

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 9:52:49

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

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

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

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

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RE DISCCART 50.0 -210.0 1.2  
RE DISCCART 60.0 -210.0 1.2  
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RE DISCCART 30.0 -200.0 1.2  
RE DISCCART 40.0 -200.0 1.2  
RE DISCCART 50.0 -200.0 1.2

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

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

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



RE DISCCART	-30.0	-150.0	1.2
RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
RE DISCCART	-17.0	-150.0	1.2
RE DISCCART	-15.0	-150.0	1.2
RE DISCCART	-13.0	-150.0	1.2
RE DISCCART	-11.0	-150.0	1.2
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RE DISCCART	9.0	-150.0	1.2
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RE DISCCART	15.0	-150.0	1.2
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RE DISCCART	17.0	-140.0	1.2
RE DISCCART	20.0	-140.0	1.2

RE DISCCART	25.0	-140.0	1.2
RE DISCCART	30.0	-140.0	1.2
RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
RE DISCCART	70.0	-140.0	1.2
RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
RE DISCCART	-40.0	-130.0	1.2
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RE DISCCART	-25.0	-130.0	1.2
RE DISCCART	-20.0	-130.0	1.2
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RE DISCCART	-11.0	-130.0	1.2
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RE DISCCART	9.0	-130.0	1.2
RE DISCCART	11.0	-130.0	1.2
RE DISCCART	13.0	-130.0	1.2
RE DISCCART	15.0	-130.0	1.2
RE DISCCART	17.0	-130.0	1.2
RE DISCCART	20.0	-130.0	1.2
RE DISCCART	25.0	-130.0	1.2
RE DISCCART	30.0	-130.0	1.2
RE DISCCART	40.0	-130.0	1.2
RE DISCCART	50.0	-130.0	1.2
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RE DISCCART	100.0	-130.0	1.2
RE DISCCART	-100.0	-120.0	1.2
RE DISCCART	-90.0	-120.0	1.2
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RE DISCCART	-70.0	-120.0	1.2
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RE DISCCART	-80.0	170.0	1.2
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RE DISCCART	-60.0	170.0	1.2
RE DISCCART	-50.0	170.0	1.2
RE DISCCART	-40.0	170.0	1.2
RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

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

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



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

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

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

ME STARTING  
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET91300.ASC"  
 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9901 1991  
 ME UAIRDATA 9901 1991  
 ME STARTEND 1991 01 01 1 1991 12 31 24  
 ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

09:52:50

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\01NCRA~2.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\01NCRA-2.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

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

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 3  
 CONC URBAN FLAT FLGPOL DFAULT

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

GROUP ID SOURCE IDs

NCRA\_S1 NCRA\_S1 ,

NCRA\_S2 NCRA\_S2 ,

NCRA\_S3 NCRA\_S3 ,

NCRA\_S4 NCRA\_S4 ,

NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC                    URBAN FLAT    FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50

\*\*MODELOPTs:

PAGE 9

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\*  
\*\*\*

09:52:50  
\*\*MODELOPTs:  
PAGE 11  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:  
 PAGE 12

CONC                                    URBAN FLAT    FLGPOL DFAULT

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 14  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:  
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

04/20/08

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

09:52:50

\*\*MODELOPTs:  
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/20/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00003	-90.00	-250.00	0.00003
-80.00	-250.00	0.00003	-70.00	-250.00	0.00003
-60.00	-250.00	0.00003	-50.00	-250.00	0.00004
-40.00	-250.00	0.00004	-30.00	-250.00	0.00004
-25.00	-250.00	0.00004	-20.00	-250.00	0.00004
-17.00	-250.00	0.00004	-15.00	-250.00	0.00004
-13.00	-250.00	0.00004	-11.00	-250.00	0.00004
-9.00	-250.00	0.00005	9.00	-250.00	0.00005
11.00	-250.00	0.00005	13.00	-250.00	0.00005
15.00	-250.00	0.00005	17.00	-250.00	0.00005
20.00	-250.00	0.00005	25.00	-250.00	0.00005
30.00	-250.00	0.00005	40.00	-250.00	0.00005
50.00	-250.00	0.00005	60.00	-250.00	0.00006
70.00	-250.00	0.00006	80.00	-250.00	0.00006
90.00	-250.00	0.00006	100.00	-250.00	0.00007
-100.00	-240.00	0.00003	-90.00	-240.00	0.00003
-80.00	-240.00	0.00003	-70.00	-240.00	0.00003

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00004	-50.00	-240.00	0.00004
-40.00	-240.00	0.00004	-30.00	-240.00	0.00004
-25.00	-240.00	0.00004	-20.00	-240.00	0.00004
-17.00	-240.00	0.00005	-15.00	-240.00	0.00005
-13.00	-240.00	0.00005	-11.00	-240.00	0.00005
-9.00	-240.00	0.00005	9.00	-240.00	0.00005
11.00	-240.00	0.00005	13.00	-240.00	0.00005
15.00	-240.00	0.00005	17.00	-240.00	0.00005
20.00	-240.00	0.00005	25.00	-240.00	0.00005
30.00	-240.00	0.00005	40.00	-240.00	0.00006
50.00	-240.00	0.00006	60.00	-240.00	0.00006
70.00	-240.00	0.00006	80.00	-240.00	0.00006
90.00	-240.00	0.00007	100.00	-240.00	0.00007
-100.00	-230.00	0.00003	-90.00	-230.00	0.00003
-80.00	-230.00	0.00003	-70.00	-230.00	0.00003
-60.00	-230.00	0.00004	-50.00	-230.00	0.00004
-40.00	-230.00	0.00004	-30.00	-230.00	0.00004
-25.00	-230.00	0.00005	-20.00	-230.00	0.00005
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005
-9.00	-230.00	0.00005	9.00	-230.00	0.00005
11.00	-230.00	0.00005	13.00	-230.00	0.00005
15.00	-230.00	0.00005	17.00	-230.00	0.00005

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00005	25.00	-230.00	0.00006
30.00	-230.00	0.00006	40.00	-230.00	0.00006
50.00	-230.00	0.00006	60.00	-230.00	0.00006
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00003	-90.00	-220.00	0.00003
-80.00	-220.00	0.00003	-70.00	-220.00	0.00004
-60.00	-220.00	0.00004	-50.00	-220.00	0.00004
-40.00	-220.00	0.00004	-30.00	-220.00	0.00005
-25.00	-220.00	0.00005	-20.00	-220.00	0.00005
-17.00	-220.00	0.00005	-15.00	-220.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00005	-11.00	-220.00	0.00005
-9.00	-220.00	0.00005	9.00	-220.00	0.00005
11.00	-220.00	0.00006	13.00	-220.00	0.00006
15.00	-220.00	0.00006	17.00	-220.00	0.00006
20.00	-220.00	0.00006	25.00	-220.00	0.00006
30.00	-220.00	0.00006	40.00	-220.00	0.00006
50.00	-220.00	0.00006	60.00	-220.00	0.00007
70.00	-220.00	0.00007	80.00	-220.00	0.00007
90.00	-220.00	0.00008	100.00	-220.00	0.00008
-100.00	-210.00	0.00003	-90.00	-210.00	0.00003
-80.00	-210.00	0.00003	-70.00	-210.00	0.00004
-60.00	-210.00	0.00004	-50.00	-210.00	0.00004
-40.00	-210.00	0.00005	-30.00	-210.00	0.00005
-25.00	-210.00	0.00005	-20.00	-210.00	0.00005
-17.00	-210.00	0.00005	-15.00	-210.00	0.00005
-13.00	-210.00	0.00005	-11.00	-210.00	0.00005
-9.00	-210.00	0.00005	9.00	-210.00	0.00006
11.00	-210.00	0.00006	13.00	-210.00	0.00006
15.00	-210.00	0.00006	17.00	-210.00	0.00006
20.00	-210.00	0.00006	25.00	-210.00	0.00006
30.00	-210.00	0.00006	40.00	-210.00	0.00006
50.00	-210.00	0.00007	60.00	-210.00	0.00007
70.00	-210.00	0.00007	80.00	-210.00	0.00008
90.00	-210.00	0.00008	100.00	-210.00	0.00008
-100.00	-200.00	0.00003	-90.00	-200.00	0.00003
-80.00	-200.00	0.00004	-70.00	-200.00	0.00004
-60.00	-200.00	0.00004	-50.00	-200.00	0.00004
-40.00	-200.00	0.00005	-30.00	-200.00	0.00005
-25.00	-200.00	0.00005	-20.00	-200.00	0.00005

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00005	-15.00	-200.00	0.00005
-13.00	-200.00	0.00006	-11.00	-200.00	0.00006
-9.00	-200.00	0.00006	9.00	-200.00	0.00006
11.00	-200.00	0.00006	13.00	-200.00	0.00006
15.00	-200.00	0.00006	17.00	-200.00	0.00006

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00006	25.00	-200.00	0.00006
30.00	-200.00	0.00007	40.00	-200.00	0.00007
50.00	-200.00	0.00007	60.00	-200.00	0.00007
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00009
-100.00	-190.00	0.00003	-90.00	-190.00	0.00004
-80.00	-190.00	0.00004	-70.00	-190.00	0.00004
-60.00	-190.00	0.00004	-50.00	-190.00	0.00005
-40.00	-190.00	0.00005	-30.00	-190.00	0.00005
-25.00	-190.00	0.00005	-20.00	-190.00	0.00006
-17.00	-190.00	0.00006	-15.00	-190.00	0.00006
-13.00	-190.00	0.00006	-11.00	-190.00	0.00006
-9.00	-190.00	0.00006	9.00	-190.00	0.00006
11.00	-190.00	0.00006	13.00	-190.00	0.00006
15.00	-190.00	0.00006	17.00	-190.00	0.00007
20.00	-190.00	0.00007	25.00	-190.00	0.00007
30.00	-190.00	0.00007	40.00	-190.00	0.00007
50.00	-190.00	0.00007	60.00	-190.00	0.00008
70.00	-190.00	0.00008	80.00	-190.00	0.00009
90.00	-190.00	0.00009	100.00	-190.00	0.00009
-100.00	-180.00	0.00004	-90.00	-180.00	0.00004
-80.00	-180.00	0.00004	-70.00	-180.00	0.00004
-60.00	-180.00	0.00004	-50.00	-180.00	0.00005
-40.00	-180.00	0.00005	-30.00	-180.00	0.00006
-25.00	-180.00	0.00006	-20.00	-180.00	0.00006
-17.00	-180.00	0.00006	-15.00	-180.00	0.00006
-13.00	-180.00	0.00006	-11.00	-180.00	0.00006
-9.00	-180.00	0.00006	9.00	-180.00	0.00007
11.00	-180.00	0.00007	13.00	-180.00	0.00007
15.00	-180.00	0.00007	17.00	-180.00	0.00007
20.00	-180.00	0.00007	25.00	-180.00	0.00007
30.00	-180.00	0.00007	40.00	-180.00	0.00008
50.00	-180.00	0.00008	60.00	-180.00	0.00008
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00010	100.00	-180.00	0.00010

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

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 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00004	-90.00	-170.00	0.00004
-80.00	-170.00	0.00004	-70.00	-170.00	0.00004
-60.00	-170.00	0.00005	-50.00	-170.00	0.00005
-40.00	-170.00	0.00005	-30.00	-170.00	0.00006
-25.00	-170.00	0.00006	-20.00	-170.00	0.00006
-17.00	-170.00	0.00006	-15.00	-170.00	0.00006
-13.00	-170.00	0.00006	-11.00	-170.00	0.00006
-9.00	-170.00	0.00007	9.00	-170.00	0.00007
11.00	-170.00	0.00007	13.00	-170.00	0.00007
15.00	-170.00	0.00007	17.00	-170.00	0.00007
20.00	-170.00	0.00007	25.00	-170.00	0.00007
30.00	-170.00	0.00008	40.00	-170.00	0.00008
50.00	-170.00	0.00008	60.00	-170.00	0.00009
70.00	-170.00	0.00009	80.00	-170.00	0.00010
90.00	-170.00	0.00010	100.00	-170.00	0.00011
-100.00	-160.00	0.00004	-90.00	-160.00	0.00004
-80.00	-160.00	0.00004	-70.00	-160.00	0.00004
-60.00	-160.00	0.00005	-50.00	-160.00	0.00005
-40.00	-160.00	0.00006	-30.00	-160.00	0.00006
-25.00	-160.00	0.00006	-20.00	-160.00	0.00006
-17.00	-160.00	0.00007	-15.00	-160.00	0.00007
-13.00	-160.00	0.00007	-11.00	-160.00	0.00007
-9.00	-160.00	0.00007	9.00	-160.00	0.00007
11.00	-160.00	0.00007	13.00	-160.00	0.00008
15.00	-160.00	0.00008	17.00	-160.00	0.00008
20.00	-160.00	0.00008	25.00	-160.00	0.00008
30.00	-160.00	0.00008	40.00	-160.00	0.00008
50.00	-160.00	0.00009	60.00	-160.00	0.00009
70.00	-160.00	0.00010	80.00	-160.00	0.00010
90.00	-160.00	0.00011	100.00	-160.00	0.00011
-100.00	-150.00	0.00004	-90.00	-150.00	0.00004
-80.00	-150.00	0.00004	-70.00	-150.00	0.00005
-60.00	-150.00	0.00005	-50.00	-150.00	0.00005
-40.00	-150.00	0.00006	-30.00	-150.00	0.00006
-25.00	-150.00	0.00007	-20.00	-150.00	0.00007
-17.00	-150.00	0.00007	-15.00	-150.00	0.00007
-13.00	-150.00	0.00007	-11.00	-150.00	0.00007
-9.00	-150.00	0.00007	9.00	-150.00	0.00008
11.00	-150.00	0.00008	13.00	-150.00	0.00008
15.00	-150.00	0.00008	17.00	-150.00	0.00008

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:



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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00008	25.00	-150.00	0.00008
30.00	-150.00	0.00009	40.00	-150.00	0.00009
50.00	-150.00	0.00009	60.00	-150.00	0.00010
70.00	-150.00	0.00010	80.00	-150.00	0.00011
90.00	-150.00	0.00012	100.00	-150.00	0.00012
-100.00	-140.00	0.00004	-90.00	-140.00	0.00004
-80.00	-140.00	0.00005	-70.00	-140.00	0.00005
-60.00	-140.00	0.00005	-50.00	-140.00	0.00006
-40.00	-140.00	0.00006	-30.00	-140.00	0.00007
-25.00	-140.00	0.00007	-20.00	-140.00	0.00007
-17.00	-140.00	0.00007	-15.00	-140.00	0.00007
-13.00	-140.00	0.00007	-11.00	-140.00	0.00008
-9.00	-140.00	0.00008	9.00	-140.00	0.00008
11.00	-140.00	0.00008	13.00	-140.00	0.00008
15.00	-140.00	0.00009	17.00	-140.00	0.00009
20.00	-140.00	0.00009	25.00	-140.00	0.00009
30.00	-140.00	0.00009	40.00	-140.00	0.00010
50.00	-140.00	0.00010	60.00	-140.00	0.00011
70.00	-140.00	0.00011	80.00	-140.00	0.00012
90.00	-140.00	0.00012	100.00	-140.00	0.00013
-100.00	-130.00	0.00005	-90.00	-130.00	0.00005
-80.00	-130.00	0.00005	-70.00	-130.00	0.00005
-60.00	-130.00	0.00005	-50.00	-130.00	0.00006
-40.00	-130.00	0.00006	-30.00	-130.00	0.00007
-25.00	-130.00	0.00007	-20.00	-130.00	0.00008
-17.00	-130.00	0.00008	-15.00	-130.00	0.00008
-13.00	-130.00	0.00008	-11.00	-130.00	0.00008
-9.00	-130.00	0.00008	9.00	-130.00	0.00009
11.00	-130.00	0.00009	13.00	-130.00	0.00009
15.00	-130.00	0.00009	17.00	-130.00	0.00009
20.00	-130.00	0.00009	25.00	-130.00	0.00009
30.00	-130.00	0.00010	40.00	-130.00	0.00010
50.00	-130.00	0.00011	60.00	-130.00	0.00011
70.00	-130.00	0.00012	80.00	-130.00	0.00013
90.00	-130.00	0.00013	100.00	-130.00	0.00014
-100.00	-120.00	0.00005	-90.00	-120.00	0.00005
-80.00	-120.00	0.00005	-70.00	-120.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00006	-50.00	-120.00	0.00006
-40.00	-120.00	0.00007	-30.00	-120.00	0.00007
-25.00	-120.00	0.00008	-20.00	-120.00	0.00008

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00008	-15.00	-120.00	0.00008
-13.00	-120.00	0.00008	-11.00	-120.00	0.00008
-9.00	-120.00	0.00009	9.00	-120.00	0.00009
11.00	-120.00	0.00009	13.00	-120.00	0.00010
15.00	-120.00	0.00010	17.00	-120.00	0.00010
20.00	-120.00	0.00010	25.00	-120.00	0.00010
30.00	-120.00	0.00010	40.00	-120.00	0.00011
50.00	-120.00	0.00012	60.00	-120.00	0.00012
70.00	-120.00	0.00013	80.00	-120.00	0.00014
90.00	-120.00	0.00014	100.00	-120.00	0.00015
-100.00	-110.00	0.00005	-90.00	-110.00	0.00005
-80.00	-110.00	0.00005	-70.00	-110.00	0.00006
-60.00	-110.00	0.00006	-50.00	-110.00	0.00006
-40.00	-110.00	0.00007	-30.00	-110.00	0.00008
-25.00	-110.00	0.00008	-20.00	-110.00	0.00008
-17.00	-110.00	0.00009	-15.00	-110.00	0.00009
-13.00	-110.00	0.00009	-11.00	-110.00	0.00009
-9.00	-110.00	0.00009	9.00	-110.00	0.00010
11.00	-110.00	0.00010	13.00	-110.00	0.00010
15.00	-110.00	0.00010	17.00	-110.00	0.00010
20.00	-110.00	0.00011	25.00	-110.00	0.00011
30.00	-110.00	0.00011	40.00	-110.00	0.00012
50.00	-110.00	0.00012	60.00	-110.00	0.00013
70.00	-110.00	0.00014	80.00	-110.00	0.00015
90.00	-110.00	0.00016	100.00	-110.00	0.00016
-100.00	-100.00	0.00005	-90.00	-100.00	0.00005
-80.00	-100.00	0.00006	-70.00	-100.00	0.00006
-60.00	-100.00	0.00006	-50.00	-100.00	0.00007
-40.00	-100.00	0.00007	-30.00	-100.00	0.00008
-25.00	-100.00	0.00009	-20.00	-100.00	0.00009
-17.00	-100.00	0.00009	-15.00	-100.00	0.00009

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00006	-90.00	-90.00	0.00006
-80.00	-90.00	0.00006	-70.00	-90.00	0.00006
-60.00	-90.00	0.00007	-50.00	-90.00	0.00007
-40.00	-90.00	0.00008	-30.00	-90.00	0.00009
-25.00	-90.00	0.00009	-20.00	-90.00	0.00010
-17.00	-90.00	0.00010	-15.00	-90.00	0.00010
-13.00	-90.00	0.00010	-11.00	-90.00	0.00010
-9.00	-90.00	0.00010	9.00	-90.00	0.00011
11.00	-90.00	0.00012	13.00	-90.00	0.00012
15.00	-90.00	0.00012	17.00	-90.00	0.00012
20.00	-90.00	0.00012	25.00	-90.00	0.00012
30.00	-90.00	0.00013	40.00	-90.00	0.00014
50.00	-90.00	0.00015	60.00	-90.00	0.00016
70.00	-90.00	0.00017	80.00	-90.00	0.00017
90.00	-90.00	0.00018	100.00	-90.00	0.00019
-100.00	-80.00	0.00006	-90.00	-80.00	0.00006
-80.00	-80.00	0.00006	-70.00	-80.00	0.00007
-60.00	-80.00	0.00007	-50.00	-80.00	0.00008
-40.00	-80.00	0.00008	-30.00	-80.00	0.00009
-25.00	-80.00	0.00010	-20.00	-80.00	0.00010
-17.00	-80.00	0.00010	-15.00	-80.00	0.00011
-13.00	-80.00	0.00011	-11.00	-80.00	0.00011
-9.00	-80.00	0.00011	9.00	-80.00	0.00012
11.00	-80.00	0.00012	13.00	-80.00	0.00013
15.00	-80.00	0.00013	17.00	-80.00	0.00013

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00013	25.00	-80.00	0.00013
30.00	-80.00	0.00014	40.00	-80.00	0.00015
50.00	-80.00	0.00016	60.00	-80.00	0.00017
70.00	-80.00	0.00018	80.00	-80.00	0.00019
90.00	-80.00	0.00020	100.00	-80.00	0.00021
-100.00	-70.00	0.00006	-90.00	-70.00	0.00007
-80.00	-70.00	0.00007	-70.00	-70.00	0.00007
-60.00	-70.00	0.00007	-50.00	-70.00	0.00008
-40.00	-70.00	0.00009	-30.00	-70.00	0.00010
-25.00	-70.00	0.00010	-20.00	-70.00	0.00011
-17.00	-70.00	0.00011	-15.00	-70.00	0.00011
-13.00	-70.00	0.00011	-11.00	-70.00	0.00012
-9.00	-70.00	0.00012	9.00	-70.00	0.00013
11.00	-70.00	0.00013	13.00	-70.00	0.00014
15.00	-70.00	0.00014	17.00	-70.00	0.00014

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

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

09:52:50

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00014	25.00	-70.00	0.00015
30.00	-70.00	0.00015	40.00	-70.00	0.00016
50.00	-70.00	0.00017	60.00	-70.00	0.00018
70.00	-70.00	0.00020	80.00	-70.00	0.00021
90.00	-70.00	0.00022	100.00	-70.00	0.00023
-100.00	-60.00	0.00007	-90.00	-60.00	0.00007
-80.00	-60.00	0.00007	-70.00	-60.00	0.00007
-60.00	-60.00	0.00008	-50.00	-60.00	0.00008
-40.00	-60.00	0.00009	-30.00	-60.00	0.00010
-25.00	-60.00	0.00011	-20.00	-60.00	0.00012
-17.00	-60.00	0.00012	-15.00	-60.00	0.00012
-13.00	-60.00	0.00012	-11.00	-60.00	0.00013
-9.00	-60.00	0.00013	9.00	-60.00	0.00014
11.00	-60.00	0.00015	13.00	-60.00	0.00015
15.00	-60.00	0.00015	17.00	-60.00	0.00015
20.00	-60.00	0.00015	25.00	-60.00	0.00016
30.00	-60.00	0.00016	40.00	-60.00	0.00018
50.00	-60.00	0.00019	60.00	-60.00	0.00020
70.00	-60.00	0.00022	80.00	-60.00	0.00023

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00024	100.00	-60.00	0.00025
-100.00	-50.00	0.00007	-90.00	-50.00	0.00007
-80.00	-50.00	0.00008	-70.00	-50.00	0.00008
-60.00	-50.00	0.00008	-50.00	-50.00	0.00009
-40.00	-50.00	0.00010	-30.00	-50.00	0.00011
-25.00	-50.00	0.00012	-20.00	-50.00	0.00012
-17.00	-50.00	0.00013	-15.00	-50.00	0.00013
-13.00	-50.00	0.00013	-11.00	-50.00	0.00014
-9.00	-50.00	0.00014	9.00	-50.00	0.00016
11.00	-50.00	0.00016	13.00	-50.00	0.00016
15.00	-50.00	0.00016	17.00	-50.00	0.00016
20.00	-50.00	0.00017	25.00	-50.00	0.00017
30.00	-50.00	0.00018	40.00	-50.00	0.00019
50.00	-50.00	0.00021	60.00	-50.00	0.00022
70.00	-50.00	0.00024	80.00	-50.00	0.00025
90.00	-50.00	0.00026	100.00	-50.00	0.00027
-100.00	-40.00	0.00008	-90.00	-40.00	0.00008
-80.00	-40.00	0.00008	-70.00	-40.00	0.00009
-60.00	-40.00	0.00009	-50.00	-40.00	0.00010
-40.00	-40.00	0.00010	-30.00	-40.00	0.00012
-25.00	-40.00	0.00013	-20.00	-40.00	0.00013

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00014	-15.00	-40.00	0.00014
-13.00	-40.00	0.00014	-11.00	-40.00	0.00015
-9.00	-40.00	0.00015	9.00	-40.00	0.00017
11.00	-40.00	0.00017	13.00	-40.00	0.00017
15.00	-40.00	0.00018	17.00	-40.00	0.00018
20.00	-40.00	0.00018	25.00	-40.00	0.00019
30.00	-40.00	0.00020	40.00	-40.00	0.00021
50.00	-40.00	0.00023	60.00	-40.00	0.00025
70.00	-40.00	0.00026	80.00	-40.00	0.00028
90.00	-40.00	0.00029	100.00	-40.00	0.00030
-100.00	-30.00	0.00008	-90.00	-30.00	0.00009
-80.00	-30.00	0.00009	-70.00	-30.00	0.00009
-60.00	-30.00	0.00010	-50.00	-30.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00011	-30.00	-30.00	0.00013
-25.00	-30.00	0.00013	-20.00	-30.00	0.00014
-17.00	-30.00	0.00015	-15.00	-30.00	0.00015
-13.00	-30.00	0.00015	-11.00	-30.00	0.00016
-9.00	-30.00	0.00016	9.00	-30.00	0.00019
11.00	-30.00	0.00019	13.00	-30.00	0.00019
15.00	-30.00	0.00019	17.00	-30.00	0.00020
20.00	-30.00	0.00020	25.00	-30.00	0.00021
30.00	-30.00	0.00022	40.00	-30.00	0.00024
50.00	-30.00	0.00026	60.00	-30.00	0.00028
70.00	-30.00	0.00029	80.00	-30.00	0.00031
90.00	-30.00	0.00032	100.00	-30.00	0.00033
-100.00	-20.00	0.00009	-90.00	-20.00	0.00009
-80.00	-20.00	0.00010	-70.00	-20.00	0.00010
-60.00	-20.00	0.00010	-50.00	-20.00	0.00011
-40.00	-20.00	0.00012	-30.00	-20.00	0.00014
-25.00	-20.00	0.00014	-20.00	-20.00	0.00015
-17.00	-20.00	0.00016	-15.00	-20.00	0.00016
-13.00	-20.00	0.00017	-11.00	-20.00	0.00017
-9.00	-20.00	0.00018	9.00	-20.00	0.00020
11.00	-20.00	0.00021	13.00	-20.00	0.00021
15.00	-20.00	0.00021	17.00	-20.00	0.00022
20.00	-20.00	0.00022	25.00	-20.00	0.00023
30.00	-20.00	0.00024	40.00	-20.00	0.00026
50.00	-20.00	0.00029	60.00	-20.00	0.00031
70.00	-20.00	0.00033	80.00	-20.00	0.00035
90.00	-20.00	0.00036	100.00	-20.00	0.00037

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 32

CONC      URBAN FLAT      FLGPOL      DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00009	-90.00	-10.00	0.00010
-80.00	-10.00	0.00010	-70.00	-10.00	0.00011
-60.00	-10.00	0.00011	-50.00	-10.00	0.00012
-40.00	-10.00	0.00013	-30.00	-10.00	0.00015
-25.00	-10.00	0.00016	-20.00	-10.00	0.00017
-17.00	-10.00	0.00017	-15.00	-10.00	0.00018
-13.00	-10.00	0.00018	-11.00	-10.00	0.00019

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00019	9.00	-10.00	0.00023
11.00	-10.00	0.00023	13.00	-10.00	0.00023
15.00	-10.00	0.00024	17.00	-10.00	0.00024
20.00	-10.00	0.00025	25.00	-10.00	0.00026
30.00	-10.00	0.00027	40.00	-10.00	0.00030
50.00	-10.00	0.00032	60.00	-10.00	0.00035
70.00	-10.00	0.00037	80.00	-10.00	0.00039
90.00	-10.00	0.00040	100.00	-10.00	0.00041
-100.00	0.00	0.00010	-90.00	0.00	0.00011
-80.00	0.00	0.00011	-70.00	0.00	0.00012
-60.00	0.00	0.00012	-50.00	0.00	0.00013
-40.00	0.00	0.00014	-30.00	0.00	0.00016
-25.00	0.00	0.00017	-20.00	0.00	0.00018
-17.00	0.00	0.00019	-15.00	0.00	0.00020
-13.00	0.00	0.00020	-11.00	0.00	0.00021
-9.00	0.00	0.00021	9.00	0.00	0.00025
11.00	0.00	0.00025	13.00	0.00	0.00026
15.00	0.00	0.00026	17.00	0.00	0.00027
20.00	0.00	0.00027	25.00	0.00	0.00029
30.00	0.00	0.00030	40.00	0.00	0.00033
50.00	0.00	0.00037	60.00	0.00	0.00039
70.00	0.00	0.00042	80.00	0.00	0.00044
90.00	0.00	0.00045	100.00	0.00	0.00047
-100.00	10.00	0.00011	-90.00	10.00	0.00012
-80.00	10.00	0.00012	-70.00	10.00	0.00013
-60.00	10.00	0.00013	-50.00	10.00	0.00014
-40.00	10.00	0.00015	-30.00	10.00	0.00017
-25.00	10.00	0.00018	-20.00	10.00	0.00020
-17.00	10.00	0.00021	-15.00	10.00	0.00021
-13.00	10.00	0.00022	-11.00	10.00	0.00023
-9.00	10.00	0.00023	9.00	10.00	0.00028
11.00	10.00	0.00028	13.00	10.00	0.00029
15.00	10.00	0.00029	17.00	10.00	0.00030

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00031	25.00	10.00	0.00033

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00034	40.00	10.00	0.00038
50.00	10.00	0.00042	60.00	10.00	0.00045
70.00	10.00	0.00048	80.00	10.00	0.00050
90.00	10.00	0.00051	100.00	10.00	0.00053
-100.00	20.00	0.00012	-90.00	20.00	0.00012
-80.00	20.00	0.00013	-70.00	20.00	0.00014
-60.00	20.00	0.00015	-50.00	20.00	0.00015
-40.00	20.00	0.00016	-30.00	20.00	0.00018
-25.00	20.00	0.00020	-20.00	20.00	0.00022
-17.00	20.00	0.00023	-15.00	20.00	0.00024
-13.00	20.00	0.00024	-11.00	20.00	0.00025
-9.00	20.00	0.00026	9.00	20.00	0.00031
11.00	20.00	0.00032	13.00	20.00	0.00033
15.00	20.00	0.00033	17.00	20.00	0.00034
20.00	20.00	0.00035	25.00	20.00	0.00037
30.00	20.00	0.00039	40.00	20.00	0.00044
50.00	20.00	0.00048	60.00	20.00	0.00052
70.00	20.00	0.00055	80.00	20.00	0.00057
90.00	20.00	0.00059	100.00	20.00	0.00060
-100.00	30.00	0.00013	-90.00	30.00	0.00014
-80.00	30.00	0.00014	-70.00	30.00	0.00015
-60.00	30.00	0.00016	-50.00	30.00	0.00017
-40.00	30.00	0.00018	-30.00	30.00	0.00020
-25.00	30.00	0.00022	-20.00	30.00	0.00024
-17.00	30.00	0.00025	-15.00	30.00	0.00026
-13.00	30.00	0.00027	-11.00	30.00	0.00028
-9.00	30.00	0.00029	9.00	30.00	0.00036
11.00	30.00	0.00036	13.00	30.00	0.00037
15.00	30.00	0.00038	17.00	30.00	0.00039
20.00	30.00	0.00040	25.00	30.00	0.00043
30.00	30.00	0.00046	40.00	30.00	0.00051
50.00	30.00	0.00056	60.00	30.00	0.00060
70.00	30.00	0.00063	80.00	30.00	0.00066
90.00	30.00	0.00068	100.00	30.00	0.00069
-100.00	40.00	0.00014	-90.00	40.00	0.00015
-80.00	40.00	0.00016	-70.00	40.00	0.00017
-60.00	40.00	0.00018	-50.00	40.00	0.00019
-40.00	40.00	0.00020	-30.00	40.00	0.00022
-25.00	40.00	0.00024	-20.00	40.00	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00028	-15.00	40.00	0.00029
-13.00	40.00	0.00030	-11.00	40.00	0.00031
-9.00	40.00	0.00032	9.00	40.00	0.00041
11.00	40.00	0.00042	13.00	40.00	0.00043
15.00	40.00	0.00044	17.00	40.00	0.00045
20.00	40.00	0.00047	25.00	40.00	0.00050
30.00	40.00	0.00053	40.00	40.00	0.00060
50.00	40.00	0.00066	60.00	40.00	0.00070
70.00	40.00	0.00074	80.00	40.00	0.00077
90.00	40.00	0.00079	100.00	40.00	0.00080
-100.00	50.00	0.00015	-90.00	50.00	0.00016
-80.00	50.00	0.00017	-70.00	50.00	0.00019
-60.00	50.00	0.00020	-50.00	50.00	0.00021
-40.00	50.00	0.00023	-30.00	50.00	0.00025
-25.00	50.00	0.00027	-20.00	50.00	0.00029
-17.00	50.00	0.00031	-15.00	50.00	0.00032
-13.00	50.00	0.00034	-11.00	50.00	0.00035
-9.00	50.00	0.00036	9.00	50.00	0.00047
11.00	50.00	0.00048	13.00	50.00	0.00050
15.00	50.00	0.00051	17.00	50.00	0.00052
20.00	50.00	0.00055	25.00	50.00	0.00059
30.00	50.00	0.00063	40.00	50.00	0.00071
50.00	50.00	0.00078	60.00	50.00	0.00083
70.00	50.00	0.00087	80.00	50.00	0.00090
90.00	50.00	0.00092	100.00	50.00	0.00093
-100.00	60.00	0.00016	-90.00	60.00	0.00017
-80.00	60.00	0.00019	-70.00	60.00	0.00020
-60.00	60.00	0.00022	-50.00	60.00	0.00024
-40.00	60.00	0.00025	-30.00	60.00	0.00028
-25.00	60.00	0.00030	-20.00	60.00	0.00032
-17.00	60.00	0.00034	-15.00	60.00	0.00036
-13.00	60.00	0.00038	-11.00	60.00	0.00039
-9.00	60.00	0.00041	9.00	60.00	0.00055
11.00	60.00	0.00057	13.00	60.00	0.00058
15.00	60.00	0.00060	17.00	60.00	0.00062
20.00	60.00	0.00065	25.00	60.00	0.00071
30.00	60.00	0.00076	40.00	60.00	0.00086
50.00	60.00	0.00094	60.00	60.00	0.00100
70.00	60.00	0.00104	80.00	60.00	0.00107

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00 60.00 0.00108 100.00 60.00 0.00107

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00017	-90.00	70.00	0.00019
-80.00	70.00	0.00021	-70.00	70.00	0.00023
-60.00	70.00	0.00025	-50.00	70.00	0.00027
-40.00	70.00	0.00029	-30.00	70.00	0.00031
-25.00	70.00	0.00033	-20.00	70.00	0.00036
-17.00	70.00	0.00039	-15.00	70.00	0.00040
-13.00	70.00	0.00042	-11.00	70.00	0.00045
-9.00	70.00	0.00047	9.00	70.00	0.00065
11.00	70.00	0.00068	13.00	70.00	0.00070
15.00	70.00	0.00073	17.00	70.00	0.00075
20.00	70.00	0.00079	25.00	70.00	0.00087
30.00	70.00	0.00094	40.00	70.00	0.00105
50.00	70.00	0.00115	60.00	70.00	0.00122
70.00	70.00	0.00126	80.00	70.00	0.00128
90.00	70.00	0.00127	100.00	70.00	0.00123
-100.00	80.00	0.00018	-90.00	80.00	0.00020
-80.00	80.00	0.00023	-70.00	80.00	0.00025
-60.00	80.00	0.00028	-50.00	80.00	0.00030
-40.00	80.00	0.00033	-30.00	80.00	0.00036
-25.00	80.00	0.00038	-20.00	80.00	0.00041
-17.00	80.00	0.00043	-15.00	80.00	0.00046
-13.00	80.00	0.00048	-11.00	80.00	0.00051
-9.00	80.00	0.00054	9.00	80.00	0.00079
11.00	80.00	0.00082	13.00	80.00	0.00085
15.00	80.00	0.00089	17.00	80.00	0.00093
20.00	80.00	0.00099	25.00	80.00	0.00108
30.00	80.00	0.00117	40.00	80.00	0.00132
50.00	80.00	0.00143	60.00	80.00	0.00151
70.00	80.00	0.00154	80.00	80.00	0.00152
90.00	80.00	0.00147	100.00	80.00	0.00140
-100.00	90.00	0.00019	-90.00	90.00	0.00021
-80.00	90.00	0.00024	-70.00	90.00	0.00027
-60.00	90.00	0.00031	-50.00	90.00	0.00034

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00037	-30.00	90.00	0.00041
-25.00	90.00	0.00044	-20.00	90.00	0.00047
-17.00	90.00	0.00049	-15.00	90.00	0.00052
-13.00	90.00	0.00054	-11.00	90.00	0.00058
-9.00	90.00	0.00061	9.00	90.00	0.00097
11.00	90.00	0.00101	13.00	90.00	0.00107
15.00	90.00	0.00112	17.00	90.00	0.00117

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00126	25.00	90.00	0.00139
30.00	90.00	0.00150	40.00	90.00	0.00170
50.00	90.00	0.00183	60.00	90.00	0.00188
70.00	90.00	0.00186	80.00	90.00	0.00178
90.00	90.00	0.00167	100.00	90.00	0.00155
-100.00	100.00	0.00019	-90.00	100.00	0.00022
-80.00	100.00	0.00025	-70.00	100.00	0.00029
-60.00	100.00	0.00034	-50.00	100.00	0.00038
-40.00	100.00	0.00043	-30.00	100.00	0.00048
-25.00	100.00	0.00050	-20.00	100.00	0.00054
-17.00	100.00	0.00057	-15.00	100.00	0.00059
-13.00	100.00	0.00062	-11.00	100.00	0.00066
-9.00	100.00	0.00070	9.00	100.00	0.00122
11.00	100.00	0.00130	13.00	100.00	0.00137
15.00	100.00	0.00145	17.00	100.00	0.00154
20.00	100.00	0.00165	25.00	100.00	0.00184
30.00	100.00	0.00200	40.00	100.00	0.00225
50.00	100.00	0.00235	60.00	100.00	0.00232
70.00	100.00	0.00220	80.00	100.00	0.00203
90.00	100.00	0.00185	100.00	100.00	0.00167
-100.00	110.00	0.00020	-90.00	110.00	0.00023
-80.00	110.00	0.00027	-70.00	110.00	0.00031
-60.00	110.00	0.00036	-50.00	110.00	0.00042
-40.00	110.00	0.00048	-30.00	110.00	0.00055
-25.00	110.00	0.00058	-20.00	110.00	0.00063
-17.00	110.00	0.00066	-15.00	110.00	0.00068
-13.00	110.00	0.00072	-11.00	110.00	0.00076

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00081	9.00	110.00	0.00161
11.00	110.00	0.00173	13.00	110.00	0.00186
15.00	110.00	0.00198	17.00	110.00	0.00211
20.00	110.00	0.00230	25.00	110.00	0.00258
30.00	110.00	0.00280	40.00	110.00	0.00301
50.00	110.00	0.00295	60.00	110.00	0.00275
70.00	110.00	0.00249	80.00	110.00	0.00223
90.00	110.00	0.00199	100.00	110.00	0.00176
-100.00	120.00	0.00021	-90.00	120.00	0.00024
-80.00	120.00	0.00028	-70.00	120.00	0.00033
-60.00	120.00	0.00038	-50.00	120.00	0.00045
-40.00	120.00	0.00053	-30.00	120.00	0.00062
-25.00	120.00	0.00067	-20.00	120.00	0.00073

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00077	-15.00	120.00	0.00080
-13.00	120.00	0.00083	-11.00	120.00	0.00088
-9.00	120.00	0.00093	9.00	120.00	0.00229
11.00	120.00	0.00253	13.00	120.00	0.00276
15.00	120.00	0.00298	17.00	120.00	0.00320
20.00	120.00	0.00347	25.00	120.00	0.00379
30.00	120.00	0.00391	40.00	120.00	0.00381
50.00	120.00	0.00348	60.00	120.00	0.00310
70.00	120.00	0.00272	80.00	120.00	0.00238
90.00	120.00	0.00207	100.00	120.00	0.00180
-100.00	130.00	0.00022	-90.00	130.00	0.00026
-80.00	130.00	0.00030	-70.00	130.00	0.00035
-60.00	130.00	0.00042	-50.00	130.00	0.00049
-40.00	130.00	0.00058	-30.00	130.00	0.00068
-25.00	130.00	0.00074	-20.00	130.00	0.00081
-17.00	130.00	0.00086	-15.00	130.00	0.00091
-13.00	130.00	0.00096	-11.00	130.00	0.00103
-9.00	130.00	0.00111	9.00	130.00	0.00410
11.00	130.00	0.00444	13.00	130.00	0.00469
15.00	130.00	0.00486	17.00	130.00	0.00498
20.00	130.00	0.00507	25.00	130.00	0.00506

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00491	40.00	130.00	0.00441
50.00	130.00	0.00385	60.00	130.00	0.00333
70.00	130.00	0.00286	80.00	130.00	0.00245
90.00	130.00	0.00209	100.00	130.00	0.00179
-100.00	140.00	0.00023	-90.00	140.00	0.00027
-80.00	140.00	0.00032	-70.00	140.00	0.00038
-60.00	140.00	0.00045	-50.00	140.00	0.00054
-40.00	140.00	0.00065	-30.00	140.00	0.00079
-25.00	140.00	0.00087	-20.00	140.00	0.00096
-17.00	140.00	0.00104	-15.00	140.00	0.00110
-13.00	140.00	0.00117	-11.00	140.00	0.00127
-9.00	140.00	0.00141	9.00	140.00	0.00574
11.00	140.00	0.00583	13.00	140.00	0.00590
15.00	140.00	0.00594	17.00	140.00	0.00595
20.00	140.00	0.00590	25.00	140.00	0.00570
30.00	140.00	0.00541	40.00	140.00	0.00472
50.00	140.00	0.00403	60.00	140.00	0.00341
70.00	140.00	0.00288	80.00	140.00	0.00243
90.00	140.00	0.00205	100.00	140.00	0.00173

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00025	-90.00	150.00	0.00029
-80.00	150.00	0.00035	-70.00	150.00	0.00042
-60.00	150.00	0.00050	-50.00	150.00	0.00061
-40.00	150.00	0.00076	-30.00	150.00	0.00094
-25.00	150.00	0.00105	-20.00	150.00	0.00119
-17.00	150.00	0.00130	-15.00	150.00	0.00138
-13.00	150.00	0.00148	-11.00	150.00	0.00161
-9.00	150.00	0.00177	9.00	150.00	0.00589
11.00	150.00	0.00598	13.00	150.00	0.00605
15.00	150.00	0.00609	17.00	150.00	0.00610
20.00	150.00	0.00605	25.00	150.00	0.00583
30.00	150.00	0.00551	40.00	150.00	0.00476
50.00	150.00	0.00402	60.00	150.00	0.00336
70.00	150.00	0.00279	80.00	150.00	0.00232
90.00	150.00	0.00193	100.00	150.00	0.00161

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00026	-90.00	160.00	0.00031
-80.00	160.00	0.00037	-70.00	160.00	0.00045
-60.00	160.00	0.00056	-50.00	160.00	0.00069
-40.00	160.00	0.00086	-30.00	160.00	0.00109
-25.00	160.00	0.00123	-20.00	160.00	0.00139
-17.00	160.00	0.00151	-15.00	160.00	0.00159
-13.00	160.00	0.00169	-11.00	160.00	0.00180
-9.00	160.00	0.00194	9.00	160.00	0.00590
11.00	160.00	0.00598	13.00	160.00	0.00604
15.00	160.00	0.00607	17.00	160.00	0.00607
20.00	160.00	0.00600	25.00	160.00	0.00576
30.00	160.00	0.00542	40.00	160.00	0.00464
50.00	160.00	0.00387	60.00	160.00	0.00319
70.00	160.00	0.00261	80.00	160.00	0.00213
90.00	160.00	0.00175	100.00	160.00	0.00145
-100.00	170.00	0.00029	-90.00	170.00	0.00034
-80.00	170.00	0.00040	-70.00	170.00	0.00049
-60.00	170.00	0.00060	-50.00	170.00	0.00075
-40.00	170.00	0.00094	-30.00	170.00	0.00119
-25.00	170.00	0.00134	-20.00	170.00	0.00151
-17.00	170.00	0.00162	-15.00	170.00	0.00169
-13.00	170.00	0.00177	-11.00	170.00	0.00187
-9.00	170.00	0.00198	9.00	170.00	0.00583
11.00	170.00	0.00589	13.00	170.00	0.00595
15.00	170.00	0.00596	17.00	170.00	0.00594

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

09:52:50  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00585	25.00	170.00	0.00558
30.00	170.00	0.00522	40.00	170.00	0.00440
50.00	170.00	0.00360	60.00	170.00	0.00290
70.00	170.00	0.00233	80.00	170.00	0.00188
90.00	170.00	0.00153	100.00	170.00	0.00126
-100.00	180.00	0.00031	-90.00	180.00	0.00036
-80.00	180.00	0.00043	-70.00	180.00	0.00052
-60.00	180.00	0.00063	-50.00	180.00	0.00079
-40.00	180.00	0.00100	-30.00	180.00	0.00125

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00139	-20.00	180.00	0.00155
-17.00	180.00	0.00164	-15.00	180.00	0.00171
-13.00	180.00	0.00178	-11.00	180.00	0.00186
-9.00	180.00	0.00197	9.00	180.00	0.00567
11.00	180.00	0.00572	13.00	180.00	0.00576
15.00	180.00	0.00575	17.00	180.00	0.00572
20.00	180.00	0.00560	25.00	180.00	0.00529
30.00	180.00	0.00489	40.00	180.00	0.00401
50.00	180.00	0.00318	60.00	180.00	0.00250
70.00	180.00	0.00197	80.00	180.00	0.00158
90.00	180.00	0.00128	100.00	180.00	0.00106
-100.00	190.00	0.00033	-90.00	190.00	0.00038
-80.00	190.00	0.00045	-70.00	190.00	0.00054
-60.00	190.00	0.00066	-50.00	190.00	0.00082
-40.00	190.00	0.00101	-30.00	190.00	0.00126
-25.00	190.00	0.00139	-20.00	190.00	0.00153
-17.00	190.00	0.00161	-15.00	190.00	0.00167
-13.00	190.00	0.00174	-11.00	190.00	0.00181
-9.00	190.00	0.00190	9.00	190.00	0.00542
11.00	190.00	0.00544	13.00	190.00	0.00545
15.00	190.00	0.00542	17.00	190.00	0.00536
20.00	190.00	0.00520	25.00	190.00	0.00483
30.00	190.00	0.00437	40.00	190.00	0.00342
50.00	190.00	0.00262	60.00	190.00	0.00201
70.00	190.00	0.00158	80.00	190.00	0.00127
90.00	190.00	0.00104	100.00	190.00	0.00087
-100.00	200.00	0.00034	-90.00	200.00	0.00040
-80.00	200.00	0.00047	-70.00	200.00	0.00057
-60.00	200.00	0.00068	-50.00	200.00	0.00083
-40.00	200.00	0.00101	-30.00	200.00	0.00122
-25.00	200.00	0.00134	-20.00	200.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00154	-15.00	200.00	0.00160
-13.00	200.00	0.00166	-11.00	200.00	0.00172
-9.00	200.00	0.00180	9.00	200.00	0.00502

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00499	13.00	200.00	0.00494
15.00	200.00	0.00487	17.00	200.00	0.00476
20.00	200.00	0.00454	25.00	200.00	0.00406
30.00	200.00	0.00354	40.00	200.00	0.00262
50.00	200.00	0.00196	60.00	200.00	0.00151
70.00	200.00	0.00121	80.00	200.00	0.00099
90.00	200.00	0.00082	100.00	200.00	0.00070
-100.00	210.00	0.00035	-90.00	210.00	0.00041
-80.00	210.00	0.00048	-70.00	210.00	0.00057
-60.00	210.00	0.00069	-50.00	210.00	0.00083
-40.00	210.00	0.00099	-30.00	210.00	0.00117
-25.00	210.00	0.00127	-20.00	210.00	0.00137
-17.00	210.00	0.00144	-15.00	210.00	0.00149
-13.00	210.00	0.00154	-11.00	210.00	0.00160
-9.00	210.00	0.00167	9.00	210.00	0.00430
11.00	210.00	0.00416	13.00	210.00	0.00401
15.00	210.00	0.00383	17.00	210.00	0.00363
20.00	210.00	0.00331	25.00	210.00	0.00280
30.00	210.00	0.00237	40.00	210.00	0.00175
50.00	210.00	0.00134	60.00	210.00	0.00107
70.00	210.00	0.00088	80.00	210.00	0.00074
90.00	210.00	0.00063	100.00	210.00	0.00054
-100.00	220.00	0.00035	-90.00	220.00	0.00041
-80.00	220.00	0.00048	-70.00	220.00	0.00057
-60.00	220.00	0.00067	-50.00	220.00	0.00080
-40.00	220.00	0.00095	-30.00	220.00	0.00111
-25.00	220.00	0.00119	-20.00	220.00	0.00127
-17.00	220.00	0.00132	-15.00	220.00	0.00136
-13.00	220.00	0.00139	-11.00	220.00	0.00143
-9.00	220.00	0.00147	9.00	220.00	0.00244
11.00	220.00	0.00220	13.00	220.00	0.00202
15.00	220.00	0.00189	17.00	220.00	0.00178
20.00	220.00	0.00165	25.00	220.00	0.00146
30.00	220.00	0.00130	40.00	220.00	0.00104
50.00	220.00	0.00086	60.00	220.00	0.00072
70.00	220.00	0.00061	80.00	220.00	0.00053
90.00	220.00	0.00047	100.00	220.00	0.00041

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

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00035	-90.00	230.00	0.00040	
-80.00	230.00	0.00047	-70.00	230.00	0.00055	
-60.00	230.00	0.00064	-50.00	230.00	0.00075	
-40.00	230.00	0.00087	-30.00	230.00	0.00099	
-25.00	230.00	0.00105	-20.00	230.00	0.00110	
-17.00	230.00	0.00113	-15.00	230.00	0.00114	
-13.00	230.00	0.00115	-11.00	230.00	0.00115	
-9.00	230.00	0.00113	9.00	230.00	0.00073	
11.00	230.00	0.00073	13.00	230.00	0.00073	
15.00	230.00	0.00073	17.00	230.00	0.00073	
20.00	230.00	0.00073	25.00	230.00	0.00071	
30.00	230.00	0.00068	40.00	230.00	0.00061	
50.00	230.00	0.00054	60.00	230.00	0.00048	
70.00	230.00	0.00043	80.00	230.00	0.00038	
90.00	230.00	0.00035	100.00	230.00	0.00031	
-100.00	240.00	0.00034	-90.00	240.00	0.00039	
-80.00	240.00	0.00044	-70.00	240.00	0.00051	
-60.00	240.00	0.00058	-50.00	240.00	0.00067	
-40.00	240.00	0.00074	-30.00	240.00	0.00081	
-25.00	240.00	0.00083	-20.00	240.00	0.00084	
-17.00	240.00	0.00083	-15.00	240.00	0.00081	
-13.00	240.00	0.00079	-11.00	240.00	0.00076	
-9.00	240.00	0.00072	9.00	240.00	0.00048	
11.00	240.00	0.00048	13.00	240.00	0.00048	
15.00	240.00	0.00047	17.00	240.00	0.00047	
20.00	240.00	0.00046	25.00	240.00	0.00044	
30.00	240.00	0.00043	40.00	240.00	0.00039	
50.00	240.00	0.00036	60.00	240.00	0.00033	
70.00	240.00	0.00031	80.00	240.00	0.00028	
90.00	240.00	0.00026	100.00	240.00	0.00024	
-100.00	250.00	0.00032	-90.00	250.00	0.00036	
-80.00	250.00	0.00041	-70.00	250.00	0.00046	
-60.00	250.00	0.00051	-50.00	250.00	0.00057	
-40.00	250.00	0.00061	-30.00	250.00	0.00063	
-25.00	250.00	0.00062	-20.00	250.00	0.00059	
-17.00	250.00	0.00057	-15.00	250.00	0.00055	
-13.00	250.00	0.00053	-11.00	250.00	0.00050	
-9.00	250.00	0.00048	9.00	250.00	0.00035	
11.00	250.00	0.00035	13.00	250.00	0.00035	
15.00	250.00	0.00035	17.00	250.00	0.00035	

04/20/08

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00034	25.00	250.00	0.00033
30.00	250.00	0.00032	40.00	250.00	0.00029
50.00	250.00	0.00027	60.00	250.00	0.00025
70.00	250.00	0.00023	80.00	250.00	0.00021
90.00	250.00	0.00020	100.00	250.00	0.00019

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00004
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00006	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00007	-15.00	-250.00	0.00007
-13.00	-250.00	0.00007	-11.00	-250.00	0.00007
-9.00	-250.00	0.00007	9.00	-250.00	0.00007
11.00	-250.00	0.00007	13.00	-250.00	0.00008
15.00	-250.00	0.00008	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00009	60.00	-250.00	0.00009
70.00	-250.00	0.00010	80.00	-250.00	0.00010
90.00	-250.00	0.00011	100.00	-250.00	0.00011
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00004	-70.00	-240.00	0.00005
-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00007	-20.00	-240.00	0.00007

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-240.00	0.00007	-15.00	-240.00	0.00007
-13.00	-240.00	0.00007	-11.00	-240.00	0.00007
-9.00	-240.00	0.00007	9.00	-240.00	0.00008
11.00	-240.00	0.00008	13.00	-240.00	0.00008
15.00	-240.00	0.00008	17.00	-240.00	0.00008
20.00	-240.00	0.00008	25.00	-240.00	0.00008
30.00	-240.00	0.00009	40.00	-240.00	0.00009
50.00	-240.00	0.00009	60.00	-240.00	0.00010
70.00	-240.00	0.00010	80.00	-240.00	0.00011
90.00	-240.00	0.00012	100.00	-240.00	0.00012
-100.00	-230.00	0.00004	-90.00	-230.00	0.00004
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005
-60.00	-230.00	0.00005	-50.00	-230.00	0.00006
-40.00	-230.00	0.00006	-30.00	-230.00	0.00007
-25.00	-230.00	0.00007	-20.00	-230.00	0.00007
-17.00	-230.00	0.00007	-15.00	-230.00	0.00007
-13.00	-230.00	0.00007	-11.00	-230.00	0.00008
-9.00	-230.00	0.00008	9.00	-230.00	0.00008
11.00	-230.00	0.00008	13.00	-230.00	0.00008
15.00	-230.00	0.00009	17.00	-230.00	0.00009

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00010
50.00	-230.00	0.00010	60.00	-230.00	0.00011
70.00	-230.00	0.00011	80.00	-230.00	0.00012
90.00	-230.00	0.00012	100.00	-230.00	0.00013
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00008
-17.00	-220.00	0.00008	-15.00	-220.00	0.00008
-13.00	-220.00	0.00008	-11.00	-220.00	0.00008
-9.00	-220.00	0.00008	9.00	-220.00	0.00009
11.00	-220.00	0.00009	13.00	-220.00	0.00009

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00009	17.00	-220.00	0.00009
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00010	40.00	-220.00	0.00010
50.00	-220.00	0.00011	60.00	-220.00	0.00011
70.00	-220.00	0.00012	80.00	-220.00	0.00013
90.00	-220.00	0.00013	100.00	-220.00	0.00014
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00007	-30.00	-210.00	0.00007
-25.00	-210.00	0.00008	-20.00	-210.00	0.00008
-17.00	-210.00	0.00008	-15.00	-210.00	0.00008
-13.00	-210.00	0.00008	-11.00	-210.00	0.00008
-9.00	-210.00	0.00009	9.00	-210.00	0.00009
11.00	-210.00	0.00009	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00011
50.00	-210.00	0.00012	60.00	-210.00	0.00012
70.00	-210.00	0.00013	80.00	-210.00	0.00014
90.00	-210.00	0.00014	100.00	-210.00	0.00015
-100.00	-200.00	0.00005	-90.00	-200.00	0.00005
-80.00	-200.00	0.00005	-70.00	-200.00	0.00006
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006
-40.00	-200.00	0.00007	-30.00	-200.00	0.00008
-25.00	-200.00	0.00008	-20.00	-200.00	0.00008

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

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

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00014	80.00	-200.00	0.00015
90.00	-200.00	0.00016	100.00	-200.00	0.00016
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00006	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00007
-40.00	-190.00	0.00007	-30.00	-190.00	0.00008
-25.00	-190.00	0.00009	-20.00	-190.00	0.00009
-17.00	-190.00	0.00009	-15.00	-190.00	0.00009
-13.00	-190.00	0.00009	-11.00	-190.00	0.00010
-9.00	-190.00	0.00010	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00011
15.00	-190.00	0.00011	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00012
30.00	-190.00	0.00012	40.00	-190.00	0.00013
50.00	-190.00	0.00013	60.00	-190.00	0.00014
70.00	-190.00	0.00015	80.00	-190.00	0.00016
90.00	-190.00	0.00017	100.00	-190.00	0.00018
-100.00	-180.00	0.00006	-90.00	-180.00	0.00006
-80.00	-180.00	0.00006	-70.00	-180.00	0.00006
-60.00	-180.00	0.00007	-50.00	-180.00	0.00007
-40.00	-180.00	0.00008	-30.00	-180.00	0.00009
-25.00	-180.00	0.00009	-20.00	-180.00	0.00010
-17.00	-180.00	0.00010	-15.00	-180.00	0.00010
-13.00	-180.00	0.00010	-11.00	-180.00	0.00010
-9.00	-180.00	0.00010	9.00	-180.00	0.00011
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00012	25.00	-180.00	0.00012
30.00	-180.00	0.00013	40.00	-180.00	0.00014
50.00	-180.00	0.00015	60.00	-180.00	0.00016
70.00	-180.00	0.00017	80.00	-180.00	0.00017
90.00	-180.00	0.00018	100.00	-180.00	0.00019

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

04/20/08

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

09:52:50

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00006	-90.00	-170.00	0.00006
-80.00	-170.00	0.00006	-70.00	-170.00	0.00007

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00007	-50.00	-170.00	0.00008
-40.00	-170.00	0.00008	-30.00	-170.00	0.00009
-25.00	-170.00	0.00010	-20.00	-170.00	0.00010
-17.00	-170.00	0.00010	-15.00	-170.00	0.00011
-13.00	-170.00	0.00011	-11.00	-170.00	0.00011
-9.00	-170.00	0.00011	9.00	-170.00	0.00012
11.00	-170.00	0.00012	13.00	-170.00	0.00013
15.00	-170.00	0.00013	17.00	-170.00	0.00013
20.00	-170.00	0.00013	25.00	-170.00	0.00013
30.00	-170.00	0.00014	40.00	-170.00	0.00015
50.00	-170.00	0.00016	60.00	-170.00	0.00017
70.00	-170.00	0.00018	80.00	-170.00	0.00019
90.00	-170.00	0.00020	100.00	-170.00	0.00021
-100.00	-160.00	0.00006	-90.00	-160.00	0.00007
-80.00	-160.00	0.00007	-70.00	-160.00	0.00007
-60.00	-160.00	0.00007	-50.00	-160.00	0.00008
-40.00	-160.00	0.00009	-30.00	-160.00	0.00010
-25.00	-160.00	0.00010	-20.00	-160.00	0.00011
-17.00	-160.00	0.00011	-15.00	-160.00	0.00011
-13.00	-160.00	0.00011	-11.00	-160.00	0.00012
-9.00	-160.00	0.00012	9.00	-160.00	0.00013
11.00	-160.00	0.00013	13.00	-160.00	0.00014
15.00	-160.00	0.00014	17.00	-160.00	0.00014
20.00	-160.00	0.00014	25.00	-160.00	0.00015
30.00	-160.00	0.00015	40.00	-160.00	0.00016
50.00	-160.00	0.00017	60.00	-160.00	0.00018
70.00	-160.00	0.00020	80.00	-160.00	0.00021
90.00	-160.00	0.00022	100.00	-160.00	0.00023
-100.00	-150.00	0.00007	-90.00	-150.00	0.00007
-80.00	-150.00	0.00007	-70.00	-150.00	0.00007
-60.00	-150.00	0.00008	-50.00	-150.00	0.00008
-40.00	-150.00	0.00009	-30.00	-150.00	0.00010
-25.00	-150.00	0.00011	-20.00	-150.00	0.00012
-17.00	-150.00	0.00012	-15.00	-150.00	0.00012
-13.00	-150.00	0.00012	-11.00	-150.00	0.00013
-9.00	-150.00	0.00013	9.00	-150.00	0.00014
11.00	-150.00	0.00015	13.00	-150.00	0.00015
15.00	-150.00	0.00015	17.00	-150.00	0.00015

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

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

09:52:50  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

01NCRA PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00015	25.00	-150.00	0.00016	
30.00	-150.00	0.00016	40.00	-150.00	0.00018	
50.00	-150.00	0.00019	60.00	-150.00	0.00020	
70.00	-150.00	0.00022	80.00	-150.00	0.00023	
90.00	-150.00	0.00024	100.00	-150.00	0.00025	
-100.00	-140.00	0.00007	-90.00	-140.00	0.00007	
-80.00	-140.00	0.00008	-70.00	-140.00	0.00008	
-60.00	-140.00	0.00008	-50.00	-140.00	0.00009	
-40.00	-140.00	0.00010	-30.00	-140.00	0.00011	
-25.00	-140.00	0.00012	-20.00	-140.00	0.00012	
-17.00	-140.00	0.00013	-15.00	-140.00	0.00013	
-13.00	-140.00	0.00013	-11.00	-140.00	0.00014	
-9.00	-140.00	0.00014	9.00	-140.00	0.00016	
11.00	-140.00	0.00016	13.00	-140.00	0.00016	
15.00	-140.00	0.00016	17.00	-140.00	0.00016	
20.00	-140.00	0.00017	25.00	-140.00	0.00017	
30.00	-140.00	0.00018	40.00	-140.00	0.00019	
50.00	-140.00	0.00021	60.00	-140.00	0.00022	
70.00	-140.00	0.00024	80.00	-140.00	0.00025	
90.00	-140.00	0.00026	100.00	-140.00	0.00027	
-100.00	-130.00	0.00008	-90.00	-130.00	0.00008	
-80.00	-130.00	0.00008	-70.00	-130.00	0.00009	
-60.00	-130.00	0.00009	-50.00	-130.00	0.00010	
-40.00	-130.00	0.00010	-30.00	-130.00	0.00012	
-25.00	-130.00	0.00013	-20.00	-130.00	0.00013	
-17.00	-130.00	0.00014	-15.00	-130.00	0.00014	
-13.00	-130.00	0.00014	-11.00	-130.00	0.00015	
-9.00	-130.00	0.00015	9.00	-130.00	0.00017	
11.00	-130.00	0.00017	13.00	-130.00	0.00017	
15.00	-130.00	0.00018	17.00	-130.00	0.00018	
20.00	-130.00	0.00018	25.00	-130.00	0.00019	
30.00	-130.00	0.00020	40.00	-130.00	0.00021	
50.00	-130.00	0.00023	60.00	-130.00	0.00025	
70.00	-130.00	0.00026	80.00	-130.00	0.00028	
90.00	-130.00	0.00029	100.00	-130.00	0.00030	
-100.00	-120.00	0.00008	-90.00	-120.00	0.00009	
-80.00	-120.00	0.00009	-70.00	-120.00	0.00009	
-60.00	-120.00	0.00010	-50.00	-120.00	0.00010	
-40.00	-120.00	0.00011	-30.00	-120.00	0.00013	
-25.00	-120.00	0.00013	-20.00	-120.00	0.00014	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00015	-15.00	-120.00	0.00015
-13.00	-120.00	0.00015	-11.00	-120.00	0.00016
-9.00	-120.00	0.00016	9.00	-120.00	0.00019
11.00	-120.00	0.00019	13.00	-120.00	0.00019
15.00	-120.00	0.00019	17.00	-120.00	0.00020
20.00	-120.00	0.00020	25.00	-120.00	0.00021
30.00	-120.00	0.00022	40.00	-120.00	0.00024
50.00	-120.00	0.00026	60.00	-120.00	0.00028
70.00	-120.00	0.00029	80.00	-120.00	0.00031
90.00	-120.00	0.00032	100.00	-120.00	0.00033
-100.00	-110.00	0.00009	-90.00	-110.00	0.00009
-80.00	-110.00	0.00010	-70.00	-110.00	0.00010
-60.00	-110.00	0.00010	-50.00	-110.00	0.00011
-40.00	-110.00	0.00012	-30.00	-110.00	0.00014
-25.00	-110.00	0.00014	-20.00	-110.00	0.00015
-17.00	-110.00	0.00016	-15.00	-110.00	0.00016
-13.00	-110.00	0.00017	-11.00	-110.00	0.00017
-9.00	-110.00	0.00018	9.00	-110.00	0.00020
11.00	-110.00	0.00021	13.00	-110.00	0.00021
15.00	-110.00	0.00021	17.00	-110.00	0.00022
20.00	-110.00	0.00022	25.00	-110.00	0.00023
30.00	-110.00	0.00024	40.00	-110.00	0.00026
50.00	-110.00	0.00029	60.00	-110.00	0.00031
70.00	-110.00	0.00033	80.00	-110.00	0.00035
90.00	-110.00	0.00036	100.00	-110.00	0.00037
-100.00	-100.00	0.00009	-90.00	-100.00	0.00010
-80.00	-100.00	0.00010	-70.00	-100.00	0.00011
-60.00	-100.00	0.00011	-50.00	-100.00	0.00012
-40.00	-100.00	0.00013	-30.00	-100.00	0.00015
-25.00	-100.00	0.00016	-20.00	-100.00	0.00017
-17.00	-100.00	0.00017	-15.00	-100.00	0.00018
-13.00	-100.00	0.00018	-11.00	-100.00	0.00019
-9.00	-100.00	0.00019	9.00	-100.00	0.00023
11.00	-100.00	0.00023	13.00	-100.00	0.00023



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00024	17.00	-100.00	0.00024
20.00	-100.00	0.00025	25.00	-100.00	0.00026
30.00	-100.00	0.00027	40.00	-100.00	0.00030
50.00	-100.00	0.00032	60.00	-100.00	0.00035
70.00	-100.00	0.00037	80.00	-100.00	0.00039
90.00	-100.00	0.00040	100.00	-100.00	0.00041

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00010	-90.00	-90.00	0.00011
-80.00	-90.00	0.00011	-70.00	-90.00	0.00012
-60.00	-90.00	0.00012	-50.00	-90.00	0.00013
-40.00	-90.00	0.00014	-30.00	-90.00	0.00016
-25.00	-90.00	0.00017	-20.00	-90.00	0.00018
-17.00	-90.00	0.00019	-15.00	-90.00	0.00020
-13.00	-90.00	0.00020	-11.00	-90.00	0.00021
-9.00	-90.00	0.00021	9.00	-90.00	0.00025
11.00	-90.00	0.00025	13.00	-90.00	0.00026
15.00	-90.00	0.00026	17.00	-90.00	0.00027
20.00	-90.00	0.00027	25.00	-90.00	0.00029
30.00	-90.00	0.00030	40.00	-90.00	0.00033
50.00	-90.00	0.00037	60.00	-90.00	0.00039
70.00	-90.00	0.00042	80.00	-90.00	0.00044
90.00	-90.00	0.00045	100.00	-90.00	0.00047
-100.00	-80.00	0.00011	-90.00	-80.00	0.00012
-80.00	-80.00	0.00012	-70.00	-80.00	0.00013
-60.00	-80.00	0.00013	-50.00	-80.00	0.00014
-40.00	-80.00	0.00015	-30.00	-80.00	0.00017
-25.00	-80.00	0.00018	-20.00	-80.00	0.00020
-17.00	-80.00	0.00021	-15.00	-80.00	0.00021
-13.00	-80.00	0.00022	-11.00	-80.00	0.00023
-9.00	-80.00	0.00023	9.00	-80.00	0.00028
11.00	-80.00	0.00028	13.00	-80.00	0.00029
15.00	-80.00	0.00029	17.00	-80.00	0.00030
20.00	-80.00	0.00031	25.00	-80.00	0.00033
30.00	-80.00	0.00034	40.00	-80.00	0.00038
50.00	-80.00	0.00042	60.00	-80.00	0.00045

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00048	80.00	-80.00	0.00050
90.00	-80.00	0.00051	100.00	-80.00	0.00053
-100.00	-70.00	0.00012	-90.00	-70.00	0.00012
-80.00	-70.00	0.00013	-70.00	-70.00	0.00014
-60.00	-70.00	0.00015	-50.00	-70.00	0.00015
-40.00	-70.00	0.00016	-30.00	-70.00	0.00018
-25.00	-70.00	0.00020	-20.00	-70.00	0.00022
-17.00	-70.00	0.00023	-15.00	-70.00	0.00024
-13.00	-70.00	0.00024	-11.00	-70.00	0.00025
-9.00	-70.00	0.00026	9.00	-70.00	0.00031
11.00	-70.00	0.00032	13.00	-70.00	0.00033
15.00	-70.00	0.00033	17.00	-70.00	0.00034

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00035	25.00	-70.00	0.00037
30.00	-70.00	0.00039	40.00	-70.00	0.00044
50.00	-70.00	0.00048	60.00	-70.00	0.00052
70.00	-70.00	0.00055	80.00	-70.00	0.00057
90.00	-70.00	0.00059	100.00	-70.00	0.00060
-100.00	-60.00	0.00013	-90.00	-60.00	0.00014
-80.00	-60.00	0.00014	-70.00	-60.00	0.00015
-60.00	-60.00	0.00016	-50.00	-60.00	0.00017
-40.00	-60.00	0.00018	-30.00	-60.00	0.00020
-25.00	-60.00	0.00022	-20.00	-60.00	0.00024
-17.00	-60.00	0.00025	-15.00	-60.00	0.00026
-13.00	-60.00	0.00027	-11.00	-60.00	0.00028
-9.00	-60.00	0.00029	9.00	-60.00	0.00036
11.00	-60.00	0.00036	13.00	-60.00	0.00037
15.00	-60.00	0.00038	17.00	-60.00	0.00039
20.00	-60.00	0.00040	25.00	-60.00	0.00043
30.00	-60.00	0.00046	40.00	-60.00	0.00051
50.00	-60.00	0.00056	60.00	-60.00	0.00060
70.00	-60.00	0.00063	80.00	-60.00	0.00066
90.00	-60.00	0.00068	100.00	-60.00	0.00069
-100.00	-50.00	0.00014	-90.00	-50.00	0.00015
-80.00	-50.00	0.00016	-70.00	-50.00	0.00017

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00018	-50.00	-50.00	0.00019
-40.00	-50.00	0.00020	-30.00	-50.00	0.00022
-25.00	-50.00	0.00024	-20.00	-50.00	0.00026
-17.00	-50.00	0.00028	-15.00	-50.00	0.00029
-13.00	-50.00	0.00030	-11.00	-50.00	0.00031
-9.00	-50.00	0.00032	9.00	-50.00	0.00041
11.00	-50.00	0.00042	13.00	-50.00	0.00043
15.00	-50.00	0.00044	17.00	-50.00	0.00045
20.00	-50.00	0.00047	25.00	-50.00	0.00050
30.00	-50.00	0.00053	40.00	-50.00	0.00060
50.00	-50.00	0.00066	60.00	-50.00	0.00070
70.00	-50.00	0.00074	80.00	-50.00	0.00077
90.00	-50.00	0.00079	100.00	-50.00	0.00080
-100.00	-40.00	0.00015	-90.00	-40.00	0.00016
-80.00	-40.00	0.00017	-70.00	-40.00	0.00019
-60.00	-40.00	0.00020	-50.00	-40.00	0.00021
-40.00	-40.00	0.00023	-30.00	-40.00	0.00025
-25.00	-40.00	0.00027	-20.00	-40.00	0.00029

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00031	-15.00	-40.00	0.00032
-13.00	-40.00	0.00034	-11.00	-40.00	0.00035
-9.00	-40.00	0.00036	9.00	-40.00	0.00047
11.00	-40.00	0.00048	13.00	-40.00	0.00050
15.00	-40.00	0.00051	17.00	-40.00	0.00052
20.00	-40.00	0.00055	25.00	-40.00	0.00059
30.00	-40.00	0.00063	40.00	-40.00	0.00071
50.00	-40.00	0.00078	60.00	-40.00	0.00083
70.00	-40.00	0.00087	80.00	-40.00	0.00090
90.00	-40.00	0.00092	100.00	-40.00	0.00093
-100.00	-30.00	0.00016	-90.00	-30.00	0.00017
-80.00	-30.00	0.00019	-70.00	-30.00	0.00020
-60.00	-30.00	0.00022	-50.00	-30.00	0.00024
-40.00	-30.00	0.00025	-30.00	-30.00	0.00028
-25.00	-30.00	0.00030	-20.00	-30.00	0.00032
-17.00	-30.00	0.00034	-15.00	-30.00	0.00036

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00038	-11.00	-30.00	0.00039
-9.00	-30.00	0.00041	9.00	-30.00	0.00055
11.00	-30.00	0.00057	13.00	-30.00	0.00058
15.00	-30.00	0.00060	17.00	-30.00	0.00062
20.00	-30.00	0.00065	25.00	-30.00	0.00071
30.00	-30.00	0.00076	40.00	-30.00	0.00086
50.00	-30.00	0.00094	60.00	-30.00	0.00100
70.00	-30.00	0.00104	80.00	-30.00	0.00107
90.00	-30.00	0.00108	100.00	-30.00	0.00107
-100.00	-20.00	0.00017	-90.00	-20.00	0.00019
-80.00	-20.00	0.00021	-70.00	-20.00	0.00023
-60.00	-20.00	0.00025	-50.00	-20.00	0.00027
-40.00	-20.00	0.00029	-30.00	-20.00	0.00031
-25.00	-20.00	0.00033	-20.00	-20.00	0.00036
-17.00	-20.00	0.00039	-15.00	-20.00	0.00040
-13.00	-20.00	0.00042	-11.00	-20.00	0.00045
-9.00	-20.00	0.00047	9.00	-20.00	0.00065
11.00	-20.00	0.00068	13.00	-20.00	0.00070
15.00	-20.00	0.00073	17.00	-20.00	0.00075
20.00	-20.00	0.00079	25.00	-20.00	0.00087
30.00	-20.00	0.00094	40.00	-20.00	0.00105
50.00	-20.00	0.00115	60.00	-20.00	0.00122
70.00	-20.00	0.00126	80.00	-20.00	0.00128
90.00	-20.00	0.00127	100.00	-20.00	0.00123

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00018	-90.00	-10.00	0.00020
-80.00	-10.00	0.00023	-70.00	-10.00	0.00025
-60.00	-10.00	0.00028	-50.00	-10.00	0.00030
-40.00	-10.00	0.00033	-30.00	-10.00	0.00036
-25.00	-10.00	0.00038	-20.00	-10.00	0.00041
-17.00	-10.00	0.00043	-15.00	-10.00	0.00046
-13.00	-10.00	0.00048	-11.00	-10.00	0.00051
-9.00	-10.00	0.00054	9.00	-10.00	0.00079
11.00	-10.00	0.00082	13.00	-10.00	0.00085
15.00	-10.00	0.00089	17.00	-10.00	0.00093

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00099	25.00	-10.00	0.00108
30.00	-10.00	0.00117	40.00	-10.00	0.00132
50.00	-10.00	0.00143	60.00	-10.00	0.00151
70.00	-10.00	0.00154	80.00	-10.00	0.00152
90.00	-10.00	0.00147	100.00	-10.00	0.00140
-100.00	0.00	0.00019	-90.00	0.00	0.00021
-80.00	0.00	0.00024	-70.00	0.00	0.00027
-60.00	0.00	0.00031	-50.00	0.00	0.00034
-40.00	0.00	0.00037	-30.00	0.00	0.00041
-25.00	0.00	0.00044	-20.00	0.00	0.00047
-17.00	0.00	0.00049	-15.00	0.00	0.00052
-13.00	0.00	0.00054	-11.00	0.00	0.00058
-9.00	0.00	0.00061	9.00	0.00	0.00097
11.00	0.00	0.00101	13.00	0.00	0.00107
15.00	0.00	0.00112	17.00	0.00	0.00117
20.00	0.00	0.00126	25.00	0.00	0.00139
30.00	0.00	0.00150	40.00	0.00	0.00170
50.00	0.00	0.00183	60.00	0.00	0.00188
70.00	0.00	0.00186	80.00	0.00	0.00178
90.00	0.00	0.00167	100.00	0.00	0.00155
-100.00	10.00	0.00019	-90.00	10.00	0.00022
-80.00	10.00	0.00025	-70.00	10.00	0.00029
-60.00	10.00	0.00034	-50.00	10.00	0.00038
-40.00	10.00	0.00043	-30.00	10.00	0.00048
-25.00	10.00	0.00050	-20.00	10.00	0.00054
-17.00	10.00	0.00057	-15.00	10.00	0.00059
-13.00	10.00	0.00062	-11.00	10.00	0.00066
-9.00	10.00	0.00070	9.00	10.00	0.00122
11.00	10.00	0.00130	13.00	10.00	0.00137
15.00	10.00	0.00145	17.00	10.00	0.00154

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00165	25.00	10.00	0.00184
30.00	10.00	0.00200	40.00	10.00	0.00225
50.00	10.00	0.00235	60.00	10.00	0.00232
70.00	10.00	0.00220	80.00	10.00	0.00203

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00185	100.00	10.00	0.00167
-100.00	20.00	0.00020	-90.00	20.00	0.00023
-80.00	20.00	0.00027	-70.00	20.00	0.00031
-60.00	20.00	0.00036	-50.00	20.00	0.00042
-40.00	20.00	0.00048	-30.00	20.00	0.00055
-25.00	20.00	0.00058	-20.00	20.00	0.00063
-17.00	20.00	0.00066	-15.00	20.00	0.00068
-13.00	20.00	0.00072	-11.00	20.00	0.00076
-9.00	20.00	0.00081	9.00	20.00	0.00161
11.00	20.00	0.00173	13.00	20.00	0.00186
15.00	20.00	0.00198	17.00	20.00	0.00211
20.00	20.00	0.00230	25.00	20.00	0.00258
30.00	20.00	0.00280	40.00	20.00	0.00301
50.00	20.00	0.00295	60.00	20.00	0.00275
70.00	20.00	0.00249	80.00	20.00	0.00223
90.00	20.00	0.00199	100.00	20.00	0.00176
-100.00	30.00	0.00021	-90.00	30.00	0.00024
-80.00	30.00	0.00028	-70.00	30.00	0.00033
-60.00	30.00	0.00038	-50.00	30.00	0.00045
-40.00	30.00	0.00053	-30.00	30.00	0.00062
-25.00	30.00	0.00067	-20.00	30.00	0.00073
-17.00	30.00	0.00077	-15.00	30.00	0.00080
-13.00	30.00	0.00083	-11.00	30.00	0.00088
-9.00	30.00	0.00093	9.00	30.00	0.00229
11.00	30.00	0.00253	13.00	30.00	0.00276
15.00	30.00	0.00298	17.00	30.00	0.00320
20.00	30.00	0.00347	25.00	30.00	0.00379
30.00	30.00	0.00391	40.00	30.00	0.00381
50.00	30.00	0.00348	60.00	30.00	0.00310
70.00	30.00	0.00272	80.00	30.00	0.00238
90.00	30.00	0.00207	100.00	30.00	0.00180
-100.00	40.00	0.00022	-90.00	40.00	0.00026
-80.00	40.00	0.00030	-70.00	40.00	0.00035
-60.00	40.00	0.00042	-50.00	40.00	0.00049
-40.00	40.00	0.00058	-30.00	40.00	0.00068
-25.00	40.00	0.00074	-20.00	40.00	0.00081

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00086	-15.00	40.00	0.00091
-13.00	40.00	0.00096	-11.00	40.00	0.00103
-9.00	40.00	0.00111	9.00	40.00	0.00410
11.00	40.00	0.00444	13.00	40.00	0.00469
15.00	40.00	0.00486	17.00	40.00	0.00498
20.00	40.00	0.00507	25.00	40.00	0.00506
30.00	40.00	0.00491	40.00	40.00	0.00441
50.00	40.00	0.00385	60.00	40.00	0.00333
70.00	40.00	0.00286	80.00	40.00	0.00245
90.00	40.00	0.00209	100.00	40.00	0.00179
-100.00	50.00	0.00023	-90.00	50.00	0.00027
-80.00	50.00	0.00032	-70.00	50.00	0.00038
-60.00	50.00	0.00045	-50.00	50.00	0.00054
-40.00	50.00	0.00065	-30.00	50.00	0.00079
-25.00	50.00	0.00087	-20.00	50.00	0.00096
-17.00	50.00	0.00104	-15.00	50.00	0.00110
-13.00	50.00	0.00117	-11.00	50.00	0.00127
-9.00	50.00	0.00141	9.00	50.00	0.00574
11.00	50.00	0.00583	13.00	50.00	0.00590
15.00	50.00	0.00594	17.00	50.00	0.00595
20.00	50.00	0.00590	25.00	50.00	0.00570
30.00	50.00	0.00541	40.00	50.00	0.00472
50.00	50.00	0.00403	60.00	50.00	0.00341
70.00	50.00	0.00288	80.00	50.00	0.00243
90.00	50.00	0.00205	100.00	50.00	0.00173
-100.00	60.00	0.00025	-90.00	60.00	0.00029
-80.00	60.00	0.00035	-70.00	60.00	0.00042
-60.00	60.00	0.00050	-50.00	60.00	0.00061
-40.00	60.00	0.00076	-30.00	60.00	0.00094
-25.00	60.00	0.00105	-20.00	60.00	0.00119
-17.00	60.00	0.00130	-15.00	60.00	0.00138
-13.00	60.00	0.00148	-11.00	60.00	0.00161
-9.00	60.00	0.00177	9.00	60.00	0.00589
11.00	60.00	0.00598	13.00	60.00	0.00605
15.00	60.00	0.00609	17.00	60.00	0.00610
20.00	60.00	0.00605	25.00	60.00	0.00583
30.00	60.00	0.00551	40.00	60.00	0.00476
50.00	60.00	0.00402	60.00	60.00	0.00336
70.00	60.00	0.00279	80.00	60.00	0.00232
90.00	60.00	0.00193	100.00	60.00	0.00161

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00026	-90.00	70.00	0.00031
-80.00	70.00	0.00037	-70.00	70.00	0.00045
-60.00	70.00	0.00056	-50.00	70.00	0.00069
-40.00	70.00	0.00086	-30.00	70.00	0.00109
-25.00	70.00	0.00123	-20.00	70.00	0.00139
-17.00	70.00	0.00151	-15.00	70.00	0.00159
-13.00	70.00	0.00169	-11.00	70.00	0.00180
-9.00	70.00	0.00194	9.00	70.00	0.00590
11.00	70.00	0.00598	13.00	70.00	0.00604
15.00	70.00	0.00607	17.00	70.00	0.00607
20.00	70.00	0.00600	25.00	70.00	0.00576
30.00	70.00	0.00542	40.00	70.00	0.00464
50.00	70.00	0.00387	60.00	70.00	0.00319
70.00	70.00	0.00261	80.00	70.00	0.00213
90.00	70.00	0.00175	100.00	70.00	0.00145
-100.00	80.00	0.00029	-90.00	80.00	0.00034
-80.00	80.00	0.00040	-70.00	80.00	0.00049
-60.00	80.00	0.00060	-50.00	80.00	0.00075
-40.00	80.00	0.00094	-30.00	80.00	0.00119
-25.00	80.00	0.00134	-20.00	80.00	0.00151
-17.00	80.00	0.00162	-15.00	80.00	0.00169
-13.00	80.00	0.00177	-11.00	80.00	0.00187
-9.00	80.00	0.00198	9.00	80.00	0.00583
11.00	80.00	0.00589	13.00	80.00	0.00595
15.00	80.00	0.00596	17.00	80.00	0.00594
20.00	80.00	0.00585	25.00	80.00	0.00558
30.00	80.00	0.00522	40.00	80.00	0.00440
50.00	80.00	0.00360	60.00	80.00	0.00290
70.00	80.00	0.00233	80.00	80.00	0.00188
90.00	80.00	0.00153	100.00	80.00	0.00126
-100.00	90.00	0.00031	-90.00	90.00	0.00036
-80.00	90.00	0.00043	-70.00	90.00	0.00052
-60.00	90.00	0.00063	-50.00	90.00	0.00079
-40.00	90.00	0.00100	-30.00	90.00	0.00125
-25.00	90.00	0.00139	-20.00	90.00	0.00155
-17.00	90.00	0.00164	-15.00	90.00	0.00171



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00178	-11.00	90.00	0.00186
-9.00	90.00	0.00197	9.00	90.00	0.00567
11.00	90.00	0.00572	13.00	90.00	0.00576
15.00	90.00	0.00575	17.00	90.00	0.00572

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

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 \*\*MODELOPTs:  
 PAGE 56  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00560	25.00	90.00	0.00529
30.00	90.00	0.00489	40.00	90.00	0.00401
50.00	90.00	0.00318	60.00	90.00	0.00250
70.00	90.00	0.00197	80.00	90.00	0.00158
90.00	90.00	0.00128	100.00	90.00	0.00106
-100.00	100.00	0.00033	-90.00	100.00	0.00038
-80.00	100.00	0.00045	-70.00	100.00	0.00054
-60.00	100.00	0.00066	-50.00	100.00	0.00082
-40.00	100.00	0.00101	-30.00	100.00	0.00126
-25.00	100.00	0.00139	-20.00	100.00	0.00153
-17.00	100.00	0.00161	-15.00	100.00	0.00167
-13.00	100.00	0.00174	-11.00	100.00	0.00181
-9.00	100.00	0.00190	9.00	100.00	0.00542
11.00	100.00	0.00544	13.00	100.00	0.00545
15.00	100.00	0.00542	17.00	100.00	0.00536
20.00	100.00	0.00520	25.00	100.00	0.00483
30.00	100.00	0.00437	40.00	100.00	0.00342
50.00	100.00	0.00262	60.00	100.00	0.00201
70.00	100.00	0.00158	80.00	100.00	0.00127
90.00	100.00	0.00104	100.00	100.00	0.00087
-100.00	110.00	0.00034	-90.00	110.00	0.00040
-80.00	110.00	0.00047	-70.00	110.00	0.00057
-60.00	110.00	0.00068	-50.00	110.00	0.00083
-40.00	110.00	0.00101	-30.00	110.00	0.00122
-25.00	110.00	0.00134	-20.00	110.00	0.00146
-17.00	110.00	0.00154	-15.00	110.00	0.00160
-13.00	110.00	0.00166	-11.00	110.00	0.00172
-9.00	110.00	0.00180	9.00	110.00	0.00502
11.00	110.00	0.00499	13.00	110.00	0.00494
15.00	110.00	0.00487	17.00	110.00	0.00476

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00454	25.00	110.00	0.00406
30.00	110.00	0.00354	40.00	110.00	0.00262
50.00	110.00	0.00196	60.00	110.00	0.00151
70.00	110.00	0.00121	80.00	110.00	0.00099
90.00	110.00	0.00082	100.00	110.00	0.00070
-100.00	120.00	0.00035	-90.00	120.00	0.00041
-80.00	120.00	0.00048	-70.00	120.00	0.00057
-60.00	120.00	0.00069	-50.00	120.00	0.00083
-40.00	120.00	0.00099	-30.00	120.00	0.00117
-25.00	120.00	0.00127	-20.00	120.00	0.00137

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00144	-15.00	120.00	0.00149
-13.00	120.00	0.00154	-11.00	120.00	0.00160
-9.00	120.00	0.00167	9.00	120.00	0.00430
11.00	120.00	0.00416	13.00	120.00	0.00401
15.00	120.00	0.00383	17.00	120.00	0.00363
20.00	120.00	0.00331	25.00	120.00	0.00280
30.00	120.00	0.00237	40.00	120.00	0.00175
50.00	120.00	0.00134	60.00	120.00	0.00107
70.00	120.00	0.00088	80.00	120.00	0.00074
90.00	120.00	0.00063	100.00	120.00	0.00054
-100.00	130.00	0.00035	-90.00	130.00	0.00041
-80.00	130.00	0.00048	-70.00	130.00	0.00057
-60.00	130.00	0.00067	-50.00	130.00	0.00080
-40.00	130.00	0.00095	-30.00	130.00	0.00111
-25.00	130.00	0.00119	-20.00	130.00	0.00127
-17.00	130.00	0.00132	-15.00	130.00	0.00136
-13.00	130.00	0.00139	-11.00	130.00	0.00143
-9.00	130.00	0.00147	9.00	130.00	0.00244
11.00	130.00	0.00220	13.00	130.00	0.00202
15.00	130.00	0.00189	17.00	130.00	0.00178
20.00	130.00	0.00165	25.00	130.00	0.00146
30.00	130.00	0.00130	40.00	130.00	0.00104
50.00	130.00	0.00086	60.00	130.00	0.00072
70.00	130.00	0.00061	80.00	130.00	0.00053

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00047	100.00	130.00	0.00041
-100.00	140.00	0.00035	-90.00	140.00	0.00040
-80.00	140.00	0.00047	-70.00	140.00	0.00055
-60.00	140.00	0.00064	-50.00	140.00	0.00075
-40.00	140.00	0.00087	-30.00	140.00	0.00099
-25.00	140.00	0.00105	-20.00	140.00	0.00110
-17.00	140.00	0.00113	-15.00	140.00	0.00114
-13.00	140.00	0.00115	-11.00	140.00	0.00115
-9.00	140.00	0.00113	9.00	140.00	0.00073
11.00	140.00	0.00073	13.00	140.00	0.00073
15.00	140.00	0.00073	17.00	140.00	0.00073
20.00	140.00	0.00073	25.00	140.00	0.00071
30.00	140.00	0.00068	40.00	140.00	0.00061
50.00	140.00	0.00054	60.00	140.00	0.00048
70.00	140.00	0.00043	80.00	140.00	0.00038
90.00	140.00	0.00035	100.00	140.00	0.00031

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00034	-90.00	150.00	0.00039
-80.00	150.00	0.00044	-70.00	150.00	0.00051
-60.00	150.00	0.00058	-50.00	150.00	0.00067
-40.00	150.00	0.00074	-30.00	150.00	0.00081
-25.00	150.00	0.00083	-20.00	150.00	0.00084
-17.00	150.00	0.00083	-15.00	150.00	0.00081
-13.00	150.00	0.00079	-11.00	150.00	0.00076
-9.00	150.00	0.00072	9.00	150.00	0.00048
11.00	150.00	0.00048	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00039
50.00	150.00	0.00036	60.00	150.00	0.00033
70.00	150.00	0.00031	80.00	150.00	0.00028
90.00	150.00	0.00026	100.00	150.00	0.00024
-100.00	160.00	0.00032	-90.00	160.00	0.00036
-80.00	160.00	0.00041	-70.00	160.00	0.00046
-60.00	160.00	0.00051	-50.00	160.00	0.00057

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00061	-30.00	160.00	0.00063
-25.00	160.00	0.00062	-20.00	160.00	0.00059
-17.00	160.00	0.00057	-15.00	160.00	0.00055
-13.00	160.00	0.00053	-11.00	160.00	0.00050
-9.00	160.00	0.00048	9.00	160.00	0.00035
11.00	160.00	0.00035	13.00	160.00	0.00035
15.00	160.00	0.00035	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00032	40.00	160.00	0.00029
50.00	160.00	0.00027	60.00	160.00	0.00025
70.00	160.00	0.00023	80.00	160.00	0.00021
90.00	160.00	0.00020	100.00	160.00	0.00019
-100.00	170.00	0.00030	-90.00	170.00	0.00033
-80.00	170.00	0.00037	-70.00	170.00	0.00041
-60.00	170.00	0.00045	-50.00	170.00	0.00048
-40.00	170.00	0.00049	-30.00	170.00	0.00047
-25.00	170.00	0.00045	-20.00	170.00	0.00042
-17.00	170.00	0.00040	-15.00	170.00	0.00039
-13.00	170.00	0.00037	-11.00	170.00	0.00036
-9.00	170.00	0.00035	9.00	170.00	0.00026
11.00	170.00	0.00026	13.00	170.00	0.00026
15.00	170.00	0.00026	17.00	170.00	0.00027

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00027	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00023
50.00	170.00	0.00021	60.00	170.00	0.00019
70.00	170.00	0.00018	80.00	170.00	0.00017
90.00	170.00	0.00016	100.00	170.00	0.00015
-100.00	180.00	0.00027	-90.00	180.00	0.00030
-80.00	180.00	0.00033	-70.00	180.00	0.00036
-60.00	180.00	0.00038	-50.00	180.00	0.00039
-40.00	180.00	0.00038	-30.00	180.00	0.00035
-25.00	180.00	0.00033	-20.00	180.00	0.00031
-17.00	180.00	0.00030	-15.00	180.00	0.00029
-13.00	180.00	0.00028	-11.00	180.00	0.00027

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00026	9.00	180.00	0.00020
11.00	180.00	0.00020	13.00	180.00	0.00021
15.00	180.00	0.00021	17.00	180.00	0.00021
20.00	180.00	0.00021	25.00	180.00	0.00021
30.00	180.00	0.00021	40.00	180.00	0.00019
50.00	180.00	0.00018	60.00	180.00	0.00016
70.00	180.00	0.00015	80.00	180.00	0.00014
90.00	180.00	0.00013	100.00	180.00	0.00012
-100.00	190.00	0.00025	-90.00	190.00	0.00027
-80.00	190.00	0.00029	-70.00	190.00	0.00031
-60.00	190.00	0.00032	-50.00	190.00	0.00031
-40.00	190.00	0.00030	-30.00	190.00	0.00027
-25.00	190.00	0.00025	-20.00	190.00	0.00024
-17.00	190.00	0.00023	-15.00	190.00	0.00023
-13.00	190.00	0.00022	-11.00	190.00	0.00021
-9.00	190.00	0.00021	9.00	190.00	0.00016
11.00	190.00	0.00016	13.00	190.00	0.00016
15.00	190.00	0.00017	17.00	190.00	0.00017
20.00	190.00	0.00017	25.00	190.00	0.00017
30.00	190.00	0.00017	40.00	190.00	0.00016
50.00	190.00	0.00015	60.00	190.00	0.00014
70.00	190.00	0.00013	80.00	190.00	0.00012
90.00	190.00	0.00011	100.00	190.00	0.00010
-100.00	200.00	0.00023	-90.00	200.00	0.00024
-80.00	200.00	0.00025	-70.00	200.00	0.00026
-60.00	200.00	0.00026	-50.00	200.00	0.00025
-40.00	200.00	0.00023	-30.00	200.00	0.00021
-25.00	200.00	0.00020	-20.00	200.00	0.00019

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

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

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00019	-15.00	200.00	0.00018
-13.00	200.00	0.00018	-11.00	200.00	0.00017
-9.00	200.00	0.00017	9.00	200.00	0.00014
11.00	200.00	0.00013	13.00	200.00	0.00014
15.00	200.00	0.00014	17.00	200.00	0.00014
20.00	200.00	0.00014	25.00	200.00	0.00014

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00014	40.00	200.00	0.00014
50.00	200.00	0.00013	60.00	200.00	0.00012
70.00	200.00	0.00011	80.00	200.00	0.00010
90.00	200.00	0.00009	100.00	200.00	0.00009
-100.00	210.00	0.00020	-90.00	210.00	0.00021
-80.00	210.00	0.00022	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00020
-40.00	210.00	0.00019	-30.00	210.00	0.00017
-25.00	210.00	0.00016	-20.00	210.00	0.00016
-17.00	210.00	0.00015	-15.00	210.00	0.00015
-13.00	210.00	0.00015	-11.00	210.00	0.00014
-9.00	210.00	0.00014	9.00	210.00	0.00011
11.00	210.00	0.00011	13.00	210.00	0.00011
15.00	210.00	0.00011	17.00	210.00	0.00011
20.00	210.00	0.00011	25.00	210.00	0.00012
30.00	210.00	0.00012	40.00	210.00	0.00012
50.00	210.00	0.00012	60.00	210.00	0.00011
70.00	210.00	0.00010	80.00	210.00	0.00009
90.00	210.00	0.00008	100.00	210.00	0.00008
-100.00	220.00	0.00018	-90.00	220.00	0.00019
-80.00	220.00	0.00019	-70.00	220.00	0.00019
-60.00	220.00	0.00018	-50.00	220.00	0.00017
-40.00	220.00	0.00015	-30.00	220.00	0.00014
-25.00	220.00	0.00014	-20.00	220.00	0.00013
-17.00	220.00	0.00013	-15.00	220.00	0.00013
-13.00	220.00	0.00012	-11.00	220.00	0.00012
-9.00	220.00	0.00012	9.00	220.00	0.00010
11.00	220.00	0.00010	13.00	220.00	0.00010
15.00	220.00	0.00010	17.00	220.00	0.00010
20.00	220.00	0.00010	25.00	220.00	0.00010
30.00	220.00	0.00010	40.00	220.00	0.00010
50.00	220.00	0.00010	60.00	220.00	0.00010
70.00	220.00	0.00009	80.00	220.00	0.00008
90.00	220.00	0.00008	100.00	220.00	0.00007

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00016	-90.00	230.00	0.00016
-80.00	230.00	0.00016	-70.00	230.00	0.00016
-60.00	230.00	0.00015	-50.00	230.00	0.00014
-40.00	230.00	0.00012	-30.00	230.00	0.00012
-25.00	230.00	0.00012	-20.00	230.00	0.00011
-17.00	230.00	0.00011	-15.00	230.00	0.00011
-13.00	230.00	0.00010	-11.00	230.00	0.00010
-9.00	230.00	0.00010	9.00	230.00	0.00008
11.00	230.00	0.00008	13.00	230.00	0.00008
15.00	230.00	0.00008	17.00	230.00	0.00008
20.00	230.00	0.00008	25.00	230.00	0.00008
30.00	230.00	0.00008	40.00	230.00	0.00009
50.00	230.00	0.00009	60.00	230.00	0.00009
70.00	230.00	0.00008	80.00	230.00	0.00008
90.00	230.00	0.00007	100.00	230.00	0.00006
-100.00	240.00	0.00014	-90.00	240.00	0.00014
-80.00	240.00	0.00014	-70.00	240.00	0.00013
-60.00	240.00	0.00013	-50.00	240.00	0.00011
-40.00	240.00	0.00011	-30.00	240.00	0.00010
-25.00	240.00	0.00010	-20.00	240.00	0.00010
-17.00	240.00	0.00009	-15.00	240.00	0.00009
-13.00	240.00	0.00009	-11.00	240.00	0.00009
-9.00	240.00	0.00009	9.00	240.00	0.00007
11.00	240.00	0.00007	13.00	240.00	0.00007
15.00	240.00	0.00007	17.00	240.00	0.00007
20.00	240.00	0.00007	25.00	240.00	0.00007
30.00	240.00	0.00007	40.00	240.00	0.00007
50.00	240.00	0.00008	60.00	240.00	0.00008
70.00	240.00	0.00007	80.00	240.00	0.00007
90.00	240.00	0.00006	100.00	240.00	0.00006
-100.00	250.00	0.00013	-90.00	250.00	0.00012
-80.00	250.00	0.00012	-70.00	250.00	0.00011
-60.00	250.00	0.00011	-50.00	250.00	0.00010
-40.00	250.00	0.00009	-30.00	250.00	0.00009
-25.00	250.00	0.00009	-20.00	250.00	0.00008
-17.00	250.00	0.00008	-15.00	250.00	0.00008
-13.00	250.00	0.00008	-11.00	250.00	0.00008
-9.00	250.00	0.00007	9.00	250.00	0.00006
11.00	250.00	0.00006	13.00	250.00	0.00006
15.00	250.00	0.00006	17.00	250.00	0.00006

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00006	25.00	250.00	0.00006
30.00	250.00	0.00006	40.00	250.00	0.00007
50.00	250.00	0.00007	60.00	250.00	0.00007
70.00	250.00	0.00007	80.00	250.00	0.00006
90.00	250.00	0.00006	100.00	250.00	0.00006

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00007
-80.00	-250.00	0.00007	-70.00	-250.00	0.00007
-60.00	-250.00	0.00007	-50.00	-250.00	0.00008
-40.00	-250.00	0.00009	-30.00	-250.00	0.00010
-25.00	-250.00	0.00010	-20.00	-250.00	0.00011
-17.00	-250.00	0.00011	-15.00	-250.00	0.00011
-13.00	-250.00	0.00011	-11.00	-250.00	0.00012
-9.00	-250.00	0.00012	9.00	-250.00	0.00013
11.00	-250.00	0.00013	13.00	-250.00	0.00014
15.00	-250.00	0.00014	17.00	-250.00	0.00014
20.00	-250.00	0.00014	25.00	-250.00	0.00015
30.00	-250.00	0.00015	40.00	-250.00	0.00016
50.00	-250.00	0.00017	60.00	-250.00	0.00018
70.00	-250.00	0.00020	80.00	-250.00	0.00021
90.00	-250.00	0.00022	100.00	-250.00	0.00023
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007
-80.00	-240.00	0.00007	-70.00	-240.00	0.00007
-60.00	-240.00	0.00008	-50.00	-240.00	0.00008
-40.00	-240.00	0.00009	-30.00	-240.00	0.00010
-25.00	-240.00	0.00011	-20.00	-240.00	0.00012
-17.00	-240.00	0.00012	-15.00	-240.00	0.00012
-13.00	-240.00	0.00012	-11.00	-240.00	0.00013
-9.00	-240.00	0.00013	9.00	-240.00	0.00014



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00015	13.00	-240.00	0.00015
15.00	-240.00	0.00015	17.00	-240.00	0.00015
20.00	-240.00	0.00015	25.00	-240.00	0.00016
30.00	-240.00	0.00016	40.00	-240.00	0.00018
50.00	-240.00	0.00019	60.00	-240.00	0.00020
70.00	-240.00	0.00022	80.00	-240.00	0.00023
90.00	-240.00	0.00024	100.00	-240.00	0.00025
-100.00	-230.00	0.00007	-90.00	-230.00	0.00007
-80.00	-230.00	0.00008	-70.00	-230.00	0.00008
-60.00	-230.00	0.00008	-50.00	-230.00	0.00009
-40.00	-230.00	0.00010	-30.00	-230.00	0.00011
-25.00	-230.00	0.00012	-20.00	-230.00	0.00012
-17.00	-230.00	0.00013	-15.00	-230.00	0.00013
-13.00	-230.00	0.00013	-11.00	-230.00	0.00014
-9.00	-230.00	0.00014	9.00	-230.00	0.00016
11.00	-230.00	0.00016	13.00	-230.00	0.00016
15.00	-230.00	0.00016	17.00	-230.00	0.00016

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

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

09:52:50

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00017	25.00	-230.00	0.00017
30.00	-230.00	0.00018	40.00	-230.00	0.00019
50.00	-230.00	0.00021	60.00	-230.00	0.00022
70.00	-230.00	0.00024	80.00	-230.00	0.00025
90.00	-230.00	0.00026	100.00	-230.00	0.00027
-100.00	-220.00	0.00008	-90.00	-220.00	0.00008
-80.00	-220.00	0.00008	-70.00	-220.00	0.00009
-60.00	-220.00	0.00009	-50.00	-220.00	0.00010
-40.00	-220.00	0.00010	-30.00	-220.00	0.00012
-25.00	-220.00	0.00013	-20.00	-220.00	0.00013
-17.00	-220.00	0.00014	-15.00	-220.00	0.00014
-13.00	-220.00	0.00014	-11.00	-220.00	0.00015
-9.00	-220.00	0.00015	9.00	-220.00	0.00017
11.00	-220.00	0.00017	13.00	-220.00	0.00017
15.00	-220.00	0.00018	17.00	-220.00	0.00018
20.00	-220.00	0.00018	25.00	-220.00	0.00019
30.00	-220.00	0.00020	40.00	-220.00	0.00021

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00023	60.00	-220.00	0.00025
70.00	-220.00	0.00026	80.00	-220.00	0.00028
90.00	-220.00	0.00029	100.00	-220.00	0.00030
-100.00	-210.00	0.00008	-90.00	-210.00	0.00009
-80.00	-210.00	0.00009	-70.00	-210.00	0.00009
-60.00	-210.00	0.00010	-50.00	-210.00	0.00010
-40.00	-210.00	0.00011	-30.00	-210.00	0.00013
-25.00	-210.00	0.00013	-20.00	-210.00	0.00014
-17.00	-210.00	0.00015	-15.00	-210.00	0.00015
-13.00	-210.00	0.00015	-11.00	-210.00	0.00016
-9.00	-210.00	0.00016	9.00	-210.00	0.00019
11.00	-210.00	0.00019	13.00	-210.00	0.00019
15.00	-210.00	0.00019	17.00	-210.00	0.00020
20.00	-210.00	0.00020	25.00	-210.00	0.00021
30.00	-210.00	0.00022	40.00	-210.00	0.00024
50.00	-210.00	0.00026	60.00	-210.00	0.00028
70.00	-210.00	0.00029	80.00	-210.00	0.00031
90.00	-210.00	0.00032	100.00	-210.00	0.00033
-100.00	-200.00	0.00009	-90.00	-200.00	0.00009
-80.00	-200.00	0.00010	-70.00	-200.00	0.00010
-60.00	-200.00	0.00010	-50.00	-200.00	0.00011
-40.00	-200.00	0.00012	-30.00	-200.00	0.00014
-25.00	-200.00	0.00014	-20.00	-200.00	0.00015

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

09:52:50  
 \*\*MODELOPTS:  
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00016	-15.00	-200.00	0.00016
-13.00	-200.00	0.00017	-11.00	-200.00	0.00017
-9.00	-200.00	0.00018	9.00	-200.00	0.00020
11.00	-200.00	0.00021	13.00	-200.00	0.00021
15.00	-200.00	0.00021	17.00	-200.00	0.00022
20.00	-200.00	0.00022	25.00	-200.00	0.00023
30.00	-200.00	0.00024	40.00	-200.00	0.00026
50.00	-200.00	0.00029	60.00	-200.00	0.00031
70.00	-200.00	0.00033	80.00	-200.00	0.00035
90.00	-200.00	0.00036	100.00	-200.00	0.00037
-100.00	-190.00	0.00009	-90.00	-190.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00010	-70.00	-190.00	0.00011
-60.00	-190.00	0.00011	-50.00	-190.00	0.00012
-40.00	-190.00	0.00013	-30.00	-190.00	0.00015
-25.00	-190.00	0.00016	-20.00	-190.00	0.00017
-17.00	-190.00	0.00017	-15.00	-190.00	0.00018
-13.00	-190.00	0.00018	-11.00	-190.00	0.00019
-9.00	-190.00	0.00019	9.00	-190.00	0.00023
11.00	-190.00	0.00023	13.00	-190.00	0.00023
15.00	-190.00	0.00024	17.00	-190.00	0.00024
20.00	-190.00	0.00025	25.00	-190.00	0.00026
30.00	-190.00	0.00027	40.00	-190.00	0.00030
50.00	-190.00	0.00032	60.00	-190.00	0.00035
70.00	-190.00	0.00037	80.00	-190.00	0.00039
90.00	-190.00	0.00040	100.00	-190.00	0.00041
-100.00	-180.00	0.00010	-90.00	-180.00	0.00011
-80.00	-180.00	0.00011	-70.00	-180.00	0.00012
-60.00	-180.00	0.00012	-50.00	-180.00	0.00013
-40.00	-180.00	0.00014	-30.00	-180.00	0.00016
-25.00	-180.00	0.00017	-20.00	-180.00	0.00018
-17.00	-180.00	0.00019	-15.00	-180.00	0.00020
-13.00	-180.00	0.00020	-11.00	-180.00	0.00021
-9.00	-180.00	0.00021	9.00	-180.00	0.00025
11.00	-180.00	0.00025	13.00	-180.00	0.00026
15.00	-180.00	0.00026	17.00	-180.00	0.00027
20.00	-180.00	0.00027	25.00	-180.00	0.00029
30.00	-180.00	0.00030	40.00	-180.00	0.00033
50.00	-180.00	0.00037	60.00	-180.00	0.00039
70.00	-180.00	0.00042	80.00	-180.00	0.00044
90.00	-180.00	0.00045	100.00	-180.00	0.00047

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

09:52:50  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00011	-90.00	-170.00	0.00012
-80.00	-170.00	0.00012	-70.00	-170.00	0.00013
-60.00	-170.00	0.00013	-50.00	-170.00	0.00014
-40.00	-170.00	0.00015	-30.00	-170.00	0.00017
-25.00	-170.00	0.00018	-20.00	-170.00	0.00020

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00021	-15.00	-170.00	0.00021
-13.00	-170.00	0.00022	-11.00	-170.00	0.00023
-9.00	-170.00	0.00023	9.00	-170.00	0.00028
11.00	-170.00	0.00028	13.00	-170.00	0.00029
15.00	-170.00	0.00029	17.00	-170.00	0.00030
20.00	-170.00	0.00031	25.00	-170.00	0.00033
30.00	-170.00	0.00034	40.00	-170.00	0.00038
50.00	-170.00	0.00042	60.00	-170.00	0.00045
70.00	-170.00	0.00048	80.00	-170.00	0.00050
90.00	-170.00	0.00051	100.00	-170.00	0.00053
-100.00	-160.00	0.00012	-90.00	-160.00	0.00012
-80.00	-160.00	0.00013	-70.00	-160.00	0.00014
-60.00	-160.00	0.00015	-50.00	-160.00	0.00015
-40.00	-160.00	0.00016	-30.00	-160.00	0.00018
-25.00	-160.00	0.00020	-20.00	-160.00	0.00022
-17.00	-160.00	0.00023	-15.00	-160.00	0.00024
-13.00	-160.00	0.00024	-11.00	-160.00	0.00025
-9.00	-160.00	0.00026	9.00	-160.00	0.00031
11.00	-160.00	0.00032	13.00	-160.00	0.00033
15.00	-160.00	0.00033	17.00	-160.00	0.00034
20.00	-160.00	0.00035	25.00	-160.00	0.00037
30.00	-160.00	0.00039	40.00	-160.00	0.00044
50.00	-160.00	0.00048	60.00	-160.00	0.00052
70.00	-160.00	0.00055	80.00	-160.00	0.00057
90.00	-160.00	0.00059	100.00	-160.00	0.00060
-100.00	-150.00	0.00013	-90.00	-150.00	0.00014
-80.00	-150.00	0.00014	-70.00	-150.00	0.00015
-60.00	-150.00	0.00016	-50.00	-150.00	0.00017
-40.00	-150.00	0.00018	-30.00	-150.00	0.00020
-25.00	-150.00	0.00022	-20.00	-150.00	0.00024
-17.00	-150.00	0.00025	-15.00	-150.00	0.00026
-13.00	-150.00	0.00027	-11.00	-150.00	0.00028
-9.00	-150.00	0.00029	9.00	-150.00	0.00036
11.00	-150.00	0.00036	13.00	-150.00	0.00037
15.00	-150.00	0.00038	17.00	-150.00	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 09:52:50  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00040	25.00	-150.00	0.00043
30.00	-150.00	0.00046	40.00	-150.00	0.00051
50.00	-150.00	0.00056	60.00	-150.00	0.00060
70.00	-150.00	0.00063	80.00	-150.00	0.00066
90.00	-150.00	0.00068	100.00	-150.00	0.00069
-100.00	-140.00	0.00014	-90.00	-140.00	0.00015
-80.00	-140.00	0.00016	-70.00	-140.00	0.00017
-60.00	-140.00	0.00018	-50.00	-140.00	0.00019
-40.00	-140.00	0.00020	-30.00	-140.00	0.00022
-25.00	-140.00	0.00024	-20.00	-140.00	0.00026
-17.00	-140.00	0.00028	-15.00	-140.00	0.00029
-13.00	-140.00	0.00030	-11.00	-140.00	0.00031
-9.00	-140.00	0.00032	9.00	-140.00	0.00041
11.00	-140.00	0.00042	13.00	-140.00	0.00043
15.00	-140.00	0.00044	17.00	-140.00	0.00045
20.00	-140.00	0.00047	25.00	-140.00	0.00050
30.00	-140.00	0.00053	40.00	-140.00	0.00060
50.00	-140.00	0.00066	60.00	-140.00	0.00070
70.00	-140.00	0.00074	80.00	-140.00	0.00077
90.00	-140.00	0.00079	100.00	-140.00	0.00080
-100.00	-130.00	0.00015	-90.00	-130.00	0.00016
-80.00	-130.00	0.00017	-70.00	-130.00	0.00019
-60.00	-130.00	0.00020	-50.00	-130.00	0.00021
-40.00	-130.00	0.00023	-30.00	-130.00	0.00025
-25.00	-130.00	0.00027	-20.00	-130.00	0.00029
-17.00	-130.00	0.00031	-15.00	-130.00	0.00032
-13.00	-130.00	0.00034	-11.00	-130.00	0.00035
-9.00	-130.00	0.00036	9.00	-130.00	0.00047
11.00	-130.00	0.00048	13.00	-130.00	0.00050
15.00	-130.00	0.00051	17.00	-130.00	0.00052
20.00	-130.00	0.00055	25.00	-130.00	0.00059
30.00	-130.00	0.00063	40.00	-130.00	0.00071
50.00	-130.00	0.00078	60.00	-130.00	0.00083
70.00	-130.00	0.00087	80.00	-130.00	0.00090
90.00	-130.00	0.00092	100.00	-130.00	0.00093
-100.00	-120.00	0.00016	-90.00	-120.00	0.00017
-80.00	-120.00	0.00019	-70.00	-120.00	0.00020
-60.00	-120.00	0.00022	-50.00	-120.00	0.00024
-40.00	-120.00	0.00025	-30.00	-120.00	0.00028
-25.00	-120.00	0.00030	-20.00	-120.00	0.00032

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00034	-15.00	-120.00	0.00036
-13.00	-120.00	0.00038	-11.00	-120.00	0.00039
-9.00	-120.00	0.00041	9.00	-120.00	0.00055
11.00	-120.00	0.00057	13.00	-120.00	0.00058
15.00	-120.00	0.00060	17.00	-120.00	0.00062
20.00	-120.00	0.00065	25.00	-120.00	0.00071
30.00	-120.00	0.00076	40.00	-120.00	0.00086
50.00	-120.00	0.00094	60.00	-120.00	0.00100
70.00	-120.00	0.00104	80.00	-120.00	0.00107
90.00	-120.00	0.00108	100.00	-120.00	0.00107
-100.00	-110.00	0.00017	-90.00	-110.00	0.00019
-80.00	-110.00	0.00021	-70.00	-110.00	0.00023
-60.00	-110.00	0.00025	-50.00	-110.00	0.00027
-40.00	-110.00	0.00029	-30.00	-110.00	0.00031
-25.00	-110.00	0.00033	-20.00	-110.00	0.00036
-17.00	-110.00	0.00039	-15.00	-110.00	0.00040
-13.00	-110.00	0.00042	-11.00	-110.00	0.00045
-9.00	-110.00	0.00047	9.00	-110.00	0.00065
11.00	-110.00	0.00068	13.00	-110.00	0.00070
15.00	-110.00	0.00073	17.00	-110.00	0.00075
20.00	-110.00	0.00079	25.00	-110.00	0.00087
30.00	-110.00	0.00094	40.00	-110.00	0.00105
50.00	-110.00	0.00115	60.00	-110.00	0.00122
70.00	-110.00	0.00126	80.00	-110.00	0.00128
90.00	-110.00	0.00127	100.00	-110.00	0.00123
-100.00	-100.00	0.00018	-90.00	-100.00	0.00020
-80.00	-100.00	0.00023	-70.00	-100.00	0.00025
-60.00	-100.00	0.00028	-50.00	-100.00	0.00030
-40.00	-100.00	0.00033	-30.00	-100.00	0.00036
-25.00	-100.00	0.00038	-20.00	-100.00	0.00041
-17.00	-100.00	0.00043	-15.00	-100.00	0.00046
-13.00	-100.00	0.00048	-11.00	-100.00	0.00051
-9.00	-100.00	0.00054	9.00	-100.00	0.00079
11.00	-100.00	0.00082	13.00	-100.00	0.00085
15.00	-100.00	0.00089	17.00	-100.00	0.00093
20.00	-100.00	0.00099	25.00	-100.00	0.00108
30.00	-100.00	0.00117	40.00	-100.00	0.00132

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00143	60.00	-100.00	0.00151
70.00	-100.00	0.00154	80.00	-100.00	0.00152
90.00	-100.00	0.00147	100.00	-100.00	0.00140

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

09:52:50  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00019	-90.00	-90.00	0.00021
-80.00	-90.00	0.00024	-70.00	-90.00	0.00027
-60.00	-90.00	0.00031	-50.00	-90.00	0.00034
-40.00	-90.00	0.00037	-30.00	-90.00	0.00041
-25.00	-90.00	0.00044	-20.00	-90.00	0.00047
-17.00	-90.00	0.00049	-15.00	-90.00	0.00052
-13.00	-90.00	0.00054	-11.00	-90.00	0.00058
-9.00	-90.00	0.00061	9.00	-90.00	0.00097
11.00	-90.00	0.00101	13.00	-90.00	0.00107
15.00	-90.00	0.00112	17.00	-90.00	0.00117
20.00	-90.00	0.00126	25.00	-90.00	0.00139
30.00	-90.00	0.00150	40.00	-90.00	0.00170
50.00	-90.00	0.00183	60.00	-90.00	0.00188
70.00	-90.00	0.00186	80.00	-90.00	0.00178
90.00	-90.00	0.00167	100.00	-90.00	0.00155
-100.00	-80.00	0.00019	-90.00	-80.00	0.00022
-80.00	-80.00	0.00025	-70.00	-80.00	0.00029
-60.00	-80.00	0.00034	-50.00	-80.00	0.00038
-40.00	-80.00	0.00043	-30.00	-80.00	0.00048
-25.00	-80.00	0.00050	-20.00	-80.00	0.00054
-17.00	-80.00	0.00057	-15.00	-80.00	0.00059
-13.00	-80.00	0.00062	-11.00	-80.00	0.00066
-9.00	-80.00	0.00070	9.00	-80.00	0.00122
11.00	-80.00	0.00130	13.00	-80.00	0.00137
15.00	-80.00	0.00145	17.00	-80.00	0.00154
20.00	-80.00	0.00165	25.00	-80.00	0.00184
30.00	-80.00	0.00200	40.00	-80.00	0.00225
50.00	-80.00	0.00235	60.00	-80.00	0.00232
70.00	-80.00	0.00220	80.00	-80.00	0.00203
90.00	-80.00	0.00185	100.00	-80.00	0.00167
-100.00	-70.00	0.00020	-90.00	-70.00	0.00023

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00027	-70.00	-70.00	0.00031
-60.00	-70.00	0.00036	-50.00	-70.00	0.00042
-40.00	-70.00	0.00048	-30.00	-70.00	0.00055
-25.00	-70.00	0.00058	-20.00	-70.00	0.00063
-17.00	-70.00	0.00066	-15.00	-70.00	0.00068
-13.00	-70.00	0.00072	-11.00	-70.00	0.00076
-9.00	-70.00	0.00081	9.00	-70.00	0.00161
11.00	-70.00	0.00173	13.00	-70.00	0.00186
15.00	-70.00	0.00198	17.00	-70.00	0.00211

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00230	25.00	-70.00	0.00258
30.00	-70.00	0.00280	40.00	-70.00	0.00301
50.00	-70.00	0.00295	60.00	-70.00	0.00275
70.00	-70.00	0.00249	80.00	-70.00	0.00223
90.00	-70.00	0.00199	100.00	-70.00	0.00176
-100.00	-60.00	0.00021	-90.00	-60.00	0.00024
-80.00	-60.00	0.00028	-70.00	-60.00	0.00033
-60.00	-60.00	0.00038	-50.00	-60.00	0.00045
-40.00	-60.00	0.00053	-30.00	-60.00	0.00062
-25.00	-60.00	0.00067	-20.00	-60.00	0.00073
-17.00	-60.00	0.00077	-15.00	-60.00	0.00080
-13.00	-60.00	0.00083	-11.00	-60.00	0.00088
-9.00	-60.00	0.00093	9.00	-60.00	0.00229
11.00	-60.00	0.00253	13.00	-60.00	0.00276
15.00	-60.00	0.00298	17.00	-60.00	0.00320
20.00	-60.00	0.00347	25.00	-60.00	0.00379
30.00	-60.00	0.00391	40.00	-60.00	0.00381
50.00	-60.00	0.00348	60.00	-60.00	0.00310
70.00	-60.00	0.00272	80.00	-60.00	0.00238
90.00	-60.00	0.00207	100.00	-60.00	0.00180
-100.00	-50.00	0.00022	-90.00	-50.00	0.00026
-80.00	-50.00	0.00030	-70.00	-50.00	0.00035
-60.00	-50.00	0.00042	-50.00	-50.00	0.00049
-40.00	-50.00	0.00058	-30.00	-50.00	0.00068
-25.00	-50.00	0.00074	-20.00	-50.00	0.00081



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00086	-15.00	-50.00	0.00091
-13.00	-50.00	0.00096	-11.00	-50.00	0.00103
-9.00	-50.00	0.00111	9.00	-50.00	0.00410
11.00	-50.00	0.00444	13.00	-50.00	0.00469
15.00	-50.00	0.00486	17.00	-50.00	0.00498
20.00	-50.00	0.00507	25.00	-50.00	0.00506
30.00	-50.00	0.00491	40.00	-50.00	0.00441
50.00	-50.00	0.00385	60.00	-50.00	0.00333
70.00	-50.00	0.00286	80.00	-50.00	0.00245
90.00	-50.00	0.00209	100.00	-50.00	0.00179
-100.00	-40.00	0.00023	-90.00	-40.00	0.00027
-80.00	-40.00	0.00032	-70.00	-40.00	0.00038
-60.00	-40.00	0.00045	-50.00	-40.00	0.00054
-40.00	-40.00	0.00065	-30.00	-40.00	0.00079
-25.00	-40.00	0.00087	-20.00	-40.00	0.00096

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00104	-15.00	-40.00	0.00110
-13.00	-40.00	0.00117	-11.00	-40.00	0.00127
-9.00	-40.00	0.00141	9.00	-40.00	0.00574
11.00	-40.00	0.00583	13.00	-40.00	0.00590
15.00	-40.00	0.00594	17.00	-40.00	0.00595
20.00	-40.00	0.00590	25.00	-40.00	0.00570
30.00	-40.00	0.00541	40.00	-40.00	0.00472
50.00	-40.00	0.00403	60.00	-40.00	0.00341
70.00	-40.00	0.00288	80.00	-40.00	0.00243
90.00	-40.00	0.00205	100.00	-40.00	0.00173
-100.00	-30.00	0.00025	-90.00	-30.00	0.00029
-80.00	-30.00	0.00035	-70.00	-30.00	0.00042
-60.00	-30.00	0.00050	-50.00	-30.00	0.00061
-40.00	-30.00	0.00076	-30.00	-30.00	0.00094
-25.00	-30.00	0.00105	-20.00	-30.00	0.00119
-17.00	-30.00	0.00130	-15.00	-30.00	0.00138
-13.00	-30.00	0.00148	-11.00	-30.00	0.00161
-9.00	-30.00	0.00177	9.00	-30.00	0.00589
11.00	-30.00	0.00598	13.00	-30.00	0.00605

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00609	17.00	-30.00	0.00610
20.00	-30.00	0.00605	25.00	-30.00	0.00583
30.00	-30.00	0.00551	40.00	-30.00	0.00476
50.00	-30.00	0.00402	60.00	-30.00	0.00336
70.00	-30.00	0.00279	80.00	-30.00	0.00232
90.00	-30.00	0.00193	100.00	-30.00	0.00161
-100.00	-20.00	0.00026	-90.00	-20.00	0.00031
-80.00	-20.00	0.00037	-70.00	-20.00	0.00045
-60.00	-20.00	0.00056	-50.00	-20.00	0.00069
-40.00	-20.00	0.00086	-30.00	-20.00	0.00109
-25.00	-20.00	0.00123	-20.00	-20.00	0.00139
-17.00	-20.00	0.00151	-15.00	-20.00	0.00159
-13.00	-20.00	0.00169	-11.00	-20.00	0.00180
-9.00	-20.00	0.00194	9.00	-20.00	0.00590
11.00	-20.00	0.00598	13.00	-20.00	0.00604
15.00	-20.00	0.00607	17.00	-20.00	0.00607
20.00	-20.00	0.00600	25.00	-20.00	0.00576
30.00	-20.00	0.00542	40.00	-20.00	0.00464
50.00	-20.00	0.00387	60.00	-20.00	0.00319
70.00	-20.00	0.00261	80.00	-20.00	0.00213
90.00	-20.00	0.00175	100.00	-20.00	0.00145

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00029	-90.00	-10.00	0.00034
-80.00	-10.00	0.00040	-70.00	-10.00	0.00049
-60.00	-10.00	0.00060	-50.00	-10.00	0.00075
-40.00	-10.00	0.00094	-30.00	-10.00	0.00119
-25.00	-10.00	0.00134	-20.00	-10.00	0.00151
-17.00	-10.00	0.00162	-15.00	-10.00	0.00169
-13.00	-10.00	0.00177	-11.00	-10.00	0.00187
-9.00	-10.00	0.00198	9.00	-10.00	0.00583
11.00	-10.00	0.00589	13.00	-10.00	0.00595
15.00	-10.00	0.00596	17.00	-10.00	0.00594
20.00	-10.00	0.00585	25.00	-10.00	0.00558
30.00	-10.00	0.00522	40.00	-10.00	0.00440
50.00	-10.00	0.00360	60.00	-10.00	0.00290

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00233	80.00	-10.00	0.00188
90.00	-10.00	0.00153	100.00	-10.00	0.00126
-100.00	0.00	0.00031	-90.00	0.00	0.00036
-80.00	0.00	0.00043	-70.00	0.00	0.00052
-60.00	0.00	0.00063	-50.00	0.00	0.00079
-40.00	0.00	0.00100	-30.00	0.00	0.00125
-25.00	0.00	0.00139	-20.00	0.00	0.00155
-17.00	0.00	0.00164	-15.00	0.00	0.00171
-13.00	0.00	0.00178	-11.00	0.00	0.00186
-9.00	0.00	0.00197	9.00	0.00	0.00567
11.00	0.00	0.00572	13.00	0.00	0.00576
15.00	0.00	0.00575	17.00	0.00	0.00572
20.00	0.00	0.00560	25.00	0.00	0.00529
30.00	0.00	0.00489	40.00	0.00	0.00401
50.00	0.00	0.00318	60.00	0.00	0.00250
70.00	0.00	0.00197	80.00	0.00	0.00158
90.00	0.00	0.00128	100.00	0.00	0.00106
-100.00	10.00	0.00033	-90.00	10.00	0.00038
-80.00	10.00	0.00045	-70.00	10.00	0.00054
-60.00	10.00	0.00066	-50.00	10.00	0.00082
-40.00	10.00	0.00101	-30.00	10.00	0.00126
-25.00	10.00	0.00139	-20.00	10.00	0.00153
-17.00	10.00	0.00161	-15.00	10.00	0.00167
-13.00	10.00	0.00174	-11.00	10.00	0.00181
-9.00	10.00	0.00190	9.00	10.00	0.00542
11.00	10.00	0.00544	13.00	10.00	0.00545
15.00	10.00	0.00542	17.00	10.00	0.00536

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

09:52:50  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00520	25.00	10.00	0.00483
30.00	10.00	0.00437	40.00	10.00	0.00342
50.00	10.00	0.00262	60.00	10.00	0.00201
70.00	10.00	0.00158	80.00	10.00	0.00127
90.00	10.00	0.00104	100.00	10.00	0.00087
-100.00	20.00	0.00034	-90.00	20.00	0.00040
-80.00	20.00	0.00047	-70.00	20.00	0.00057

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00068	-50.00	20.00	0.00083
-40.00	20.00	0.00101	-30.00	20.00	0.00122
-25.00	20.00	0.00134	-20.00	20.00	0.00146
-17.00	20.00	0.00154	-15.00	20.00	0.00160
-13.00	20.00	0.00166	-11.00	20.00	0.00172
-9.00	20.00	0.00180	9.00	20.00	0.00502
11.00	20.00	0.00499	13.00	20.00	0.00494
15.00	20.00	0.00487	17.00	20.00	0.00476
20.00	20.00	0.00454	25.00	20.00	0.00406
30.00	20.00	0.00354	40.00	20.00	0.00262
50.00	20.00	0.00196	60.00	20.00	0.00151
70.00	20.00	0.00121	80.00	20.00	0.00099
90.00	20.00	0.00082	100.00	20.00	0.00070
-100.00	30.00	0.00035	-90.00	30.00	0.00041
-80.00	30.00	0.00048	-70.00	30.00	0.00057
-60.00	30.00	0.00069	-50.00	30.00	0.00083
-40.00	30.00	0.00099	-30.00	30.00	0.00117
-25.00	30.00	0.00127	-20.00	30.00	0.00137
-17.00	30.00	0.00144	-15.00	30.00	0.00149
-13.00	30.00	0.00154	-11.00	30.00	0.00160
-9.00	30.00	0.00167	9.00	30.00	0.00430
11.00	30.00	0.00416	13.00	30.00	0.00401
15.00	30.00	0.00383	17.00	30.00	0.00363
20.00	30.00	0.00331	25.00	30.00	0.00280
30.00	30.00	0.00237	40.00	30.00	0.00175
50.00	30.00	0.00134	60.00	30.00	0.00107
70.00	30.00	0.00088	80.00	30.00	0.00074
90.00	30.00	0.00063	100.00	30.00	0.00054
-100.00	40.00	0.00035	-90.00	40.00	0.00041
-80.00	40.00	0.00048	-70.00	40.00	0.00057
-60.00	40.00	0.00067	-50.00	40.00	0.00080
-40.00	40.00	0.00095	-30.00	40.00	0.00111
-25.00	40.00	0.00119	-20.00	40.00	0.00127

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00132	-15.00	40.00	0.00136

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00139	-11.00	40.00	0.00143
-9.00	40.00	0.00147	9.00	40.00	0.00244
11.00	40.00	0.00220	13.00	40.00	0.00202
15.00	40.00	0.00189	17.00	40.00	0.00178
20.00	40.00	0.00165	25.00	40.00	0.00146
30.00	40.00	0.00130	40.00	40.00	0.00104
50.00	40.00	0.00086	60.00	40.00	0.00072
70.00	40.00	0.00061	80.00	40.00	0.00053
90.00	40.00	0.00047	100.00	40.00	0.00041
-100.00	50.00	0.00035	-90.00	50.00	0.00040
-80.00	50.00	0.00047	-70.00	50.00	0.00055
-60.00	50.00	0.00064	-50.00	50.00	0.00075
-40.00	50.00	0.00087	-30.00	50.00	0.00099
-25.00	50.00	0.00105	-20.00	50.00	0.00110
-17.00	50.00	0.00113	-15.00	50.00	0.00114
-13.00	50.00	0.00115	-11.00	50.00	0.00115
-9.00	50.00	0.00113	9.00	50.00	0.00073
11.00	50.00	0.00073	13.00	50.00	0.00073
15.00	50.00	0.00073	17.00	50.00	0.00073
20.00	50.00	0.00073	25.00	50.00	0.00071
30.00	50.00	0.00068	40.00	50.00	0.00061
50.00	50.00	0.00054	60.00	50.00	0.00048
70.00	50.00	0.00043	80.00	50.00	0.00038
90.00	50.00	0.00035	100.00	50.00	0.00031
-100.00	60.00	0.00034	-90.00	60.00	0.00039
-80.00	60.00	0.00044	-70.00	60.00	0.00051
-60.00	60.00	0.00058	-50.00	60.00	0.00067
-40.00	60.00	0.00074	-30.00	60.00	0.00081
-25.00	60.00	0.00083	-20.00	60.00	0.00084
-17.00	60.00	0.00083	-15.00	60.00	0.00081
-13.00	60.00	0.00079	-11.00	60.00	0.00076
-9.00	60.00	0.00072	9.00	60.00	0.00048
11.00	60.00	0.00048	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00039
50.00	60.00	0.00036	60.00	60.00	0.00033
70.00	60.00	0.00031	80.00	60.00	0.00028
90.00	60.00	0.00026	100.00	60.00	0.00024

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00032	-90.00	70.00	0.00036
-80.00	70.00	0.00041	-70.00	70.00	0.00046
-60.00	70.00	0.00051	-50.00	70.00	0.00057
-40.00	70.00	0.00061	-30.00	70.00	0.00063
-25.00	70.00	0.00062	-20.00	70.00	0.00059
-17.00	70.00	0.00057	-15.00	70.00	0.00055
-13.00	70.00	0.00053	-11.00	70.00	0.00050
-9.00	70.00	0.00048	9.00	70.00	0.00035
11.00	70.00	0.00035	13.00	70.00	0.00035
15.00	70.00	0.00035	17.00	70.00	0.00035
20.00	70.00	0.00034	25.00	70.00	0.00033
30.00	70.00	0.00032	40.00	70.00	0.00029
50.00	70.00	0.00027	60.00	70.00	0.00025
70.00	70.00	0.00023	80.00	70.00	0.00021
90.00	70.00	0.00020	100.00	70.00	0.00019
-100.00	80.00	0.00030	-90.00	80.00	0.00033
-80.00	80.00	0.00037	-70.00	80.00	0.00041
-60.00	80.00	0.00045	-50.00	80.00	0.00048
-40.00	80.00	0.00049	-30.00	80.00	0.00047
-25.00	80.00	0.00045	-20.00	80.00	0.00042
-17.00	80.00	0.00040	-15.00	80.00	0.00039
-13.00	80.00	0.00037	-11.00	80.00	0.00036
-9.00	80.00	0.00035	9.00	80.00	0.00026
11.00	80.00	0.00026	13.00	80.00	0.00026
15.00	80.00	0.00026	17.00	80.00	0.00027
20.00	80.00	0.00027	25.00	80.00	0.00026
30.00	80.00	0.00025	40.00	80.00	0.00023
50.00	80.00	0.00021	60.00	80.00	0.00019
70.00	80.00	0.00018	80.00	80.00	0.00017
90.00	80.00	0.00016	100.00	80.00	0.00015
-100.00	90.00	0.00027	-90.00	90.00	0.00030
-80.00	90.00	0.00033	-70.00	90.00	0.00036
-60.00	90.00	0.00038	-50.00	90.00	0.00039
-40.00	90.00	0.00038	-30.00	90.00	0.00035
-25.00	90.00	0.00033	-20.00	90.00	0.00031
-17.00	90.00	0.00030	-15.00	90.00	0.00029
-13.00	90.00	0.00028	-11.00	90.00	0.00027
-9.00	90.00	0.00026	9.00	90.00	0.00020
11.00	90.00	0.00020	13.00	90.00	0.00021

15.00 90.00 0.00021 17.00 90.00 0.00021

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00021	25.00	90.00	0.00021
30.00	90.00	0.00021	40.00	90.00	0.00019
50.00	90.00	0.00018	60.00	90.00	0.00016
70.00	90.00	0.00015	80.00	90.00	0.00014
90.00	90.00	0.00013	100.00	90.00	0.00012
-100.00	100.00	0.00025	-90.00	100.00	0.00027
-80.00	100.00	0.00029	-70.00	100.00	0.00031
-60.00	100.00	0.00032	-50.00	100.00	0.00031
-40.00	100.00	0.00030	-30.00	100.00	0.00027
-25.00	100.00	0.00025	-20.00	100.00	0.00024
-17.00	100.00	0.00023	-15.00	100.00	0.00023
-13.00	100.00	0.00022	-11.00	100.00	0.00021
-9.00	100.00	0.00021	9.00	100.00	0.00016
11.00	100.00	0.00016	13.00	100.00	0.00016
15.00	100.00	0.00017	17.00	100.00	0.00017
20.00	100.00	0.00017	25.00	100.00	0.00017
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00015	60.00	100.00	0.00014
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00011	100.00	100.00	0.00010
-100.00	110.00	0.00023	-90.00	110.00	0.00024
-80.00	110.00	0.00025	-70.00	110.00	0.00026
-60.00	110.00	0.00026	-50.00	110.00	0.00025
-40.00	110.00	0.00023	-30.00	110.00	0.00021
-25.00	110.00	0.00020	-20.00	110.00	0.00019
-17.00	110.00	0.00019	-15.00	110.00	0.00018
-13.00	110.00	0.00018	-11.00	110.00	0.00017
-9.00	110.00	0.00017	9.00	110.00	0.00014
11.00	110.00	0.00013	13.00	110.00	0.00014
15.00	110.00	0.00014	17.00	110.00	0.00014
20.00	110.00	0.00014	25.00	110.00	0.00014
30.00	110.00	0.00014	40.00	110.00	0.00014
50.00	110.00	0.00013	60.00	110.00	0.00012

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00011	80.00	110.00	0.00010
90.00	110.00	0.00009	100.00	110.00	0.00009
-100.00	120.00	0.00020	-90.00	120.00	0.00021
-80.00	120.00	0.00022	-70.00	120.00	0.00022
-60.00	120.00	0.00022	-50.00	120.00	0.00020
-40.00	120.00	0.00019	-30.00	120.00	0.00017
-25.00	120.00	0.00016	-20.00	120.00	0.00016

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00015	-15.00	120.00	0.00015
-13.00	120.00	0.00015	-11.00	120.00	0.00014
-9.00	120.00	0.00014	9.00	120.00	0.00011
11.00	120.00	0.00011	13.00	120.00	0.00011
15.00	120.00	0.00011	17.00	120.00	0.00011
20.00	120.00	0.00011	25.00	120.00	0.00012
30.00	120.00	0.00012	40.00	120.00	0.00012
50.00	120.00	0.00012	60.00	120.00	0.00011
70.00	120.00	0.00010	80.00	120.00	0.00009
90.00	120.00	0.00008	100.00	120.00	0.00008
-100.00	130.00	0.00018	-90.00	130.00	0.00019
-80.00	130.00	0.00019	-70.00	130.00	0.00019
-60.00	130.00	0.00018	-50.00	130.00	0.00017
-40.00	130.00	0.00015	-30.00	130.00	0.00014
-25.00	130.00	0.00014	-20.00	130.00	0.00013
-17.00	130.00	0.00013	-15.00	130.00	0.00013
-13.00	130.00	0.00012	-11.00	130.00	0.00012
-9.00	130.00	0.00012	9.00	130.00	0.00010
11.00	130.00	0.00010	13.00	130.00	0.00010
15.00	130.00	0.00010	17.00	130.00	0.00010
20.00	130.00	0.00010	25.00	130.00	0.00010
30.00	130.00	0.00010	40.00	130.00	0.00010
50.00	130.00	0.00010	60.00	130.00	0.00010
70.00	130.00	0.00009	80.00	130.00	0.00008
90.00	130.00	0.00008	100.00	130.00	0.00007
-100.00	140.00	0.00016	-90.00	140.00	0.00016
-80.00	140.00	0.00016	-70.00	140.00	0.00016



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00015	-50.00	140.00	0.00014
-40.00	140.00	0.00012	-30.00	140.00	0.00012
-25.00	140.00	0.00012	-20.00	140.00	0.00011
-17.00	140.00	0.00011	-15.00	140.00	0.00011
-13.00	140.00	0.00010	-11.00	140.00	0.00010
-9.00	140.00	0.00010	9.00	140.00	0.00008
11.00	140.00	0.00008	13.00	140.00	0.00008
15.00	140.00	0.00008	17.00	140.00	0.00008
20.00	140.00	0.00008	25.00	140.00	0.00008
30.00	140.00	0.00008	40.00	140.00	0.00009
50.00	140.00	0.00009	60.00	140.00	0.00009
70.00	140.00	0.00008	80.00	140.00	0.00008
90.00	140.00	0.00007	100.00	140.00	0.00006

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00008	-11.00	160.00	0.00008
-9.00	160.00	0.00007	9.00	160.00	0.00006
11.00	160.00	0.00006	13.00	160.00	0.00006
15.00	160.00	0.00006	17.00	160.00	0.00006
20.00	160.00	0.00006	25.00	160.00	0.00006
30.00	160.00	0.00006	40.00	160.00	0.00007
50.00	160.00	0.00007	60.00	160.00	0.00007
70.00	160.00	0.00007	80.00	160.00	0.00006
90.00	160.00	0.00006	100.00	160.00	0.00006
-100.00	170.00	0.00011	-90.00	170.00	0.00011
-80.00	170.00	0.00010	-70.00	170.00	0.00010
-60.00	170.00	0.00009	-50.00	170.00	0.00008
-40.00	170.00	0.00008	-30.00	170.00	0.00008
-25.00	170.00	0.00008	-20.00	170.00	0.00007
-17.00	170.00	0.00007	-15.00	170.00	0.00007
-13.00	170.00	0.00007	-11.00	170.00	0.00007
-9.00	170.00	0.00007	9.00	170.00	0.00006
11.00	170.00	0.00006	13.00	170.00	0.00006
15.00	170.00	0.00006	17.00	170.00	0.00006

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00006	25.00	170.00	0.00006
30.00	170.00	0.00006	40.00	170.00	0.00006
50.00	170.00	0.00006	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00006
90.00	170.00	0.00006	100.00	170.00	0.00005
-100.00	180.00	0.00010	-90.00	180.00	0.00010
-80.00	180.00	0.00009	-70.00	180.00	0.00008
-60.00	180.00	0.00008	-50.00	180.00	0.00007
-40.00	180.00	0.00007	-30.00	180.00	0.00007
-25.00	180.00	0.00007	-20.00	180.00	0.00006
-17.00	180.00	0.00006	-15.00	180.00	0.00006
-13.00	180.00	0.00006	-11.00	180.00	0.00006
-9.00	180.00	0.00006	9.00	180.00	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00005	25.00	180.00	0.00005
30.00	180.00	0.00005	40.00	180.00	0.00005
50.00	180.00	0.00005	60.00	180.00	0.00005
70.00	180.00	0.00005	80.00	180.00	0.00005
90.00	180.00	0.00005	100.00	180.00	0.00005
-100.00	190.00	0.00009	-90.00	190.00	0.00008
-80.00	190.00	0.00008	-70.00	190.00	0.00007
-60.00	190.00	0.00007	-50.00	190.00	0.00006
-40.00	190.00	0.00006	-30.00	190.00	0.00006
-25.00	190.00	0.00006	-20.00	190.00	0.00006
-17.00	190.00	0.00006	-15.00	190.00	0.00006
-13.00	190.00	0.00005	-11.00	190.00	0.00005
-9.00	190.00	0.00005	9.00	190.00	0.00005
11.00	190.00	0.00005	13.00	190.00	0.00004
15.00	190.00	0.00004	17.00	190.00	0.00004
20.00	190.00	0.00004	25.00	190.00	0.00004
30.00	190.00	0.00005	40.00	190.00	0.00005
50.00	190.00	0.00005	60.00	190.00	0.00005
70.00	190.00	0.00005	80.00	190.00	0.00005
90.00	190.00	0.00005	100.00	190.00	0.00004
-100.00	200.00	0.00008	-90.00	200.00	0.00007
-80.00	200.00	0.00007	-70.00	200.00	0.00006
-60.00	200.00	0.00006	-50.00	200.00	0.00006
-40.00	200.00	0.00006	-30.00	200.00	0.00006
-25.00	200.00	0.00005	-20.00	200.00	0.00005

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00007	-90.00	210.00	0.00006
-80.00	210.00	0.00006	-70.00	210.00	0.00006
-60.00	210.00	0.00005	-50.00	210.00	0.00005
-40.00	210.00	0.00005	-30.00	210.00	0.00005
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00004
-13.00	210.00	0.00004	-11.00	210.00	0.00004
-9.00	210.00	0.00004	9.00	210.00	0.00004
11.00	210.00	0.00004	13.00	210.00	0.00004
15.00	210.00	0.00004	17.00	210.00	0.00004
20.00	210.00	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00004
-100.00	220.00	0.00006	-90.00	220.00	0.00006
-80.00	220.00	0.00005	-70.00	220.00	0.00005
-60.00	220.00	0.00005	-50.00	220.00	0.00005
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00004	-20.00	220.00	0.00004
-17.00	220.00	0.00004	-15.00	220.00	0.00004
-13.00	220.00	0.00004	-11.00	220.00	0.00004
-9.00	220.00	0.00004	9.00	220.00	0.00003
11.00	220.00	0.00003	13.00	220.00	0.00003
15.00	220.00	0.00003	17.00	220.00	0.00003
20.00	220.00	0.00003	25.00	220.00	0.00003
30.00	220.00	0.00003	40.00	220.00	0.00003
50.00	220.00	0.00003	60.00	220.00	0.00003
70.00	220.00	0.00004	80.00	220.00	0.00004
90.00	220.00	0.00004	100.00	220.00	0.00004

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00005	-90.00	230.00	0.00005
-80.00	230.00	0.00005	-70.00	230.00	0.00005
-60.00	230.00	0.00004	-50.00	230.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00003	25.00	250.00	0.00003
30.00	250.00	0.00003	40.00	250.00	0.00003
50.00	250.00	0.00003	60.00	250.00	0.00003
70.00	250.00	0.00003	80.00	250.00	0.00003
90.00	250.00	0.00003	100.00	250.00	0.00003

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00012	-90.00	-250.00	0.00012
-80.00	-250.00	0.00013	-70.00	-250.00	0.00014
-60.00	-250.00	0.00015	-50.00	-250.00	0.00015
-40.00	-250.00	0.00016	-30.00	-250.00	0.00018
-25.00	-250.00	0.00020	-20.00	-250.00	0.00022
-17.00	-250.00	0.00023	-15.00	-250.00	0.00024
-13.00	-250.00	0.00024	-11.00	-250.00	0.00025
-9.00	-250.00	0.00026	9.00	-250.00	0.00031
11.00	-250.00	0.00032	13.00	-250.00	0.00033
15.00	-250.00	0.00033	17.00	-250.00	0.00034
20.00	-250.00	0.00035	25.00	-250.00	0.00037
30.00	-250.00	0.00039	40.00	-250.00	0.00044
50.00	-250.00	0.00048	60.00	-250.00	0.00052
70.00	-250.00	0.00055	80.00	-250.00	0.00057
90.00	-250.00	0.00059	100.00	-250.00	0.00060
-100.00	-240.00	0.00013	-90.00	-240.00	0.00014
-80.00	-240.00	0.00014	-70.00	-240.00	0.00015
-60.00	-240.00	0.00016	-50.00	-240.00	0.00017
-40.00	-240.00	0.00018	-30.00	-240.00	0.00020
-25.00	-240.00	0.00022	-20.00	-240.00	0.00024
-17.00	-240.00	0.00025	-15.00	-240.00	0.00026
-13.00	-240.00	0.00027	-11.00	-240.00	0.00028
-9.00	-240.00	0.00029	9.00	-240.00	0.00036
11.00	-240.00	0.00036	13.00	-240.00	0.00037
15.00	-240.00	0.00038	17.00	-240.00	0.00039
20.00	-240.00	0.00040	25.00	-240.00	0.00043

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00046	40.00	-240.00	0.00051
50.00	-240.00	0.00056	60.00	-240.00	0.00060
70.00	-240.00	0.00063	80.00	-240.00	0.00066
90.00	-240.00	0.00068	100.00	-240.00	0.00069
-100.00	-230.00	0.00014	-90.00	-230.00	0.00015
-80.00	-230.00	0.00016	-70.00	-230.00	0.00017
-60.00	-230.00	0.00018	-50.00	-230.00	0.00019
-40.00	-230.00	0.00020	-30.00	-230.00	0.00022
-25.00	-230.00	0.00024	-20.00	-230.00	0.00026
-17.00	-230.00	0.00028	-15.00	-230.00	0.00029
-13.00	-230.00	0.00030	-11.00	-230.00	0.00031
-9.00	-230.00	0.00032	9.00	-230.00	0.00041
11.00	-230.00	0.00042	13.00	-230.00	0.00043
15.00	-230.00	0.00044	17.00	-230.00	0.00045

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00047	25.00	-230.00	0.00050
30.00	-230.00	0.00053	40.00	-230.00	0.00060
50.00	-230.00	0.00066	60.00	-230.00	0.00070
70.00	-230.00	0.00074	80.00	-230.00	0.00077
90.00	-230.00	0.00079	100.00	-230.00	0.00080
-100.00	-220.00	0.00015	-90.00	-220.00	0.00016
-80.00	-220.00	0.00017	-70.00	-220.00	0.00019
-60.00	-220.00	0.00020	-50.00	-220.00	0.00021
-40.00	-220.00	0.00023	-30.00	-220.00	0.00025
-25.00	-220.00	0.00027	-20.00	-220.00	0.00029
-17.00	-220.00	0.00031	-15.00	-220.00	0.00032
-13.00	-220.00	0.00034	-11.00	-220.00	0.00035
-9.00	-220.00	0.00036	9.00	-220.00	0.00047
11.00	-220.00	0.00048	13.00	-220.00	0.00050
15.00	-220.00	0.00051	17.00	-220.00	0.00052
20.00	-220.00	0.00055	25.00	-220.00	0.00059
30.00	-220.00	0.00063	40.00	-220.00	0.00071
50.00	-220.00	0.00078	60.00	-220.00	0.00083
70.00	-220.00	0.00087	80.00	-220.00	0.00090
90.00	-220.00	0.00092	100.00	-220.00	0.00093

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00016	-90.00	-210.00	0.00017
-80.00	-210.00	0.00019	-70.00	-210.00	0.00020
-60.00	-210.00	0.00022	-50.00	-210.00	0.00024
-40.00	-210.00	0.00025	-30.00	-210.00	0.00028
-25.00	-210.00	0.00030	-20.00	-210.00	0.00032
-17.00	-210.00	0.00034	-15.00	-210.00	0.00036
-13.00	-210.00	0.00038	-11.00	-210.00	0.00039
-9.00	-210.00	0.00041	9.00	-210.00	0.00055
11.00	-210.00	0.00057	13.00	-210.00	0.00058
15.00	-210.00	0.00060	17.00	-210.00	0.00062
20.00	-210.00	0.00065	25.00	-210.00	0.00071
30.00	-210.00	0.00076	40.00	-210.00	0.00086
50.00	-210.00	0.00094	60.00	-210.00	0.00100
70.00	-210.00	0.00104	80.00	-210.00	0.00107
90.00	-210.00	0.00108	100.00	-210.00	0.00107
-100.00	-200.00	0.00017	-90.00	-200.00	0.00019
-80.00	-200.00	0.00021	-70.00	-200.00	0.00023
-60.00	-200.00	0.00025	-50.00	-200.00	0.00027
-40.00	-200.00	0.00029	-30.00	-200.00	0.00031
-25.00	-200.00	0.00033	-20.00	-200.00	0.00036

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

09:52:50  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00039	-15.00	-200.00	0.00040
-13.00	-200.00	0.00042	-11.00	-200.00	0.00045
-9.00	-200.00	0.00047	9.00	-200.00	0.00065
11.00	-200.00	0.00068	13.00	-200.00	0.00070
15.00	-200.00	0.00073	17.00	-200.00	0.00075
20.00	-200.00	0.00079	25.00	-200.00	0.00087
30.00	-200.00	0.00094	40.00	-200.00	0.00105
50.00	-200.00	0.00115	60.00	-200.00	0.00122
70.00	-200.00	0.00126	80.00	-200.00	0.00128
90.00	-200.00	0.00127	100.00	-200.00	0.00123
-100.00	-190.00	0.00018	-90.00	-190.00	0.00020
-80.00	-190.00	0.00023	-70.00	-190.00	0.00025
-60.00	-190.00	0.00028	-50.00	-190.00	0.00030
-40.00	-190.00	0.00033	-30.00	-190.00	0.00036



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00038	-20.00	-190.00	0.00041
-17.00	-190.00	0.00043	-15.00	-190.00	0.00046
-13.00	-190.00	0.00048	-11.00	-190.00	0.00051
-9.00	-190.00	0.00054	9.00	-190.00	0.00079
11.00	-190.00	0.00082	13.00	-190.00	0.00085
15.00	-190.00	0.00089	17.00	-190.00	0.00093
20.00	-190.00	0.00099	25.00	-190.00	0.00108
30.00	-190.00	0.00117	40.00	-190.00	0.00132
50.00	-190.00	0.00143	60.00	-190.00	0.00151
70.00	-190.00	0.00154	80.00	-190.00	0.00152
90.00	-190.00	0.00147	100.00	-190.00	0.00140
-100.00	-180.00	0.00019	-90.00	-180.00	0.00021
-80.00	-180.00	0.00024	-70.00	-180.00	0.00027
-60.00	-180.00	0.00031	-50.00	-180.00	0.00034
-40.00	-180.00	0.00037	-30.00	-180.00	0.00041
-25.00	-180.00	0.00044	-20.00	-180.00	0.00047
-17.00	-180.00	0.00049	-15.00	-180.00	0.00052
-13.00	-180.00	0.00054	-11.00	-180.00	0.00058
-9.00	-180.00	0.00061	9.00	-180.00	0.00097
11.00	-180.00	0.00101	13.00	-180.00	0.00107
15.00	-180.00	0.00112	17.00	-180.00	0.00117
20.00	-180.00	0.00126	25.00	-180.00	0.00139
30.00	-180.00	0.00150	40.00	-180.00	0.00170
50.00	-180.00	0.00183	60.00	-180.00	0.00188
70.00	-180.00	0.00186	80.00	-180.00	0.00178
90.00	-180.00	0.00167	100.00	-180.00	0.00155

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

04/20/08

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

09:52:50

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00019	-90.00	-170.00	0.00022
-80.00	-170.00	0.00025	-70.00	-170.00	0.00029
-60.00	-170.00	0.00034	-50.00	-170.00	0.00038
-40.00	-170.00	0.00043	-30.00	-170.00	0.00048
-25.00	-170.00	0.00050	-20.00	-170.00	0.00054
-17.00	-170.00	0.00057	-15.00	-170.00	0.00059
-13.00	-170.00	0.00062	-11.00	-170.00	0.00066
-9.00	-170.00	0.00070	9.00	-170.00	0.00122

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00130	13.00	-170.00	0.00137
15.00	-170.00	0.00145	17.00	-170.00	0.00154
20.00	-170.00	0.00165	25.00	-170.00	0.00184
30.00	-170.00	0.00200	40.00	-170.00	0.00225
50.00	-170.00	0.00235	60.00	-170.00	0.00232
70.00	-170.00	0.00220	80.00	-170.00	0.00203
90.00	-170.00	0.00185	100.00	-170.00	0.00167
-100.00	-160.00	0.00020	-90.00	-160.00	0.00023
-80.00	-160.00	0.00027	-70.00	-160.00	0.00031
-60.00	-160.00	0.00036	-50.00	-160.00	0.00042
-40.00	-160.00	0.00048	-30.00	-160.00	0.00055
-25.00	-160.00	0.00058	-20.00	-160.00	0.00063
-17.00	-160.00	0.00066	-15.00	-160.00	0.00068
-13.00	-160.00	0.00072	-11.00	-160.00	0.00076
-9.00	-160.00	0.00081	9.00	-160.00	0.00161
11.00	-160.00	0.00173	13.00	-160.00	0.00186
15.00	-160.00	0.00198	17.00	-160.00	0.00211
20.00	-160.00	0.00230	25.00	-160.00	0.00258
30.00	-160.00	0.00280	40.00	-160.00	0.00301
50.00	-160.00	0.00295	60.00	-160.00	0.00275
70.00	-160.00	0.00249	80.00	-160.00	0.00223
90.00	-160.00	0.00199	100.00	-160.00	0.00176
-100.00	-150.00	0.00021	-90.00	-150.00	0.00024
-80.00	-150.00	0.00028	-70.00	-150.00	0.00033
-60.00	-150.00	0.00038	-50.00	-150.00	0.00045
-40.00	-150.00	0.00053	-30.00	-150.00	0.00062
-25.00	-150.00	0.00067	-20.00	-150.00	0.00073
-17.00	-150.00	0.00077	-15.00	-150.00	0.00080
-13.00	-150.00	0.00083	-11.00	-150.00	0.00088
-9.00	-150.00	0.00093	9.00	-150.00	0.00229
11.00	-150.00	0.00253	13.00	-150.00	0.00276
15.00	-150.00	0.00298	17.00	-150.00	0.00320

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00347	25.00	-150.00	0.00379
30.00	-150.00	0.00391	40.00	-150.00	0.00381

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00348	60.00	-150.00	0.00310
70.00	-150.00	0.00272	80.00	-150.00	0.00238
90.00	-150.00	0.00207	100.00	-150.00	0.00180
-100.00	-140.00	0.00022	-90.00	-140.00	0.00026
-80.00	-140.00	0.00030	-70.00	-140.00	0.00035
-60.00	-140.00	0.00042	-50.00	-140.00	0.00049
-40.00	-140.00	0.00058	-30.00	-140.00	0.00068
-25.00	-140.00	0.00074	-20.00	-140.00	0.00081
-17.00	-140.00	0.00086	-15.00	-140.00	0.00091
-13.00	-140.00	0.00096	-11.00	-140.00	0.00103
-9.00	-140.00	0.00111	9.00	-140.00	0.00410
11.00	-140.00	0.00444	13.00	-140.00	0.00469
15.00	-140.00	0.00486	17.00	-140.00	0.00498
20.00	-140.00	0.00507	25.00	-140.00	0.00506
30.00	-140.00	0.00491	40.00	-140.00	0.00441
50.00	-140.00	0.00385	60.00	-140.00	0.00333
70.00	-140.00	0.00286	80.00	-140.00	0.00245
90.00	-140.00	0.00209	100.00	-140.00	0.00179
-100.00	-130.00	0.00023	-90.00	-130.00	0.00027
-80.00	-130.00	0.00032	-70.00	-130.00	0.00038
-60.00	-130.00	0.00045	-50.00	-130.00	0.00054
-40.00	-130.00	0.00065	-30.00	-130.00	0.00079
-25.00	-130.00	0.00087	-20.00	-130.00	0.00096
-17.00	-130.00	0.00104	-15.00	-130.00	0.00110
-13.00	-130.00	0.00117	-11.00	-130.00	0.00127
-9.00	-130.00	0.00141	9.00	-130.00	0.00574
11.00	-130.00	0.00583	13.00	-130.00	0.00590
15.00	-130.00	0.00594	17.00	-130.00	0.00595
20.00	-130.00	0.00590	25.00	-130.00	0.00570
30.00	-130.00	0.00541	40.00	-130.00	0.00472
50.00	-130.00	0.00403	60.00	-130.00	0.00341
70.00	-130.00	0.00288	80.00	-130.00	0.00243
90.00	-130.00	0.00205	100.00	-130.00	0.00173
-100.00	-120.00	0.00025	-90.00	-120.00	0.00029
-80.00	-120.00	0.00035	-70.00	-120.00	0.00042
-60.00	-120.00	0.00050	-50.00	-120.00	0.00061
-40.00	-120.00	0.00076	-30.00	-120.00	0.00094
-25.00	-120.00	0.00105	-20.00	-120.00	0.00119

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

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

09:52:50  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

01NCRA PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00130	-15.00	-120.00	0.00138
-13.00	-120.00	0.00148	-11.00	-120.00	0.00161
-9.00	-120.00	0.00177	9.00	-120.00	0.00589
11.00	-120.00	0.00598	13.00	-120.00	0.00605
15.00	-120.00	0.00609	17.00	-120.00	0.00610
20.00	-120.00	0.00605	25.00	-120.00	0.00583
30.00	-120.00	0.00551	40.00	-120.00	0.00476
50.00	-120.00	0.00402	60.00	-120.00	0.00336
70.00	-120.00	0.00279	80.00	-120.00	0.00232
90.00	-120.00	0.00193	100.00	-120.00	0.00161
-100.00	-110.00	0.00026	-90.00	-110.00	0.00031
-80.00	-110.00	0.00037	-70.00	-110.00	0.00045
-60.00	-110.00	0.00056	-50.00	-110.00	0.00069
-40.00	-110.00	0.00086	-30.00	-110.00	0.00109
-25.00	-110.00	0.00123	-20.00	-110.00	0.00139
-17.00	-110.00	0.00151	-15.00	-110.00	0.00159
-13.00	-110.00	0.00169	-11.00	-110.00	0.00180
-9.00	-110.00	0.00194	9.00	-110.00	0.00590
11.00	-110.00	0.00598	13.00	-110.00	0.00604
15.00	-110.00	0.00607	17.00	-110.00	0.00607
20.00	-110.00	0.00600	25.00	-110.00	0.00576
30.00	-110.00	0.00542	40.00	-110.00	0.00464
50.00	-110.00	0.00387	60.00	-110.00	0.00319
70.00	-110.00	0.00261	80.00	-110.00	0.00213
90.00	-110.00	0.00175	100.00	-110.00	0.00145
-100.00	-100.00	0.00029	-90.00	-100.00	0.00034
-80.00	-100.00	0.00040	-70.00	-100.00	0.00049
-60.00	-100.00	0.00060	-50.00	-100.00	0.00075
-40.00	-100.00	0.00094	-30.00	-100.00	0.00119
-25.00	-100.00	0.00134	-20.00	-100.00	0.00151
-17.00	-100.00	0.00162	-15.00	-100.00	0.00169
-13.00	-100.00	0.00177	-11.00	-100.00	0.00187
-9.00	-100.00	0.00198	9.00	-100.00	0.00583
11.00	-100.00	0.00589	13.00	-100.00	0.00595
15.00	-100.00	0.00596	17.00	-100.00	0.00594
20.00	-100.00	0.00585	25.00	-100.00	0.00558
30.00	-100.00	0.00522	40.00	-100.00	0.00440
50.00	-100.00	0.00360	60.00	-100.00	0.00290
70.00	-100.00	0.00233	80.00	-100.00	0.00188
90.00	-100.00	0.00153	100.00	-100.00	0.00126

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00031	-90.00	-90.00	0.00036
-80.00	-90.00	0.00043	-70.00	-90.00	0.00052
-60.00	-90.00	0.00063	-50.00	-90.00	0.00079
-40.00	-90.00	0.00100	-30.00	-90.00	0.00125
-25.00	-90.00	0.00139	-20.00	-90.00	0.00155
-17.00	-90.00	0.00164	-15.00	-90.00	0.00171
-13.00	-90.00	0.00178	-11.00	-90.00	0.00186
-9.00	-90.00	0.00197	9.00	-90.00	0.00567
11.00	-90.00	0.00572	13.00	-90.00	0.00576
15.00	-90.00	0.00575	17.00	-90.00	0.00572
20.00	-90.00	0.00560	25.00	-90.00	0.00529
30.00	-90.00	0.00489	40.00	-90.00	0.00401
50.00	-90.00	0.00318	60.00	-90.00	0.00250
70.00	-90.00	0.00197	80.00	-90.00	0.00158
90.00	-90.00	0.00128	100.00	-90.00	0.00106
-100.00	-80.00	0.00033	-90.00	-80.00	0.00038
-80.00	-80.00	0.00045	-70.00	-80.00	0.00054
-60.00	-80.00	0.00066	-50.00	-80.00	0.00082
-40.00	-80.00	0.00101	-30.00	-80.00	0.00126
-25.00	-80.00	0.00139	-20.00	-80.00	0.00153
-17.00	-80.00	0.00161	-15.00	-80.00	0.00167
-13.00	-80.00	0.00174	-11.00	-80.00	0.00181
-9.00	-80.00	0.00190	9.00	-80.00	0.00542
11.00	-80.00	0.00544	13.00	-80.00	0.00545
15.00	-80.00	0.00542	17.00	-80.00	0.00536
20.00	-80.00	0.00520	25.00	-80.00	0.00483
30.00	-80.00	0.00437	40.00	-80.00	0.00342
50.00	-80.00	0.00262	60.00	-80.00	0.00201
70.00	-80.00	0.00158	80.00	-80.00	0.00127
90.00	-80.00	0.00104	100.00	-80.00	0.00087
-100.00	-70.00	0.00034	-90.00	-70.00	0.00040
-80.00	-70.00	0.00047	-70.00	-70.00	0.00057
-60.00	-70.00	0.00068	-50.00	-70.00	0.00083
-40.00	-70.00	0.00101	-30.00	-70.00	0.00122

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00134	-20.00	-70.00	0.00146
-17.00	-70.00	0.00154	-15.00	-70.00	0.00160
-13.00	-70.00	0.00166	-11.00	-70.00	0.00172
-9.00	-70.00	0.00180	9.00	-70.00	0.00502
11.00	-70.00	0.00499	13.00	-70.00	0.00494
15.00	-70.00	0.00487	17.00	-70.00	0.00476

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00454	25.00	-70.00	0.00406
30.00	-70.00	0.00354	40.00	-70.00	0.00262
50.00	-70.00	0.00196	60.00	-70.00	0.00151
70.00	-70.00	0.00121	80.00	-70.00	0.00099
90.00	-70.00	0.00082	100.00	-70.00	0.00070
-100.00	-60.00	0.00035	-90.00	-60.00	0.00041
-80.00	-60.00	0.00048	-70.00	-60.00	0.00057
-60.00	-60.00	0.00069	-50.00	-60.00	0.00083
-40.00	-60.00	0.00099	-30.00	-60.00	0.00117
-25.00	-60.00	0.00127	-20.00	-60.00	0.00137
-17.00	-60.00	0.00144	-15.00	-60.00	0.00149
-13.00	-60.00	0.00154	-11.00	-60.00	0.00160
-9.00	-60.00	0.00167	9.00	-60.00	0.00430
11.00	-60.00	0.00416	13.00	-60.00	0.00401
15.00	-60.00	0.00383	17.00	-60.00	0.00363
20.00	-60.00	0.00331	25.00	-60.00	0.00280
30.00	-60.00	0.00237	40.00	-60.00	0.00175
50.00	-60.00	0.00134	60.00	-60.00	0.00107
70.00	-60.00	0.00088	80.00	-60.00	0.00074
90.00	-60.00	0.00063	100.00	-60.00	0.00054
-100.00	-50.00	0.00035	-90.00	-50.00	0.00041
-80.00	-50.00	0.00048	-70.00	-50.00	0.00057
-60.00	-50.00	0.00067	-50.00	-50.00	0.00080
-40.00	-50.00	0.00095	-30.00	-50.00	0.00111
-25.00	-50.00	0.00119	-20.00	-50.00	0.00127
-17.00	-50.00	0.00132	-15.00	-50.00	0.00136
-13.00	-50.00	0.00139	-11.00	-50.00	0.00143
-9.00	-50.00	0.00147	9.00	-50.00	0.00244

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00220	13.00	-50.00	0.00202
15.00	-50.00	0.00189	17.00	-50.00	0.00178
20.00	-50.00	0.00165	25.00	-50.00	0.00146
30.00	-50.00	0.00130	40.00	-50.00	0.00104
50.00	-50.00	0.00086	60.00	-50.00	0.00072
70.00	-50.00	0.00061	80.00	-50.00	0.00053
90.00	-50.00	0.00047	100.00	-50.00	0.00041
-100.00	-40.00	0.00035	-90.00	-40.00	0.00040
-80.00	-40.00	0.00047	-70.00	-40.00	0.00055
-60.00	-40.00	0.00064	-50.00	-40.00	0.00075
-40.00	-40.00	0.00087	-30.00	-40.00	0.00099
-25.00	-40.00	0.00105	-20.00	-40.00	0.00110

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00113	-15.00	-40.00	0.00114
-13.00	-40.00	0.00115	-11.00	-40.00	0.00115
-9.00	-40.00	0.00113	9.00	-40.00	0.00073
11.00	-40.00	0.00073	13.00	-40.00	0.00073
15.00	-40.00	0.00073	17.00	-40.00	0.00073
20.00	-40.00	0.00073	25.00	-40.00	0.00071
30.00	-40.00	0.00068	40.00	-40.00	0.00061
50.00	-40.00	0.00054	60.00	-40.00	0.00048
70.00	-40.00	0.00043	80.00	-40.00	0.00038
90.00	-40.00	0.00035	100.00	-40.00	0.00031
-100.00	-30.00	0.00034	-90.00	-30.00	0.00039
-80.00	-30.00	0.00044	-70.00	-30.00	0.00051
-60.00	-30.00	0.00058	-50.00	-30.00	0.00067
-40.00	-30.00	0.00074	-30.00	-30.00	0.00081
-25.00	-30.00	0.00083	-20.00	-30.00	0.00084
-17.00	-30.00	0.00083	-15.00	-30.00	0.00081
-13.00	-30.00	0.00079	-11.00	-30.00	0.00076
-9.00	-30.00	0.00072	9.00	-30.00	0.00048
11.00	-30.00	0.00048	13.00	-30.00	0.00048
15.00	-30.00	0.00047	17.00	-30.00	0.00047
20.00	-30.00	0.00046	25.00	-30.00	0.00044
30.00	-30.00	0.00043	40.00	-30.00	0.00039

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00036	60.00	-30.00	0.00033
70.00	-30.00	0.00031	80.00	-30.00	0.00028
90.00	-30.00	0.00026	100.00	-30.00	0.00024
-100.00	-20.00	0.00032	-90.00	-20.00	0.00036
-80.00	-20.00	0.00041	-70.00	-20.00	0.00046
-60.00	-20.00	0.00051	-50.00	-20.00	0.00057
-40.00	-20.00	0.00061	-30.00	-20.00	0.00063
-25.00	-20.00	0.00062	-20.00	-20.00	0.00059
-17.00	-20.00	0.00057	-15.00	-20.00	0.00055
-13.00	-20.00	0.00053	-11.00	-20.00	0.00050
-9.00	-20.00	0.00048	9.00	-20.00	0.00035
11.00	-20.00	0.00035	13.00	-20.00	0.00035
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00032	40.00	-20.00	0.00029
50.00	-20.00	0.00027	60.00	-20.00	0.00025
70.00	-20.00	0.00023	80.00	-20.00	0.00021
90.00	-20.00	0.00020	100.00	-20.00	0.00019

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00030	-90.00	-10.00	0.00033
-80.00	-10.00	0.00037	-70.00	-10.00	0.00041
-60.00	-10.00	0.00045	-50.00	-10.00	0.00048
-40.00	-10.00	0.00049	-30.00	-10.00	0.00047
-25.00	-10.00	0.00045	-20.00	-10.00	0.00042
-17.00	-10.00	0.00040	-15.00	-10.00	0.00039
-13.00	-10.00	0.00037	-11.00	-10.00	0.00036
-9.00	-10.00	0.00035	9.00	-10.00	0.00026
11.00	-10.00	0.00026	13.00	-10.00	0.00026
15.00	-10.00	0.00026	17.00	-10.00	0.00027
20.00	-10.00	0.00027	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00023
50.00	-10.00	0.00021	60.00	-10.00	0.00019
70.00	-10.00	0.00018	80.00	-10.00	0.00017
90.00	-10.00	0.00016	100.00	-10.00	0.00015
-100.00	0.00	0.00027	-90.00	0.00	0.00030



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00033	-70.00	0.00	0.00036
-60.00	0.00	0.00038	-50.00	0.00	0.00039
-40.00	0.00	0.00038	-30.00	0.00	0.00035
-25.00	0.00	0.00033	-20.00	0.00	0.00031
-17.00	0.00	0.00030	-15.00	0.00	0.00029
-13.00	0.00	0.00028	-11.00	0.00	0.00027
-9.00	0.00	0.00026	9.00	0.00	0.00020
11.00	0.00	0.00020	13.00	0.00	0.00021
15.00	0.00	0.00021	17.00	0.00	0.00021
20.00	0.00	0.00021	25.00	0.00	0.00021
30.00	0.00	0.00021	40.00	0.00	0.00019
50.00	0.00	0.00018	60.00	0.00	0.00016
70.00	0.00	0.00015	80.00	0.00	0.00014
90.00	0.00	0.00013	100.00	0.00	0.00012
-100.00	10.00	0.00025	-90.00	10.00	0.00027
-80.00	10.00	0.00029	-70.00	10.00	0.00031
-60.00	10.00	0.00032	-50.00	10.00	0.00031
-40.00	10.00	0.00030	-30.00	10.00	0.00027
-25.00	10.00	0.00025	-20.00	10.00	0.00024
-17.00	10.00	0.00023	-15.00	10.00	0.00023
-13.00	10.00	0.00022	-11.00	10.00	0.00021
-9.00	10.00	0.00021	9.00	10.00	0.00016
11.00	10.00	0.00016	13.00	10.00	0.00016
15.00	10.00	0.00017	17.00	10.00	0.00017

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00017	25.00	10.00	0.00017
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00015	60.00	10.00	0.00014
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00011	100.00	10.00	0.00010
-100.00	20.00	0.00023	-90.00	20.00	0.00024
-80.00	20.00	0.00025	-70.00	20.00	0.00026
-60.00	20.00	0.00026	-50.00	20.00	0.00025
-40.00	20.00	0.00023	-30.00	20.00	0.00021
-25.00	20.00	0.00020	-20.00	20.00	0.00019

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00013	-15.00	40.00	0.00013
-13.00	40.00	0.00012	-11.00	40.00	0.00012
-9.00	40.00	0.00012	9.00	40.00	0.00010
11.00	40.00	0.00010	13.00	40.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00010	17.00	40.00	0.00010
20.00	40.00	0.00010	25.00	40.00	0.00010
30.00	40.00	0.00010	40.00	40.00	0.00010
50.00	40.00	0.00010	60.00	40.00	0.00010
70.00	40.00	0.00009	80.00	40.00	0.00008
90.00	40.00	0.00008	100.00	40.00	0.00007
-100.00	50.00	0.00016	-90.00	50.00	0.00016
-80.00	50.00	0.00016	-70.00	50.00	0.00016
-60.00	50.00	0.00015	-50.00	50.00	0.00014
-40.00	50.00	0.00012	-30.00	50.00	0.00012
-25.00	50.00	0.00012	-20.00	50.00	0.00011
-17.00	50.00	0.00011	-15.00	50.00	0.00011
-13.00	50.00	0.00010	-11.00	50.00	0.00010
-9.00	50.00	0.00010	9.00	50.00	0.00008
11.00	50.00	0.00008	13.00	50.00	0.00008
15.00	50.00	0.00008	17.00	50.00	0.00008
20.00	50.00	0.00008	25.00	50.00	0.00008
30.00	50.00	0.00008	40.00	50.00	0.00009
50.00	50.00	0.00009	60.00	50.00	0.00009
70.00	50.00	0.00008	80.00	50.00	0.00008
90.00	50.00	0.00007	100.00	50.00	0.00006
-100.00	60.00	0.00014	-90.00	60.00	0.00014
-80.00	60.00	0.00014	-70.00	60.00	0.00013
-60.00	60.00	0.00013	-50.00	60.00	0.00011
-40.00	60.00	0.00011	-30.00	60.00	0.00010
-25.00	60.00	0.00010	-20.00	60.00	0.00010
-17.00	60.00	0.00009	-15.00	60.00	0.00009
-13.00	60.00	0.00009	-11.00	60.00	0.00009
-9.00	60.00	0.00009	9.00	60.00	0.00007
11.00	60.00	0.00007	13.00	60.00	0.00007
15.00	60.00	0.00007	17.00	60.00	0.00007
20.00	60.00	0.00007	25.00	60.00	0.00007
30.00	60.00	0.00007	40.00	60.00	0.00007
50.00	60.00	0.00008	60.00	60.00	0.00008
70.00	60.00	0.00007	80.00	60.00	0.00007
90.00	60.00	0.00006	100.00	60.00	0.00006

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00013	-90.00	70.00	0.00012
-80.00	70.00	0.00012	-70.00	70.00	0.00011
-60.00	70.00	0.00011	-50.00	70.00	0.00010
-40.00	70.00	0.00009	-30.00	70.00	0.00009
-25.00	70.00	0.00009	-20.00	70.00	0.00008
-17.00	70.00	0.00008	-15.00	70.00	0.00008
-13.00	70.00	0.00008	-11.00	70.00	0.00008
-9.00	70.00	0.00007	9.00	70.00	0.00006
11.00	70.00	0.00006	13.00	70.00	0.00006
15.00	70.00	0.00006	17.00	70.00	0.00006
20.00	70.00	0.00006	25.00	70.00	0.00006
30.00	70.00	0.00006	40.00	70.00	0.00007
50.00	70.00	0.00007	60.00	70.00	0.00007
70.00	70.00	0.00007	80.00	70.00	0.00006
90.00	70.00	0.00006	100.00	70.00	0.00006
-100.00	80.00	0.00011	-90.00	80.00	0.00011
-80.00	80.00	0.00010	-70.00	80.00	0.00010
-60.00	80.00	0.00009	-50.00	80.00	0.00008
-40.00	80.00	0.00008	-30.00	80.00	0.00008
-25.00	80.00	0.00008	-20.00	80.00	0.00007
-17.00	80.00	0.00007	-15.00	80.00	0.00007
-13.00	80.00	0.00007	-11.00	80.00	0.00007
-9.00	80.00	0.00007	9.00	80.00	0.00006
11.00	80.00	0.00006	13.00	80.00	0.00006
15.00	80.00	0.00006	17.00	80.00	0.00006
20.00	80.00	0.00006	25.00	80.00	0.00006
30.00	80.00	0.00006	40.00	80.00	0.00006
50.00	80.00	0.00006	60.00	80.00	0.00006
70.00	80.00	0.00006	80.00	80.00	0.00006
90.00	80.00	0.00006	100.00	80.00	0.00005
-100.00	90.00	0.00010	-90.00	90.00	0.00010
-80.00	90.00	0.00009	-70.00	90.00	0.00008
-60.00	90.00	0.00008	-50.00	90.00	0.00007
-40.00	90.00	0.00007	-30.00	90.00	0.00007
-25.00	90.00	0.00007	-20.00	90.00	0.00006
-17.00	90.00	0.00006	-15.00	90.00	0.00006
-13.00	90.00	0.00006	-11.00	90.00	0.00006
-9.00	90.00	0.00006	9.00	90.00	0.00005
11.00	90.00	0.00005	13.00	90.00	0.00005
15.00	90.00	0.00005	17.00	90.00	0.00005

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00005	25.00	90.00	0.00005
30.00	90.00	0.00005	40.00	90.00	0.00005
50.00	90.00	0.00005	60.00	90.00	0.00005
70.00	90.00	0.00005	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00009	-90.00	100.00	0.00008
-80.00	100.00	0.00008	-70.00	100.00	0.00007
-60.00	100.00	0.00007	-50.00	100.00	0.00006
-40.00	100.00	0.00006	-30.00	100.00	0.00006
-25.00	100.00	0.00006	-20.00	100.00	0.00006
-17.00	100.00	0.00006	-15.00	100.00	0.00006
-13.00	100.00	0.00005	-11.00	100.00	0.00005
-9.00	100.00	0.00005	9.00	100.00	0.00005
11.00	100.00	0.00005	13.00	100.00	0.00004
15.00	100.00	0.00004	17.00	100.00	0.00004
20.00	100.00	0.00004	25.00	100.00	0.00004
30.00	100.00	0.00005	40.00	100.00	0.00005
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00005
90.00	100.00	0.00005	100.00	100.00	0.00004
-100.00	110.00	0.00008	-90.00	110.00	0.00007
-80.00	110.00	0.00007	-70.00	110.00	0.00006
-60.00	110.00	0.00006	-50.00	110.00	0.00006
-40.00	110.00	0.00006	-30.00	110.00	0.00006
-25.00	110.00	0.00005	-20.00	110.00	0.00005
-17.00	110.00	0.00005	-15.00	110.00	0.00005
-13.00	110.00	0.00005	-11.00	110.00	0.00005
-9.00	110.00	0.00005	9.00	110.00	0.00004
11.00	110.00	0.00004	13.00	110.00	0.00004
15.00	110.00	0.00004	17.00	110.00	0.00004
20.00	110.00	0.00004	25.00	110.00	0.00004
30.00	110.00	0.00004	40.00	110.00	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00004	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00007	-90.00	120.00	0.00006

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00006	-70.00	120.00	0.00006
-60.00	120.00	0.00005	-50.00	120.00	0.00005
-40.00	120.00	0.00005	-30.00	120.00	0.00005
-25.00	120.00	0.00005	-20.00	120.00	0.00005

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00004	-15.00	140.00	0.00004
-13.00	140.00	0.00004	-11.00	140.00	0.00004
-9.00	140.00	0.00003	9.00	140.00	0.00003
11.00	140.00	0.00003	13.00	140.00	0.00003
15.00	140.00	0.00003	17.00	140.00	0.00003
20.00	140.00	0.00003	25.00	140.00	0.00003
30.00	140.00	0.00003	40.00	140.00	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00003

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

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

09:52:50

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00003	17.00	160.00	0.00003
20.00	160.00	0.00003	25.00	160.00	0.00003
30.00	160.00	0.00003	40.00	160.00	0.00003
50.00	160.00	0.00003	60.00	160.00	0.00003
70.00	160.00	0.00003	80.00	160.00	0.00003
90.00	160.00	0.00003	100.00	160.00	0.00003
-100.00	170.00	0.00004	-90.00	170.00	0.00004
-80.00	170.00	0.00004	-70.00	170.00	0.00003
-60.00	170.00	0.00003	-50.00	170.00	0.00003
-40.00	170.00	0.00003	-30.00	170.00	0.00003
-25.00	170.00	0.00003	-20.00	170.00	0.00003
-17.00	170.00	0.00003	-15.00	170.00	0.00003
-13.00	170.00	0.00003	-11.00	170.00	0.00003
-9.00	170.00	0.00003	9.00	170.00	0.00002
11.00	170.00	0.00002	13.00	170.00	0.00002
15.00	170.00	0.00002	17.00	170.00	0.00002

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00003	-90.00	190.00	0.00003
-80.00	190.00	0.00003	-70.00	190.00	0.00003
-60.00	190.00	0.00003	-50.00	190.00	0.00003
-40.00	190.00	0.00003	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00002	-15.00	190.00	0.00002
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00003	-90.00	200.00	0.00003
-80.00	200.00	0.00003	-70.00	200.00	0.00003
-60.00	200.00	0.00003	-50.00	200.00	0.00003
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00002	-20.00	200.00	0.00002

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

09:52:50  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00002
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00002
50.00	240.00	0.00002	60.00	240.00	0.00002
70.00	240.00	0.00002	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

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

04/20/08

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

09:52:50

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001
70.00	250.00	0.00001	80.00	250.00	0.00001
90.00	250.00	0.00001	100.00	250.00	0.00001

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00020	-90.00	-250.00	0.00023
-80.00	-250.00	0.00027	-70.00	-250.00	0.00031
-60.00	-250.00	0.00036	-50.00	-250.00	0.00042
-40.00	-250.00	0.00048	-30.00	-250.00	0.00055
-25.00	-250.00	0.00058	-20.00	-250.00	0.00063
-17.00	-250.00	0.00066	-15.00	-250.00	0.00068
-13.00	-250.00	0.00072	-11.00	-250.00	0.00076
-9.00	-250.00	0.00081	9.00	-250.00	0.00161
11.00	-250.00	0.00173	13.00	-250.00	0.00186
15.00	-250.00	0.00198	17.00	-250.00	0.00211
20.00	-250.00	0.00230	25.00	-250.00	0.00258
30.00	-250.00	0.00280	40.00	-250.00	0.00301
50.00	-250.00	0.00295	60.00	-250.00	0.00275
70.00	-250.00	0.00249	80.00	-250.00	0.00223
90.00	-250.00	0.00199	100.00	-250.00	0.00176
-100.00	-240.00	0.00021	-90.00	-240.00	0.00024
-80.00	-240.00	0.00028	-70.00	-240.00	0.00033
-60.00	-240.00	0.00038	-50.00	-240.00	0.00045
-40.00	-240.00	0.00053	-30.00	-240.00	0.00062
-25.00	-240.00	0.00067	-20.00	-240.00	0.00073
-17.00	-240.00	0.00077	-15.00	-240.00	0.00080
-13.00	-240.00	0.00083	-11.00	-240.00	0.00088
-9.00	-240.00	0.00093	9.00	-240.00	0.00229
11.00	-240.00	0.00253	13.00	-240.00	0.00276
15.00	-240.00	0.00298	17.00	-240.00	0.00320
20.00	-240.00	0.00347	25.00	-240.00	0.00379
30.00	-240.00	0.00391	40.00	-240.00	0.00381
50.00	-240.00	0.00348	60.00	-240.00	0.00310
70.00	-240.00	0.00272	80.00	-240.00	0.00238

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00207	100.00	-240.00	0.00180
-100.00	-230.00	0.00022	-90.00	-230.00	0.00026
-80.00	-230.00	0.00030	-70.00	-230.00	0.00035
-60.00	-230.00	0.00042	-50.00	-230.00	0.00049
-40.00	-230.00	0.00058	-30.00	-230.00	0.00068
-25.00	-230.00	0.00074	-20.00	-230.00	0.00081
-17.00	-230.00	0.00086	-15.00	-230.00	0.00091
-13.00	-230.00	0.00096	-11.00	-230.00	0.00103
-9.00	-230.00	0.00111	9.00	-230.00	0.00410
11.00	-230.00	0.00444	13.00	-230.00	0.00469
15.00	-230.00	0.00486	17.00	-230.00	0.00498

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00507	25.00	-230.00	0.00506
30.00	-230.00	0.00491	40.00	-230.00	0.00441
50.00	-230.00	0.00385	60.00	-230.00	0.00333
70.00	-230.00	0.00286	80.00	-230.00	0.00245
90.00	-230.00	0.00209	100.00	-230.00	0.00179
-100.00	-220.00	0.00023	-90.00	-220.00	0.00027
-80.00	-220.00	0.00032	-70.00	-220.00	0.00038
-60.00	-220.00	0.00045	-50.00	-220.00	0.00054
-40.00	-220.00	0.00065	-30.00	-220.00	0.00079
-25.00	-220.00	0.00087	-20.00	-220.00	0.00096
-17.00	-220.00	0.00104	-15.00	-220.00	0.00110
-13.00	-220.00	0.00117	-11.00	-220.00	0.00127
-9.00	-220.00	0.00141	9.00	-220.00	0.00574
11.00	-220.00	0.00583	13.00	-220.00	0.00590
15.00	-220.00	0.00594	17.00	-220.00	0.00595
20.00	-220.00	0.00590	25.00	-220.00	0.00570
30.00	-220.00	0.00541	40.00	-220.00	0.00472
50.00	-220.00	0.00403	60.00	-220.00	0.00341
70.00	-220.00	0.00288	80.00	-220.00	0.00243
90.00	-220.00	0.00205	100.00	-220.00	0.00173
-100.00	-210.00	0.00025	-90.00	-210.00	0.00029
-80.00	-210.00	0.00035	-70.00	-210.00	0.00042
-60.00	-210.00	0.00050	-50.00	-210.00	0.00061

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00076	-30.00	-210.00	0.00094
-25.00	-210.00	0.00105	-20.00	-210.00	0.00119
-17.00	-210.00	0.00130	-15.00	-210.00	0.00138
-13.00	-210.00	0.00148	-11.00	-210.00	0.00161
-9.00	-210.00	0.00177	9.00	-210.00	0.00589
11.00	-210.00	0.00598	13.00	-210.00	0.00605
15.00	-210.00	0.00609	17.00	-210.00	0.00610
20.00	-210.00	0.00605	25.00	-210.00	0.00583
30.00	-210.00	0.00551	40.00	-210.00	0.00476
50.00	-210.00	0.00402	60.00	-210.00	0.00336
70.00	-210.00	0.00279	80.00	-210.00	0.00232
90.00	-210.00	0.00193	100.00	-210.00	0.00161
-100.00	-200.00	0.00026	-90.00	-200.00	0.00031
-80.00	-200.00	0.00037	-70.00	-200.00	0.00045
-60.00	-200.00	0.00056	-50.00	-200.00	0.00069
-40.00	-200.00	0.00086	-30.00	-200.00	0.00109
-25.00	-200.00	0.00123	-20.00	-200.00	0.00139

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00151	-15.00	-200.00	0.00159
-13.00	-200.00	0.00169	-11.00	-200.00	0.00180
-9.00	-200.00	0.00194	9.00	-200.00	0.00590
11.00	-200.00	0.00598	13.00	-200.00	0.00604
15.00	-200.00	0.00607	17.00	-200.00	0.00607
20.00	-200.00	0.00600	25.00	-200.00	0.00576
30.00	-200.00	0.00542	40.00	-200.00	0.00464
50.00	-200.00	0.00387	60.00	-200.00	0.00319
70.00	-200.00	0.00261	80.00	-200.00	0.00213
90.00	-200.00	0.00175	100.00	-200.00	0.00145
-100.00	-190.00	0.00029	-90.00	-190.00	0.00034
-80.00	-190.00	0.00040	-70.00	-190.00	0.00049
-60.00	-190.00	0.00060	-50.00	-190.00	0.00075
-40.00	-190.00	0.00094	-30.00	-190.00	0.00119
-25.00	-190.00	0.00134	-20.00	-190.00	0.00151
-17.00	-190.00	0.00162	-15.00	-190.00	0.00169
-13.00	-190.00	0.00177	-11.00	-190.00	0.00187

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00198	9.00	-190.00	0.00583
11.00	-190.00	0.00589	13.00	-190.00	0.00595
15.00	-190.00	0.00596	17.00	-190.00	0.00594
20.00	-190.00	0.00585	25.00	-190.00	0.00558
30.00	-190.00	0.00522	40.00	-190.00	0.00440
50.00	-190.00	0.00360	60.00	-190.00	0.00290
70.00	-190.00	0.00233	80.00	-190.00	0.00188
90.00	-190.00	0.00153	100.00	-190.00	0.00126
-100.00	-180.00	0.00031	-90.00	-180.00	0.00036
-80.00	-180.00	0.00043	-70.00	-180.00	0.00052
-60.00	-180.00	0.00063	-50.00	-180.00	0.00079
-40.00	-180.00	0.00100	-30.00	-180.00	0.00125
-25.00	-180.00	0.00139	-20.00	-180.00	0.00155
-17.00	-180.00	0.00164	-15.00	-180.00	0.00171
-13.00	-180.00	0.00178	-11.00	-180.00	0.00186
-9.00	-180.00	0.00197	9.00	-180.00	0.00567
11.00	-180.00	0.00572	13.00	-180.00	0.00576
15.00	-180.00	0.00575	17.00	-180.00	0.00572
20.00	-180.00	0.00560	25.00	-180.00	0.00529
30.00	-180.00	0.00489	40.00	-180.00	0.00401
50.00	-180.00	0.00318	60.00	-180.00	0.00250
70.00	-180.00	0.00197	80.00	-180.00	0.00158
90.00	-180.00	0.00128	100.00	-180.00	0.00106

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

09:52:50  
 \*\*MODELOPTS:  
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00033	-90.00	-170.00	0.00038
-80.00	-170.00	0.00045	-70.00	-170.00	0.00054
-60.00	-170.00	0.00066	-50.00	-170.00	0.00082
-40.00	-170.00	0.00101	-30.00	-170.00	0.00126
-25.00	-170.00	0.00139	-20.00	-170.00	0.00153
-17.00	-170.00	0.00161	-15.00	-170.00	0.00167
-13.00	-170.00	0.00174	-11.00	-170.00	0.00181
-9.00	-170.00	0.00190	9.00	-170.00	0.00542
11.00	-170.00	0.00544	13.00	-170.00	0.00545
15.00	-170.00	0.00542	17.00	-170.00	0.00536
20.00	-170.00	0.00520	25.00	-170.00	0.00483

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00437	40.00	-170.00	0.00342
50.00	-170.00	0.00262	60.00	-170.00	0.00201
70.00	-170.00	0.00158	80.00	-170.00	0.00127
90.00	-170.00	0.00104	100.00	-170.00	0.00087
-100.00	-160.00	0.00034	-90.00	-160.00	0.00040
-80.00	-160.00	0.00047	-70.00	-160.00	0.00057
-60.00	-160.00	0.00068	-50.00	-160.00	0.00083
-40.00	-160.00	0.00101	-30.00	-160.00	0.00122
-25.00	-160.00	0.00134	-20.00	-160.00	0.00146
-17.00	-160.00	0.00154	-15.00	-160.00	0.00160
-13.00	-160.00	0.00166	-11.00	-160.00	0.00172
-9.00	-160.00	0.00180	9.00	-160.00	0.00502
11.00	-160.00	0.00499	13.00	-160.00	0.00494
15.00	-160.00	0.00487	17.00	-160.00	0.00476
20.00	-160.00	0.00454	25.00	-160.00	0.00406
30.00	-160.00	0.00354	40.00	-160.00	0.00262
50.00	-160.00	0.00196	60.00	-160.00	0.00151
70.00	-160.00	0.00121	80.00	-160.00	0.00099
90.00	-160.00	0.00082	100.00	-160.00	0.00070
-100.00	-150.00	0.00035	-90.00	-150.00	0.00041
-80.00	-150.00	0.00048	-70.00	-150.00	0.00057
-60.00	-150.00	0.00069	-50.00	-150.00	0.00083
-40.00	-150.00	0.00099	-30.00	-150.00	0.00117
-25.00	-150.00	0.00127	-20.00	-150.00	0.00137
-17.00	-150.00	0.00144	-15.00	-150.00	0.00149
-13.00	-150.00	0.00154	-11.00	-150.00	0.00160
-9.00	-150.00	0.00167	9.00	-150.00	0.00430
11.00	-150.00	0.00416	13.00	-150.00	0.00401
15.00	-150.00	0.00383	17.00	-150.00	0.00363

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00331	25.00	-150.00	0.00280
30.00	-150.00	0.00237	40.00	-150.00	0.00175
50.00	-150.00	0.00134	60.00	-150.00	0.00107
70.00	-150.00	0.00088	80.00	-150.00	0.00074
90.00	-150.00	0.00063	100.00	-150.00	0.00054



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00035	-90.00	-140.00	0.00041
-80.00	-140.00	0.00048	-70.00	-140.00	0.00057
-60.00	-140.00	0.00067	-50.00	-140.00	0.00080
-40.00	-140.00	0.00095	-30.00	-140.00	0.00111
-25.00	-140.00	0.00119	-20.00	-140.00	0.00127
-17.00	-140.00	0.00132	-15.00	-140.00	0.00136
-13.00	-140.00	0.00139	-11.00	-140.00	0.00143
-9.00	-140.00	0.00147	9.00	-140.00	0.00244
11.00	-140.00	0.00220	13.00	-140.00	0.00202
15.00	-140.00	0.00189	17.00	-140.00	0.00178
20.00	-140.00	0.00165	25.00	-140.00	0.00146
30.00	-140.00	0.00130	40.00	-140.00	0.00104
50.00	-140.00	0.00086	60.00	-140.00	0.00072
70.00	-140.00	0.00061	80.00	-140.00	0.00053
90.00	-140.00	0.00047	100.00	-140.00	0.00041
-100.00	-130.00	0.00035	-90.00	-130.00	0.00040
-80.00	-130.00	0.00047	-70.00	-130.00	0.00055
-60.00	-130.00	0.00064	-50.00	-130.00	0.00075
-40.00	-130.00	0.00087	-30.00	-130.00	0.00099
-25.00	-130.00	0.00105	-20.00	-130.00	0.00110
-17.00	-130.00	0.00113	-15.00	-130.00	0.00114
-13.00	-130.00	0.00115	-11.00	-130.00	0.00115
-9.00	-130.00	0.00113	9.00	-130.00	0.00073
11.00	-130.00	0.00073	13.00	-130.00	0.00073
15.00	-130.00	0.00073	17.00	-130.00	0.00073
20.00	-130.00	0.00073	25.00	-130.00	0.00071
30.00	-130.00	0.00068	40.00	-130.00	0.00061
50.00	-130.00	0.00054	60.00	-130.00	0.00048
70.00	-130.00	0.00043	80.00	-130.00	0.00038
90.00	-130.00	0.00035	100.00	-130.00	0.00031
-100.00	-120.00	0.00034	-90.00	-120.00	0.00039
-80.00	-120.00	0.00044	-70.00	-120.00	0.00051
-60.00	-120.00	0.00058	-50.00	-120.00	0.00067
-40.00	-120.00	0.00074	-30.00	-120.00	0.00081
-25.00	-120.00	0.00083	-20.00	-120.00	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 09:52:50  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00083	-15.00	-120.00	0.00081
-13.00	-120.00	0.00079	-11.00	-120.00	0.00076
-9.00	-120.00	0.00072	9.00	-120.00	0.00048
11.00	-120.00	0.00048	13.00	-120.00	0.00048
15.00	-120.00	0.00047	17.00	-120.00	0.00047
20.00	-120.00	0.00046	25.00	-120.00	0.00044
30.00	-120.00	0.00043	40.00	-120.00	0.00039
50.00	-120.00	0.00036	60.00	-120.00	0.00033
70.00	-120.00	0.00031	80.00	-120.00	0.00028
90.00	-120.00	0.00026	100.00	-120.00	0.00024
-100.00	-110.00	0.00032	-90.00	-110.00	0.00036
-80.00	-110.00	0.00041	-70.00	-110.00	0.00046
-60.00	-110.00	0.00051	-50.00	-110.00	0.00057
-40.00	-110.00	0.00061	-30.00	-110.00	0.00063
-25.00	-110.00	0.00062	-20.00	-110.00	0.00059
-17.00	-110.00	0.00057	-15.00	-110.00	0.00055
-13.00	-110.00	0.00053	-11.00	-110.00	0.00050
-9.00	-110.00	0.00048	9.00	-110.00	0.00035
11.00	-110.00	0.00035	13.00	-110.00	0.00035
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00032	40.00	-110.00	0.00029
50.00	-110.00	0.00027	60.00	-110.00	0.00025
70.00	-110.00	0.00023	80.00	-110.00	0.00021
90.00	-110.00	0.00020	100.00	-110.00	0.00019
-100.00	-100.00	0.00030	-90.00	-100.00	0.00033
-80.00	-100.00	0.00037	-70.00	-100.00	0.00041
-60.00	-100.00	0.00045	-50.00	-100.00	0.00048
-40.00	-100.00	0.00049	-30.00	-100.00	0.00047
-25.00	-100.00	0.00045	-20.00	-100.00	0.00042
-17.00	-100.00	0.00040	-15.00	-100.00	0.00039
-13.00	-100.00	0.00037	-11.00	-100.00	0.00036
-9.00	-100.00	0.00035	9.00	-100.00	0.00026
11.00	-100.00	0.00026	13.00	-100.00	0.00026
15.00	-100.00	0.00026	17.00	-100.00	0.00027
20.00	-100.00	0.00027	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00023
50.00	-100.00	0.00021	60.00	-100.00	0.00019
70.00	-100.00	0.00018	80.00	-100.00	0.00017
90.00	-100.00	0.00016	100.00	-100.00	0.00015

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00027	-90.00	-90.00	0.00030
-80.00	-90.00	0.00033	-70.00	-90.00	0.00036
-60.00	-90.00	0.00038	-50.00	-90.00	0.00039
-40.00	-90.00	0.00038	-30.00	-90.00	0.00035
-25.00	-90.00	0.00033	-20.00	-90.00	0.00031
-17.00	-90.00	0.00030	-15.00	-90.00	0.00029
-13.00	-90.00	0.00028	-11.00	-90.00	0.00027
-9.00	-90.00	0.00026	9.00	-90.00	0.00020
11.00	-90.00	0.00020	13.00	-90.00	0.00021
15.00	-90.00	0.00021	17.00	-90.00	0.00021
20.00	-90.00	0.00021	25.00	-90.00	0.00021
30.00	-90.00	0.00021	40.00	-90.00	0.00019
50.00	-90.00	0.00018	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00013	100.00	-90.00	0.00012
-100.00	-80.00	0.00025	-90.00	-80.00	0.00027
-80.00	-80.00	0.00029	-70.00	-80.00	0.00031
-60.00	-80.00	0.00032	-50.00	-80.00	0.00031
-40.00	-80.00	0.00030	-30.00	-80.00	0.00027
-25.00	-80.00	0.00025	-20.00	-80.00	0.00024
-17.00	-80.00	0.00023	-15.00	-80.00	0.00023
-13.00	-80.00	0.00022	-11.00	-80.00	0.00021
-9.00	-80.00	0.00021	9.00	-80.00	0.00016
11.00	-80.00	0.00016	13.00	-80.00	0.00016
15.00	-80.00	0.00017	17.00	-80.00	0.00017
20.00	-80.00	0.00017	25.00	-80.00	0.00017
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00015	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00011	100.00	-80.00	0.00010
-100.00	-70.00	0.00023	-90.00	-70.00	0.00024
-80.00	-70.00	0.00025	-70.00	-70.00	0.00026
-60.00	-70.00	0.00026	-50.00	-70.00	0.00025
-40.00	-70.00	0.00023	-30.00	-70.00	0.00021
-25.00	-70.00	0.00020	-20.00	-70.00	0.00019
-17.00	-70.00	0.00019	-15.00	-70.00	0.00018
-13.00	-70.00	0.00018	-11.00	-70.00	0.00017

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00017	9.00	-70.00	0.00014
11.00	-70.00	0.00013	13.00	-70.00	0.00014
15.00	-70.00	0.00014	17.00	-70.00	0.00014

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00010	40.00	-50.00	0.00010
50.00	-50.00	0.00010	60.00	-50.00	0.00010
70.00	-50.00	0.00009	80.00	-50.00	0.00008
90.00	-50.00	0.00008	100.00	-50.00	0.00007
-100.00	-40.00	0.00016	-90.00	-40.00	0.00016
-80.00	-40.00	0.00016	-70.00	-40.00	0.00016
-60.00	-40.00	0.00015	-50.00	-40.00	0.00014
-40.00	-40.00	0.00012	-30.00	-40.00	0.00012
-25.00	-40.00	0.00012	-20.00	-40.00	0.00011

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

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

09:52:50

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00011	-90.00	-10.00	0.00011
-80.00	-10.00	0.00010	-70.00	-10.00	0.00010
-60.00	-10.00	0.00009	-50.00	-10.00	0.00008
-40.00	-10.00	0.00008	-30.00	-10.00	0.00008
-25.00	-10.00	0.00008	-20.00	-10.00	0.00007
-17.00	-10.00	0.00007	-15.00	-10.00	0.00007
-13.00	-10.00	0.00007	-11.00	-10.00	0.00007
-9.00	-10.00	0.00007	9.00	-10.00	0.00006
11.00	-10.00	0.00006	13.00	-10.00	0.00006
15.00	-10.00	0.00006	17.00	-10.00	0.00006
20.00	-10.00	0.00006	25.00	-10.00	0.00006
30.00	-10.00	0.00006	40.00	-10.00	0.00006
50.00	-10.00	0.00006	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00006
90.00	-10.00	0.00006	100.00	-10.00	0.00005
-100.00	0.00	0.00010	-90.00	0.00	0.00010
-80.00	0.00	0.00009	-70.00	0.00	0.00008
-60.00	0.00	0.00008	-50.00	0.00	0.00007
-40.00	0.00	0.00007	-30.00	0.00	0.00007

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00007	-20.00	0.00	0.00006
-17.00	0.00	0.00006	-15.00	0.00	0.00006
-13.00	0.00	0.00006	-11.00	0.00	0.00006
-9.00	0.00	0.00006	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00005
20.00	0.00	0.00005	25.00	0.00	0.00005
30.00	0.00	0.00005	40.00	0.00	0.00005
50.00	0.00	0.00005	60.00	0.00	0.00005
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00009	-90.00	10.00	0.00008
-80.00	10.00	0.00008	-70.00	10.00	0.00007
-60.00	10.00	0.00007	-50.00	10.00	0.00006
-40.00	10.00	0.00006	-30.00	10.00	0.00006
-25.00	10.00	0.00006	-20.00	10.00	0.00006
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00005	-11.00	10.00	0.00005
-9.00	10.00	0.00005	9.00	10.00	0.00005
11.00	10.00	0.00005	13.00	10.00	0.00004
15.00	10.00	0.00004	17.00	10.00	0.00004

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

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

09:52:50

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00004	25.00	10.00	0.00004
30.00	10.00	0.00005	40.00	10.00	0.00005
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00005
90.00	10.00	0.00005	100.00	10.00	0.00004
-100.00	20.00	0.00008	-90.00	20.00	0.00007
-80.00	20.00	0.00007	-70.00	20.00	0.00006
-60.00	20.00	0.00006	-50.00	20.00	0.00006
-40.00	20.00	0.00006	-30.00	20.00	0.00006
-25.00	20.00	0.00005	-20.00	20.00	0.00005
-17.00	20.00	0.00005	-15.00	20.00	0.00005
-13.00	20.00	0.00005	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:  
 PAGE 114

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00004	-15.00	40.00	0.00004
-13.00	40.00	0.00004	-11.00	40.00	0.00004
-9.00	40.00	0.00004	9.00	40.00	0.00003
11.00	40.00	0.00003	13.00	40.00	0.00003
15.00	40.00	0.00003	17.00	40.00	0.00003
20.00	40.00	0.00003	25.00	40.00	0.00003
30.00	40.00	0.00003	40.00	40.00	0.00003



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00004	-90.00	70.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00002	25.00	90.00	0.00002
30.00	90.00	0.00002	40.00	90.00	0.00002
50.00	90.00	0.00002	60.00	90.00	0.00002
70.00	90.00	0.00002	80.00	90.00	0.00002
90.00	90.00	0.00002	100.00	90.00	0.00002
-100.00	100.00	0.00003	-90.00	100.00	0.00003
-80.00	100.00	0.00003	-70.00	100.00	0.00003
-60.00	100.00	0.00003	-50.00	100.00	0.00003
-40.00	100.00	0.00003	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00002	-15.00	100.00	0.00002
-13.00	100.00	0.00002	-11.00	100.00	0.00002
-9.00	100.00	0.00002	9.00	100.00	0.00002
11.00	100.00	0.00002	13.00	100.00	0.00002
15.00	100.00	0.00002	17.00	100.00	0.00002
20.00	100.00	0.00002	25.00	100.00	0.00002
30.00	100.00	0.00002	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00002
70.00	100.00	0.00002	80.00	100.00	0.00002
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00003	-90.00	110.00	0.00003
-80.00	110.00	0.00003	-70.00	110.00	0.00003
-60.00	110.00	0.00003	-50.00	110.00	0.00003
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00002	-20.00	110.00	0.00002
-17.00	110.00	0.00002	-15.00	110.00	0.00002
-13.00	110.00	0.00002	-11.00	110.00	0.00002
-9.00	110.00	0.00002	9.00	110.00	0.00002
11.00	110.00	0.00002	13.00	110.00	0.00002
15.00	110.00	0.00002	17.00	110.00	0.00002
20.00	110.00	0.00002	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00003	-90.00	120.00	0.00003
-80.00	120.00	0.00003	-70.00	120.00	0.00003
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00002	-30.00	120.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00002 -20.00 120.00 0.00002

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

09:52:50

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00002	-15.00	120.00	0.00002
-13.00	120.00	0.00002	-11.00	120.00	0.00002
-9.00	120.00	0.00002	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00003	-90.00	130.00	0.00002
-80.00	130.00	0.00002	-70.00	130.00	0.00002
-60.00	130.00	0.00002	-50.00	130.00	0.00002
-40.00	130.00	0.00002	-30.00	130.00	0.00002
-25.00	130.00	0.00002	-20.00	130.00	0.00002
-17.00	130.00	0.00002	-15.00	130.00	0.00002
-13.00	130.00	0.00002	-11.00	130.00	0.00002
-9.00	130.00	0.00002	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00002	-90.00	140.00	0.00002
-80.00	140.00	0.00002	-70.00	140.00	0.00002
-60.00	140.00	0.00002	-50.00	140.00	0.00002
-40.00	140.00	0.00002	-30.00	140.00	0.00002
-25.00	140.00	0.00002	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002

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11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00002	60.00	140.00	0.00002
70.00	140.00	0.00002	80.00	140.00	0.00002
90.00	140.00	0.00002	100.00	140.00	0.00002

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

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

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00002	-90.00	150.00	0.00002
-80.00	150.00	0.00002	-70.00	150.00	0.00002
-60.00	150.00	0.00002	-50.00	150.00	0.00002
-40.00	150.00	0.00002	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00001
30.00	150.00	0.00001	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00002	-90.00	160.00	0.00002
-80.00	160.00	0.00002	-70.00	160.00	0.00002
-60.00	160.00	0.00002	-50.00	160.00	0.00002
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00001
11.00	160.00	0.00001	13.00	160.00	0.00001
15.00	160.00	0.00001	17.00	160.00	0.00001
20.00	160.00	0.00001	25.00	160.00	0.00001
30.00	160.00	0.00001	40.00	160.00	0.00001

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00001	60.00	160.00	0.00001
70.00	160.00	0.00001	80.00	160.00	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-100.00	170.00	0.00002	-90.00	170.00	0.00002
-80.00	170.00	0.00002	-70.00	170.00	0.00002
-60.00	170.00	0.00002	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00001	9.00	170.00	0.00001
11.00	170.00	0.00001	13.00	170.00	0.00001
15.00	170.00	0.00001	17.00	170.00	0.00001

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00001	25.00	170.00	0.00001
30.00	170.00	0.00001	40.00	170.00	0.00001
50.00	170.00	0.00001	60.00	170.00	0.00001
70.00	170.00	0.00001	80.00	170.00	0.00001
90.00	170.00	0.00001	100.00	170.00	0.00001
-100.00	180.00	0.00002	-90.00	180.00	0.00002
-80.00	180.00	0.00002	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00001
-17.00	180.00	0.00001	-15.00	180.00	0.00001
-13.00	180.00	0.00001	-11.00	180.00	0.00001
-9.00	180.00	0.00001	9.00	180.00	0.00001
11.00	180.00	0.00001	13.00	180.00	0.00001
15.00	180.00	0.00001	17.00	180.00	0.00001
20.00	180.00	0.00001	25.00	180.00	0.00001
30.00	180.00	0.00001	40.00	180.00	0.00001
50.00	180.00	0.00001	60.00	180.00	0.00001
70.00	180.00	0.00001	80.00	180.00	0.00001
90.00	180.00	0.00001	100.00	180.00	0.00001
-100.00	190.00	0.00002	-90.00	190.00	0.00002

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-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00001
-25.00	190.00	0.00001	-20.00	190.00	0.00001
-17.00	190.00	0.00001	-15.00	190.00	0.00001
-13.00	190.00	0.00001	-11.00	190.00	0.00001
-9.00	190.00	0.00001	9.00	190.00	0.00001
11.00	190.00	0.00001	13.00	190.00	0.00001
15.00	190.00	0.00001	17.00	190.00	0.00001
20.00	190.00	0.00001	25.00	190.00	0.00001
30.00	190.00	0.00001	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00001
90.00	190.00	0.00001	100.00	190.00	0.00001
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00001	-30.00	200.00	0.00001
-25.00	200.00	0.00001	-20.00	200.00	0.00001

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00001	-15.00	200.00	0.00001
-13.00	200.00	0.00001	-11.00	200.00	0.00001
-9.00	200.00	0.00001	9.00	200.00	0.00001
11.00	200.00	0.00001	13.00	200.00	0.00001
15.00	200.00	0.00001	17.00	200.00	0.00001
20.00	200.00	0.00001	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00001
-40.00	210.00	0.00001	-30.00	210.00	0.00001
-25.00	210.00	0.00001	-20.00	210.00	0.00001

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-17.00	210.00	0.00001	-15.00	210.00	0.00001
-13.00	210.00	0.00001	-11.00	210.00	0.00001
-9.00	210.00	0.00001	9.00	210.00	0.00001
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00001	-90.00	220.00	0.00001
-80.00	220.00	0.00001	-70.00	220.00	0.00001
-60.00	220.00	0.00001	-50.00	220.00	0.00001
-40.00	220.00	0.00001	-30.00	220.00	0.00001
-25.00	220.00	0.00001	-20.00	220.00	0.00001
-17.00	220.00	0.00001	-15.00	220.00	0.00001
-13.00	220.00	0.00001	-11.00	220.00	0.00001
-9.00	220.00	0.00001	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00001	-90.00	230.00	0.00001
-80.00	230.00	0.00001	-70.00	230.00	0.00001
-60.00	230.00	0.00001	-50.00	230.00	0.00001
-40.00	230.00	0.00001	-30.00	230.00	0.00001
-25.00	230.00	0.00001	-20.00	230.00	0.00001
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001



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15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00001	-90.00	240.00	0.00001
-80.00	240.00	0.00001	-70.00	240.00	0.00001
-60.00	240.00	0.00001	-50.00	240.00	0.00001
-40.00	240.00	0.00001	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00001	-90.00	250.00	0.00001
-80.00	250.00	0.00001	-70.00	250.00	0.00001
-60.00	250.00	0.00001	-50.00	250.00	0.00001
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

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70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

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

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URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00045	-90.00	-250.00	0.00049
-80.00	-250.00	0.00054	-70.00	-250.00	0.00059
-60.00	-250.00	0.00066	-50.00	-250.00	0.00074
-40.00	-250.00	0.00083	-30.00	-250.00	0.00093
-25.00	-250.00	0.00099	-20.00	-250.00	0.00106
-17.00	-250.00	0.00111	-15.00	-250.00	0.00114
-13.00	-250.00	0.00119	-11.00	-250.00	0.00124
-9.00	-250.00	0.00130	9.00	-250.00	0.00218
11.00	-250.00	0.00231	13.00	-250.00	0.00244
15.00	-250.00	0.00258	17.00	-250.00	0.00272
20.00	-250.00	0.00292	25.00	-250.00	0.00322
30.00	-250.00	0.00347	40.00	-250.00	0.00374
50.00	-250.00	0.00375	60.00	-250.00	0.00360
70.00	-250.00	0.00339	80.00	-250.00	0.00318
90.00	-250.00	0.00296	100.00	-250.00	0.00277
-100.00	-240.00	0.00048	-90.00	-240.00	0.00052
-80.00	-240.00	0.00057	-70.00	-240.00	0.00064
-60.00	-240.00	0.00071	-50.00	-240.00	0.00079
-40.00	-240.00	0.00090	-30.00	-240.00	0.00103
-25.00	-240.00	0.00111	-20.00	-240.00	0.00119
-17.00	-240.00	0.00125	-15.00	-240.00	0.00129
-13.00	-240.00	0.00134	-11.00	-240.00	0.00140
-9.00	-240.00	0.00147	9.00	-240.00	0.00292
11.00	-240.00	0.00316	13.00	-240.00	0.00341
15.00	-240.00	0.00364	17.00	-240.00	0.00387
20.00	-240.00	0.00416	25.00	-240.00	0.00451
30.00	-240.00	0.00467	40.00	-240.00	0.00464
50.00	-240.00	0.00438	60.00	-240.00	0.00406
70.00	-240.00	0.00374	80.00	-240.00	0.00344
90.00	-240.00	0.00317	100.00	-240.00	0.00293
-100.00	-230.00	0.00050	-90.00	-230.00	0.00055
-80.00	-230.00	0.00061	-70.00	-230.00	0.00068

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-60.00	-230.00	0.00077	-50.00	-230.00	0.00087
-40.00	-230.00	0.00098	-30.00	-230.00	0.00113
-25.00	-230.00	0.00121	-20.00	-230.00	0.00132
-17.00	-230.00	0.00139	-15.00	-230.00	0.00145
-13.00	-230.00	0.00151	-11.00	-230.00	0.00160
-9.00	-230.00	0.00169	9.00	-230.00	0.00480
11.00	-230.00	0.00515	13.00	-230.00	0.00541
15.00	-230.00	0.00560	17.00	-230.00	0.00573

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

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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00585	25.00	-230.00	0.00587
30.00	-230.00	0.00577	40.00	-230.00	0.00536
50.00	-230.00	0.00488	60.00	-230.00	0.00442
70.00	-230.00	0.00401	80.00	-230.00	0.00365
90.00	-230.00	0.00334	100.00	-230.00	0.00307
-100.00	-220.00	0.00053	-90.00	-220.00	0.00059
-80.00	-220.00	0.00066	-70.00	-220.00	0.00074
-60.00	-220.00	0.00083	-50.00	-220.00	0.00095
-40.00	-220.00	0.00109	-30.00	-220.00	0.00127
-25.00	-220.00	0.00138	-20.00	-220.00	0.00151
-17.00	-220.00	0.00161	-15.00	-220.00	0.00169
-13.00	-220.00	0.00178	-11.00	-220.00	0.00190
-9.00	-220.00	0.00205	9.00	-220.00	0.00652
11.00	-220.00	0.00663	13.00	-220.00	0.00671
15.00	-220.00	0.00677	17.00	-220.00	0.00680
20.00	-220.00	0.00678	25.00	-220.00	0.00664
30.00	-220.00	0.00640	40.00	-220.00	0.00581
50.00	-220.00	0.00521	60.00	-220.00	0.00467
70.00	-220.00	0.00421	80.00	-220.00	0.00381
90.00	-220.00	0.00347	100.00	-220.00	0.00317
-100.00	-210.00	0.00057	-90.00	-210.00	0.00063
-80.00	-210.00	0.00071	-70.00	-210.00	0.00080
-60.00	-210.00	0.00092	-50.00	-210.00	0.00106
-40.00	-210.00	0.00124	-30.00	-210.00	0.00147
-25.00	-210.00	0.00161	-20.00	-210.00	0.00179
-17.00	-210.00	0.00193	-15.00	-210.00	0.00203

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00215	-11.00	-210.00	0.00230
-9.00	-210.00	0.00248	9.00	-210.00	0.00678
11.00	-210.00	0.00688	13.00	-210.00	0.00698
15.00	-210.00	0.00704	17.00	-210.00	0.00707
20.00	-210.00	0.00706	25.00	-210.00	0.00691
30.00	-210.00	0.00666	40.00	-210.00	0.00603
50.00	-210.00	0.00540	60.00	-210.00	0.00483
70.00	-210.00	0.00433	80.00	-210.00	0.00391
90.00	-210.00	0.00355	100.00	-210.00	0.00325
-100.00	-200.00	0.00061	-90.00	-200.00	0.00068
-80.00	-200.00	0.00077	-70.00	-200.00	0.00087
-60.00	-200.00	0.00101	-50.00	-200.00	0.00117
-40.00	-200.00	0.00138	-30.00	-200.00	0.00166
-25.00	-200.00	0.00184	-20.00	-200.00	0.00205

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00219	-15.00	-200.00	0.00230
-13.00	-200.00	0.00243	-11.00	-200.00	0.00256
-9.00	-200.00	0.00273	9.00	-200.00	0.00692
11.00	-200.00	0.00702	13.00	-200.00	0.00711
15.00	-200.00	0.00717	17.00	-200.00	0.00720
20.00	-200.00	0.00718	25.00	-200.00	0.00703
30.00	-200.00	0.00678	40.00	-200.00	0.00615
50.00	-200.00	0.00550	60.00	-200.00	0.00492
70.00	-200.00	0.00442	80.00	-200.00	0.00399
90.00	-200.00	0.00362	100.00	-200.00	0.00330
-100.00	-190.00	0.00065	-90.00	-190.00	0.00073
-80.00	-190.00	0.00083	-70.00	-190.00	0.00095
-60.00	-190.00	0.00109	-50.00	-190.00	0.00128
-40.00	-190.00	0.00152	-30.00	-190.00	0.00183
-25.00	-190.00	0.00202	-20.00	-190.00	0.00223
-17.00	-190.00	0.00237	-15.00	-190.00	0.00248
-13.00	-190.00	0.00259	-11.00	-190.00	0.00272
-9.00	-190.00	0.00287	9.00	-190.00	0.00701
11.00	-190.00	0.00711	13.00	-190.00	0.00720
15.00	-190.00	0.00726	17.00	-190.00	0.00729

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00726	25.00	-190.00	0.00710
30.00	-190.00	0.00685	40.00	-190.00	0.00621
50.00	-190.00	0.00556	60.00	-190.00	0.00498
70.00	-190.00	0.00447	80.00	-190.00	0.00403
90.00	-190.00	0.00366	100.00	-190.00	0.00334
-100.00	-180.00	0.00069	-90.00	-180.00	0.00078
-80.00	-180.00	0.00088	-70.00	-180.00	0.00101
-60.00	-180.00	0.00117	-50.00	-180.00	0.00138
-40.00	-180.00	0.00164	-30.00	-180.00	0.00196
-25.00	-180.00	0.00215	-20.00	-180.00	0.00235
-17.00	-180.00	0.00249	-15.00	-180.00	0.00258
-13.00	-180.00	0.00269	-11.00	-180.00	0.00281
-9.00	-180.00	0.00295	9.00	-180.00	0.00707
11.00	-180.00	0.00718	13.00	-180.00	0.00726
15.00	-180.00	0.00732	17.00	-180.00	0.00735
20.00	-180.00	0.00732	25.00	-180.00	0.00716
30.00	-180.00	0.00690	40.00	-180.00	0.00625
50.00	-180.00	0.00560	60.00	-180.00	0.00501
70.00	-180.00	0.00450	80.00	-180.00	0.00407
90.00	-180.00	0.00369	100.00	-180.00	0.00337

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

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

09:52:50

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00073	-90.00	-170.00	0.00082
-80.00	-170.00	0.00093	-70.00	-170.00	0.00107
-60.00	-170.00	0.00125	-50.00	-170.00	0.00147
-40.00	-170.00	0.00173	-30.00	-170.00	0.00205
-25.00	-170.00	0.00223	-20.00	-170.00	0.00243
-17.00	-170.00	0.00256	-15.00	-170.00	0.00265
-13.00	-170.00	0.00275	-11.00	-170.00	0.00287
-9.00	-170.00	0.00302	9.00	-170.00	0.00711
11.00	-170.00	0.00722	13.00	-170.00	0.00731
15.00	-170.00	0.00737	17.00	-170.00	0.00739
20.00	-170.00	0.00737	25.00	-170.00	0.00720
30.00	-170.00	0.00694	40.00	-170.00	0.00628
50.00	-170.00	0.00563	60.00	-170.00	0.00504
70.00	-170.00	0.00453	80.00	-170.00	0.00409

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00371	100.00	-170.00	0.00338
-100.00	-160.00	0.00076	-90.00	-160.00	0.00086
-80.00	-160.00	0.00098	-70.00	-160.00	0.00113
-60.00	-160.00	0.00131	-50.00	-160.00	0.00153
-40.00	-160.00	0.00180	-30.00	-160.00	0.00212
-25.00	-160.00	0.00229	-20.00	-160.00	0.00248
-17.00	-160.00	0.00261	-15.00	-160.00	0.00270
-13.00	-160.00	0.00280	-11.00	-160.00	0.00292
-9.00	-160.00	0.00306	9.00	-160.00	0.00714
11.00	-160.00	0.00725	13.00	-160.00	0.00734
15.00	-160.00	0.00740	17.00	-160.00	0.00743
20.00	-160.00	0.00740	25.00	-160.00	0.00723
30.00	-160.00	0.00697	40.00	-160.00	0.00631
50.00	-160.00	0.00565	60.00	-160.00	0.00506
70.00	-160.00	0.00454	80.00	-160.00	0.00410
90.00	-160.00	0.00372	100.00	-160.00	0.00340
-100.00	-150.00	0.00079	-90.00	-150.00	0.00090
-80.00	-150.00	0.00102	-70.00	-150.00	0.00118
-60.00	-150.00	0.00136	-50.00	-150.00	0.00158
-40.00	-150.00	0.00185	-30.00	-150.00	0.00216
-25.00	-150.00	0.00233	-20.00	-150.00	0.00252
-17.00	-150.00	0.00264	-15.00	-150.00	0.00273
-13.00	-150.00	0.00283	-11.00	-150.00	0.00295
-9.00	-150.00	0.00309	9.00	-150.00	0.00717
11.00	-150.00	0.00728	13.00	-150.00	0.00736
15.00	-150.00	0.00742	17.00	-150.00	0.00745

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

04/20/08

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

09:52:50

\*\*MODELOPTS:

PAGE 127

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00742	25.00	-150.00	0.00726
30.00	-150.00	0.00699	40.00	-150.00	0.00633
50.00	-150.00	0.00567	60.00	-150.00	0.00507
70.00	-150.00	0.00455	80.00	-150.00	0.00411
90.00	-150.00	0.00373	100.00	-150.00	0.00340
-100.00	-140.00	0.00082	-90.00	-140.00	0.00093
-80.00	-140.00	0.00106	-70.00	-140.00	0.00122
-60.00	-140.00	0.00140	-50.00	-140.00	0.00162

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00189	-30.00	-140.00	0.00219
-25.00	-140.00	0.00236	-20.00	-140.00	0.00254
-17.00	-140.00	0.00267	-15.00	-140.00	0.00276
-13.00	-140.00	0.00286	-11.00	-140.00	0.00298
-9.00	-140.00	0.00312	9.00	-140.00	0.00719
11.00	-140.00	0.00730	13.00	-140.00	0.00738
15.00	-140.00	0.00743	17.00	-140.00	0.00746
20.00	-140.00	0.00744	25.00	-140.00	0.00727
30.00	-140.00	0.00701	40.00	-140.00	0.00634
50.00	-140.00	0.00568	60.00	-140.00	0.00508
70.00	-140.00	0.00456	80.00	-140.00	0.00412
90.00	-140.00	0.00373	100.00	-140.00	0.00341
-100.00	-130.00	0.00085	-90.00	-130.00	0.00096
-80.00	-130.00	0.00109	-70.00	-130.00	0.00125
-60.00	-130.00	0.00143	-50.00	-130.00	0.00166
-40.00	-130.00	0.00192	-30.00	-130.00	0.00221
-25.00	-130.00	0.00238	-20.00	-130.00	0.00256
-17.00	-130.00	0.00269	-15.00	-130.00	0.00278
-13.00	-130.00	0.00288	-11.00	-130.00	0.00299
-9.00	-130.00	0.00313	9.00	-130.00	0.00720
11.00	-130.00	0.00730	13.00	-130.00	0.00739
15.00	-130.00	0.00745	17.00	-130.00	0.00747
20.00	-130.00	0.00745	25.00	-130.00	0.00729
30.00	-130.00	0.00701	40.00	-130.00	0.00636
50.00	-130.00	0.00569	60.00	-130.00	0.00509
70.00	-130.00	0.00456	80.00	-130.00	0.00412
90.00	-130.00	0.00374	100.00	-130.00	0.00341
-100.00	-120.00	0.00088	-90.00	-120.00	0.00099
-80.00	-120.00	0.00112	-70.00	-120.00	0.00127
-60.00	-120.00	0.00146	-50.00	-120.00	0.00168
-40.00	-120.00	0.00194	-30.00	-120.00	0.00223
-25.00	-120.00	0.00239	-20.00	-120.00	0.00258

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00270	-15.00	-120.00	0.00279
-13.00	-120.00	0.00289	-11.00	-120.00	0.00300

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00314	9.00	-120.00	0.00720
11.00	-120.00	0.00731	13.00	-120.00	0.00740
15.00	-120.00	0.00745	17.00	-120.00	0.00748
20.00	-120.00	0.00746	25.00	-120.00	0.00729
30.00	-120.00	0.00702	40.00	-120.00	0.00636
50.00	-120.00	0.00570	60.00	-120.00	0.00509
70.00	-120.00	0.00457	80.00	-120.00	0.00412
90.00	-120.00	0.00373	100.00	-120.00	0.00340
-100.00	-110.00	0.00090	-90.00	-110.00	0.00101
-80.00	-110.00	0.00114	-70.00	-110.00	0.00130
-60.00	-110.00	0.00148	-50.00	-110.00	0.00170
-40.00	-110.00	0.00195	-30.00	-110.00	0.00224
-25.00	-110.00	0.00241	-20.00	-110.00	0.00259
-17.00	-110.00	0.00271	-15.00	-110.00	0.00280
-13.00	-110.00	0.00290	-11.00	-110.00	0.00301
-9.00	-110.00	0.00315	9.00	-110.00	0.00720
11.00	-110.00	0.00731	13.00	-110.00	0.00740
15.00	-110.00	0.00746	17.00	-110.00	0.00749
20.00	-110.00	0.00746	25.00	-110.00	0.00730
30.00	-110.00	0.00703	40.00	-110.00	0.00637
50.00	-110.00	0.00570	60.00	-110.00	0.00510
70.00	-110.00	0.00457	80.00	-110.00	0.00412
90.00	-110.00	0.00373	100.00	-110.00	0.00340
-100.00	-100.00	0.00091	-90.00	-100.00	0.00103
-80.00	-100.00	0.00116	-70.00	-100.00	0.00131
-60.00	-100.00	0.00150	-50.00	-100.00	0.00171
-40.00	-100.00	0.00196	-30.00	-100.00	0.00225
-25.00	-100.00	0.00242	-20.00	-100.00	0.00260
-17.00	-100.00	0.00272	-15.00	-100.00	0.00281
-13.00	-100.00	0.00290	-11.00	-100.00	0.00302
-9.00	-100.00	0.00315	9.00	-100.00	0.00721
11.00	-100.00	0.00731	13.00	-100.00	0.00740
15.00	-100.00	0.00746	17.00	-100.00	0.00749
20.00	-100.00	0.00746	25.00	-100.00	0.00730
30.00	-100.00	0.00703	40.00	-100.00	0.00637
50.00	-100.00	0.00570	60.00	-100.00	0.00510
70.00	-100.00	0.00457	80.00	-100.00	0.00412
90.00	-100.00	0.00373	100.00	-100.00	0.00340

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

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

09:52:50  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00093	-90.00	-90.00	0.00104
-80.00	-90.00	0.00117	-70.00	-90.00	0.00133
-60.00	-90.00	0.00151	-50.00	-90.00	0.00172
-40.00	-90.00	0.00197	-30.00	-90.00	0.00226
-25.00	-90.00	0.00242	-20.00	-90.00	0.00260
-17.00	-90.00	0.00272	-15.00	-90.00	0.00281
-13.00	-90.00	0.00291	-11.00	-90.00	0.00302
-9.00	-90.00	0.00316	9.00	-90.00	0.00721
11.00	-90.00	0.00731	13.00	-90.00	0.00740
15.00	-90.00	0.00746	17.00	-90.00	0.00748
20.00	-90.00	0.00746	25.00	-90.00	0.00730
30.00	-90.00	0.00703	40.00	-90.00	0.00637
50.00	-90.00	0.00570	60.00	-90.00	0.00509
70.00	-90.00	0.00457	80.00	-90.00	0.00411
90.00	-90.00	0.00372	100.00	-90.00	0.00339
-100.00	-80.00	0.00094	-90.00	-80.00	0.00105
-80.00	-80.00	0.00118	-70.00	-80.00	0.00134
-60.00	-80.00	0.00152	-50.00	-80.00	0.00173
-40.00	-80.00	0.00197	-30.00	-80.00	0.00226
-25.00	-80.00	0.00242	-20.00	-80.00	0.00260
-17.00	-80.00	0.00272	-15.00	-80.00	0.00281
-13.00	-80.00	0.00291	-11.00	-80.00	0.00302
-9.00	-80.00	0.00316	9.00	-80.00	0.00721
11.00	-80.00	0.00731	13.00	-80.00	0.00740
15.00	-80.00	0.00746	17.00	-80.00	0.00749
20.00	-80.00	0.00746	25.00	-80.00	0.00730
30.00	-80.00	0.00703	40.00	-80.00	0.00637
50.00	-80.00	0.00570	60.00	-80.00	0.00509
70.00	-80.00	0.00456	80.00	-80.00	0.00411
90.00	-80.00	0.00372	100.00	-80.00	0.00338
-100.00	-70.00	0.00095	-90.00	-70.00	0.00106
-80.00	-70.00	0.00119	-70.00	-70.00	0.00135
-60.00	-70.00	0.00152	-50.00	-70.00	0.00173
-40.00	-70.00	0.00198	-30.00	-70.00	0.00226
-25.00	-70.00	0.00243	-20.00	-70.00	0.00261
-17.00	-70.00	0.00273	-15.00	-70.00	0.00281
-13.00	-70.00	0.00291	-11.00	-70.00	0.00302
-9.00	-70.00	0.00316	9.00	-70.00	0.00721
11.00	-70.00	0.00731	13.00	-70.00	0.00740
15.00	-70.00	0.00746	17.00	-70.00	0.00748

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00746	25.00	-70.00	0.00729
30.00	-70.00	0.00703	40.00	-70.00	0.00636
50.00	-70.00	0.00569	60.00	-70.00	0.00508
70.00	-70.00	0.00456	80.00	-70.00	0.00410
90.00	-70.00	0.00371	100.00	-70.00	0.00337
-100.00	-60.00	0.00096	-90.00	-60.00	0.00107
-80.00	-60.00	0.00120	-70.00	-60.00	0.00135
-60.00	-60.00	0.00153	-50.00	-60.00	0.00173
-40.00	-60.00	0.00198	-30.00	-60.00	0.00226
-25.00	-60.00	0.00243	-20.00	-60.00	0.00261
-17.00	-60.00	0.00273	-15.00	-60.00	0.00281
-13.00	-60.00	0.00291	-11.00	-60.00	0.00302
-9.00	-60.00	0.00315	9.00	-60.00	0.00721
11.00	-60.00	0.00731	13.00	-60.00	0.00739
15.00	-60.00	0.00745	17.00	-60.00	0.00748
20.00	-60.00	0.00745	25.00	-60.00	0.00729
30.00	-60.00	0.00702	40.00	-60.00	0.00636
50.00	-60.00	0.00569	60.00	-60.00	0.00508
70.00	-60.00	0.00455	80.00	-60.00	0.00409
90.00	-60.00	0.00370	100.00	-60.00	0.00336
-100.00	-50.00	0.00096	-90.00	-50.00	0.00107
-80.00	-50.00	0.00120	-70.00	-50.00	0.00135
-60.00	-50.00	0.00153	-50.00	-50.00	0.00173
-40.00	-50.00	0.00198	-30.00	-50.00	0.00226
-25.00	-50.00	0.00242	-20.00	-50.00	0.00260
-17.00	-50.00	0.00272	-15.00	-50.00	0.00281
-13.00	-50.00	0.00291	-11.00	-50.00	0.00302
-9.00	-50.00	0.00316	9.00	-50.00	0.00721
11.00	-50.00	0.00731	13.00	-50.00	0.00739
15.00	-50.00	0.00744	17.00	-50.00	0.00747
20.00	-50.00	0.00745	25.00	-50.00	0.00728
30.00	-50.00	0.00701	40.00	-50.00	0.00635
50.00	-50.00	0.00568	60.00	-50.00	0.00507
70.00	-50.00	0.00454	80.00	-50.00	0.00408

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00369	100.00	-50.00	0.00335
-100.00	-40.00	0.00097	-90.00	-40.00	0.00108
-80.00	-40.00	0.00121	-70.00	-40.00	0.00136
-60.00	-40.00	0.00153	-50.00	-40.00	0.00173
-40.00	-40.00	0.00198	-30.00	-40.00	0.00226
-25.00	-40.00	0.00242	-20.00	-40.00	0.00260

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

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

09:52:50

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00272	-15.00	-40.00	0.00280
-13.00	-40.00	0.00290	-11.00	-40.00	0.00302
-9.00	-40.00	0.00315	9.00	-40.00	0.00719
11.00	-40.00	0.00730	13.00	-40.00	0.00738
15.00	-40.00	0.00744	17.00	-40.00	0.00747
20.00	-40.00	0.00744	25.00	-40.00	0.00727
30.00	-40.00	0.00700	40.00	-40.00	0.00634
50.00	-40.00	0.00567	60.00	-40.00	0.00506
70.00	-40.00	0.00453	80.00	-40.00	0.00407
90.00	-40.00	0.00367	100.00	-40.00	0.00333
-100.00	-30.00	0.00097	-90.00	-30.00	0.00108
-80.00	-30.00	0.00121	-70.00	-30.00	0.00136
-60.00	-30.00	0.00153	-50.00	-30.00	0.00173
-40.00	-30.00	0.00197	-30.00	-30.00	0.00226
-25.00	-30.00	0.00242	-20.00	-30.00	0.00259
-17.00	-30.00	0.00271	-15.00	-30.00	0.00280
-13.00	-30.00	0.00290	-11.00	-30.00	0.00301
-9.00	-30.00	0.00314	9.00	-30.00	0.00718
11.00	-30.00	0.00728	13.00	-30.00	0.00737
15.00	-30.00	0.00743	17.00	-30.00	0.00746
20.00	-30.00	0.00743	25.00	-30.00	0.00726
30.00	-30.00	0.00699	40.00	-30.00	0.00633
50.00	-30.00	0.00566	60.00	-30.00	0.00504
70.00	-30.00	0.00451	80.00	-30.00	0.00405
90.00	-30.00	0.00366	100.00	-30.00	0.00331
-100.00	-20.00	0.00097	-90.00	-20.00	0.00108
-80.00	-20.00	0.00121	-70.00	-20.00	0.00135
-60.00	-20.00	0.00153	-50.00	-20.00	0.00173

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00197	-30.00	-20.00	0.00225
-25.00	-20.00	0.00241	-20.00	-20.00	0.00259
-17.00	-20.00	0.00271	-15.00	-20.00	0.00279
-13.00	-20.00	0.00289	-11.00	-20.00	0.00300
-9.00	-20.00	0.00313	9.00	-20.00	0.00717
11.00	-20.00	0.00727	13.00	-20.00	0.00736
15.00	-20.00	0.00742	17.00	-20.00	0.00745
20.00	-20.00	0.00742	25.00	-20.00	0.00725
30.00	-20.00	0.00698	40.00	-20.00	0.00632
50.00	-20.00	0.00564	60.00	-20.00	0.00503
70.00	-20.00	0.00449	80.00	-20.00	0.00403
90.00	-20.00	0.00364	100.00	-20.00	0.00329

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00097	-90.00	-10.00	0.00108
-80.00	-10.00	0.00121	-70.00	-10.00	0.00135
-60.00	-10.00	0.00152	-50.00	-10.00	0.00173
-40.00	-10.00	0.00197	-30.00	-10.00	0.00225
-25.00	-10.00	0.00241	-20.00	-10.00	0.00258
-17.00	-10.00	0.00270	-15.00	-10.00	0.00278
-13.00	-10.00	0.00288	-11.00	-10.00	0.00299
-9.00	-10.00	0.00312	9.00	-10.00	0.00716
11.00	-10.00	0.00726	13.00	-10.00	0.00735
15.00	-10.00	0.00741	17.00	-10.00	0.00743
20.00	-10.00	0.00741	25.00	-10.00	0.00724
30.00	-10.00	0.00697	40.00	-10.00	0.00630
50.00	-10.00	0.00563	60.00	-10.00	0.00501
70.00	-10.00	0.00448	80.00	-10.00	0.00401
90.00	-10.00	0.00361	100.00	-10.00	0.00327
-100.00	0.00	0.00097	-90.00	0.00	0.00108
-80.00	0.00	0.00120	-70.00	0.00	0.00135
-60.00	0.00	0.00152	-50.00	0.00	0.00172
-40.00	0.00	0.00196	-30.00	0.00	0.00224
-25.00	0.00	0.00240	-20.00	0.00	0.00257
-17.00	0.00	0.00269	-15.00	0.00	0.00277
-13.00	0.00	0.00287	-11.00	0.00	0.00298

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00311	9.00	0.00	0.00714
11.00	0.00	0.00725	13.00	0.00	0.00733
15.00	0.00	0.00739	17.00	0.00	0.00741
20.00	0.00	0.00739	25.00	0.00	0.00722
30.00	0.00	0.00695	40.00	0.00	0.00629
50.00	0.00	0.00561	60.00	0.00	0.00499
70.00	0.00	0.00445	80.00	0.00	0.00399
90.00	0.00	0.00359	100.00	0.00	0.00325
-100.00	10.00	0.00097	-90.00	10.00	0.00107
-80.00	10.00	0.00120	-70.00	10.00	0.00134
-60.00	10.00	0.00152	-50.00	10.00	0.00172
-40.00	10.00	0.00195	-30.00	10.00	0.00223
-25.00	10.00	0.00239	-20.00	10.00	0.00256
-17.00	10.00	0.00268	-15.00	10.00	0.00276
-13.00	10.00	0.00286	-11.00	10.00	0.00297
-9.00	10.00	0.00310	9.00	10.00	0.00713
11.00	10.00	0.00723	13.00	10.00	0.00732
15.00	10.00	0.00738	17.00	10.00	0.00740

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

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

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 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00738	25.00	10.00	0.00721
30.00	10.00	0.00694	40.00	10.00	0.00627
50.00	10.00	0.00559	60.00	10.00	0.00497
70.00	10.00	0.00443	80.00	10.00	0.00396
90.00	10.00	0.00356	100.00	10.00	0.00322
-100.00	20.00	0.00096	-90.00	20.00	0.00107
-80.00	20.00	0.00119	-70.00	20.00	0.00134
-60.00	20.00	0.00151	-50.00	20.00	0.00171
-40.00	20.00	0.00195	-30.00	20.00	0.00222
-25.00	20.00	0.00238	-20.00	20.00	0.00255
-17.00	20.00	0.00266	-15.00	20.00	0.00275
-13.00	20.00	0.00284	-11.00	20.00	0.00295
-9.00	20.00	0.00308	9.00	20.00	0.00711
11.00	20.00	0.00721	13.00	20.00	0.00730
15.00	20.00	0.00736	17.00	20.00	0.00739
20.00	20.00	0.00736	25.00	20.00	0.00719

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00692	40.00	20.00	0.00624
50.00	20.00	0.00556	60.00	20.00	0.00494
70.00	20.00	0.00440	80.00	20.00	0.00393
90.00	20.00	0.00353	100.00	20.00	0.00319
-100.00	30.00	0.00096	-90.00	30.00	0.00106
-80.00	30.00	0.00119	-70.00	30.00	0.00133
-60.00	30.00	0.00150	-50.00	30.00	0.00170
-40.00	30.00	0.00194	-30.00	30.00	0.00221
-25.00	30.00	0.00237	-20.00	30.00	0.00254
-17.00	30.00	0.00265	-15.00	30.00	0.00274
-13.00	30.00	0.00283	-11.00	30.00	0.00294
-9.00	30.00	0.00307	9.00	30.00	0.00710
11.00	30.00	0.00720	13.00	30.00	0.00728
15.00	30.00	0.00734	17.00	30.00	0.00736
20.00	30.00	0.00734	25.00	30.00	0.00717
30.00	30.00	0.00689	40.00	30.00	0.00622
50.00	30.00	0.00554	60.00	30.00	0.00491
70.00	30.00	0.00437	80.00	30.00	0.00390
90.00	30.00	0.00350	100.00	30.00	0.00315
-100.00	40.00	0.00095	-90.00	40.00	0.00106
-80.00	40.00	0.00118	-70.00	40.00	0.00132
-60.00	40.00	0.00149	-50.00	40.00	0.00169
-40.00	40.00	0.00193	-30.00	40.00	0.00220
-25.00	40.00	0.00235	-20.00	40.00	0.00252

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00264	-15.00	40.00	0.00272
-13.00	40.00	0.00281	-11.00	40.00	0.00293
-9.00	40.00	0.00306	9.00	40.00	0.00708
11.00	40.00	0.00718	13.00	40.00	0.00726
15.00	40.00	0.00732	17.00	40.00	0.00734
20.00	40.00	0.00732	25.00	40.00	0.00714
30.00	40.00	0.00687	40.00	40.00	0.00619
50.00	40.00	0.00550	60.00	40.00	0.00488
70.00	40.00	0.00433	80.00	40.00	0.00386
90.00	40.00	0.00346	100.00	40.00	0.00311

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00094	-90.00	50.00	0.00105
-80.00	50.00	0.00117	-70.00	50.00	0.00132
-60.00	50.00	0.00148	-50.00	50.00	0.00168
-40.00	50.00	0.00191	-30.00	50.00	0.00218
-25.00	50.00	0.00234	-20.00	50.00	0.00251
-17.00	50.00	0.00262	-15.00	50.00	0.00270
-13.00	50.00	0.00279	-11.00	50.00	0.00291
-9.00	50.00	0.00304	9.00	50.00	0.00705
11.00	50.00	0.00716	13.00	50.00	0.00724
15.00	50.00	0.00729	17.00	50.00	0.00732
20.00	50.00	0.00729	25.00	50.00	0.00712
30.00	50.00	0.00684	40.00	50.00	0.00616
50.00	50.00	0.00547	60.00	50.00	0.00484
70.00	50.00	0.00429	80.00	50.00	0.00382
90.00	50.00	0.00341	100.00	50.00	0.00306
-100.00	60.00	0.00094	-90.00	60.00	0.00104
-80.00	60.00	0.00116	-70.00	60.00	0.00130
-60.00	60.00	0.00147	-50.00	60.00	0.00167
-40.00	60.00	0.00190	-30.00	60.00	0.00217
-25.00	60.00	0.00232	-20.00	60.00	0.00249
-17.00	60.00	0.00260	-15.00	60.00	0.00268
-13.00	60.00	0.00277	-11.00	60.00	0.00288
-9.00	60.00	0.00301	9.00	60.00	0.00702
11.00	60.00	0.00712	13.00	60.00	0.00721
15.00	60.00	0.00726	17.00	60.00	0.00729
20.00	60.00	0.00726	25.00	60.00	0.00708
30.00	60.00	0.00680	40.00	60.00	0.00612
50.00	60.00	0.00543	60.00	60.00	0.00480
70.00	60.00	0.00425	80.00	60.00	0.00377
90.00	60.00	0.00336	100.00	60.00	0.00301

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

09:52:50  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

		** CONC OF OTHER      IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00093	-90.00	70.00	0.00103
-80.00	70.00	0.00115	-70.00	70.00	0.00129
-60.00	70.00	0.00146	-50.00	70.00	0.00166
-40.00	70.00	0.00189	-30.00	70.00	0.00215

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00230	-20.00	70.00	0.00247
-17.00	70.00	0.00258	-15.00	70.00	0.00266
-13.00	70.00	0.00275	-11.00	70.00	0.00285
-9.00	70.00	0.00299	9.00	70.00	0.00699
11.00	70.00	0.00709	13.00	70.00	0.00718
15.00	70.00	0.00723	17.00	70.00	0.00726
20.00	70.00	0.00722	25.00	70.00	0.00705
30.00	70.00	0.00677	40.00	70.00	0.00608
50.00	70.00	0.00538	60.00	70.00	0.00475
70.00	70.00	0.00419	80.00	70.00	0.00372
90.00	70.00	0.00330	100.00	70.00	0.00295
-100.00	80.00	0.00092	-90.00	80.00	0.00102
-80.00	80.00	0.00114	-70.00	80.00	0.00128
-60.00	80.00	0.00145	-50.00	80.00	0.00164
-40.00	80.00	0.00187	-30.00	80.00	0.00213
-25.00	80.00	0.00228	-20.00	80.00	0.00244
-17.00	80.00	0.00255	-15.00	80.00	0.00263
-13.00	80.00	0.00272	-11.00	80.00	0.00283
-9.00	80.00	0.00296	9.00	80.00	0.00696
11.00	80.00	0.00706	13.00	80.00	0.00714
15.00	80.00	0.00720	17.00	80.00	0.00721
20.00	80.00	0.00718	25.00	80.00	0.00701
30.00	80.00	0.00672	40.00	80.00	0.00603
50.00	80.00	0.00533	60.00	80.00	0.00469
70.00	80.00	0.00413	80.00	80.00	0.00365
90.00	80.00	0.00324	100.00	80.00	0.00288
-100.00	90.00	0.00090	-90.00	90.00	0.00100
-80.00	90.00	0.00112	-70.00	90.00	0.00126
-60.00	90.00	0.00143	-50.00	90.00	0.00163
-40.00	90.00	0.00185	-30.00	90.00	0.00211
-25.00	90.00	0.00226	-20.00	90.00	0.00242
-17.00	90.00	0.00252	-15.00	90.00	0.00260
-13.00	90.00	0.00269	-11.00	90.00	0.00280
-9.00	90.00	0.00293	9.00	90.00	0.00692
11.00	90.00	0.00702	13.00	90.00	0.00710
15.00	90.00	0.00715	17.00	90.00	0.00717

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

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

09:52:50

\*\*MODELOPTs:  
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

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



01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00714	25.00	90.00	0.00696
30.00	90.00	0.00667	40.00	90.00	0.00597
50.00	90.00	0.00526	60.00	90.00	0.00462
70.00	90.00	0.00406	80.00	90.00	0.00358
90.00	90.00	0.00316	100.00	90.00	0.00280
-100.00	100.00	0.00089	-90.00	100.00	0.00099
-80.00	100.00	0.00111	-70.00	100.00	0.00125
-60.00	100.00	0.00141	-50.00	100.00	0.00161
-40.00	100.00	0.00183	-30.00	100.00	0.00209
-25.00	100.00	0.00223	-20.00	100.00	0.00239
-17.00	100.00	0.00249	-15.00	100.00	0.00257
-13.00	100.00	0.00266	-11.00	100.00	0.00276
-9.00	100.00	0.00289	9.00	100.00	0.00687
11.00	100.00	0.00697	13.00	100.00	0.00705
15.00	100.00	0.00710	17.00	100.00	0.00712
20.00	100.00	0.00709	25.00	100.00	0.00690
30.00	100.00	0.00661	40.00	100.00	0.00591
50.00	100.00	0.00519	60.00	100.00	0.00454
70.00	100.00	0.00398	80.00	100.00	0.00349
90.00	100.00	0.00307	100.00	100.00	0.00271
-100.00	110.00	0.00088	-90.00	110.00	0.00097
-80.00	110.00	0.00109	-70.00	110.00	0.00123
-60.00	110.00	0.00139	-50.00	110.00	0.00158
-40.00	110.00	0.00181	-30.00	110.00	0.00206
-25.00	110.00	0.00220	-20.00	110.00	0.00236
-17.00	110.00	0.00246	-15.00	110.00	0.00254
-13.00	110.00	0.00262	-11.00	110.00	0.00272
-9.00	110.00	0.00285	9.00	110.00	0.00682
11.00	110.00	0.00691	13.00	110.00	0.00700
15.00	110.00	0.00705	17.00	110.00	0.00707
20.00	110.00	0.00703	25.00	110.00	0.00684
30.00	110.00	0.00654	40.00	110.00	0.00582
50.00	110.00	0.00510	60.00	110.00	0.00445
70.00	110.00	0.00388	80.00	110.00	0.00339
90.00	110.00	0.00297	100.00	110.00	0.00260
-100.00	120.00	0.00086	-90.00	120.00	0.00096
-80.00	120.00	0.00107	-70.00	120.00	0.00120
-60.00	120.00	0.00137	-50.00	120.00	0.00156
-40.00	120.00	0.00178	-30.00	120.00	0.00203
-25.00	120.00	0.00217	-20.00	120.00	0.00232

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00242	-15.00	120.00	0.00250
-13.00	120.00	0.00258	-11.00	120.00	0.00268
-9.00	120.00	0.00280	9.00	120.00	0.00676
11.00	120.00	0.00686	13.00	120.00	0.00693
15.00	120.00	0.00698	17.00	120.00	0.00699
20.00	120.00	0.00695	25.00	120.00	0.00676
30.00	120.00	0.00646	40.00	120.00	0.00573
50.00	120.00	0.00499	60.00	120.00	0.00433
70.00	120.00	0.00376	80.00	120.00	0.00326
90.00	120.00	0.00284	100.00	120.00	0.00248
-100.00	130.00	0.00084	-90.00	130.00	0.00093
-80.00	130.00	0.00105	-70.00	130.00	0.00118
-60.00	130.00	0.00134	-50.00	130.00	0.00153
-40.00	130.00	0.00175	-30.00	130.00	0.00200
-25.00	130.00	0.00213	-20.00	130.00	0.00228
-17.00	130.00	0.00238	-15.00	130.00	0.00245
-13.00	130.00	0.00253	-11.00	130.00	0.00263
-9.00	130.00	0.00276	9.00	130.00	0.00669
11.00	130.00	0.00678	13.00	130.00	0.00685
15.00	130.00	0.00689	17.00	130.00	0.00691
20.00	130.00	0.00687	25.00	130.00	0.00666
30.00	130.00	0.00635	40.00	130.00	0.00561
50.00	130.00	0.00486	60.00	130.00	0.00420
70.00	130.00	0.00361	80.00	130.00	0.00312
90.00	130.00	0.00269	100.00	130.00	0.00233
-100.00	140.00	0.00082	-90.00	140.00	0.00091
-80.00	140.00	0.00102	-70.00	140.00	0.00115
-60.00	140.00	0.00131	-50.00	140.00	0.00149
-40.00	140.00	0.00171	-30.00	140.00	0.00196
-25.00	140.00	0.00209	-20.00	140.00	0.00223
-17.00	140.00	0.00233	-15.00	140.00	0.00240
-13.00	140.00	0.00248	-11.00	140.00	0.00257
-9.00	140.00	0.00269	9.00	140.00	0.00660
11.00	140.00	0.00669	13.00	140.00	0.00676
15.00	140.00	0.00680	17.00	140.00	0.00681
20.00	140.00	0.00676	25.00	140.00	0.00654

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00622	40.00	140.00	0.00546
50.00	140.00	0.00471	60.00	140.00	0.00403
70.00	140.00	0.00344	80.00	140.00	0.00294
90.00	140.00	0.00251	100.00	140.00	0.00215

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00080	-90.00	150.00	0.00089
-80.00	150.00	0.00099	-70.00	150.00	0.00112
-60.00	150.00	0.00127	-50.00	150.00	0.00145
-40.00	150.00	0.00167	-30.00	150.00	0.00191
-25.00	150.00	0.00204	-20.00	150.00	0.00218
-17.00	150.00	0.00227	-15.00	150.00	0.00234
-13.00	150.00	0.00241	-11.00	150.00	0.00250
-9.00	150.00	0.00262	9.00	150.00	0.00649
11.00	150.00	0.00657	13.00	150.00	0.00664
15.00	150.00	0.00668	17.00	150.00	0.00668
20.00	150.00	0.00662	25.00	150.00	0.00639
30.00	150.00	0.00605	40.00	150.00	0.00528
50.00	150.00	0.00451	60.00	150.00	0.00381
70.00	150.00	0.00322	80.00	150.00	0.00272
90.00	150.00	0.00230	100.00	150.00	0.00195
-100.00	160.00	0.00077	-90.00	160.00	0.00086
-80.00	160.00	0.00096	-70.00	160.00	0.00109
-60.00	160.00	0.00123	-50.00	160.00	0.00141
-40.00	160.00	0.00162	-30.00	160.00	0.00186
-25.00	160.00	0.00199	-20.00	160.00	0.00212
-17.00	160.00	0.00221	-15.00	160.00	0.00227
-13.00	160.00	0.00234	-11.00	160.00	0.00243
-9.00	160.00	0.00254	9.00	160.00	0.00635
11.00	160.00	0.00643	13.00	160.00	0.00649
15.00	160.00	0.00652	17.00	160.00	0.00652
20.00	160.00	0.00644	25.00	160.00	0.00619
30.00	160.00	0.00584	40.00	160.00	0.00504
50.00	160.00	0.00425	60.00	160.00	0.00354
70.00	160.00	0.00294	80.00	160.00	0.00245
90.00	160.00	0.00205	100.00	160.00	0.00173

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00075	-90.00	170.00	0.00083
-80.00	170.00	0.00093	-70.00	170.00	0.00105
-60.00	170.00	0.00119	-50.00	170.00	0.00136
-40.00	170.00	0.00156	-30.00	170.00	0.00179
-25.00	170.00	0.00192	-20.00	170.00	0.00205
-17.00	170.00	0.00213	-15.00	170.00	0.00219
-13.00	170.00	0.00226	-11.00	170.00	0.00234
-9.00	170.00	0.00244	9.00	170.00	0.00618
11.00	170.00	0.00625	13.00	170.00	0.00630
15.00	170.00	0.00632	17.00	170.00	0.00630

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

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 139  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00621	25.00	170.00	0.00594
30.00	170.00	0.00557	40.00	170.00	0.00472
50.00	170.00	0.00391	60.00	170.00	0.00319
70.00	170.00	0.00261	80.00	170.00	0.00214
90.00	170.00	0.00178	100.00	170.00	0.00150
-100.00	180.00	0.00073	-90.00	180.00	0.00081
-80.00	180.00	0.00090	-70.00	180.00	0.00101
-60.00	180.00	0.00114	-50.00	180.00	0.00130
-40.00	180.00	0.00149	-30.00	180.00	0.00172
-25.00	180.00	0.00184	-20.00	180.00	0.00196
-17.00	180.00	0.00204	-15.00	180.00	0.00210
-13.00	180.00	0.00216	-11.00	180.00	0.00223
-9.00	180.00	0.00233	9.00	180.00	0.00596
11.00	180.00	0.00601	13.00	180.00	0.00605
15.00	180.00	0.00604	17.00	180.00	0.00601
20.00	180.00	0.00590	25.00	180.00	0.00559
30.00	180.00	0.00518	40.00	180.00	0.00429
50.00	180.00	0.00345	60.00	180.00	0.00275
70.00	180.00	0.00221	80.00	180.00	0.00181
90.00	180.00	0.00150	100.00	180.00	0.00127
-100.00	190.00	0.00071	-90.00	190.00	0.00079
-80.00	190.00	0.00087	-70.00	190.00	0.00097
-60.00	190.00	0.00109	-50.00	190.00	0.00124
-40.00	190.00	0.00142	-30.00	190.00	0.00163

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00174	-20.00	190.00	0.00186
-17.00	190.00	0.00194	-15.00	190.00	0.00199
-13.00	190.00	0.00205	-11.00	190.00	0.00212
-9.00	190.00	0.00220	9.00	190.00	0.00566
11.00	190.00	0.00569	13.00	190.00	0.00569
15.00	190.00	0.00566	17.00	190.00	0.00560
20.00	190.00	0.00545	25.00	190.00	0.00508
30.00	190.00	0.00462	40.00	190.00	0.00367
50.00	190.00	0.00285	60.00	190.00	0.00223
70.00	190.00	0.00179	80.00	190.00	0.00147
90.00	190.00	0.00123	100.00	190.00	0.00105
-100.00	200.00	0.00069	-90.00	200.00	0.00076
-80.00	200.00	0.00084	-70.00	200.00	0.00094
-60.00	200.00	0.00105	-50.00	200.00	0.00118
-40.00	200.00	0.00134	-30.00	200.00	0.00153
-25.00	200.00	0.00163	-20.00	200.00	0.00174

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00181	-15.00	200.00	0.00187
-13.00	200.00	0.00192	-11.00	200.00	0.00198
-9.00	200.00	0.00205	9.00	200.00	0.00523
11.00	200.00	0.00520	13.00	200.00	0.00515
15.00	200.00	0.00508	17.00	200.00	0.00497
20.00	200.00	0.00474	25.00	200.00	0.00427
30.00	200.00	0.00376	40.00	200.00	0.00283
50.00	200.00	0.00216	60.00	200.00	0.00171
70.00	200.00	0.00139	80.00	200.00	0.00116
90.00	200.00	0.00099	100.00	200.00	0.00086
-100.00	210.00	0.00066	-90.00	210.00	0.00073
-80.00	210.00	0.00080	-70.00	210.00	0.00089
-60.00	210.00	0.00100	-50.00	210.00	0.00112
-40.00	210.00	0.00127	-30.00	210.00	0.00143
-25.00	210.00	0.00151	-20.00	210.00	0.00161
-17.00	210.00	0.00167	-15.00	210.00	0.00171
-13.00	210.00	0.00176	-11.00	210.00	0.00181
-9.00	210.00	0.00188	9.00	210.00	0.00448

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00434	13.00	210.00	0.00418
15.00	210.00	0.00401	17.00	210.00	0.00381
20.00	210.00	0.00349	25.00	210.00	0.00298
30.00	210.00	0.00255	40.00	210.00	0.00193
50.00	210.00	0.00153	60.00	210.00	0.00125
70.00	210.00	0.00105	80.00	210.00	0.00090
90.00	210.00	0.00078	100.00	210.00	0.00069
-100.00	220.00	0.00063	-90.00	220.00	0.00069
-80.00	220.00	0.00076	-70.00	220.00	0.00084
-60.00	220.00	0.00094	-50.00	220.00	0.00105
-40.00	220.00	0.00118	-30.00	220.00	0.00133
-25.00	220.00	0.00140	-20.00	220.00	0.00148
-17.00	220.00	0.00153	-15.00	220.00	0.00155
-13.00	220.00	0.00159	-11.00	220.00	0.00162
-9.00	220.00	0.00166	9.00	220.00	0.00260
11.00	220.00	0.00235	13.00	220.00	0.00218
15.00	220.00	0.00204	17.00	220.00	0.00194
20.00	220.00	0.00180	25.00	220.00	0.00161
30.00	220.00	0.00146	40.00	220.00	0.00121
50.00	220.00	0.00102	60.00	220.00	0.00088
70.00	220.00	0.00077	80.00	220.00	0.00068
90.00	220.00	0.00061	100.00	220.00	0.00055

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

09:52:50  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00060	-90.00	230.00	0.00065
-80.00	230.00	0.00072	-70.00	230.00	0.00079
-60.00	230.00	0.00087	-50.00	230.00	0.00096
-40.00	230.00	0.00107	-30.00	230.00	0.00118
-25.00	230.00	0.00123	-20.00	230.00	0.00128
-17.00	230.00	0.00130	-15.00	230.00	0.00131
-13.00	230.00	0.00132	-11.00	230.00	0.00131
-9.00	230.00	0.00130	9.00	230.00	0.00087
11.00	230.00	0.00087	13.00	230.00	0.00087
15.00	230.00	0.00087	17.00	230.00	0.00087
20.00	230.00	0.00087	25.00	230.00	0.00085
30.00	230.00	0.00082	40.00	230.00	0.00075

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00068	60.00	230.00	0.00062
70.00	230.00	0.00057	80.00	230.00	0.00052
90.00	230.00	0.00048	100.00	230.00	0.00044
-100.00	240.00	0.00056	-90.00	240.00	0.00061
-80.00	240.00	0.00066	-70.00	240.00	0.00072
-60.00	240.00	0.00078	-50.00	240.00	0.00085
-40.00	240.00	0.00092	-30.00	240.00	0.00098
-25.00	240.00	0.00100	-20.00	240.00	0.00100
-17.00	240.00	0.00098	-15.00	240.00	0.00097
-13.00	240.00	0.00094	-11.00	240.00	0.00091
-9.00	240.00	0.00087	9.00	240.00	0.00061
11.00	240.00	0.00061	13.00	240.00	0.00060
15.00	240.00	0.00060	17.00	240.00	0.00059
20.00	240.00	0.00058	25.00	240.00	0.00057
30.00	240.00	0.00055	40.00	240.00	0.00052
50.00	240.00	0.00049	60.00	240.00	0.00046
70.00	240.00	0.00043	80.00	240.00	0.00041
90.00	240.00	0.00038	100.00	240.00	0.00036
-100.00	250.00	0.00052	-90.00	250.00	0.00056
-80.00	250.00	0.00060	-70.00	250.00	0.00064
-60.00	250.00	0.00069	-50.00	250.00	0.00073
-40.00	250.00	0.00077	-30.00	250.00	0.00078
-25.00	250.00	0.00077	-20.00	250.00	0.00074
-17.00	250.00	0.00071	-15.00	250.00	0.00069
-13.00	250.00	0.00066	-11.00	250.00	0.00064
-9.00	250.00	0.00061	9.00	250.00	0.00046
11.00	250.00	0.00046	13.00	250.00	0.00046
15.00	250.00	0.00046	17.00	250.00	0.00046

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00046	25.00	250.00	0.00044
30.00	250.00	0.00043	40.00	250.00	0.00040
50.00	250.00	0.00038	60.00	250.00	0.00036
70.00	250.00	0.00035	80.00	250.00	0.00033
90.00	250.00	0.00031	100.00	250.00	0.00030

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

04/20/08

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, 160.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, 70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -20.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

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

\*\*\*

09:52:50

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -110.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -200.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -200.00, 0.00, 1.20)	DC	NA



		01NCRA_PL91-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00598	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598	AT (	11.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00749	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00749	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00749	AT (	17.00,	-80.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-90.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-60.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-130.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-50.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-40.00,	0.00,	1.20)	DC	NA

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

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

04/20/08

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

09:52:50

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

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

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 9:58:53

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

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

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
RE DISCCART	-70.0	-220.0	1.2
RE DISCCART	-60.0	-220.0	1.2
RE DISCCART	-50.0	-220.0	1.2
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RE DISCCART	50.0	-220.0	1.2
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RE DISCCART	70.0	-220.0	1.2
RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
RE DISCCART	-100.0	-210.0	1.2
RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
RE DISCCART	-60.0	-210.0	1.2
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RE DISCCART -100.0 -200.0 1.2  
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RE DISCCART -70.0 -200.0 1.2  
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RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

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

ME STARTING  
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET92300.ASC"  
 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9901 1992  
 ME UAIRDATA 9901 1992  
 ME STARTEND 1992 01 01 1 1992 12 31 24  
 ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\02NCRA~2.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\02NCRA-2.LST

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

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CONC URBAN FLAT FLGPOL DFAULT

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

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA\_S1 through NCRA\_S5.

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

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CONC URBAN FLAT FLGPOL DFAULT

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

GROUP ID SOURCE IDs

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

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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



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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:58:54  
 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:58:54

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*

(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -40.0, 0.0, 1.2); ( -90.0, -40.0, 0.0, 1.2);

( -80.0, -40.0, 0.0, 1.2); ( -70.0, -40.0, 0.0, 1.2);

( -60.0, -40.0, 0.0, 1.2); ( -50.0, -40.0, 0.0, 1.2);

( -40.0, -40.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);

( -25.0, -40.0, 0.0, 1.2); ( -20.0, -40.0, 0.0, 1.2);

( -17.0, -40.0, 0.0, 1.2); ( -15.0, -40.0, 0.0, 1.2);

( -13.0, -40.0, 0.0, 1.2); ( -11.0, -40.0, 0.0, 1.2);

( -9.0, -40.0, 0.0, 1.2); ( 9.0, -40.0, 0.0, 1.2);

( 11.0, -40.0, 0.0, 1.2); ( 13.0, -40.0, 0.0, 1.2);

( 15.0, -40.0, 0.0, 1.2); ( 17.0, -40.0, 0.0, 1.2);

( 20.0, -40.0, 0.0, 1.2); ( 25.0, -40.0, 0.0, 1.2);

( 30.0, -40.0, 0.0, 1.2); ( 40.0, -40.0, 0.0, 1.2);

( 50.0, -40.0, 0.0, 1.2); ( 60.0, -40.0, 0.0, 1.2);

( 70.0, -40.0, 0.0, 1.2); ( 80.0, -40.0, 0.0, 1.2);

( 90.0, -40.0, 0.0, 1.2); ( 100.0, -40.0, 0.0, 1.2);

( -100.0, -30.0, 0.0, 1.2); ( -90.0, -30.0, 0.0, 1.2);

( -80.0, -30.0, 0.0, 1.2); ( -70.0, -30.0, 0.0, 1.2);

( -60.0, -30.0, 0.0, 1.2); ( -50.0, -30.0, 0.0, 1.2);

( -40.0, -30.0, 0.0, 1.2); ( -30.0, -30.0, 0.0, 1.2);

( -25.0, -30.0, 0.0, 1.2); ( -20.0, -30.0, 0.0, 1.2);

( -17.0, -30.0, 0.0, 1.2); ( -15.0, -30.0, 0.0, 1.2);

( -13.0, -30.0, 0.0, 1.2); ( -11.0, -30.0, 0.0, 1.2);

( -9.0, -30.0, 0.0, 1.2); ( 9.0, -30.0, 0.0, 1.2);

( 11.0, -30.0, 0.0, 1.2); ( 13.0, -30.0, 0.0, 1.2);

( 15.0, -30.0, 0.0, 1.2); ( 17.0, -30.0, 0.0, 1.2);

( 20.0, -30.0, 0.0, 1.2); ( 25.0, -30.0, 0.0, 1.2);

( 30.0, -30.0, 0.0, 1.2); ( 40.0, -30.0, 0.0, 1.2);

( 50.0, -30.0, 0.0, 1.2); ( 60.0, -30.0, 0.0, 1.2);

( 70.0, -30.0, 0.0, 1.2); ( 80.0, -30.0, 0.0, 1.2);

( 90.0, -30.0, 0.0, 1.2); ( 100.0, -30.0, 0.0, 1.2);

( -100.0, -20.0, 0.0, 1.2); ( -90.0, -20.0, 0.0, 1.2);

( -80.0, -20.0, 0.0, 1.2); ( -70.0, -20.0, 0.0, 1.2);

( -60.0, -20.0, 0.0, 1.2); ( -50.0, -20.0, 0.0, 1.2);

( -40.0, -20.0, 0.0, 1.2); ( -30.0, -20.0, 0.0, 1.2);

( -25.0, -20.0, 0.0, 1.2); ( -20.0, -20.0, 0.0, 1.2);





02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00006	25.00	-230.00	0.00006
30.00	-230.00	0.00006	40.00	-230.00	0.00007
50.00	-230.00	0.00007	60.00	-230.00	0.00007
70.00	-230.00	0.00007	80.00	-230.00	0.00008
90.00	-230.00	0.00008	100.00	-230.00	0.00008
-100.00	-220.00	0.00004	-90.00	-220.00	0.00004
-80.00	-220.00	0.00004	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00005
-40.00	-220.00	0.00005	-30.00	-220.00	0.00005
-25.00	-220.00	0.00005	-20.00	-220.00	0.00006
-17.00	-220.00	0.00006	-15.00	-220.00	0.00006

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00006	-11.00	-220.00	0.00006
-9.00	-220.00	0.00006	9.00	-220.00	0.00006
11.00	-220.00	0.00006	13.00	-220.00	0.00006
15.00	-220.00	0.00006	17.00	-220.00	0.00006
20.00	-220.00	0.00006	25.00	-220.00	0.00007
30.00	-220.00	0.00007	40.00	-220.00	0.00007
50.00	-220.00	0.00007	60.00	-220.00	0.00008
70.00	-220.00	0.00008	80.00	-220.00	0.00008
90.00	-220.00	0.00009	100.00	-220.00	0.00009
-100.00	-210.00	0.00004	-90.00	-210.00	0.00004
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005
-60.00	-210.00	0.00005	-50.00	-210.00	0.00005
-40.00	-210.00	0.00005	-30.00	-210.00	0.00006
-25.00	-210.00	0.00006	-20.00	-210.00	0.00006
-17.00	-210.00	0.00006	-15.00	-210.00	0.00006
-13.00	-210.00	0.00006	-11.00	-210.00	0.00006
-9.00	-210.00	0.00006	9.00	-210.00	0.00006
11.00	-210.00	0.00006	13.00	-210.00	0.00007
15.00	-210.00	0.00007	17.00	-210.00	0.00007
20.00	-210.00	0.00007	25.00	-210.00	0.00007
30.00	-210.00	0.00007	40.00	-210.00	0.00007
50.00	-210.00	0.00008	60.00	-210.00	0.00008
70.00	-210.00	0.00008	80.00	-210.00	0.00009
90.00	-210.00	0.00009	100.00	-210.00	0.00009
-100.00	-200.00	0.00004	-90.00	-200.00	0.00005
-80.00	-200.00	0.00005	-70.00	-200.00	0.00005
-60.00	-200.00	0.00005	-50.00	-200.00	0.00005
-40.00	-200.00	0.00006	-30.00	-200.00	0.00006
-25.00	-200.00	0.00006	-20.00	-200.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00006	-15.00	-200.00	0.00006
-13.00	-200.00	0.00006	-11.00	-200.00	0.00006
-9.00	-200.00	0.00006	9.00	-200.00	0.00007
11.00	-200.00	0.00007	13.00	-200.00	0.00007
15.00	-200.00	0.00007	17.00	-200.00	0.00007

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00007	25.00	-200.00	0.00007
30.00	-200.00	0.00007	40.00	-200.00	0.00008
50.00	-200.00	0.00008	60.00	-200.00	0.00008
70.00	-200.00	0.00009	80.00	-200.00	0.00009
90.00	-200.00	0.00010	100.00	-200.00	0.00010
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00005	-70.00	-190.00	0.00005
-60.00	-190.00	0.00005	-50.00	-190.00	0.00006
-40.00	-190.00	0.00006	-30.00	-190.00	0.00006
-25.00	-190.00	0.00006	-20.00	-190.00	0.00006
-17.00	-190.00	0.00006	-15.00	-190.00	0.00006
-13.00	-190.00	0.00007	-11.00	-190.00	0.00007
-9.00	-190.00	0.00007	9.00	-190.00	0.00007
11.00	-190.00	0.00007	13.00	-190.00	0.00007
15.00	-190.00	0.00007	17.00	-190.00	0.00007
20.00	-190.00	0.00007	25.00	-190.00	0.00008
30.00	-190.00	0.00008	40.00	-190.00	0.00008
50.00	-190.00	0.00008	60.00	-190.00	0.00009
70.00	-190.00	0.00009	80.00	-190.00	0.00010
90.00	-190.00	0.00010	100.00	-190.00	0.00011
-100.00	-180.00	0.00005	-90.00	-180.00	0.00005
-80.00	-180.00	0.00005	-70.00	-180.00	0.00005
-60.00	-180.00	0.00006	-50.00	-180.00	0.00006
-40.00	-180.00	0.00006	-30.00	-180.00	0.00006
-25.00	-180.00	0.00006	-20.00	-180.00	0.00007
-17.00	-180.00	0.00007	-15.00	-180.00	0.00007
-13.00	-180.00	0.00007	-11.00	-180.00	0.00007
-9.00	-180.00	0.00007	9.00	-180.00	0.00007
11.00	-180.00	0.00008	13.00	-180.00	0.00008
15.00	-180.00	0.00008	17.00	-180.00	0.00008
20.00	-180.00	0.00008	25.00	-180.00	0.00008
30.00	-180.00	0.00008	40.00	-180.00	0.00009
50.00	-180.00	0.00009	60.00	-180.00	0.00009
70.00	-180.00	0.00010	80.00	-180.00	0.00010
90.00	-180.00	0.00011	100.00	-180.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 09:58:54  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00005	-90.00	-170.00	0.00005
-80.00	-170.00	0.00005	-70.00	-170.00	0.00006
-60.00	-170.00	0.00006	-50.00	-170.00	0.00006
-40.00	-170.00	0.00006	-30.00	-170.00	0.00007
-25.00	-170.00	0.00007	-20.00	-170.00	0.00007
-17.00	-170.00	0.00007	-15.00	-170.00	0.00007
-13.00	-170.00	0.00007	-11.00	-170.00	0.00007
-9.00	-170.00	0.00007	9.00	-170.00	0.00008
11.00	-170.00	0.00008	13.00	-170.00	0.00008
15.00	-170.00	0.00008	17.00	-170.00	0.00008
20.00	-170.00	0.00008	25.00	-170.00	0.00008
30.00	-170.00	0.00009	40.00	-170.00	0.00009
50.00	-170.00	0.00009	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00011
90.00	-170.00	0.00012	100.00	-170.00	0.00012
-100.00	-160.00	0.00005	-90.00	-160.00	0.00005
-80.00	-160.00	0.00006	-70.00	-160.00	0.00006
-60.00	-160.00	0.00006	-50.00	-160.00	0.00006
-40.00	-160.00	0.00007	-30.00	-160.00	0.00007
-25.00	-160.00	0.00007	-20.00	-160.00	0.00007
-17.00	-160.00	0.00007	-15.00	-160.00	0.00007
-13.00	-160.00	0.00008	-11.00	-160.00	0.00008
-9.00	-160.00	0.00008	9.00	-160.00	0.00008
11.00	-160.00	0.00008	13.00	-160.00	0.00008
15.00	-160.00	0.00009	17.00	-160.00	0.00009
20.00	-160.00	0.00009	25.00	-160.00	0.00009
30.00	-160.00	0.00009	40.00	-160.00	0.00010
50.00	-160.00	0.00010	60.00	-160.00	0.00011
70.00	-160.00	0.00011	80.00	-160.00	0.00012
90.00	-160.00	0.00012	100.00	-160.00	0.00013
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00006
-60.00	-150.00	0.00006	-50.00	-150.00	0.00007
-40.00	-150.00	0.00007	-30.00	-150.00	0.00007
-25.00	-150.00	0.00007	-20.00	-150.00	0.00008
-17.00	-150.00	0.00008	-15.00	-150.00	0.00008
-13.00	-150.00	0.00008	-11.00	-150.00	0.00008
-9.00	-150.00	0.00008	9.00	-150.00	0.00009
11.00	-150.00	0.00009	13.00	-150.00	0.00009
15.00	-150.00	0.00009	17.00	-150.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00009	25.00	-150.00	0.00009
30.00	-150.00	0.00010	40.00	-150.00	0.00010
50.00	-150.00	0.00011	60.00	-150.00	0.00011
70.00	-150.00	0.00012	80.00	-150.00	0.00013
90.00	-150.00	0.00013	100.00	-150.00	0.00014
-100.00	-140.00	0.00006	-90.00	-140.00	0.00006
-80.00	-140.00	0.00006	-70.00	-140.00	0.00006
-60.00	-140.00	0.00007	-50.00	-140.00	0.00007
-40.00	-140.00	0.00007	-30.00	-140.00	0.00008
-25.00	-140.00	0.00008	-20.00	-140.00	0.00008
-17.00	-140.00	0.00008	-15.00	-140.00	0.00008
-13.00	-140.00	0.00008	-11.00	-140.00	0.00008
-9.00	-140.00	0.00009	9.00	-140.00	0.00009
11.00	-140.00	0.00009	13.00	-140.00	0.00010
15.00	-140.00	0.00010	17.00	-140.00	0.00010
20.00	-140.00	0.00010	25.00	-140.00	0.00010
30.00	-140.00	0.00010	40.00	-140.00	0.00011
50.00	-140.00	0.00011	60.00	-140.00	0.00012
70.00	-140.00	0.00013	80.00	-140.00	0.00013
90.00	-140.00	0.00014	100.00	-140.00	0.00015
-100.00	-130.00	0.00006	-90.00	-130.00	0.00006
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00007	-50.00	-130.00	0.00007
-40.00	-130.00	0.00008	-30.00	-130.00	0.00008
-25.00	-130.00	0.00008	-20.00	-130.00	0.00009
-17.00	-130.00	0.00009	-15.00	-130.00	0.00009
-13.00	-130.00	0.00009	-11.00	-130.00	0.00009
-9.00	-130.00	0.00009	9.00	-130.00	0.00010
11.00	-130.00	0.00010	13.00	-130.00	0.00010
15.00	-130.00	0.00010	17.00	-130.00	0.00010
20.00	-130.00	0.00010	25.00	-130.00	0.00011
30.00	-130.00	0.00011	40.00	-130.00	0.00012
50.00	-130.00	0.00012	60.00	-130.00	0.00013
70.00	-130.00	0.00014	80.00	-130.00	0.00014
90.00	-130.00	0.00015	100.00	-130.00	0.00016
-100.00	-120.00	0.00007	-90.00	-120.00	0.00007
-80.00	-120.00	0.00007	-70.00	-120.00	0.00007

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00007	-50.00	-120.00	0.00008
-40.00	-120.00	0.00008	-30.00	-120.00	0.00009
-25.00	-120.00	0.00009	-20.00	-120.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00009	-15.00	-120.00	0.00009
-13.00	-120.00	0.00009	-11.00	-120.00	0.00010
-9.00	-120.00	0.00010	9.00	-120.00	0.00011
11.00	-120.00	0.00011	13.00	-120.00	0.00011
15.00	-120.00	0.00011	17.00	-120.00	0.00011
20.00	-120.00	0.00011	25.00	-120.00	0.00011
30.00	-120.00	0.00012	40.00	-120.00	0.00012
50.00	-120.00	0.00013	60.00	-120.00	0.00014
70.00	-120.00	0.00015	80.00	-120.00	0.00016
90.00	-120.00	0.00016	100.00	-120.00	0.00017
-100.00	-110.00	0.00007	-90.00	-110.00	0.00007
-80.00	-110.00	0.00007	-70.00	-110.00	0.00007
-60.00	-110.00	0.00008	-50.00	-110.00	0.00008
-40.00	-110.00	0.00009	-30.00	-110.00	0.00009
-25.00	-110.00	0.00009	-20.00	-110.00	0.00010
-17.00	-110.00	0.00010	-15.00	-110.00	0.00010
-13.00	-110.00	0.00010	-11.00	-110.00	0.00010
-9.00	-110.00	0.00010	9.00	-110.00	0.00011
11.00	-110.00	0.00011	13.00	-110.00	0.00011
15.00	-110.00	0.00012	17.00	-110.00	0.00012
20.00	-110.00	0.00012	25.00	-110.00	0.00012
30.00	-110.00	0.00013	40.00	-110.00	0.00013
50.00	-110.00	0.00014	60.00	-110.00	0.00015
70.00	-110.00	0.00016	80.00	-110.00	0.00017
90.00	-110.00	0.00018	100.00	-110.00	0.00019
-100.00	-100.00	0.00007	-90.00	-100.00	0.00007
-80.00	-100.00	0.00008	-70.00	-100.00	0.00008
-60.00	-100.00	0.00008	-50.00	-100.00	0.00009
-40.00	-100.00	0.00009	-30.00	-100.00	0.00010
-25.00	-100.00	0.00010	-20.00	-100.00	0.00010
-17.00	-100.00	0.00010	-15.00	-100.00	0.00011

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-100.00	0.00011	-11.00	-100.00	0.00011
-9.00	-100.00	0.00011	9.00	-100.00	0.00012
11.00	-100.00	0.00012	13.00	-100.00	0.00012
15.00	-100.00	0.00012	17.00	-100.00	0.00013
20.00	-100.00	0.00013	25.00	-100.00	0.00013
30.00	-100.00	0.00014	40.00	-100.00	0.00014
50.00	-100.00	0.00015	60.00	-100.00	0.00016
70.00	-100.00	0.00017	80.00	-100.00	0.00018
90.00	-100.00	0.00019	100.00	-100.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00008	-90.00	-90.00	0.00008
-80.00	-90.00	0.00008	-70.00	-90.00	0.00008
-60.00	-90.00	0.00009	-50.00	-90.00	0.00009
-40.00	-90.00	0.00010	-30.00	-90.00	0.00010
-25.00	-90.00	0.00011	-20.00	-90.00	0.00011
-17.00	-90.00	0.00011	-15.00	-90.00	0.00011
-13.00	-90.00	0.00011	-11.00	-90.00	0.00011
-9.00	-90.00	0.00012	9.00	-90.00	0.00013
11.00	-90.00	0.00013	13.00	-90.00	0.00013
15.00	-90.00	0.00013	17.00	-90.00	0.00013
20.00	-90.00	0.00014	25.00	-90.00	0.00014
30.00	-90.00	0.00015	40.00	-90.00	0.00016
50.00	-90.00	0.00017	60.00	-90.00	0.00018
70.00	-90.00	0.00019	80.00	-90.00	0.00020
90.00	-90.00	0.00021	100.00	-90.00	0.00022
-100.00	-80.00	0.00008	-90.00	-80.00	0.00008
-80.00	-80.00	0.00009	-70.00	-80.00	0.00009
-60.00	-80.00	0.00009	-50.00	-80.00	0.00010
-40.00	-80.00	0.00010	-30.00	-80.00	0.00011
-25.00	-80.00	0.00011	-20.00	-80.00	0.00012
-17.00	-80.00	0.00012	-15.00	-80.00	0.00012
-13.00	-80.00	0.00012	-11.00	-80.00	0.00012
-9.00	-80.00	0.00012	9.00	-80.00	0.00014
11.00	-80.00	0.00014	13.00	-80.00	0.00014
15.00	-80.00	0.00014	17.00	-80.00	0.00015

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00015	25.00	-80.00	0.00015
30.00	-80.00	0.00016	40.00	-80.00	0.00017
50.00	-80.00	0.00018	60.00	-80.00	0.00019
70.00	-80.00	0.00021	80.00	-80.00	0.00022
90.00	-80.00	0.00023	100.00	-80.00	0.00024
-100.00	-70.00	0.00009	-90.00	-70.00	0.00009
-80.00	-70.00	0.00009	-70.00	-70.00	0.00009
-60.00	-70.00	0.00010	-50.00	-70.00	0.00010
-40.00	-70.00	0.00011	-30.00	-70.00	0.00012
-25.00	-70.00	0.00012	-20.00	-70.00	0.00012
-17.00	-70.00	0.00013	-15.00	-70.00	0.00013
-13.00	-70.00	0.00013	-11.00	-70.00	0.00013
-9.00	-70.00	0.00013	9.00	-70.00	0.00015
11.00	-70.00	0.00015	13.00	-70.00	0.00015
15.00	-70.00	0.00015	17.00	-70.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00016	25.00	-70.00	0.00016
30.00	-70.00	0.00017	40.00	-70.00	0.00018
50.00	-70.00	0.00020	60.00	-70.00	0.00021
70.00	-70.00	0.00022	80.00	-70.00	0.00024
90.00	-70.00	0.00025	100.00	-70.00	0.00027
-100.00	-60.00	0.00009	-90.00	-60.00	0.00010
-80.00	-60.00	0.00010	-70.00	-60.00	0.00010
-60.00	-60.00	0.00010	-50.00	-60.00	0.00011
-40.00	-60.00	0.00012	-30.00	-60.00	0.00012
-25.00	-60.00	0.00013	-20.00	-60.00	0.00013
-17.00	-60.00	0.00014	-15.00	-60.00	0.00014
-13.00	-60.00	0.00014	-11.00	-60.00	0.00014
-9.00	-60.00	0.00014	9.00	-60.00	0.00016
11.00	-60.00	0.00016	13.00	-60.00	0.00017
15.00	-60.00	0.00017	17.00	-60.00	0.00017
20.00	-60.00	0.00017	25.00	-60.00	0.00018
30.00	-60.00	0.00019	40.00	-60.00	0.00020
50.00	-60.00	0.00022	60.00	-60.00	0.00023
70.00	-60.00	0.00025	80.00	-60.00	0.00026

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00028	100.00	-60.00	0.00029
-100.00	-50.00	0.00010	-90.00	-50.00	0.00010
-80.00	-50.00	0.00011	-70.00	-50.00	0.00011
-60.00	-50.00	0.00011	-50.00	-50.00	0.00012
-40.00	-50.00	0.00012	-30.00	-50.00	0.00013
-25.00	-50.00	0.00014	-20.00	-50.00	0.00014
-17.00	-50.00	0.00015	-15.00	-50.00	0.00015
-13.00	-50.00	0.00015	-11.00	-50.00	0.00015
-9.00	-50.00	0.00015	9.00	-50.00	0.00018
11.00	-50.00	0.00018	13.00	-50.00	0.00018
15.00	-50.00	0.00018	17.00	-50.00	0.00018
20.00	-50.00	0.00019	25.00	-50.00	0.00020
30.00	-50.00	0.00020	40.00	-50.00	0.00022
50.00	-50.00	0.00024	60.00	-50.00	0.00026
70.00	-50.00	0.00027	80.00	-50.00	0.00029
90.00	-50.00	0.00031	100.00	-50.00	0.00032
-100.00	-40.00	0.00010	-90.00	-40.00	0.00011
-80.00	-40.00	0.00011	-70.00	-40.00	0.00012
-60.00	-40.00	0.00012	-50.00	-40.00	0.00013
-40.00	-40.00	0.00013	-30.00	-40.00	0.00014
-25.00	-40.00	0.00015	-20.00	-40.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00016	-15.00	-40.00	0.00016
-13.00	-40.00	0.00016	-11.00	-40.00	0.00017
-9.00	-40.00	0.00017	9.00	-40.00	0.00019
11.00	-40.00	0.00019	13.00	-40.00	0.00020
15.00	-40.00	0.00020	17.00	-40.00	0.00020
20.00	-40.00	0.00021	25.00	-40.00	0.00021
30.00	-40.00	0.00022	40.00	-40.00	0.00024
50.00	-40.00	0.00026	60.00	-40.00	0.00028
70.00	-40.00	0.00030	80.00	-40.00	0.00032
90.00	-40.00	0.00034	100.00	-40.00	0.00036
-100.00	-30.00	0.00011	-90.00	-30.00	0.00012
-80.00	-30.00	0.00012	-70.00	-30.00	0.00013
-60.00	-30.00	0.00013	-50.00	-30.00	0.00014

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00014	-30.00	-30.00	0.00015
-25.00	-30.00	0.00016	-20.00	-30.00	0.00017
-17.00	-30.00	0.00017	-15.00	-30.00	0.00017
-13.00	-30.00	0.00018	-11.00	-30.00	0.00018
-9.00	-30.00	0.00018	9.00	-30.00	0.00021
11.00	-30.00	0.00021	13.00	-30.00	0.00021
15.00	-30.00	0.00022	17.00	-30.00	0.00022
20.00	-30.00	0.00023	25.00	-30.00	0.00024
30.00	-30.00	0.00025	40.00	-30.00	0.00027
50.00	-30.00	0.00029	60.00	-30.00	0.00032
70.00	-30.00	0.00034	80.00	-30.00	0.00036
90.00	-30.00	0.00038	100.00	-30.00	0.00040
-100.00	-20.00	0.00012	-90.00	-20.00	0.00012
-80.00	-20.00	0.00013	-70.00	-20.00	0.00014
-60.00	-20.00	0.00014	-50.00	-20.00	0.00015
-40.00	-20.00	0.00016	-30.00	-20.00	0.00017
-25.00	-20.00	0.00017	-20.00	-20.00	0.00018
-17.00	-20.00	0.00019	-15.00	-20.00	0.00019
-13.00	-20.00	0.00019	-11.00	-20.00	0.00020
-9.00	-20.00	0.00020	9.00	-20.00	0.00023
11.00	-20.00	0.00023	13.00	-20.00	0.00024
15.00	-20.00	0.00024	17.00	-20.00	0.00024
20.00	-20.00	0.00025	25.00	-20.00	0.00026
30.00	-20.00	0.00027	40.00	-20.00	0.00030
50.00	-20.00	0.00033	60.00	-20.00	0.00036
70.00	-20.00	0.00038	80.00	-20.00	0.00041
90.00	-20.00	0.00043	100.00	-20.00	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00012	-90.00	-10.00	0.00013
-80.00	-10.00	0.00014	-70.00	-10.00	0.00015
-60.00	-10.00	0.00015	-50.00	-10.00	0.00016
-40.00	-10.00	0.00017	-30.00	-10.00	0.00018
-25.00	-10.00	0.00019	-20.00	-10.00	0.00020
-17.00	-10.00	0.00020	-15.00	-10.00	0.00021
-13.00	-10.00	0.00021	-11.00	-10.00	0.00021

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00022	9.00	-10.00	0.00025
11.00	-10.00	0.00026	13.00	-10.00	0.00026
15.00	-10.00	0.00027	17.00	-10.00	0.00027
20.00	-10.00	0.00028	25.00	-10.00	0.00029
30.00	-10.00	0.00031	40.00	-10.00	0.00034
50.00	-10.00	0.00037	60.00	-10.00	0.00040
70.00	-10.00	0.00043	80.00	-10.00	0.00046
90.00	-10.00	0.00048	100.00	-10.00	0.00050
-100.00	0.00	0.00013	-90.00	0.00	0.00014
-80.00	0.00	0.00015	-70.00	0.00	0.00016
-60.00	0.00	0.00017	-50.00	0.00	0.00017
-40.00	0.00	0.00018	-30.00	0.00	0.00020
-25.00	0.00	0.00021	-20.00	0.00	0.00021
-17.00	0.00	0.00022	-15.00	0.00	0.00023
-13.00	0.00	0.00023	-11.00	0.00	0.00023
-9.00	0.00	0.00024	9.00	0.00	0.00028
11.00	0.00	0.00029	13.00	0.00	0.00029
15.00	0.00	0.00030	17.00	0.00	0.00030
20.00	0.00	0.00031	25.00	0.00	0.00033
30.00	0.00	0.00034	40.00	0.00	0.00038
50.00	0.00	0.00042	60.00	0.00	0.00046
70.00	0.00	0.00049	80.00	0.00	0.00052
90.00	0.00	0.00054	100.00	0.00	0.00056
-100.00	10.00	0.00014	-90.00	10.00	0.00015
-80.00	10.00	0.00016	-70.00	10.00	0.00017
-60.00	10.00	0.00018	-50.00	10.00	0.00019
-40.00	10.00	0.00020	-30.00	10.00	0.00022
-25.00	10.00	0.00022	-20.00	10.00	0.00024
-17.00	10.00	0.00024	-15.00	10.00	0.00025
-13.00	10.00	0.00025	-11.00	10.00	0.00026
-9.00	10.00	0.00026	9.00	10.00	0.00031
11.00	10.00	0.00032	13.00	10.00	0.00033
15.00	10.00	0.00033	17.00	10.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00035	25.00	10.00	0.00037



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00039	40.00	10.00	0.00044
50.00	10.00	0.00048	60.00	10.00	0.00053
70.00	10.00	0.00056	80.00	10.00	0.00059
90.00	10.00	0.00061	100.00	10.00	0.00063
-100.00	20.00	0.00015	-90.00	20.00	0.00016
-80.00	20.00	0.00017	-70.00	20.00	0.00019
-60.00	20.00	0.00020	-50.00	20.00	0.00021
-40.00	20.00	0.00022	-30.00	20.00	0.00024
-25.00	20.00	0.00025	-20.00	20.00	0.00026
-17.00	20.00	0.00027	-15.00	20.00	0.00027
-13.00	20.00	0.00028	-11.00	20.00	0.00029
-9.00	20.00	0.00029	9.00	20.00	0.00035
11.00	20.00	0.00036	13.00	20.00	0.00037
15.00	20.00	0.00038	17.00	20.00	0.00039
20.00	20.00	0.00040	25.00	20.00	0.00042
30.00	20.00	0.00045	40.00	20.00	0.00050
50.00	20.00	0.00056	60.00	20.00	0.00061
70.00	20.00	0.00065	80.00	20.00	0.00068
90.00	20.00	0.00070	100.00	20.00	0.00071
-100.00	30.00	0.00015	-90.00	30.00	0.00017
-80.00	30.00	0.00019	-70.00	30.00	0.00020
-60.00	30.00	0.00022	-50.00	30.00	0.00023
-40.00	30.00	0.00024	-30.00	30.00	0.00026
-25.00	30.00	0.00027	-20.00	30.00	0.00029
-17.00	30.00	0.00030	-15.00	30.00	0.00031
-13.00	30.00	0.00031	-11.00	30.00	0.00032
-9.00	30.00	0.00033	9.00	30.00	0.00040
11.00	30.00	0.00041	13.00	30.00	0.00042
15.00	30.00	0.00043	17.00	30.00	0.00044
20.00	30.00	0.00046	25.00	30.00	0.00049
30.00	30.00	0.00052	40.00	30.00	0.00059
50.00	30.00	0.00065	60.00	30.00	0.00071
70.00	30.00	0.00075	80.00	30.00	0.00078
90.00	30.00	0.00080	100.00	30.00	0.00080
-100.00	40.00	0.00016	-90.00	40.00	0.00018
-80.00	40.00	0.00020	-70.00	40.00	0.00022
-60.00	40.00	0.00024	-50.00	40.00	0.00026
-40.00	40.00	0.00027	-30.00	40.00	0.00029
-25.00	40.00	0.00030	-20.00	40.00	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00033	-15.00	40.00	0.00034
-13.00	40.00	0.00035	-11.00	40.00	0.00036
-9.00	40.00	0.00037	9.00	40.00	0.00046
11.00	40.00	0.00047	13.00	40.00	0.00048
15.00	40.00	0.00050	17.00	40.00	0.00051
20.00	40.00	0.00053	25.00	40.00	0.00057
30.00	40.00	0.00061	40.00	40.00	0.00069
50.00	40.00	0.00077	60.00	40.00	0.00084
70.00	40.00	0.00088	80.00	40.00	0.00091
90.00	40.00	0.00091	100.00	40.00	0.00091
-100.00	50.00	0.00017	-90.00	50.00	0.00019
-80.00	50.00	0.00021	-70.00	50.00	0.00024
-60.00	50.00	0.00026	-50.00	50.00	0.00029
-40.00	50.00	0.00031	-30.00	50.00	0.00033
-25.00	50.00	0.00034	-20.00	50.00	0.00036
-17.00	50.00	0.00037	-15.00	50.00	0.00038
-13.00	50.00	0.00039	-11.00	50.00	0.00041
-9.00	50.00	0.00042	9.00	50.00	0.00053
11.00	50.00	0.00055	13.00	50.00	0.00056
15.00	50.00	0.00058	17.00	50.00	0.00060
20.00	50.00	0.00063	25.00	50.00	0.00068
30.00	50.00	0.00073	40.00	50.00	0.00083
50.00	50.00	0.00092	60.00	50.00	0.00099
70.00	50.00	0.00103	80.00	50.00	0.00105
90.00	50.00	0.00105	100.00	50.00	0.00103
-100.00	60.00	0.00018	-90.00	60.00	0.00020
-80.00	60.00	0.00023	-70.00	60.00	0.00025
-60.00	60.00	0.00029	-50.00	60.00	0.00032
-40.00	60.00	0.00034	-30.00	60.00	0.00037
-25.00	60.00	0.00039	-20.00	60.00	0.00041
-17.00	60.00	0.00042	-15.00	60.00	0.00043
-13.00	60.00	0.00045	-11.00	60.00	0.00046
-9.00	60.00	0.00047	9.00	60.00	0.00062
11.00	60.00	0.00064	13.00	60.00	0.00067
15.00	60.00	0.00069	17.00	60.00	0.00071
20.00	60.00	0.00075	25.00	60.00	0.00081
30.00	60.00	0.00088	40.00	60.00	0.00101
50.00	60.00	0.00112	60.00	60.00	0.00119
70.00	60.00	0.00122	80.00	60.00	0.00123

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00 60.00 0.00120 100.00 60.00 0.00116

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00021
-80.00	70.00	0.00024	-70.00	70.00	0.00027
-60.00	70.00	0.00031	-50.00	70.00	0.00035
-40.00	70.00	0.00039	-30.00	70.00	0.00042
-25.00	70.00	0.00044	-20.00	70.00	0.00046
-17.00	70.00	0.00048	-15.00	70.00	0.00049
-13.00	70.00	0.00051	-11.00	70.00	0.00053
-9.00	70.00	0.00054	9.00	70.00	0.00074
11.00	70.00	0.00077	13.00	70.00	0.00080
15.00	70.00	0.00083	17.00	70.00	0.00086
20.00	70.00	0.00091	25.00	70.00	0.00100
30.00	70.00	0.00109	40.00	70.00	0.00125
50.00	70.00	0.00137	60.00	70.00	0.00143
70.00	70.00	0.00145	80.00	70.00	0.00142
90.00	70.00	0.00137	100.00	70.00	0.00129
-100.00	80.00	0.00021	-90.00	80.00	0.00023
-80.00	80.00	0.00026	-70.00	80.00	0.00029
-60.00	80.00	0.00033	-50.00	80.00	0.00038
-40.00	80.00	0.00043	-30.00	80.00	0.00048
-25.00	80.00	0.00050	-20.00	80.00	0.00053
-17.00	80.00	0.00055	-15.00	80.00	0.00057
-13.00	80.00	0.00058	-11.00	80.00	0.00061
-9.00	80.00	0.00063	9.00	80.00	0.00089
11.00	80.00	0.00093	13.00	80.00	0.00098
15.00	80.00	0.00102	17.00	80.00	0.00107
20.00	80.00	0.00114	25.00	80.00	0.00126
30.00	80.00	0.00138	40.00	80.00	0.00157
50.00	80.00	0.00169	60.00	80.00	0.00174
70.00	80.00	0.00171	80.00	80.00	0.00164
90.00	80.00	0.00153	100.00	80.00	0.00141
-100.00	90.00	0.00022	-90.00	90.00	0.00025
-80.00	90.00	0.00028	-70.00	90.00	0.00032
-60.00	90.00	0.00036	-50.00	90.00	0.00042

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00048	-30.00	90.00	0.00055
-25.00	90.00	0.00058	-20.00	90.00	0.00061
-17.00	90.00	0.00064	-15.00	90.00	0.00065
-13.00	90.00	0.00068	-11.00	90.00	0.00070
-9.00	90.00	0.00073	9.00	90.00	0.00110
11.00	90.00	0.00116	13.00	90.00	0.00122
15.00	90.00	0.00129	17.00	90.00	0.00136

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00146	25.00	90.00	0.00163
30.00	90.00	0.00179	40.00	90.00	0.00201
50.00	90.00	0.00211	60.00	90.00	0.00209
70.00	90.00	0.00199	80.00	90.00	0.00185
90.00	90.00	0.00169	100.00	90.00	0.00153
-100.00	100.00	0.00024	-90.00	100.00	0.00027
-80.00	100.00	0.00030	-70.00	100.00	0.00035
-60.00	100.00	0.00040	-50.00	100.00	0.00046
-40.00	100.00	0.00053	-30.00	100.00	0.00062
-25.00	100.00	0.00066	-20.00	100.00	0.00071
-17.00	100.00	0.00074	-15.00	100.00	0.00076
-13.00	100.00	0.00078	-11.00	100.00	0.00081
-9.00	100.00	0.00085	9.00	100.00	0.00140
11.00	100.00	0.00149	13.00	100.00	0.00159
15.00	100.00	0.00170	17.00	100.00	0.00180
20.00	100.00	0.00195	25.00	100.00	0.00219
30.00	100.00	0.00238	40.00	100.00	0.00260
50.00	100.00	0.00260	60.00	100.00	0.00247
70.00	100.00	0.00227	80.00	100.00	0.00204
90.00	100.00	0.00182	100.00	100.00	0.00162
-100.00	110.00	0.00026	-90.00	110.00	0.00030
-80.00	110.00	0.00033	-70.00	110.00	0.00038
-60.00	110.00	0.00044	-50.00	110.00	0.00051
-40.00	110.00	0.00059	-30.00	110.00	0.00069
-25.00	110.00	0.00075	-20.00	110.00	0.00081
-17.00	110.00	0.00085	-15.00	110.00	0.00088
-13.00	110.00	0.00091	-11.00	110.00	0.00095

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00099	9.00	110.00	0.00186
11.00	110.00	0.00202	13.00	110.00	0.00219
15.00	110.00	0.00235	17.00	110.00	0.00252
20.00	110.00	0.00274	25.00	110.00	0.00304
30.00	110.00	0.00323	40.00	110.00	0.00331
50.00	110.00	0.00312	60.00	110.00	0.00283
70.00	110.00	0.00251	80.00	110.00	0.00220
90.00	110.00	0.00192	100.00	110.00	0.00167
-100.00	120.00	0.00029	-90.00	120.00	0.00033
-80.00	120.00	0.00037	-70.00	120.00	0.00042
-60.00	120.00	0.00049	-50.00	120.00	0.00057
-40.00	120.00	0.00066	-30.00	120.00	0.00078
-25.00	120.00	0.00084	-20.00	120.00	0.00092

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00097	-15.00	120.00	0.00101
-13.00	120.00	0.00106	-11.00	120.00	0.00111
-9.00	120.00	0.00116	9.00	120.00	0.00272
11.00	120.00	0.00301	13.00	120.00	0.00328
15.00	120.00	0.00354	17.00	120.00	0.00376
20.00	120.00	0.00401	25.00	120.00	0.00424
30.00	120.00	0.00427	40.00	120.00	0.00401
50.00	120.00	0.00357	60.00	120.00	0.00310
70.00	120.00	0.00266	80.00	120.00	0.00228
90.00	120.00	0.00195	100.00	120.00	0.00166
-100.00	130.00	0.00033	-90.00	130.00	0.00037
-80.00	130.00	0.00042	-70.00	130.00	0.00048
-60.00	130.00	0.00055	-50.00	130.00	0.00065
-40.00	130.00	0.00076	-30.00	130.00	0.00089
-25.00	130.00	0.00097	-20.00	130.00	0.00106
-17.00	130.00	0.00112	-15.00	130.00	0.00117
-13.00	130.00	0.00122	-11.00	130.00	0.00129
-9.00	130.00	0.00137	9.00	130.00	0.00469
11.00	130.00	0.00501	13.00	130.00	0.00522
15.00	130.00	0.00536	17.00	130.00	0.00544
20.00	130.00	0.00547	25.00	130.00	0.00535

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00511	40.00	130.00	0.00448
50.00	130.00	0.00382	60.00	130.00	0.00323
70.00	130.00	0.00271	80.00	130.00	0.00228
90.00	130.00	0.00191	100.00	130.00	0.00161
-100.00	140.00	0.00036	-90.00	140.00	0.00041
-80.00	140.00	0.00047	-70.00	140.00	0.00055
-60.00	140.00	0.00064	-50.00	140.00	0.00075
-40.00	140.00	0.00090	-30.00	140.00	0.00108
-25.00	140.00	0.00118	-20.00	140.00	0.00131
-17.00	140.00	0.00141	-15.00	140.00	0.00148
-13.00	140.00	0.00158	-11.00	140.00	0.00171
-9.00	140.00	0.00188	9.00	140.00	0.00607
11.00	140.00	0.00613	13.00	140.00	0.00618
15.00	140.00	0.00619	17.00	140.00	0.00617
20.00	140.00	0.00608	25.00	140.00	0.00580
30.00	140.00	0.00544	40.00	140.00	0.00465
50.00	140.00	0.00388	60.00	140.00	0.00322
70.00	140.00	0.00266	80.00	140.00	0.00220
90.00	140.00	0.00182	100.00	140.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 38  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00040	-90.00	150.00	0.00046
-80.00	150.00	0.00053	-70.00	150.00	0.00062
-60.00	150.00	0.00073	-50.00	150.00	0.00087
-40.00	150.00	0.00106	-30.00	150.00	0.00132
-25.00	150.00	0.00150	-20.00	150.00	0.00171
-17.00	150.00	0.00187	-15.00	150.00	0.00199
-13.00	150.00	0.00213	-11.00	150.00	0.00227
-9.00	150.00	0.00245	9.00	150.00	0.00618
11.00	150.00	0.00625	13.00	150.00	0.00629
15.00	150.00	0.00630	17.00	150.00	0.00627
20.00	150.00	0.00616	25.00	150.00	0.00586
30.00	150.00	0.00546	40.00	150.00	0.00460
50.00	150.00	0.00379	60.00	150.00	0.00309
70.00	150.00	0.00252	80.00	150.00	0.00205
90.00	150.00	0.00168	100.00	150.00	0.00139

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00044	-90.00	160.00	0.00050
-80.00	160.00	0.00059	-70.00	160.00	0.00069
-60.00	160.00	0.00083	-50.00	160.00	0.00101
-40.00	160.00	0.00125	-30.00	160.00	0.00160
-25.00	160.00	0.00182	-20.00	160.00	0.00205
-17.00	160.00	0.00220	-15.00	160.00	0.00230
-13.00	160.00	0.00240	-11.00	160.00	0.00251
-9.00	160.00	0.00264	9.00	160.00	0.00617
11.00	160.00	0.00622	13.00	160.00	0.00625
15.00	160.00	0.00625	17.00	160.00	0.00621
20.00	160.00	0.00608	25.00	160.00	0.00575
30.00	160.00	0.00533	40.00	160.00	0.00442
50.00	160.00	0.00358	60.00	160.00	0.00287
70.00	160.00	0.00230	80.00	160.00	0.00185
90.00	160.00	0.00150	100.00	160.00	0.00123
-100.00	170.00	0.00047	-90.00	170.00	0.00055
-80.00	170.00	0.00065	-70.00	170.00	0.00077
-60.00	170.00	0.00093	-50.00	170.00	0.00115
-40.00	170.00	0.00143	-30.00	170.00	0.00179
-25.00	170.00	0.00200	-20.00	170.00	0.00220
-17.00	170.00	0.00232	-15.00	170.00	0.00240
-13.00	170.00	0.00249	-11.00	170.00	0.00257
-9.00	170.00	0.00268	9.00	170.00	0.00607
11.00	170.00	0.00611	13.00	170.00	0.00612
15.00	170.00	0.00610	17.00	170.00	0.00604

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00589	25.00	170.00	0.00552
30.00	170.00	0.00507	40.00	170.00	0.00411
50.00	170.00	0.00325	60.00	170.00	0.00255
70.00	170.00	0.00201	80.00	170.00	0.00160
90.00	170.00	0.00129	100.00	170.00	0.00106
-100.00	180.00	0.00050	-90.00	180.00	0.00059
-80.00	180.00	0.00070	-70.00	180.00	0.00085
-60.00	180.00	0.00103	-50.00	180.00	0.00126
-40.00	180.00	0.00155	-30.00	180.00	0.00188

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00206	-20.00	180.00	0.00223
-17.00	180.00	0.00233	-15.00	180.00	0.00240
-13.00	180.00	0.00247	-11.00	180.00	0.00255
-9.00	180.00	0.00265	9.00	180.00	0.00589
11.00	180.00	0.00590	13.00	180.00	0.00589
15.00	180.00	0.00584	17.00	180.00	0.00576
20.00	180.00	0.00557	25.00	180.00	0.00515
30.00	180.00	0.00465	40.00	180.00	0.00366
50.00	180.00	0.00281	60.00	180.00	0.00216
70.00	180.00	0.00168	80.00	180.00	0.00133
90.00	180.00	0.00107	100.00	180.00	0.00088
-100.00	190.00	0.00053	-90.00	190.00	0.00063
-80.00	190.00	0.00075	-70.00	190.00	0.00091
-60.00	190.00	0.00110	-50.00	190.00	0.00133
-40.00	190.00	0.00161	-30.00	190.00	0.00190
-25.00	190.00	0.00204	-20.00	190.00	0.00219
-17.00	190.00	0.00228	-15.00	190.00	0.00234
-13.00	190.00	0.00240	-11.00	190.00	0.00247
-9.00	190.00	0.00255	9.00	190.00	0.00559
11.00	190.00	0.00557	13.00	190.00	0.00552
15.00	190.00	0.00543	17.00	190.00	0.00531
20.00	190.00	0.00507	25.00	190.00	0.00457
30.00	190.00	0.00403	40.00	190.00	0.00303
50.00	190.00	0.00226	60.00	190.00	0.00172
70.00	190.00	0.00134	80.00	190.00	0.00106
90.00	190.00	0.00086	100.00	190.00	0.00071
-100.00	200.00	0.00056	-90.00	200.00	0.00066
-80.00	200.00	0.00079	-70.00	200.00	0.00094
-60.00	200.00	0.00113	-50.00	200.00	0.00136
-40.00	200.00	0.00161	-30.00	200.00	0.00186
-25.00	200.00	0.00199	-20.00	200.00	0.00211

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:58:54  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00218	-15.00	200.00	0.00223
-13.00	200.00	0.00228	-11.00	200.00	0.00234
-9.00	200.00	0.00241	9.00	200.00	0.00511



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00501	13.00	200.00	0.00490
15.00	200.00	0.00475	17.00	200.00	0.00457
20.00	200.00	0.00425	25.00	200.00	0.00368
30.00	200.00	0.00312	40.00	200.00	0.00225
50.00	200.00	0.00166	60.00	200.00	0.00127
70.00	200.00	0.00100	80.00	200.00	0.00081
90.00	200.00	0.00066	100.00	200.00	0.00056
-100.00	210.00	0.00058	-90.00	210.00	0.00068
-80.00	210.00	0.00080	-70.00	210.00	0.00095
-60.00	210.00	0.00113	-50.00	210.00	0.00134
-40.00	210.00	0.00156	-30.00	210.00	0.00179
-25.00	210.00	0.00190	-20.00	210.00	0.00200
-17.00	210.00	0.00206	-15.00	210.00	0.00209
-13.00	210.00	0.00213	-11.00	210.00	0.00217
-9.00	210.00	0.00223	9.00	210.00	0.00422
11.00	210.00	0.00399	13.00	210.00	0.00376
15.00	210.00	0.00352	17.00	210.00	0.00327
20.00	210.00	0.00292	25.00	210.00	0.00241
30.00	210.00	0.00201	40.00	210.00	0.00146
50.00	210.00	0.00111	60.00	210.00	0.00088
70.00	210.00	0.00072	80.00	210.00	0.00060
90.00	210.00	0.00051	100.00	210.00	0.00044
-100.00	220.00	0.00058	-90.00	220.00	0.00068
-80.00	220.00	0.00079	-70.00	220.00	0.00093
-60.00	220.00	0.00109	-50.00	220.00	0.00127
-40.00	220.00	0.00147	-30.00	220.00	0.00167
-25.00	220.00	0.00176	-20.00	220.00	0.00185
-17.00	220.00	0.00189	-15.00	220.00	0.00192
-13.00	220.00	0.00194	-11.00	220.00	0.00196
-9.00	220.00	0.00199	9.00	220.00	0.00219
11.00	220.00	0.00194	13.00	220.00	0.00176
15.00	220.00	0.00163	17.00	220.00	0.00152
20.00	220.00	0.00139	25.00	220.00	0.00122
30.00	220.00	0.00108	40.00	220.00	0.00087
50.00	220.00	0.00072	60.00	220.00	0.00061
70.00	220.00	0.00052	80.00	220.00	0.00045
90.00	220.00	0.00039	100.00	220.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00057	-90.00	230.00	0.00066	
-80.00	230.00	0.00076	-70.00	230.00	0.00088	
-60.00	230.00	0.00102	-50.00	230.00	0.00116	
-40.00	230.00	0.00131	-30.00	230.00	0.00146	
-25.00	230.00	0.00152	-20.00	230.00	0.00156	
-17.00	230.00	0.00157	-15.00	230.00	0.00156	
-13.00	230.00	0.00154	-11.00	230.00	0.00150	
-9.00	230.00	0.00143	9.00	230.00	0.00073	
11.00	230.00	0.00072	13.00	230.00	0.00071	
15.00	230.00	0.00071	17.00	230.00	0.00070	
20.00	230.00	0.00068	25.00	230.00	0.00065	
30.00	230.00	0.00061	40.00	230.00	0.00054	
50.00	230.00	0.00048	60.00	230.00	0.00043	
70.00	230.00	0.00038	80.00	230.00	0.00034	
90.00	230.00	0.00030	100.00	230.00	0.00027	
-100.00	240.00	0.00055	-90.00	240.00	0.00063	
-80.00	240.00	0.00072	-70.00	240.00	0.00082	
-60.00	240.00	0.00092	-50.00	240.00	0.00103	
-40.00	240.00	0.00112	-30.00	240.00	0.00117	
-25.00	240.00	0.00116	-20.00	240.00	0.00111	
-17.00	240.00	0.00105	-15.00	240.00	0.00100	
-13.00	240.00	0.00093	-11.00	240.00	0.00087	
-9.00	240.00	0.00080	9.00	240.00	0.00050	
11.00	240.00	0.00049	13.00	240.00	0.00048	
15.00	240.00	0.00047	17.00	240.00	0.00046	
20.00	240.00	0.00045	25.00	240.00	0.00043	
30.00	240.00	0.00041	40.00	240.00	0.00038	
50.00	240.00	0.00034	60.00	240.00	0.00031	
70.00	240.00	0.00029	80.00	240.00	0.00026	
90.00	240.00	0.00024	100.00	240.00	0.00022	
-100.00	250.00	0.00053	-90.00	250.00	0.00059	
-80.00	250.00	0.00066	-70.00	250.00	0.00074	
-60.00	250.00	0.00081	-50.00	250.00	0.00086	
-40.00	250.00	0.00089	-30.00	250.00	0.00084	
-25.00	250.00	0.00079	-20.00	250.00	0.00071	
-17.00	250.00	0.00065	-15.00	250.00	0.00062	
-13.00	250.00	0.00058	-11.00	250.00	0.00055	
-9.00	250.00	0.00052	9.00	250.00	0.00037	
11.00	250.00	0.00037	13.00	250.00	0.00037	
15.00	250.00	0.00036	17.00	250.00	0.00035	

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00034	25.00	250.00	0.00033
30.00	250.00	0.00031	40.00	250.00	0.00028
50.00	250.00	0.00026	60.00	250.00	0.00024
70.00	250.00	0.00023	80.00	250.00	0.00021
90.00	250.00	0.00019	100.00	250.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00005	-90.00	-250.00	0.00005
-80.00	-250.00	0.00006	-70.00	-250.00	0.00006
-60.00	-250.00	0.00006	-50.00	-250.00	0.00006
-40.00	-250.00	0.00007	-30.00	-250.00	0.00007
-25.00	-250.00	0.00007	-20.00	-250.00	0.00007
-17.00	-250.00	0.00007	-15.00	-250.00	0.00007
-13.00	-250.00	0.00008	-11.00	-250.00	0.00008
-9.00	-250.00	0.00008	9.00	-250.00	0.00008
11.00	-250.00	0.00008	13.00	-250.00	0.00008
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00009	40.00	-250.00	0.00010
50.00	-250.00	0.00010	60.00	-250.00	0.00011
70.00	-250.00	0.00011	80.00	-250.00	0.00012
90.00	-250.00	0.00012	100.00	-250.00	0.00013
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00006
-60.00	-240.00	0.00006	-50.00	-240.00	0.00007
-40.00	-240.00	0.00007	-30.00	-240.00	0.00007
-25.00	-240.00	0.00007	-20.00	-240.00	0.00008

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-240.00	0.00008	-15.00	-240.00	0.00008
-13.00	-240.00	0.00008	-11.00	-240.00	0.00008
-9.00	-240.00	0.00008	9.00	-240.00	0.00009
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00010	40.00	-240.00	0.00010
50.00	-240.00	0.00011	60.00	-240.00	0.00011
70.00	-240.00	0.00012	80.00	-240.00	0.00013
90.00	-240.00	0.00013	100.00	-240.00	0.00014
-100.00	-230.00	0.00006	-90.00	-230.00	0.00006
-80.00	-230.00	0.00006	-70.00	-230.00	0.00006
-60.00	-230.00	0.00007	-50.00	-230.00	0.00007
-40.00	-230.00	0.00007	-30.00	-230.00	0.00008
-25.00	-230.00	0.00008	-20.00	-230.00	0.00008
-17.00	-230.00	0.00008	-15.00	-230.00	0.00008
-13.00	-230.00	0.00008	-11.00	-230.00	0.00008
-9.00	-230.00	0.00009	9.00	-230.00	0.00009
11.00	-230.00	0.00009	13.00	-230.00	0.00010
15.00	-230.00	0.00010	17.00	-230.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00010	25.00	-230.00	0.00010
30.00	-230.00	0.00010	40.00	-230.00	0.00011
50.00	-230.00	0.00011	60.00	-230.00	0.00012
70.00	-230.00	0.00013	80.00	-230.00	0.00013
90.00	-230.00	0.00014	100.00	-230.00	0.00015
-100.00	-220.00	0.00006	-90.00	-220.00	0.00006
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00007	-50.00	-220.00	0.00007
-40.00	-220.00	0.00008	-30.00	-220.00	0.00008
-25.00	-220.00	0.00008	-20.00	-220.00	0.00009
-17.00	-220.00	0.00009	-15.00	-220.00	0.00009
-13.00	-220.00	0.00009	-11.00	-220.00	0.00009
-9.00	-220.00	0.00009	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00010	25.00	-220.00	0.00011
30.00	-220.00	0.00011	40.00	-220.00	0.00012
50.00	-220.00	0.00012	60.00	-220.00	0.00013
70.00	-220.00	0.00014	80.00	-220.00	0.00014
90.00	-220.00	0.00015	100.00	-220.00	0.00016
-100.00	-210.00	0.00007	-90.00	-210.00	0.00007
-80.00	-210.00	0.00007	-70.00	-210.00	0.00007
-60.00	-210.00	0.00007	-50.00	-210.00	0.00008
-40.00	-210.00	0.00008	-30.00	-210.00	0.00009
-25.00	-210.00	0.00009	-20.00	-210.00	0.00009
-17.00	-210.00	0.00009	-15.00	-210.00	0.00009
-13.00	-210.00	0.00009	-11.00	-210.00	0.00010
-9.00	-210.00	0.00010	9.00	-210.00	0.00011
11.00	-210.00	0.00011	13.00	-210.00	0.00011
15.00	-210.00	0.00011	17.00	-210.00	0.00011
20.00	-210.00	0.00011	25.00	-210.00	0.00011
30.00	-210.00	0.00012	40.00	-210.00	0.00012
50.00	-210.00	0.00013	60.00	-210.00	0.00014
70.00	-210.00	0.00015	80.00	-210.00	0.00016
90.00	-210.00	0.00016	100.00	-210.00	0.00017
-100.00	-200.00	0.00007	-90.00	-200.00	0.00007
-80.00	-200.00	0.00007	-70.00	-200.00	0.00007
-60.00	-200.00	0.00008	-50.00	-200.00	0.00008
-40.00	-200.00	0.00009	-30.00	-200.00	0.00009
-25.00	-200.00	0.00009	-20.00	-200.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00010	-15.00	-200.00	0.00010
-13.00	-200.00	0.00010	-11.00	-200.00	0.00010
-9.00	-200.00	0.00010	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00012	17.00	-200.00	0.00012
20.00	-200.00	0.00012	25.00	-200.00	0.00012
30.00	-200.00	0.00013	40.00	-200.00	0.00013
50.00	-200.00	0.00014	60.00	-200.00	0.00015

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00016	80.00	-200.00	0.00017
90.00	-200.00	0.00018	100.00	-200.00	0.00019
-100.00	-190.00	0.00007	-90.00	-190.00	0.00007
-80.00	-190.00	0.00008	-70.00	-190.00	0.00008
-60.00	-190.00	0.00008	-50.00	-190.00	0.00009
-40.00	-190.00	0.00009	-30.00	-190.00	0.00010
-25.00	-190.00	0.00010	-20.00	-190.00	0.00010
-17.00	-190.00	0.00010	-15.00	-190.00	0.00011
-13.00	-190.00	0.00011	-11.00	-190.00	0.00011
-9.00	-190.00	0.00011	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00013
20.00	-190.00	0.00013	25.00	-190.00	0.00013
30.00	-190.00	0.00014	40.00	-190.00	0.00014
50.00	-190.00	0.00015	60.00	-190.00	0.00016
70.00	-190.00	0.00017	80.00	-190.00	0.00018
90.00	-190.00	0.00019	100.00	-190.00	0.00020
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00008	-70.00	-180.00	0.00008
-60.00	-180.00	0.00009	-50.00	-180.00	0.00009
-40.00	-180.00	0.00010	-30.00	-180.00	0.00010
-25.00	-180.00	0.00011	-20.00	-180.00	0.00011
-17.00	-180.00	0.00011	-15.00	-180.00	0.00011
-13.00	-180.00	0.00011	-11.00	-180.00	0.00011
-9.00	-180.00	0.00012	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00013
15.00	-180.00	0.00013	17.00	-180.00	0.00013
20.00	-180.00	0.00014	25.00	-180.00	0.00014
30.00	-180.00	0.00015	40.00	-180.00	0.00016
50.00	-180.00	0.00017	60.00	-180.00	0.00018
70.00	-180.00	0.00019	80.00	-180.00	0.00020
90.00	-180.00	0.00021	100.00	-180.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00008	-90.00	-170.00	0.00008
-80.00	-170.00	0.00009	-70.00	-170.00	0.00009

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00009	-50.00	-170.00	0.00010
-40.00	-170.00	0.00010	-30.00	-170.00	0.00011
-25.00	-170.00	0.00011	-20.00	-170.00	0.00012
-17.00	-170.00	0.00012	-15.00	-170.00	0.00012
-13.00	-170.00	0.00012	-11.00	-170.00	0.00012
-9.00	-170.00	0.00012	9.00	-170.00	0.00014
11.00	-170.00	0.00014	13.00	-170.00	0.00014
15.00	-170.00	0.00014	17.00	-170.00	0.00015
20.00	-170.00	0.00015	25.00	-170.00	0.00015
30.00	-170.00	0.00016	40.00	-170.00	0.00017
50.00	-170.00	0.00018	60.00	-170.00	0.00019
70.00	-170.00	0.00021	80.00	-170.00	0.00022
90.00	-170.00	0.00023	100.00	-170.00	0.00024
-100.00	-160.00	0.00009	-90.00	-160.00	0.00009
-80.00	-160.00	0.00009	-70.00	-160.00	0.00009
-60.00	-160.00	0.00010	-50.00	-160.00	0.00010
-40.00	-160.00	0.00011	-30.00	-160.00	0.00012
-25.00	-160.00	0.00012	-20.00	-160.00	0.00012
-17.00	-160.00	0.00013	-15.00	-160.00	0.00013
-13.00	-160.00	0.00013	-11.00	-160.00	0.00013
-9.00	-160.00	0.00013	9.00	-160.00	0.00015
11.00	-160.00	0.00015	13.00	-160.00	0.00015
15.00	-160.00	0.00015	17.00	-160.00	0.00016
20.00	-160.00	0.00016	25.00	-160.00	0.00016
30.00	-160.00	0.00017	40.00	-160.00	0.00018
50.00	-160.00	0.00020	60.00	-160.00	0.00021
70.00	-160.00	0.00022	80.00	-160.00	0.00024
90.00	-160.00	0.00025	100.00	-160.00	0.00027
-100.00	-150.00	0.00009	-90.00	-150.00	0.00010
-80.00	-150.00	0.00010	-70.00	-150.00	0.00010
-60.00	-150.00	0.00010	-50.00	-150.00	0.00011
-40.00	-150.00	0.00012	-30.00	-150.00	0.00012
-25.00	-150.00	0.00013	-20.00	-150.00	0.00013
-17.00	-150.00	0.00014	-15.00	-150.00	0.00014
-13.00	-150.00	0.00014	-11.00	-150.00	0.00014
-9.00	-150.00	0.00014	9.00	-150.00	0.00016
11.00	-150.00	0.00016	13.00	-150.00	0.00017
15.00	-150.00	0.00017	17.00	-150.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

02NCRA PL92-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00017	25.00	-150.00	0.00018	
30.00	-150.00	0.00019	40.00	-150.00	0.00020	
50.00	-150.00	0.00022	60.00	-150.00	0.00023	
70.00	-150.00	0.00025	80.00	-150.00	0.00026	
90.00	-150.00	0.00028	100.00	-150.00	0.00029	
-100.00	-140.00	0.00010	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00011	-70.00	-140.00	0.00011	
-60.00	-140.00	0.00011	-50.00	-140.00	0.00012	
-40.00	-140.00	0.00012	-30.00	-140.00	0.00013	
-25.00	-140.00	0.00014	-20.00	-140.00	0.00014	
-17.00	-140.00	0.00015	-15.00	-140.00	0.00015	
-13.00	-140.00	0.00015	-11.00	-140.00	0.00015	
-9.00	-140.00	0.00015	9.00	-140.00	0.00018	
11.00	-140.00	0.00018	13.00	-140.00	0.00018	
15.00	-140.00	0.00018	17.00	-140.00	0.00018	
20.00	-140.00	0.00019	25.00	-140.00	0.00020	
30.00	-140.00	0.00020	40.00	-140.00	0.00022	
50.00	-140.00	0.00024	60.00	-140.00	0.00026	
70.00	-140.00	0.00027	80.00	-140.00	0.00029	
90.00	-140.00	0.00031	100.00	-140.00	0.00032	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00011	
-80.00	-130.00	0.00011	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00012	-50.00	-130.00	0.00013	
-40.00	-130.00	0.00013	-30.00	-130.00	0.00014	
-25.00	-130.00	0.00015	-20.00	-130.00	0.00015	
-17.00	-130.00	0.00016	-15.00	-130.00	0.00016	
-13.00	-130.00	0.00016	-11.00	-130.00	0.00017	
-9.00	-130.00	0.00017	9.00	-130.00	0.00019	
11.00	-130.00	0.00019	13.00	-130.00	0.00020	
15.00	-130.00	0.00020	17.00	-130.00	0.00020	
20.00	-130.00	0.00021	25.00	-130.00	0.00021	
30.00	-130.00	0.00022	40.00	-130.00	0.00024	
50.00	-130.00	0.00026	60.00	-130.00	0.00028	
70.00	-130.00	0.00030	80.00	-130.00	0.00032	
90.00	-130.00	0.00034	100.00	-130.00	0.00036	
-100.00	-120.00	0.00011	-90.00	-120.00	0.00012	
-80.00	-120.00	0.00012	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00013	-50.00	-120.00	0.00014	
-40.00	-120.00	0.00014	-30.00	-120.00	0.00015	
-25.00	-120.00	0.00016	-20.00	-120.00	0.00017	



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00017	-15.00	-120.00	0.00017
-13.00	-120.00	0.00018	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00021
11.00	-120.00	0.00021	13.00	-120.00	0.00021
15.00	-120.00	0.00022	17.00	-120.00	0.00022
20.00	-120.00	0.00023	25.00	-120.00	0.00024
30.00	-120.00	0.00025	40.00	-120.00	0.00027
50.00	-120.00	0.00029	60.00	-120.00	0.00032
70.00	-120.00	0.00034	80.00	-120.00	0.00036
90.00	-120.00	0.00038	100.00	-120.00	0.00040
-100.00	-110.00	0.00012	-90.00	-110.00	0.00012
-80.00	-110.00	0.00013	-70.00	-110.00	0.00014
-60.00	-110.00	0.00014	-50.00	-110.00	0.00015
-40.00	-110.00	0.00016	-30.00	-110.00	0.00017
-25.00	-110.00	0.00017	-20.00	-110.00	0.00018
-17.00	-110.00	0.00019	-15.00	-110.00	0.00019
-13.00	-110.00	0.00019	-11.00	-110.00	0.00020
-9.00	-110.00	0.00020	9.00	-110.00	0.00023
11.00	-110.00	0.00023	13.00	-110.00	0.00024
15.00	-110.00	0.00024	17.00	-110.00	0.00024
20.00	-110.00	0.00025	25.00	-110.00	0.00026
30.00	-110.00	0.00027	40.00	-110.00	0.00030
50.00	-110.00	0.00033	60.00	-110.00	0.00036
70.00	-110.00	0.00038	80.00	-110.00	0.00041
90.00	-110.00	0.00043	100.00	-110.00	0.00044
-100.00	-100.00	0.00012	-90.00	-100.00	0.00013
-80.00	-100.00	0.00014	-70.00	-100.00	0.00015
-60.00	-100.00	0.00015	-50.00	-100.00	0.00016
-40.00	-100.00	0.00017	-30.00	-100.00	0.00018
-25.00	-100.00	0.00019	-20.00	-100.00	0.00020
-17.00	-100.00	0.00020	-15.00	-100.00	0.00021
-13.00	-100.00	0.00021	-11.00	-100.00	0.00021
-9.00	-100.00	0.00022	9.00	-100.00	0.00025
11.00	-100.00	0.00026	13.00	-100.00	0.00026

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00027	17.00	-100.00	0.00027
20.00	-100.00	0.00028	25.00	-100.00	0.00029
30.00	-100.00	0.00031	40.00	-100.00	0.00034
50.00	-100.00	0.00037	60.00	-100.00	0.00040
70.00	-100.00	0.00043	80.00	-100.00	0.00046
90.00	-100.00	0.00048	100.00	-100.00	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00013	-90.00	-90.00	0.00014
-80.00	-90.00	0.00015	-70.00	-90.00	0.00016
-60.00	-90.00	0.00017	-50.00	-90.00	0.00017
-40.00	-90.00	0.00018	-30.00	-90.00	0.00020
-25.00	-90.00	0.00021	-20.00	-90.00	0.00021
-17.00	-90.00	0.00022	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00023
-9.00	-90.00	0.00024	9.00	-90.00	0.00028
11.00	-90.00	0.00029	13.00	-90.00	0.00029
15.00	-90.00	0.00030	17.00	-90.00	0.00030
20.00	-90.00	0.00031	25.00	-90.00	0.00033
30.00	-90.00	0.00034	40.00	-90.00	0.00038
50.00	-90.00	0.00042	60.00	-90.00	0.00046
70.00	-90.00	0.00049	80.00	-90.00	0.00052
90.00	-90.00	0.00054	100.00	-90.00	0.00056
-100.00	-80.00	0.00014	-90.00	-80.00	0.00015
-80.00	-80.00	0.00016	-70.00	-80.00	0.00017
-60.00	-80.00	0.00018	-50.00	-80.00	0.00019
-40.00	-80.00	0.00020	-30.00	-80.00	0.00022
-25.00	-80.00	0.00022	-20.00	-80.00	0.00024
-17.00	-80.00	0.00024	-15.00	-80.00	0.00025
-13.00	-80.00	0.00025	-11.00	-80.00	0.00026
-9.00	-80.00	0.00026	9.00	-80.00	0.00031
11.00	-80.00	0.00032	13.00	-80.00	0.00033
15.00	-80.00	0.00033	17.00	-80.00	0.00034
20.00	-80.00	0.00035	25.00	-80.00	0.00037
30.00	-80.00	0.00039	40.00	-80.00	0.00044
50.00	-80.00	0.00048	60.00	-80.00	0.00053

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00056	80.00	-80.00	0.00059
90.00	-80.00	0.00061	100.00	-80.00	0.00063
-100.00	-70.00	0.00015	-90.00	-70.00	0.00016
-80.00	-70.00	0.00017	-70.00	-70.00	0.00019
-60.00	-70.00	0.00020	-50.00	-70.00	0.00021
-40.00	-70.00	0.00022	-30.00	-70.00	0.00024
-25.00	-70.00	0.00025	-20.00	-70.00	0.00026
-17.00	-70.00	0.00027	-15.00	-70.00	0.00027
-13.00	-70.00	0.00028	-11.00	-70.00	0.00029
-9.00	-70.00	0.00029	9.00	-70.00	0.00035
11.00	-70.00	0.00036	13.00	-70.00	0.00037
15.00	-70.00	0.00038	17.00	-70.00	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00040	25.00	-70.00	0.00042
30.00	-70.00	0.00045	40.00	-70.00	0.00050
50.00	-70.00	0.00056	60.00	-70.00	0.00061
70.00	-70.00	0.00065	80.00	-70.00	0.00068
90.00	-70.00	0.00070	100.00	-70.00	0.00071
-100.00	-60.00	0.00015	-90.00	-60.00	0.00017
-80.00	-60.00	0.00019	-70.00	-60.00	0.00020
-60.00	-60.00	0.00022	-50.00	-60.00	0.00023
-40.00	-60.00	0.00024	-30.00	-60.00	0.00026
-25.00	-60.00	0.00027	-20.00	-60.00	0.00029
-17.00	-60.00	0.00030	-15.00	-60.00	0.00031
-13.00	-60.00	0.00031	-11.00	-60.00	0.00032
-9.00	-60.00	0.00033	9.00	-60.00	0.00040
11.00	-60.00	0.00041	13.00	-60.00	0.00042
15.00	-60.00	0.00043	17.00	-60.00	0.00044
20.00	-60.00	0.00046	25.00	-60.00	0.00049
30.00	-60.00	0.00052	40.00	-60.00	0.00059
50.00	-60.00	0.00065	60.00	-60.00	0.00071
70.00	-60.00	0.00075	80.00	-60.00	0.00078
90.00	-60.00	0.00080	100.00	-60.00	0.00080
-100.00	-50.00	0.00016	-90.00	-50.00	0.00018
-80.00	-50.00	0.00020	-70.00	-50.00	0.00022

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00024	-50.00	-50.00	0.00026
-40.00	-50.00	0.00027	-30.00	-50.00	0.00029
-25.00	-50.00	0.00030	-20.00	-50.00	0.00032
-17.00	-50.00	0.00033	-15.00	-50.00	0.00034
-13.00	-50.00	0.00035	-11.00	-50.00	0.00036
-9.00	-50.00	0.00037	9.00	-50.00	0.00046
11.00	-50.00	0.00047	13.00	-50.00	0.00048
15.00	-50.00	0.00050	17.00	-50.00	0.00051
20.00	-50.00	0.00053	25.00	-50.00	0.00057
30.00	-50.00	0.00061	40.00	-50.00	0.00069
50.00	-50.00	0.00077	60.00	-50.00	0.00084
70.00	-50.00	0.00088	80.00	-50.00	0.00091
90.00	-50.00	0.00091	100.00	-50.00	0.00091
-100.00	-40.00	0.00017	-90.00	-40.00	0.00019
-80.00	-40.00	0.00021	-70.00	-40.00	0.00024
-60.00	-40.00	0.00026	-50.00	-40.00	0.00029
-40.00	-40.00	0.00031	-30.00	-40.00	0.00033
-25.00	-40.00	0.00034	-20.00	-40.00	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00038
-13.00	-40.00	0.00039	-11.00	-40.00	0.00041
-9.00	-40.00	0.00042	9.00	-40.00	0.00053
11.00	-40.00	0.00055	13.00	-40.00	0.00056
15.00	-40.00	0.00058	17.00	-40.00	0.00060
20.00	-40.00	0.00063	25.00	-40.00	0.00068
30.00	-40.00	0.00073	40.00	-40.00	0.00083
50.00	-40.00	0.00092	60.00	-40.00	0.00099
70.00	-40.00	0.00103	80.00	-40.00	0.00105
90.00	-40.00	0.00105	100.00	-40.00	0.00103
-100.00	-30.00	0.00018	-90.00	-30.00	0.00020
-80.00	-30.00	0.00023	-70.00	-30.00	0.00025
-60.00	-30.00	0.00029	-50.00	-30.00	0.00032
-40.00	-30.00	0.00034	-30.00	-30.00	0.00037
-25.00	-30.00	0.00039	-20.00	-30.00	0.00041
-17.00	-30.00	0.00042	-15.00	-30.00	0.00043

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00045	-11.00	-30.00	0.00046
-9.00	-30.00	0.00047	9.00	-30.00	0.00062
11.00	-30.00	0.00064	13.00	-30.00	0.00067
15.00	-30.00	0.00069	17.00	-30.00	0.00071
20.00	-30.00	0.00075	25.00	-30.00	0.00081
30.00	-30.00	0.00088	40.00	-30.00	0.00101
50.00	-30.00	0.00112	60.00	-30.00	0.00119
70.00	-30.00	0.00122	80.00	-30.00	0.00123
90.00	-30.00	0.00120	100.00	-30.00	0.00116
-100.00	-20.00	0.00019	-90.00	-20.00	0.00021
-80.00	-20.00	0.00024	-70.00	-20.00	0.00027
-60.00	-20.00	0.00031	-50.00	-20.00	0.00035
-40.00	-20.00	0.00039	-30.00	-20.00	0.00042
-25.00	-20.00	0.00044	-20.00	-20.00	0.00046
-17.00	-20.00	0.00048	-15.00	-20.00	0.00049
-13.00	-20.00	0.00051	-11.00	-20.00	0.00053
-9.00	-20.00	0.00054	9.00	-20.00	0.00074
11.00	-20.00	0.00077	13.00	-20.00	0.00080
15.00	-20.00	0.00083	17.00	-20.00	0.00086
20.00	-20.00	0.00091	25.00	-20.00	0.00100
30.00	-20.00	0.00109	40.00	-20.00	0.00125
50.00	-20.00	0.00137	60.00	-20.00	0.00143
70.00	-20.00	0.00145	80.00	-20.00	0.00142
90.00	-20.00	0.00137	100.00	-20.00	0.00129

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00021	-90.00	-10.00	0.00023
-80.00	-10.00	0.00026	-70.00	-10.00	0.00029
-60.00	-10.00	0.00033	-50.00	-10.00	0.00038
-40.00	-10.00	0.00043	-30.00	-10.00	0.00048
-25.00	-10.00	0.00050	-20.00	-10.00	0.00053
-17.00	-10.00	0.00055	-15.00	-10.00	0.00057
-13.00	-10.00	0.00058	-11.00	-10.00	0.00061
-9.00	-10.00	0.00063	9.00	-10.00	0.00089
11.00	-10.00	0.00093	13.00	-10.00	0.00098
15.00	-10.00	0.00102	17.00	-10.00	0.00107

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00114	25.00	-10.00	0.00126
30.00	-10.00	0.00138	40.00	-10.00	0.00157
50.00	-10.00	0.00169	60.00	-10.00	0.00174
70.00	-10.00	0.00171	80.00	-10.00	0.00164
90.00	-10.00	0.00153	100.00	-10.00	0.00141
-100.00	0.00	0.00022	-90.00	0.00	0.00025
-80.00	0.00	0.00028	-70.00	0.00	0.00032
-60.00	0.00	0.00036	-50.00	0.00	0.00042
-40.00	0.00	0.00048	-30.00	0.00	0.00055
-25.00	0.00	0.00058	-20.00	0.00	0.00061
-17.00	0.00	0.00064	-15.00	0.00	0.00065
-13.00	0.00	0.00068	-11.00	0.00	0.00070
-9.00	0.00	0.00073	9.00	0.00	0.00110
11.00	0.00	0.00116	13.00	0.00	0.00122
15.00	0.00	0.00129	17.00	0.00	0.00136
20.00	0.00	0.00146	25.00	0.00	0.00163
30.00	0.00	0.00179	40.00	0.00	0.00201
50.00	0.00	0.00211	60.00	0.00	0.00209
70.00	0.00	0.00199	80.00	0.00	0.00185
90.00	0.00	0.00169	100.00	0.00	0.00153
-100.00	10.00	0.00024	-90.00	10.00	0.00027
-80.00	10.00	0.00030	-70.00	10.00	0.00035
-60.00	10.00	0.00040	-50.00	10.00	0.00046
-40.00	10.00	0.00053	-30.00	10.00	0.00062
-25.00	10.00	0.00066	-20.00	10.00	0.00071
-17.00	10.00	0.00074	-15.00	10.00	0.00076
-13.00	10.00	0.00078	-11.00	10.00	0.00081
-9.00	10.00	0.00085	9.00	10.00	0.00140
11.00	10.00	0.00149	13.00	10.00	0.00159
15.00	10.00	0.00170	17.00	10.00	0.00180

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00195	25.00	10.00	0.00219
30.00	10.00	0.00238	40.00	10.00	0.00260
50.00	10.00	0.00260	60.00	10.00	0.00247
70.00	10.00	0.00227	80.00	10.00	0.00204

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00182	100.00	10.00	0.00162
-100.00	20.00	0.00026	-90.00	20.00	0.00030
-80.00	20.00	0.00033	-70.00	20.00	0.00038
-60.00	20.00	0.00044	-50.00	20.00	0.00051
-40.00	20.00	0.00059	-30.00	20.00	0.00069
-25.00	20.00	0.00075	-20.00	20.00	0.00081
-17.00	20.00	0.00085	-15.00	20.00	0.00088
-13.00	20.00	0.00091	-11.00	20.00	0.00095
-9.00	20.00	0.00099	9.00	20.00	0.00186
11.00	20.00	0.00202	13.00	20.00	0.00219
15.00	20.00	0.00235	17.00	20.00	0.00252
20.00	20.00	0.00274	25.00	20.00	0.00304
30.00	20.00	0.00323	40.00	20.00	0.00331
50.00	20.00	0.00312	60.00	20.00	0.00283
70.00	20.00	0.00251	80.00	20.00	0.00220
90.00	20.00	0.00192	100.00	20.00	0.00167
-100.00	30.00	0.00029	-90.00	30.00	0.00033
-80.00	30.00	0.00037	-70.00	30.00	0.00042
-60.00	30.00	0.00049	-50.00	30.00	0.00057
-40.00	30.00	0.00066	-30.00	30.00	0.00078
-25.00	30.00	0.00084	-20.00	30.00	0.00092
-17.00	30.00	0.00097	-15.00	30.00	0.00101
-13.00	30.00	0.00106	-11.00	30.00	0.00111
-9.00	30.00	0.00116	9.00	30.00	0.00272
11.00	30.00	0.00301	13.00	30.00	0.00328
15.00	30.00	0.00354	17.00	30.00	0.00376
20.00	30.00	0.00401	25.00	30.00	0.00424
30.00	30.00	0.00427	40.00	30.00	0.00401
50.00	30.00	0.00357	60.00	30.00	0.00310
70.00	30.00	0.00266	80.00	30.00	0.00228
90.00	30.00	0.00195	100.00	30.00	0.00166
-100.00	40.00	0.00033	-90.00	40.00	0.00037
-80.00	40.00	0.00042	-70.00	40.00	0.00048
-60.00	40.00	0.00055	-50.00	40.00	0.00065
-40.00	40.00	0.00076	-30.00	40.00	0.00089
-25.00	40.00	0.00097	-20.00	40.00	0.00106

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

02NCRA PL92-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00112	-15.00	40.00	0.00117
-13.00	40.00	0.00122	-11.00	40.00	0.00129
-9.00	40.00	0.00137	9.00	40.00	0.00469
11.00	40.00	0.00501	13.00	40.00	0.00522
15.00	40.00	0.00536	17.00	40.00	0.00544
20.00	40.00	0.00547	25.00	40.00	0.00535
30.00	40.00	0.00511	40.00	40.00	0.00448
50.00	40.00	0.00382	60.00	40.00	0.00323
70.00	40.00	0.00271	80.00	40.00	0.00228
90.00	40.00	0.00191	100.00	40.00	0.00161
-100.00	50.00	0.00036	-90.00	50.00	0.00041
-80.00	50.00	0.00047	-70.00	50.00	0.00055
-60.00	50.00	0.00064	-50.00	50.00	0.00075
-40.00	50.00	0.00090	-30.00	50.00	0.00108
-25.00	50.00	0.00118	-20.00	50.00	0.00131
-17.00	50.00	0.00141	-15.00	50.00	0.00148
-13.00	50.00	0.00158	-11.00	50.00	0.00171
-9.00	50.00	0.00188	9.00	50.00	0.00607
11.00	50.00	0.00613	13.00	50.00	0.00618
15.00	50.00	0.00619	17.00	50.00	0.00617
20.00	50.00	0.00608	25.00	50.00	0.00580
30.00	50.00	0.00544	40.00	50.00	0.00465
50.00	50.00	0.00388	60.00	50.00	0.00322
70.00	50.00	0.00266	80.00	50.00	0.00220
90.00	50.00	0.00182	100.00	50.00	0.00152
-100.00	60.00	0.00040	-90.00	60.00	0.00046
-80.00	60.00	0.00053	-70.00	60.00	0.00062
-60.00	60.00	0.00073	-50.00	60.00	0.00087
-40.00	60.00	0.00106	-30.00	60.00	0.00132
-25.00	60.00	0.00150	-20.00	60.00	0.00171
-17.00	60.00	0.00187	-15.00	60.00	0.00199
-13.00	60.00	0.00213	-11.00	60.00	0.00227
-9.00	60.00	0.00245	9.00	60.00	0.00618
11.00	60.00	0.00625	13.00	60.00	0.00629
15.00	60.00	0.00630	17.00	60.00	0.00627
20.00	60.00	0.00616	25.00	60.00	0.00586
30.00	60.00	0.00546	40.00	60.00	0.00460
50.00	60.00	0.00379	60.00	60.00	0.00309
70.00	60.00	0.00252	80.00	60.00	0.00205
90.00	60.00	0.00168	100.00	60.00	0.00139

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*



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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00044	-90.00	70.00	0.00050
-80.00	70.00	0.00059	-70.00	70.00	0.00069
-60.00	70.00	0.00083	-50.00	70.00	0.00101
-40.00	70.00	0.00125	-30.00	70.00	0.00160
-25.00	70.00	0.00182	-20.00	70.00	0.00205
-17.00	70.00	0.00220	-15.00	70.00	0.00230
-13.00	70.00	0.00240	-11.00	70.00	0.00251
-9.00	70.00	0.00264	9.00	70.00	0.00617
11.00	70.00	0.00622	13.00	70.00	0.00625
15.00	70.00	0.00625	17.00	70.00	0.00621
20.00	70.00	0.00608	25.00	70.00	0.00575
30.00	70.00	0.00533	40.00	70.00	0.00442
50.00	70.00	0.00358	60.00	70.00	0.00287
70.00	70.00	0.00230	80.00	70.00	0.00185
90.00	70.00	0.00150	100.00	70.00	0.00123
-100.00	80.00	0.00047	-90.00	80.00	0.00055
-80.00	80.00	0.00065	-70.00	80.00	0.00077
-60.00	80.00	0.00093	-50.00	80.00	0.00115
-40.00	80.00	0.00143	-30.00	80.00	0.00179
-25.00	80.00	0.00200	-20.00	80.00	0.00220
-17.00	80.00	0.00232	-15.00	80.00	0.00240
-13.00	80.00	0.00249	-11.00	80.00	0.00257
-9.00	80.00	0.00268	9.00	80.00	0.00607
11.00	80.00	0.00611	13.00	80.00	0.00612
15.00	80.00	0.00610	17.00	80.00	0.00604
20.00	80.00	0.00589	25.00	80.00	0.00552
30.00	80.00	0.00507	40.00	80.00	0.00411
50.00	80.00	0.00325	60.00	80.00	0.00255
70.00	80.00	0.00201	80.00	80.00	0.00160
90.00	80.00	0.00129	100.00	80.00	0.00106
-100.00	90.00	0.00050	-90.00	90.00	0.00059
-80.00	90.00	0.00070	-70.00	90.00	0.00085
-60.00	90.00	0.00103	-50.00	90.00	0.00126
-40.00	90.00	0.00155	-30.00	90.00	0.00188
-25.00	90.00	0.00206	-20.00	90.00	0.00223
-17.00	90.00	0.00233	-15.00	90.00	0.00240

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00247	-11.00	90.00	0.00255
-9.00	90.00	0.00265	9.00	90.00	0.00589
11.00	90.00	0.00590	13.00	90.00	0.00589
15.00	90.00	0.00584	17.00	90.00	0.00576

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00557	25.00	90.00	0.00515
30.00	90.00	0.00465	40.00	90.00	0.00366
50.00	90.00	0.00281	60.00	90.00	0.00216
70.00	90.00	0.00168	80.00	90.00	0.00133
90.00	90.00	0.00107	100.00	90.00	0.00088
-100.00	100.00	0.00053	-90.00	100.00	0.00063
-80.00	100.00	0.00075	-70.00	100.00	0.00091
-60.00	100.00	0.00110	-50.00	100.00	0.00133
-40.00	100.00	0.00161	-30.00	100.00	0.00190
-25.00	100.00	0.00204	-20.00	100.00	0.00219
-17.00	100.00	0.00228	-15.00	100.00	0.00234
-13.00	100.00	0.00240	-11.00	100.00	0.00247
-9.00	100.00	0.00255	9.00	100.00	0.00559
11.00	100.00	0.00557	13.00	100.00	0.00552
15.00	100.00	0.00543	17.00	100.00	0.00531
20.00	100.00	0.00507	25.00	100.00	0.00457
30.00	100.00	0.00403	40.00	100.00	0.00303
50.00	100.00	0.00226	60.00	100.00	0.00172
70.00	100.00	0.00134	80.00	100.00	0.00106
90.00	100.00	0.00086	100.00	100.00	0.00071
-100.00	110.00	0.00056	-90.00	110.00	0.00066
-80.00	110.00	0.00079	-70.00	110.00	0.00094
-60.00	110.00	0.00113	-50.00	110.00	0.00136
-40.00	110.00	0.00161	-30.00	110.00	0.00186
-25.00	110.00	0.00199	-20.00	110.00	0.00211
-17.00	110.00	0.00218	-15.00	110.00	0.00223
-13.00	110.00	0.00228	-11.00	110.00	0.00234
-9.00	110.00	0.00241	9.00	110.00	0.00511
11.00	110.00	0.00501	13.00	110.00	0.00490
15.00	110.00	0.00475	17.00	110.00	0.00457

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00425	25.00	110.00	0.00368
30.00	110.00	0.00312	40.00	110.00	0.00225
50.00	110.00	0.00166	60.00	110.00	0.00127
70.00	110.00	0.00100	80.00	110.00	0.00081
90.00	110.00	0.00066	100.00	110.00	0.00056
-100.00	120.00	0.00058	-90.00	120.00	0.00068
-80.00	120.00	0.00080	-70.00	120.00	0.00095
-60.00	120.00	0.00113	-50.00	120.00	0.00134
-40.00	120.00	0.00156	-30.00	120.00	0.00179
-25.00	120.00	0.00190	-20.00	120.00	0.00200

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00206	-15.00	120.00	0.00209
-13.00	120.00	0.00213	-11.00	120.00	0.00217
-9.00	120.00	0.00223	9.00	120.00	0.00422
11.00	120.00	0.00399	13.00	120.00	0.00376
15.00	120.00	0.00352	17.00	120.00	0.00327
20.00	120.00	0.00292	25.00	120.00	0.00241
30.00	120.00	0.00201	40.00	120.00	0.00146
50.00	120.00	0.00111	60.00	120.00	0.00088
70.00	120.00	0.00072	80.00	120.00	0.00060
90.00	120.00	0.00051	100.00	120.00	0.00044
-100.00	130.00	0.00058	-90.00	130.00	0.00068
-80.00	130.00	0.00079	-70.00	130.00	0.00093
-60.00	130.00	0.00109	-50.00	130.00	0.00127
-40.00	130.00	0.00147	-30.00	130.00	0.00167
-25.00	130.00	0.00176	-20.00	130.00	0.00185
-17.00	130.00	0.00189	-15.00	130.00	0.00192
-13.00	130.00	0.00194	-11.00	130.00	0.00196
-9.00	130.00	0.00199	9.00	130.00	0.00219
11.00	130.00	0.00194	13.00	130.00	0.00176
15.00	130.00	0.00163	17.00	130.00	0.00152
20.00	130.00	0.00139	25.00	130.00	0.00122
30.00	130.00	0.00108	40.00	130.00	0.00087
50.00	130.00	0.00072	60.00	130.00	0.00061
70.00	130.00	0.00052	80.00	130.00	0.00045

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00039	100.00	130.00	0.00034
-100.00	140.00	0.00057	-90.00	140.00	0.00066
-80.00	140.00	0.00076	-70.00	140.00	0.00088
-60.00	140.00	0.00102	-50.00	140.00	0.00116
-40.00	140.00	0.00131	-30.00	140.00	0.00146
-25.00	140.00	0.00152	-20.00	140.00	0.00156
-17.00	140.00	0.00157	-15.00	140.00	0.00156
-13.00	140.00	0.00154	-11.00	140.00	0.00150
-9.00	140.00	0.00143	9.00	140.00	0.00073
11.00	140.00	0.00072	13.00	140.00	0.00071
15.00	140.00	0.00071	17.00	140.00	0.00070
20.00	140.00	0.00068	25.00	140.00	0.00065
30.00	140.00	0.00061	40.00	140.00	0.00054
50.00	140.00	0.00048	60.00	140.00	0.00043
70.00	140.00	0.00038	80.00	140.00	0.00034
90.00	140.00	0.00030	100.00	140.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00055	-90.00	150.00	0.00063
-80.00	150.00	0.00072	-70.00	150.00	0.00082
-60.00	150.00	0.00092	-50.00	150.00	0.00103
-40.00	150.00	0.00112	-30.00	150.00	0.00117
-25.00	150.00	0.00116	-20.00	150.00	0.00111
-17.00	150.00	0.00105	-15.00	150.00	0.00100
-13.00	150.00	0.00093	-11.00	150.00	0.00087
-9.00	150.00	0.00080	9.00	150.00	0.00050
11.00	150.00	0.00049	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00046
20.00	150.00	0.00045	25.00	150.00	0.00043
30.00	150.00	0.00041	40.00	150.00	0.00038
50.00	150.00	0.00034	60.00	150.00	0.00031
70.00	150.00	0.00029	80.00	150.00	0.00026
90.00	150.00	0.00024	100.00	150.00	0.00022
-100.00	160.00	0.00053	-90.00	160.00	0.00059
-80.00	160.00	0.00066	-70.00	160.00	0.00074
-60.00	160.00	0.00081	-50.00	160.00	0.00086

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00089	-30.00	160.00	0.00084
-25.00	160.00	0.00079	-20.00	160.00	0.00071
-17.00	160.00	0.00065	-15.00	160.00	0.00062
-13.00	160.00	0.00058	-11.00	160.00	0.00055
-9.00	160.00	0.00052	9.00	160.00	0.00037
11.00	160.00	0.00037	13.00	160.00	0.00037
15.00	160.00	0.00036	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00031	40.00	160.00	0.00028
50.00	160.00	0.00026	60.00	160.00	0.00024
70.00	160.00	0.00023	80.00	160.00	0.00021
90.00	160.00	0.00019	100.00	160.00	0.00018
-100.00	170.00	0.00050	-90.00	170.00	0.00055
-80.00	170.00	0.00060	-70.00	170.00	0.00064
-60.00	170.00	0.00067	-50.00	170.00	0.00069
-40.00	170.00	0.00066	-30.00	170.00	0.00058
-25.00	170.00	0.00053	-20.00	170.00	0.00047
-17.00	170.00	0.00044	-15.00	170.00	0.00042
-13.00	170.00	0.00041	-11.00	170.00	0.00039
-9.00	170.00	0.00037	9.00	170.00	0.00029
11.00	170.00	0.00029	13.00	170.00	0.00029
15.00	170.00	0.00028	17.00	170.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00027	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00022
50.00	170.00	0.00021	60.00	170.00	0.00019
70.00	170.00	0.00018	80.00	170.00	0.00017
90.00	170.00	0.00016	100.00	170.00	0.00015
-100.00	180.00	0.00045	-90.00	180.00	0.00049
-80.00	180.00	0.00052	-70.00	180.00	0.00054
-60.00	180.00	0.00055	-50.00	180.00	0.00053
-40.00	180.00	0.00048	-30.00	180.00	0.00041
-25.00	180.00	0.00038	-20.00	180.00	0.00034
-17.00	180.00	0.00033	-15.00	180.00	0.00031
-13.00	180.00	0.00030	-11.00	180.00	0.00029

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00028	9.00	180.00	0.00022
11.00	180.00	0.00023	13.00	180.00	0.00023
15.00	180.00	0.00023	17.00	180.00	0.00023
20.00	180.00	0.00022	25.00	180.00	0.00022
30.00	180.00	0.00020	40.00	180.00	0.00018
50.00	180.00	0.00017	60.00	180.00	0.00016
70.00	180.00	0.00015	80.00	180.00	0.00014
90.00	180.00	0.00014	100.00	180.00	0.00013
-100.00	190.00	0.00041	-90.00	190.00	0.00043
-80.00	190.00	0.00044	-70.00	190.00	0.00044
-60.00	190.00	0.00043	-50.00	190.00	0.00040
-40.00	190.00	0.00035	-30.00	190.00	0.00030
-25.00	190.00	0.00028	-20.00	190.00	0.00026
-17.00	190.00	0.00025	-15.00	190.00	0.00024
-13.00	190.00	0.00023	-11.00	190.00	0.00023
-9.00	190.00	0.00022	9.00	190.00	0.00018
11.00	190.00	0.00018	13.00	190.00	0.00018
15.00	190.00	0.00019	17.00	190.00	0.00019
20.00	190.00	0.00019	25.00	190.00	0.00018
30.00	190.00	0.00017	40.00	190.00	0.00016
50.00	190.00	0.00014	60.00	190.00	0.00013
70.00	190.00	0.00013	80.00	190.00	0.00012
90.00	190.00	0.00012	100.00	190.00	0.00011
-100.00	200.00	0.00036	-90.00	200.00	0.00037
-80.00	200.00	0.00037	-70.00	200.00	0.00036
-60.00	200.00	0.00034	-50.00	200.00	0.00030
-40.00	200.00	0.00027	-30.00	200.00	0.00024
-25.00	200.00	0.00022	-20.00	200.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00020	-15.00	200.00	0.00019
-13.00	200.00	0.00019	-11.00	200.00	0.00018
-9.00	200.00	0.00017	9.00	200.00	0.00015
11.00	200.00	0.00015	13.00	200.00	0.00015
15.00	200.00	0.00015	17.00	200.00	0.00015
20.00	200.00	0.00015	25.00	200.00	0.00015

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00015	40.00	200.00	0.00014
50.00	200.00	0.00012	60.00	200.00	0.00011
70.00	200.00	0.00011	80.00	200.00	0.00010
90.00	200.00	0.00010	100.00	200.00	0.00009
-100.00	210.00	0.00031	-90.00	210.00	0.00031
-80.00	210.00	0.00030	-70.00	210.00	0.00029
-60.00	210.00	0.00026	-50.00	210.00	0.00024
-40.00	210.00	0.00021	-30.00	210.00	0.00019
-25.00	210.00	0.00018	-20.00	210.00	0.00017
-17.00	210.00	0.00016	-15.00	210.00	0.00016
-13.00	210.00	0.00015	-11.00	210.00	0.00015
-9.00	210.00	0.00014	9.00	210.00	0.00012
11.00	210.00	0.00012	13.00	210.00	0.00013
15.00	210.00	0.00013	17.00	210.00	0.00013
20.00	210.00	0.00013	25.00	210.00	0.00013
30.00	210.00	0.00013	40.00	210.00	0.00012
50.00	210.00	0.00011	60.00	210.00	0.00010
70.00	210.00	0.00009	80.00	210.00	0.00009
90.00	210.00	0.00008	100.00	210.00	0.00008
-100.00	220.00	0.00027	-90.00	220.00	0.00026
-80.00	220.00	0.00025	-70.00	220.00	0.00023
-60.00	220.00	0.00021	-50.00	220.00	0.00019
-40.00	220.00	0.00017	-30.00	220.00	0.00016
-25.00	220.00	0.00015	-20.00	220.00	0.00014
-17.00	220.00	0.00014	-15.00	220.00	0.00013
-13.00	220.00	0.00013	-11.00	220.00	0.00012
-9.00	220.00	0.00012	9.00	220.00	0.00010
11.00	220.00	0.00011	13.00	220.00	0.00011
15.00	220.00	0.00011	17.00	220.00	0.00011
20.00	220.00	0.00011	25.00	220.00	0.00011
30.00	220.00	0.00011	40.00	220.00	0.00011
50.00	220.00	0.00010	60.00	220.00	0.00009
70.00	220.00	0.00008	80.00	220.00	0.00008
90.00	220.00	0.00007	100.00	220.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----					

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00023	-90.00	230.00	0.00022
-80.00	230.00	0.00020	-70.00	230.00	0.00019
-60.00	230.00	0.00017	-50.00	230.00	0.00016
-40.00	230.00	0.00014	-30.00	230.00	0.00013
-25.00	230.00	0.00013	-20.00	230.00	0.00012
-17.00	230.00	0.00011	-15.00	230.00	0.00011
-13.00	230.00	0.00011	-11.00	230.00	0.00011
-9.00	230.00	0.00010	9.00	230.00	0.00009
11.00	230.00	0.00009	13.00	230.00	0.00009
15.00	230.00	0.00009	17.00	230.00	0.00009
20.00	230.00	0.00009	25.00	230.00	0.00010
30.00	230.00	0.00010	40.00	230.00	0.00009
50.00	230.00	0.00009	60.00	230.00	0.00008
70.00	230.00	0.00007	80.00	230.00	0.00007
90.00	230.00	0.00007	100.00	230.00	0.00006
-100.00	240.00	0.00019	-90.00	240.00	0.00018
-80.00	240.00	0.00017	-70.00	240.00	0.00016
-60.00	240.00	0.00014	-50.00	240.00	0.00013
-40.00	240.00	0.00012	-30.00	240.00	0.00011
-25.00	240.00	0.00011	-20.00	240.00	0.00010
-17.00	240.00	0.00010	-15.00	240.00	0.00010
-13.00	240.00	0.00009	-11.00	240.00	0.00009
-9.00	240.00	0.00009	9.00	240.00	0.00008
11.00	240.00	0.00008	13.00	240.00	0.00008
15.00	240.00	0.00008	17.00	240.00	0.00008
20.00	240.00	0.00008	25.00	240.00	0.00008
30.00	240.00	0.00008	40.00	240.00	0.00008
50.00	240.00	0.00008	60.00	240.00	0.00007
70.00	240.00	0.00007	80.00	240.00	0.00006
90.00	240.00	0.00006	100.00	240.00	0.00006
-100.00	250.00	0.00016	-90.00	250.00	0.00015
-80.00	250.00	0.00014	-70.00	250.00	0.00013
-60.00	250.00	0.00012	-50.00	250.00	0.00011
-40.00	250.00	0.00010	-30.00	250.00	0.00010
-25.00	250.00	0.00009	-20.00	250.00	0.00009
-17.00	250.00	0.00008	-15.00	250.00	0.00008
-13.00	250.00	0.00008	-11.00	250.00	0.00008
-9.00	250.00	0.00008	9.00	250.00	0.00007
11.00	250.00	0.00007	13.00	250.00	0.00007
15.00	250.00	0.00007	17.00	250.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00007	25.00	250.00	0.00007
30.00	250.00	0.00007	40.00	250.00	0.00007
50.00	250.00	0.00007	60.00	250.00	0.00007
70.00	250.00	0.00006	80.00	250.00	0.00006
90.00	250.00	0.00005	100.00	250.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 09:58:54  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00009	-90.00	-250.00	0.00009
-80.00	-250.00	0.00009	-70.00	-250.00	0.00009
-60.00	-250.00	0.00010	-50.00	-250.00	0.00010
-40.00	-250.00	0.00011	-30.00	-250.00	0.00012
-25.00	-250.00	0.00012	-20.00	-250.00	0.00012
-17.00	-250.00	0.00013	-15.00	-250.00	0.00013
-13.00	-250.00	0.00013	-11.00	-250.00	0.00013
-9.00	-250.00	0.00013	9.00	-250.00	0.00015
11.00	-250.00	0.00015	13.00	-250.00	0.00015
15.00	-250.00	0.00015	17.00	-250.00	0.00016
20.00	-250.00	0.00016	25.00	-250.00	0.00016
30.00	-250.00	0.00017	40.00	-250.00	0.00018
50.00	-250.00	0.00020	60.00	-250.00	0.00021
70.00	-250.00	0.00022	80.00	-250.00	0.00024
90.00	-250.00	0.00025	100.00	-250.00	0.00027
-100.00	-240.00	0.00009	-90.00	-240.00	0.00010
-80.00	-240.00	0.00010	-70.00	-240.00	0.00010
-60.00	-240.00	0.00010	-50.00	-240.00	0.00011
-40.00	-240.00	0.00012	-30.00	-240.00	0.00012
-25.00	-240.00	0.00013	-20.00	-240.00	0.00013
-17.00	-240.00	0.00014	-15.00	-240.00	0.00014
-13.00	-240.00	0.00014	-11.00	-240.00	0.00014
-9.00	-240.00	0.00014	9.00	-240.00	0.00016

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00016	13.00	-240.00	0.00017
15.00	-240.00	0.00017	17.00	-240.00	0.00017
20.00	-240.00	0.00017	25.00	-240.00	0.00018
30.00	-240.00	0.00019	40.00	-240.00	0.00020
50.00	-240.00	0.00022	60.00	-240.00	0.00023
70.00	-240.00	0.00025	80.00	-240.00	0.00026
90.00	-240.00	0.00028	100.00	-240.00	0.00029
-100.00	-230.00	0.00010	-90.00	-230.00	0.00010
-80.00	-230.00	0.00011	-70.00	-230.00	0.00011
-60.00	-230.00	0.00011	-50.00	-230.00	0.00012
-40.00	-230.00	0.00012	-30.00	-230.00	0.00013
-25.00	-230.00	0.00014	-20.00	-230.00	0.00014
-17.00	-230.00	0.00015	-15.00	-230.00	0.00015
-13.00	-230.00	0.00015	-11.00	-230.00	0.00015
-9.00	-230.00	0.00015	9.00	-230.00	0.00018
11.00	-230.00	0.00018	13.00	-230.00	0.00018
15.00	-230.00	0.00018	17.00	-230.00	0.00018

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00019	25.00	-230.00	0.00020
30.00	-230.00	0.00020	40.00	-230.00	0.00022
50.00	-230.00	0.00024	60.00	-230.00	0.00026
70.00	-230.00	0.00027	80.00	-230.00	0.00029
90.00	-230.00	0.00031	100.00	-230.00	0.00032
-100.00	-220.00	0.00010	-90.00	-220.00	0.00011
-80.00	-220.00	0.00011	-70.00	-220.00	0.00012
-60.00	-220.00	0.00012	-50.00	-220.00	0.00013
-40.00	-220.00	0.00013	-30.00	-220.00	0.00014
-25.00	-220.00	0.00015	-20.00	-220.00	0.00015
-17.00	-220.00	0.00016	-15.00	-220.00	0.00016
-13.00	-220.00	0.00016	-11.00	-220.00	0.00017
-9.00	-220.00	0.00017	9.00	-220.00	0.00019
11.00	-220.00	0.00019	13.00	-220.00	0.00020
15.00	-220.00	0.00020	17.00	-220.00	0.00020
20.00	-220.00	0.00021	25.00	-220.00	0.00021
30.00	-220.00	0.00022	40.00	-220.00	0.00024



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00014	-70.00	-190.00	0.00015
-60.00	-190.00	0.00015	-50.00	-190.00	0.00016
-40.00	-190.00	0.00017	-30.00	-190.00	0.00018
-25.00	-190.00	0.00019	-20.00	-190.00	0.00020
-17.00	-190.00	0.00020	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00021
-9.00	-190.00	0.00022	9.00	-190.00	0.00025
11.00	-190.00	0.00026	13.00	-190.00	0.00026
15.00	-190.00	0.00027	17.00	-190.00	0.00027
20.00	-190.00	0.00028	25.00	-190.00	0.00029
30.00	-190.00	0.00031	40.00	-190.00	0.00034
50.00	-190.00	0.00037	60.00	-190.00	0.00040
70.00	-190.00	0.00043	80.00	-190.00	0.00046
90.00	-190.00	0.00048	100.00	-190.00	0.00050
-100.00	-180.00	0.00013	-90.00	-180.00	0.00014
-80.00	-180.00	0.00015	-70.00	-180.00	0.00016
-60.00	-180.00	0.00017	-50.00	-180.00	0.00017
-40.00	-180.00	0.00018	-30.00	-180.00	0.00020
-25.00	-180.00	0.00021	-20.00	-180.00	0.00021
-17.00	-180.00	0.00022	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00023
-9.00	-180.00	0.00024	9.00	-180.00	0.00028
11.00	-180.00	0.00029	13.00	-180.00	0.00029
15.00	-180.00	0.00030	17.00	-180.00	0.00030
20.00	-180.00	0.00031	25.00	-180.00	0.00033
30.00	-180.00	0.00034	40.00	-180.00	0.00038
50.00	-180.00	0.00042	60.00	-180.00	0.00046
70.00	-180.00	0.00049	80.00	-180.00	0.00052
90.00	-180.00	0.00054	100.00	-180.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00014	-90.00	-170.00	0.00015
-80.00	-170.00	0.00016	-70.00	-170.00	0.00017
-60.00	-170.00	0.00018	-50.00	-170.00	0.00019
-40.00	-170.00	0.00020	-30.00	-170.00	0.00022
-25.00	-170.00	0.00022	-20.00	-170.00	0.00024

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00024	-15.00	-170.00	0.00025
-13.00	-170.00	0.00025	-11.00	-170.00	0.00026
-9.00	-170.00	0.00026	9.00	-170.00	0.00031
11.00	-170.00	0.00032	13.00	-170.00	0.00033
15.00	-170.00	0.00033	17.00	-170.00	0.00034
20.00	-170.00	0.00035	25.00	-170.00	0.00037
30.00	-170.00	0.00039	40.00	-170.00	0.00044
50.00	-170.00	0.00048	60.00	-170.00	0.00053
70.00	-170.00	0.00056	80.00	-170.00	0.00059
90.00	-170.00	0.00061	100.00	-170.00	0.00063
-100.00	-160.00	0.00015	-90.00	-160.00	0.00016
-80.00	-160.00	0.00017	-70.00	-160.00	0.00019
-60.00	-160.00	0.00020	-50.00	-160.00	0.00021
-40.00	-160.00	0.00022	-30.00	-160.00	0.00024
-25.00	-160.00	0.00025	-20.00	-160.00	0.00026
-17.00	-160.00	0.00027	-15.00	-160.00	0.00027
-13.00	-160.00	0.00028	-11.00	-160.00	0.00029
-9.00	-160.00	0.00029	9.00	-160.00	0.00035
11.00	-160.00	0.00036	13.00	-160.00	0.00037
15.00	-160.00	0.00038	17.00	-160.00	0.00039
20.00	-160.00	0.00040	25.00	-160.00	0.00042
30.00	-160.00	0.00045	40.00	-160.00	0.00050
50.00	-160.00	0.00056	60.00	-160.00	0.00061
70.00	-160.00	0.00065	80.00	-160.00	0.00068
90.00	-160.00	0.00070	100.00	-160.00	0.00071
-100.00	-150.00	0.00015	-90.00	-150.00	0.00017
-80.00	-150.00	0.00019	-70.00	-150.00	0.00020
-60.00	-150.00	0.00022	-50.00	-150.00	0.00023
-40.00	-150.00	0.00024	-30.00	-150.00	0.00026
-25.00	-150.00	0.00027	-20.00	-150.00	0.00029
-17.00	-150.00	0.00030	-15.00	-150.00	0.00031
-13.00	-150.00	0.00031	-11.00	-150.00	0.00032
-9.00	-150.00	0.00033	9.00	-150.00	0.00040
11.00	-150.00	0.00041	13.00	-150.00	0.00042
15.00	-150.00	0.00043	17.00	-150.00	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 09:58:54  
 \*\*MODELOPTs:  
 PAGE 67      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00046	25.00	-150.00	0.00049
30.00	-150.00	0.00052	40.00	-150.00	0.00059
50.00	-150.00	0.00065	60.00	-150.00	0.00071
70.00	-150.00	0.00075	80.00	-150.00	0.00078
90.00	-150.00	0.00080	100.00	-150.00	0.00080
-100.00	-140.00	0.00016	-90.00	-140.00	0.00018
-80.00	-140.00	0.00020	-70.00	-140.00	0.00022
-60.00	-140.00	0.00024	-50.00	-140.00	0.00026
-40.00	-140.00	0.00027	-30.00	-140.00	0.00029
-25.00	-140.00	0.00030	-20.00	-140.00	0.00032
-17.00	-140.00	0.00033	-15.00	-140.00	0.00034
-13.00	-140.00	0.00035	-11.00	-140.00	0.00036
-9.00	-140.00	0.00037	9.00	-140.00	0.00046
11.00	-140.00	0.00047	13.00	-140.00	0.00048
15.00	-140.00	0.00050	17.00	-140.00	0.00051
20.00	-140.00	0.00053	25.00	-140.00	0.00057
30.00	-140.00	0.00061	40.00	-140.00	0.00069
50.00	-140.00	0.00077	60.00	-140.00	0.00084
70.00	-140.00	0.00088	80.00	-140.00	0.00091
90.00	-140.00	0.00091	100.00	-140.00	0.00091
-100.00	-130.00	0.00017	-90.00	-130.00	0.00019
-80.00	-130.00	0.00021	-70.00	-130.00	0.00024
-60.00	-130.00	0.00026	-50.00	-130.00	0.00029
-40.00	-130.00	0.00031	-30.00	-130.00	0.00033
-25.00	-130.00	0.00034	-20.00	-130.00	0.00036
-17.00	-130.00	0.00037	-15.00	-130.00	0.00038
-13.00	-130.00	0.00039	-11.00	-130.00	0.00041
-9.00	-130.00	0.00042	9.00	-130.00	0.00053
11.00	-130.00	0.00055	13.00	-130.00	0.00056
15.00	-130.00	0.00058	17.00	-130.00	0.00060
20.00	-130.00	0.00063	25.00	-130.00	0.00068
30.00	-130.00	0.00073	40.00	-130.00	0.00083
50.00	-130.00	0.00092	60.00	-130.00	0.00099
70.00	-130.00	0.00103	80.00	-130.00	0.00105
90.00	-130.00	0.00105	100.00	-130.00	0.00103
-100.00	-120.00	0.00018	-90.00	-120.00	0.00020
-80.00	-120.00	0.00023	-70.00	-120.00	0.00025
-60.00	-120.00	0.00029	-50.00	-120.00	0.00032
-40.00	-120.00	0.00034	-30.00	-120.00	0.00037
-25.00	-120.00	0.00039	-20.00	-120.00	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00042	-15.00	-120.00	0.00043
-13.00	-120.00	0.00045	-11.00	-120.00	0.00046
-9.00	-120.00	0.00047	9.00	-120.00	0.00062
11.00	-120.00	0.00064	13.00	-120.00	0.00067
15.00	-120.00	0.00069	17.00	-120.00	0.00071
20.00	-120.00	0.00075	25.00	-120.00	0.00081
30.00	-120.00	0.00088	40.00	-120.00	0.00101
50.00	-120.00	0.00112	60.00	-120.00	0.00119
70.00	-120.00	0.00122	80.00	-120.00	0.00123
90.00	-120.00	0.00120	100.00	-120.00	0.00116
-100.00	-110.00	0.00019	-90.00	-110.00	0.00021
-80.00	-110.00	0.00024	-70.00	-110.00	0.00027
-60.00	-110.00	0.00031	-50.00	-110.00	0.00035
-40.00	-110.00	0.00039	-30.00	-110.00	0.00042
-25.00	-110.00	0.00044	-20.00	-110.00	0.00046
-17.00	-110.00	0.00048	-15.00	-110.00	0.00049
-13.00	-110.00	0.00051	-11.00	-110.00	0.00053
-9.00	-110.00	0.00054	9.00	-110.00	0.00074
11.00	-110.00	0.00077	13.00	-110.00	0.00080
15.00	-110.00	0.00083	17.00	-110.00	0.00086
20.00	-110.00	0.00091	25.00	-110.00	0.00100
30.00	-110.00	0.00109	40.00	-110.00	0.00125
50.00	-110.00	0.00137	60.00	-110.00	0.00143
70.00	-110.00	0.00145	80.00	-110.00	0.00142
90.00	-110.00	0.00137	100.00	-110.00	0.00129
-100.00	-100.00	0.00021	-90.00	-100.00	0.00023
-80.00	-100.00	0.00026	-70.00	-100.00	0.00029
-60.00	-100.00	0.00033	-50.00	-100.00	0.00038
-40.00	-100.00	0.00043	-30.00	-100.00	0.00048
-25.00	-100.00	0.00050	-20.00	-100.00	0.00053
-17.00	-100.00	0.00055	-15.00	-100.00	0.00057
-13.00	-100.00	0.00058	-11.00	-100.00	0.00061
-9.00	-100.00	0.00063	9.00	-100.00	0.00089
11.00	-100.00	0.00093	13.00	-100.00	0.00098
15.00	-100.00	0.00102	17.00	-100.00	0.00107
20.00	-100.00	0.00114	25.00	-100.00	0.00126
30.00	-100.00	0.00138	40.00	-100.00	0.00157

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00169	60.00	-100.00	0.00174
70.00	-100.00	0.00171	80.00	-100.00	0.00164
90.00	-100.00	0.00153	100.00	-100.00	0.00141

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00022	-90.00	-90.00	0.00025
-80.00	-90.00	0.00028	-70.00	-90.00	0.00032
-60.00	-90.00	0.00036	-50.00	-90.00	0.00042
-40.00	-90.00	0.00048	-30.00	-90.00	0.00055
-25.00	-90.00	0.00058	-20.00	-90.00	0.00061
-17.00	-90.00	0.00064	-15.00	-90.00	0.00065
-13.00	-90.00	0.00068	-11.00	-90.00	0.00070
-9.00	-90.00	0.00073	9.00	-90.00	0.00110
11.00	-90.00	0.00116	13.00	-90.00	0.00122
15.00	-90.00	0.00129	17.00	-90.00	0.00136
20.00	-90.00	0.00146	25.00	-90.00	0.00163
30.00	-90.00	0.00179	40.00	-90.00	0.00201
50.00	-90.00	0.00211	60.00	-90.00	0.00209
70.00	-90.00	0.00199	80.00	-90.00	0.00185
90.00	-90.00	0.00169	100.00	-90.00	0.00153
-100.00	-80.00	0.00024	-90.00	-80.00	0.00027
-80.00	-80.00	0.00030	-70.00	-80.00	0.00035
-60.00	-80.00	0.00040	-50.00	-80.00	0.00046
-40.00	-80.00	0.00053	-30.00	-80.00	0.00062
-25.00	-80.00	0.00066	-20.00	-80.00	0.00071
-17.00	-80.00	0.00074	-15.00	-80.00	0.00076
-13.00	-80.00	0.00078	-11.00	-80.00	0.00081
-9.00	-80.00	0.00085	9.00	-80.00	0.00140
11.00	-80.00	0.00149	13.00	-80.00	0.00159
15.00	-80.00	0.00170	17.00	-80.00	0.00180
20.00	-80.00	0.00195	25.00	-80.00	0.00219
30.00	-80.00	0.00238	40.00	-80.00	0.00260
50.00	-80.00	0.00260	60.00	-80.00	0.00247
70.00	-80.00	0.00227	80.00	-80.00	0.00204
90.00	-80.00	0.00182	100.00	-80.00	0.00162
-100.00	-70.00	0.00026	-90.00	-70.00	0.00030



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00033	-70.00	-70.00	0.00038
-60.00	-70.00	0.00044	-50.00	-70.00	0.00051
-40.00	-70.00	0.00059	-30.00	-70.00	0.00069
-25.00	-70.00	0.00075	-20.00	-70.00	0.00081
-17.00	-70.00	0.00085	-15.00	-70.00	0.00088
-13.00	-70.00	0.00091	-11.00	-70.00	0.00095
-9.00	-70.00	0.00099	9.00	-70.00	0.00186
11.00	-70.00	0.00202	13.00	-70.00	0.00219
15.00	-70.00	0.00235	17.00	-70.00	0.00252

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00274	25.00	-70.00	0.00304
30.00	-70.00	0.00323	40.00	-70.00	0.00331
50.00	-70.00	0.00312	60.00	-70.00	0.00283
70.00	-70.00	0.00251	80.00	-70.00	0.00220
90.00	-70.00	0.00192	100.00	-70.00	0.00167
-100.00	-60.00	0.00029	-90.00	-60.00	0.00033
-80.00	-60.00	0.00037	-70.00	-60.00	0.00042
-60.00	-60.00	0.00049	-50.00	-60.00	0.00057
-40.00	-60.00	0.00066	-30.00	-60.00	0.00078
-25.00	-60.00	0.00084	-20.00	-60.00	0.00092
-17.00	-60.00	0.00097	-15.00	-60.00	0.00101
-13.00	-60.00	0.00106	-11.00	-60.00	0.00111
-9.00	-60.00	0.00116	9.00	-60.00	0.00272
11.00	-60.00	0.00301	13.00	-60.00	0.00328
15.00	-60.00	0.00354	17.00	-60.00	0.00376
20.00	-60.00	0.00401	25.00	-60.00	0.00424
30.00	-60.00	0.00427	40.00	-60.00	0.00401
50.00	-60.00	0.00357	60.00	-60.00	0.00310
70.00	-60.00	0.00266	80.00	-60.00	0.00228
90.00	-60.00	0.00195	100.00	-60.00	0.00166
-100.00	-50.00	0.00033	-90.00	-50.00	0.00037
-80.00	-50.00	0.00042	-70.00	-50.00	0.00048
-60.00	-50.00	0.00055	-50.00	-50.00	0.00065
-40.00	-50.00	0.00076	-30.00	-50.00	0.00089
-25.00	-50.00	0.00097	-20.00	-50.00	0.00106

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00112	-15.00	-50.00	0.00117
-13.00	-50.00	0.00122	-11.00	-50.00	0.00129
-9.00	-50.00	0.00137	9.00	-50.00	0.00469
11.00	-50.00	0.00501	13.00	-50.00	0.00522
15.00	-50.00	0.00536	17.00	-50.00	0.00544
20.00	-50.00	0.00547	25.00	-50.00	0.00535
30.00	-50.00	0.00511	40.00	-50.00	0.00448
50.00	-50.00	0.00382	60.00	-50.00	0.00323
70.00	-50.00	0.00271	80.00	-50.00	0.00228
90.00	-50.00	0.00191	100.00	-50.00	0.00161
-100.00	-40.00	0.00036	-90.00	-40.00	0.00041
-80.00	-40.00	0.00047	-70.00	-40.00	0.00055
-60.00	-40.00	0.00064	-50.00	-40.00	0.00075
-40.00	-40.00	0.00090	-30.00	-40.00	0.00108
-25.00	-40.00	0.00118	-20.00	-40.00	0.00131

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00141	-15.00	-40.00	0.00148
-13.00	-40.00	0.00158	-11.00	-40.00	0.00171
-9.00	-40.00	0.00188	9.00	-40.00	0.00607
11.00	-40.00	0.00613	13.00	-40.00	0.00618
15.00	-40.00	0.00619	17.00	-40.00	0.00617
20.00	-40.00	0.00608	25.00	-40.00	0.00580
30.00	-40.00	0.00544	40.00	-40.00	0.00465
50.00	-40.00	0.00388	60.00	-40.00	0.00322
70.00	-40.00	0.00266	80.00	-40.00	0.00220
90.00	-40.00	0.00182	100.00	-40.00	0.00152
-100.00	-30.00	0.00040	-90.00	-30.00	0.00046
-80.00	-30.00	0.00053	-70.00	-30.00	0.00062
-60.00	-30.00	0.00073	-50.00	-30.00	0.00087
-40.00	-30.00	0.00106	-30.00	-30.00	0.00132
-25.00	-30.00	0.00150	-20.00	-30.00	0.00171
-17.00	-30.00	0.00187	-15.00	-30.00	0.00199
-13.00	-30.00	0.00213	-11.00	-30.00	0.00227
-9.00	-30.00	0.00245	9.00	-30.00	0.00618
11.00	-30.00	0.00625	13.00	-30.00	0.00629

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00630	17.00	-30.00	0.00627
20.00	-30.00	0.00616	25.00	-30.00	0.00586
30.00	-30.00	0.00546	40.00	-30.00	0.00460
50.00	-30.00	0.00379	60.00	-30.00	0.00309
70.00	-30.00	0.00252	80.00	-30.00	0.00205
90.00	-30.00	0.00168	100.00	-30.00	0.00139
-100.00	-20.00	0.00044	-90.00	-20.00	0.00050
-80.00	-20.00	0.00059	-70.00	-20.00	0.00069
-60.00	-20.00	0.00083	-50.00	-20.00	0.00101
-40.00	-20.00	0.00125	-30.00	-20.00	0.00160
-25.00	-20.00	0.00182	-20.00	-20.00	0.00205
-17.00	-20.00	0.00220	-15.00	-20.00	0.00230
-13.00	-20.00	0.00240	-11.00	-20.00	0.00251
-9.00	-20.00	0.00264	9.00	-20.00	0.00617
11.00	-20.00	0.00622	13.00	-20.00	0.00625
15.00	-20.00	0.00625	17.00	-20.00	0.00621
20.00	-20.00	0.00608	25.00	-20.00	0.00575
30.00	-20.00	0.00533	40.00	-20.00	0.00442
50.00	-20.00	0.00358	60.00	-20.00	0.00287
70.00	-20.00	0.00230	80.00	-20.00	0.00185
90.00	-20.00	0.00150	100.00	-20.00	0.00123

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00047	-90.00	-10.00	0.00055
-80.00	-10.00	0.00065	-70.00	-10.00	0.00077
-60.00	-10.00	0.00093	-50.00	-10.00	0.00115
-40.00	-10.00	0.00143	-30.00	-10.00	0.00179
-25.00	-10.00	0.00200	-20.00	-10.00	0.00220
-17.00	-10.00	0.00232	-15.00	-10.00	0.00240
-13.00	-10.00	0.00249	-11.00	-10.00	0.00257
-9.00	-10.00	0.00268	9.00	-10.00	0.00607
11.00	-10.00	0.00611	13.00	-10.00	0.00612
15.00	-10.00	0.00610	17.00	-10.00	0.00604
20.00	-10.00	0.00589	25.00	-10.00	0.00552
30.00	-10.00	0.00507	40.00	-10.00	0.00411
50.00	-10.00	0.00325	60.00	-10.00	0.00255

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00201	80.00	-10.00	0.00160
90.00	-10.00	0.00129	100.00	-10.00	0.00106
-100.00	0.00	0.00050	-90.00	0.00	0.00059
-80.00	0.00	0.00070	-70.00	0.00	0.00085
-60.00	0.00	0.00103	-50.00	0.00	0.00126
-40.00	0.00	0.00155	-30.00	0.00	0.00188
-25.00	0.00	0.00206	-20.00	0.00	0.00223
-17.00	0.00	0.00233	-15.00	0.00	0.00240
-13.00	0.00	0.00247	-11.00	0.00	0.00255
-9.00	0.00	0.00265	9.00	0.00	0.00589
11.00	0.00	0.00590	13.00	0.00	0.00589
15.00	0.00	0.00584	17.00	0.00	0.00576
20.00	0.00	0.00557	25.00	0.00	0.00515
30.00	0.00	0.00465	40.00	0.00	0.00366
50.00	0.00	0.00281	60.00	0.00	0.00216
70.00	0.00	0.00168	80.00	0.00	0.00133
90.00	0.00	0.00107	100.00	0.00	0.00088
-100.00	10.00	0.00053	-90.00	10.00	0.00063
-80.00	10.00	0.00075	-70.00	10.00	0.00091
-60.00	10.00	0.00110	-50.00	10.00	0.00133
-40.00	10.00	0.00161	-30.00	10.00	0.00190
-25.00	10.00	0.00204	-20.00	10.00	0.00219
-17.00	10.00	0.00228	-15.00	10.00	0.00234
-13.00	10.00	0.00240	-11.00	10.00	0.00247
-9.00	10.00	0.00255	9.00	10.00	0.00559
11.00	10.00	0.00557	13.00	10.00	0.00552
15.00	10.00	0.00543	17.00	10.00	0.00531

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00507	25.00	10.00	0.00457
30.00	10.00	0.00403	40.00	10.00	0.00303
50.00	10.00	0.00226	60.00	10.00	0.00172
70.00	10.00	0.00134	80.00	10.00	0.00106
90.00	10.00	0.00086	100.00	10.00	0.00071
-100.00	20.00	0.00056	-90.00	20.00	0.00066
-80.00	20.00	0.00079	-70.00	20.00	0.00094

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00113	-50.00	20.00	0.00136
-40.00	20.00	0.00161	-30.00	20.00	0.00186
-25.00	20.00	0.00199	-20.00	20.00	0.00211
-17.00	20.00	0.00218	-15.00	20.00	0.00223
-13.00	20.00	0.00228	-11.00	20.00	0.00234
-9.00	20.00	0.00241	9.00	20.00	0.00511
11.00	20.00	0.00501	13.00	20.00	0.00490
15.00	20.00	0.00475	17.00	20.00	0.00457
20.00	20.00	0.00425	25.00	20.00	0.00368
30.00	20.00	0.00312	40.00	20.00	0.00225
50.00	20.00	0.00166	60.00	20.00	0.00127
70.00	20.00	0.00100	80.00	20.00	0.00081
90.00	20.00	0.00066	100.00	20.00	0.00056
-100.00	30.00	0.00058	-90.00	30.00	0.00068
-80.00	30.00	0.00080	-70.00	30.00	0.00095
-60.00	30.00	0.00113	-50.00	30.00	0.00134
-40.00	30.00	0.00156	-30.00	30.00	0.00179
-25.00	30.00	0.00190	-20.00	30.00	0.00200
-17.00	30.00	0.00206	-15.00	30.00	0.00209
-13.00	30.00	0.00213	-11.00	30.00	0.00217
-9.00	30.00	0.00223	9.00	30.00	0.00422
11.00	30.00	0.00399	13.00	30.00	0.00376
15.00	30.00	0.00352	17.00	30.00	0.00327
20.00	30.00	0.00292	25.00	30.00	0.00241
30.00	30.00	0.00201	40.00	30.00	0.00146
50.00	30.00	0.00111	60.00	30.00	0.00088
70.00	30.00	0.00072	80.00	30.00	0.00060
90.00	30.00	0.00051	100.00	30.00	0.00044
-100.00	40.00	0.00058	-90.00	40.00	0.00068
-80.00	40.00	0.00079	-70.00	40.00	0.00093
-60.00	40.00	0.00109	-50.00	40.00	0.00127
-40.00	40.00	0.00147	-30.00	40.00	0.00167
-25.00	40.00	0.00176	-20.00	40.00	0.00185

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00189	-15.00	40.00	0.00192

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00194	-11.00	40.00	0.00196
-9.00	40.00	0.00199	9.00	40.00	0.00219
11.00	40.00	0.00194	13.00	40.00	0.00176
15.00	40.00	0.00163	17.00	40.00	0.00152
20.00	40.00	0.00139	25.00	40.00	0.00122
30.00	40.00	0.00108	40.00	40.00	0.00087
50.00	40.00	0.00072	60.00	40.00	0.00061
70.00	40.00	0.00052	80.00	40.00	0.00045
90.00	40.00	0.00039	100.00	40.00	0.00034
-100.00	50.00	0.00057	-90.00	50.00	0.00066
-80.00	50.00	0.00076	-70.00	50.00	0.00088
-60.00	50.00	0.00102	-50.00	50.00	0.00116
-40.00	50.00	0.00131	-30.00	50.00	0.00146
-25.00	50.00	0.00152	-20.00	50.00	0.00156
-17.00	50.00	0.00157	-15.00	50.00	0.00156
-13.00	50.00	0.00154	-11.00	50.00	0.00150
-9.00	50.00	0.00143	9.00	50.00	0.00073
11.00	50.00	0.00072	13.00	50.00	0.00071
15.00	50.00	0.00071	17.00	50.00	0.00070
20.00	50.00	0.00068	25.00	50.00	0.00065
30.00	50.00	0.00061	40.00	50.00	0.00054
50.00	50.00	0.00048	60.00	50.00	0.00043
70.00	50.00	0.00038	80.00	50.00	0.00034
90.00	50.00	0.00030	100.00	50.00	0.00027
-100.00	60.00	0.00055	-90.00	60.00	0.00063
-80.00	60.00	0.00072	-70.00	60.00	0.00082
-60.00	60.00	0.00092	-50.00	60.00	0.00103
-40.00	60.00	0.00112	-30.00	60.00	0.00117
-25.00	60.00	0.00116	-20.00	60.00	0.00111
-17.00	60.00	0.00105	-15.00	60.00	0.00100
-13.00	60.00	0.00093	-11.00	60.00	0.00087
-9.00	60.00	0.00080	9.00	60.00	0.00050
11.00	60.00	0.00049	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00046
20.00	60.00	0.00045	25.00	60.00	0.00043
30.00	60.00	0.00041	40.00	60.00	0.00038
50.00	60.00	0.00034	60.00	60.00	0.00031
70.00	60.00	0.00029	80.00	60.00	0.00026
90.00	60.00	0.00024	100.00	60.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00053	-90.00	70.00	0.00059	
-80.00	70.00	0.00066	-70.00	70.00	0.00074	
-60.00	70.00	0.00081	-50.00	70.00	0.00086	
-40.00	70.00	0.00089	-30.00	70.00	0.00084	
-25.00	70.00	0.00079	-20.00	70.00	0.00071	
-17.00	70.00	0.00065	-15.00	70.00	0.00062	
-13.00	70.00	0.00058	-11.00	70.00	0.00055	
-9.00	70.00	0.00052	9.00	70.00	0.00037	
11.00	70.00	0.00037	13.00	70.00	0.00037	
15.00	70.00	0.00036	17.00	70.00	0.00035	
20.00	70.00	0.00034	25.00	70.00	0.00033	
30.00	70.00	0.00031	40.00	70.00	0.00028	
50.00	70.00	0.00026	60.00	70.00	0.00024	
70.00	70.00	0.00023	80.00	70.00	0.00021	
90.00	70.00	0.00019	100.00	70.00	0.00018	
-100.00	80.00	0.00050	-90.00	80.00	0.00055	
-80.00	80.00	0.00060	-70.00	80.00	0.00064	
-60.00	80.00	0.00067	-50.00	80.00	0.00069	
-40.00	80.00	0.00066	-30.00	80.00	0.00058	
-25.00	80.00	0.00053	-20.00	80.00	0.00047	
-17.00	80.00	0.00044	-15.00	80.00	0.00042	
-13.00	80.00	0.00041	-11.00	80.00	0.00039	
-9.00	80.00	0.00037	9.00	80.00	0.00029	
11.00	80.00	0.00029	13.00	80.00	0.00029	
15.00	80.00	0.00028	17.00	80.00	0.00028	
20.00	80.00	0.00027	25.00	80.00	0.00026	
30.00	80.00	0.00025	40.00	80.00	0.00022	
50.00	80.00	0.00021	60.00	80.00	0.00019	
70.00	80.00	0.00018	80.00	80.00	0.00017	
90.00	80.00	0.00016	100.00	80.00	0.00015	
-100.00	90.00	0.00045	-90.00	90.00	0.00049	
-80.00	90.00	0.00052	-70.00	90.00	0.00054	
-60.00	90.00	0.00055	-50.00	90.00	0.00053	
-40.00	90.00	0.00048	-30.00	90.00	0.00041	
-25.00	90.00	0.00038	-20.00	90.00	0.00034	
-17.00	90.00	0.00033	-15.00	90.00	0.00031	
-13.00	90.00	0.00030	-11.00	90.00	0.00029	
-9.00	90.00	0.00028	9.00	90.00	0.00022	
11.00	90.00	0.00023	13.00	90.00	0.00023	

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00 90.00 0.00023 17.00 90.00 0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00022	25.00	90.00	0.00022
30.00	90.00	0.00020	40.00	90.00	0.00018
50.00	90.00	0.00017	60.00	90.00	0.00016
70.00	90.00	0.00015	80.00	90.00	0.00014
90.00	90.00	0.00014	100.00	90.00	0.00013
-100.00	100.00	0.00041	-90.00	100.00	0.00043
-80.00	100.00	0.00044	-70.00	100.00	0.00044
-60.00	100.00	0.00043	-50.00	100.00	0.00040
-40.00	100.00	0.00035	-30.00	100.00	0.00030
-25.00	100.00	0.00028	-20.00	100.00	0.00026
-17.00	100.00	0.00025	-15.00	100.00	0.00024
-13.00	100.00	0.00023	-11.00	100.00	0.00023
-9.00	100.00	0.00022	9.00	100.00	0.00018
11.00	100.00	0.00018	13.00	100.00	0.00018
15.00	100.00	0.00019	17.00	100.00	0.00019
20.00	100.00	0.00019	25.00	100.00	0.00018
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00014	60.00	100.00	0.00013
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00012	100.00	100.00	0.00011
-100.00	110.00	0.00036	-90.00	110.00	0.00037
-80.00	110.00	0.00037	-70.00	110.00	0.00036
-60.00	110.00	0.00034	-50.00	110.00	0.00030
-40.00	110.00	0.00027	-30.00	110.00	0.00024
-25.00	110.00	0.00022	-20.00	110.00	0.00021
-17.00	110.00	0.00020	-15.00	110.00	0.00019
-13.00	110.00	0.00019	-11.00	110.00	0.00018
-9.00	110.00	0.00017	9.00	110.00	0.00015
11.00	110.00	0.00015	13.00	110.00	0.00015
15.00	110.00	0.00015	17.00	110.00	0.00015
20.00	110.00	0.00015	25.00	110.00	0.00015
30.00	110.00	0.00015	40.00	110.00	0.00014
50.00	110.00	0.00012	60.00	110.00	0.00011



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00011	80.00	110.00	0.00010
90.00	110.00	0.00010	100.00	110.00	0.00009
-100.00	120.00	0.00031	-90.00	120.00	0.00031
-80.00	120.00	0.00030	-70.00	120.00	0.00029
-60.00	120.00	0.00026	-50.00	120.00	0.00024
-40.00	120.00	0.00021	-30.00	120.00	0.00019
-25.00	120.00	0.00018	-20.00	120.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00016	-15.00	120.00	0.00016
-13.00	120.00	0.00015	-11.00	120.00	0.00015
-9.00	120.00	0.00014	9.00	120.00	0.00012
11.00	120.00	0.00012	13.00	120.00	0.00013
15.00	120.00	0.00013	17.00	120.00	0.00013
20.00	120.00	0.00013	25.00	120.00	0.00013
30.00	120.00	0.00013	40.00	120.00	0.00012
50.00	120.00	0.00011	60.00	120.00	0.00010
70.00	120.00	0.00009	80.00	120.00	0.00009
90.00	120.00	0.00008	100.00	120.00	0.00008
-100.00	130.00	0.00027	-90.00	130.00	0.00026
-80.00	130.00	0.00025	-70.00	130.00	0.00023
-60.00	130.00	0.00021	-50.00	130.00	0.00019
-40.00	130.00	0.00017	-30.00	130.00	0.00016
-25.00	130.00	0.00015	-20.00	130.00	0.00014
-17.00	130.00	0.00014	-15.00	130.00	0.00013
-13.00	130.00	0.00013	-11.00	130.00	0.00012
-9.00	130.00	0.00012	9.00	130.00	0.00010
11.00	130.00	0.00011	13.00	130.00	0.00011
15.00	130.00	0.00011	17.00	130.00	0.00011
20.00	130.00	0.00011	25.00	130.00	0.00011
30.00	130.00	0.00011	40.00	130.00	0.00011
50.00	130.00	0.00010	60.00	130.00	0.00009
70.00	130.00	0.00008	80.00	130.00	0.00008
90.00	130.00	0.00007	100.00	130.00	0.00007
-100.00	140.00	0.00023	-90.00	140.00	0.00022
-80.00	140.00	0.00020	-70.00	140.00	0.00019

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00017	-50.00	140.00	0.00016
-40.00	140.00	0.00014	-30.00	140.00	0.00013
-25.00	140.00	0.00013	-20.00	140.00	0.00012
-17.00	140.00	0.00011	-15.00	140.00	0.00011
-13.00	140.00	0.00011	-11.00	140.00	0.00011
-9.00	140.00	0.00010	9.00	140.00	0.00009
11.00	140.00	0.00009	13.00	140.00	0.00009
15.00	140.00	0.00009	17.00	140.00	0.00009
20.00	140.00	0.00009	25.00	140.00	0.00010
30.00	140.00	0.00010	40.00	140.00	0.00009
50.00	140.00	0.00009	60.00	140.00	0.00008
70.00	140.00	0.00007	80.00	140.00	0.00007
90.00	140.00	0.00007	100.00	140.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00019	-90.00	150.00	0.00018
-80.00	150.00	0.00017	-70.00	150.00	0.00016
-60.00	150.00	0.00014	-50.00	150.00	0.00013
-40.00	150.00	0.00012	-30.00	150.00	0.00011
-25.00	150.00	0.00011	-20.00	150.00	0.00010
-17.00	150.00	0.00010	-15.00	150.00	0.00010
-13.00	150.00	0.00009	-11.00	150.00	0.00009
-9.00	150.00	0.00009	9.00	150.00	0.00008
11.00	150.00	0.00008	13.00	150.00	0.00008
15.00	150.00	0.00008	17.00	150.00	0.00008
20.00	150.00	0.00008	25.00	150.00	0.00008
30.00	150.00	0.00008	40.00	150.00	0.00008
50.00	150.00	0.00008	60.00	150.00	0.00007
70.00	150.00	0.00007	80.00	150.00	0.00006
90.00	150.00	0.00006	100.00	150.00	0.00006
-100.00	160.00	0.00016	-90.00	160.00	0.00015
-80.00	160.00	0.00014	-70.00	160.00	0.00013
-60.00	160.00	0.00012	-50.00	160.00	0.00011
-40.00	160.00	0.00010	-30.00	160.00	0.00010
-25.00	160.00	0.00009	-20.00	160.00	0.00009
-17.00	160.00	0.00008	-15.00	160.00	0.00008

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00008	-11.00	160.00	0.00008
-9.00	160.00	0.00008	9.00	160.00	0.00007
11.00	160.00	0.00007	13.00	160.00	0.00007
15.00	160.00	0.00007	17.00	160.00	0.00007
20.00	160.00	0.00007	25.00	160.00	0.00007
30.00	160.00	0.00007	40.00	160.00	0.00007
50.00	160.00	0.00007	60.00	160.00	0.00007
70.00	160.00	0.00006	80.00	160.00	0.00006
90.00	160.00	0.00005	100.00	160.00	0.00005
-100.00	170.00	0.00014	-90.00	170.00	0.00013
-80.00	170.00	0.00012	-70.00	170.00	0.00011
-60.00	170.00	0.00010	-50.00	170.00	0.00010
-40.00	170.00	0.00009	-30.00	170.00	0.00008
-25.00	170.00	0.00008	-20.00	170.00	0.00008
-17.00	170.00	0.00007	-15.00	170.00	0.00007
-13.00	170.00	0.00007	-11.00	170.00	0.00007
-9.00	170.00	0.00007	9.00	170.00	0.00006
11.00	170.00	0.00006	13.00	170.00	0.00006
15.00	170.00	0.00006	17.00	170.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00006	25.00	170.00	0.00006
30.00	170.00	0.00007	40.00	170.00	0.00007
50.00	170.00	0.00006	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00005
90.00	170.00	0.00005	100.00	170.00	0.00005
-100.00	180.00	0.00012	-90.00	180.00	0.00011
-80.00	180.00	0.00010	-70.00	180.00	0.00010
-60.00	180.00	0.00009	-50.00	180.00	0.00008
-40.00	180.00	0.00008	-30.00	180.00	0.00007
-25.00	180.00	0.00007	-20.00	180.00	0.00007
-17.00	180.00	0.00007	-15.00	180.00	0.00006
-13.00	180.00	0.00006	-11.00	180.00	0.00006
-9.00	180.00	0.00006	9.00	180.00	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00006

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00006	25.00	180.00	0.00006
30.00	180.00	0.00006	40.00	180.00	0.00006
50.00	180.00	0.00006	60.00	180.00	0.00006
70.00	180.00	0.00005	80.00	180.00	0.00005
90.00	180.00	0.00004	100.00	180.00	0.00004
-100.00	190.00	0.00010	-90.00	190.00	0.00010
-80.00	190.00	0.00009	-70.00	190.00	0.00008
-60.00	190.00	0.00008	-50.00	190.00	0.00007
-40.00	190.00	0.00007	-30.00	190.00	0.00007
-25.00	190.00	0.00006	-20.00	190.00	0.00006
-17.00	190.00	0.00006	-15.00	190.00	0.00006
-13.00	190.00	0.00006	-11.00	190.00	0.00005
-9.00	190.00	0.00005	9.00	190.00	0.00005
11.00	190.00	0.00005	13.00	190.00	0.00005
15.00	190.00	0.00005	17.00	190.00	0.00005
20.00	190.00	0.00005	25.00	190.00	0.00005
30.00	190.00	0.00005	40.00	190.00	0.00005
50.00	190.00	0.00005	60.00	190.00	0.00005
70.00	190.00	0.00005	80.00	190.00	0.00004
90.00	190.00	0.00004	100.00	190.00	0.00004
-100.00	200.00	0.00009	-90.00	200.00	0.00008
-80.00	200.00	0.00008	-70.00	200.00	0.00007
-60.00	200.00	0.00007	-50.00	200.00	0.00007
-40.00	200.00	0.00006	-30.00	200.00	0.00006
-25.00	200.00	0.00006	-20.00	200.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00005	-15.00	200.00	0.00005
-13.00	200.00	0.00005	-11.00	200.00	0.00005
-9.00	200.00	0.00005	9.00	200.00	0.00004
11.00	200.00	0.00004	13.00	200.00	0.00004
15.00	200.00	0.00004	17.00	200.00	0.00004
20.00	200.00	0.00004	25.00	200.00	0.00005
30.00	200.00	0.00005	40.00	200.00	0.00005
50.00	200.00	0.00005	60.00	200.00	0.00005
70.00	200.00	0.00004	80.00	200.00	0.00004

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00008	-90.00	210.00	0.00007
-80.00	210.00	0.00007	-70.00	210.00	0.00007
-60.00	210.00	0.00006	-50.00	210.00	0.00006
-40.00	210.00	0.00006	-30.00	210.00	0.00005
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00005
-13.00	210.00	0.00005	-11.00	210.00	0.00004
-9.00	210.00	0.00004	9.00	210.00	0.00004
11.00	210.00	0.00004	13.00	210.00	0.00004
15.00	210.00	0.00004	17.00	210.00	0.00004
20.00	210.00	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00003
-100.00	220.00	0.00007	-90.00	220.00	0.00006
-80.00	220.00	0.00006	-70.00	220.00	0.00006
-60.00	220.00	0.00006	-50.00	220.00	0.00005
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00005	-20.00	220.00	0.00004
-17.00	220.00	0.00004	-15.00	220.00	0.00004
-13.00	220.00	0.00004	-11.00	220.00	0.00004
-9.00	220.00	0.00004	9.00	220.00	0.00004
11.00	220.00	0.00004	13.00	220.00	0.00004
15.00	220.00	0.00004	17.00	220.00	0.00004
20.00	220.00	0.00004	25.00	220.00	0.00004
30.00	220.00	0.00004	40.00	220.00	0.00004
50.00	220.00	0.00004	60.00	220.00	0.00004
70.00	220.00	0.00004	80.00	220.00	0.00004
90.00	220.00	0.00003	100.00	220.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00006	-90.00	230.00	0.00006
-80.00	230.00	0.00006	-70.00	230.00	0.00005
-60.00	230.00	0.00005	-50.00	230.00	0.00005

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00005	-30.00	230.00	0.00004
-25.00	230.00	0.00004	-20.00	230.00	0.00004
-17.00	230.00	0.00004	-15.00	230.00	0.00004
-13.00	230.00	0.00004	-11.00	230.00	0.00004
-9.00	230.00	0.00004	9.00	230.00	0.00003
11.00	230.00	0.00003	13.00	230.00	0.00003
15.00	230.00	0.00003	17.00	230.00	0.00003
20.00	230.00	0.00003	25.00	230.00	0.00003
30.00	230.00	0.00003	40.00	230.00	0.00004
50.00	230.00	0.00004	60.00	230.00	0.00004
70.00	230.00	0.00004	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00005	-90.00	240.00	0.00005
-80.00	240.00	0.00005	-70.00	240.00	0.00005
-60.00	240.00	0.00005	-50.00	240.00	0.00004
-40.00	240.00	0.00004	-30.00	240.00	0.00004
-25.00	240.00	0.00004	-20.00	240.00	0.00004
-17.00	240.00	0.00004	-15.00	240.00	0.00003
-13.00	240.00	0.00003	-11.00	240.00	0.00003
-9.00	240.00	0.00003	9.00	240.00	0.00003
11.00	240.00	0.00003	13.00	240.00	0.00003
15.00	240.00	0.00003	17.00	240.00	0.00003
20.00	240.00	0.00003	25.00	240.00	0.00003
30.00	240.00	0.00003	40.00	240.00	0.00003
50.00	240.00	0.00003	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00003
90.00	240.00	0.00003	100.00	240.00	0.00003
-100.00	250.00	0.00005	-90.00	250.00	0.00005
-80.00	250.00	0.00005	-70.00	250.00	0.00004
-60.00	250.00	0.00004	-50.00	250.00	0.00004
-40.00	250.00	0.00004	-30.00	250.00	0.00004
-25.00	250.00	0.00003	-20.00	250.00	0.00003
-17.00	250.00	0.00003	-15.00	250.00	0.00003
-13.00	250.00	0.00003	-11.00	250.00	0.00003
-9.00	250.00	0.00003	9.00	250.00	0.00003
11.00	250.00	0.00003	13.00	250.00	0.00003
15.00	250.00	0.00003	17.00	250.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00052	40.00	-240.00	0.00059
50.00	-240.00	0.00065	60.00	-240.00	0.00071
70.00	-240.00	0.00075	80.00	-240.00	0.00078
90.00	-240.00	0.00080	100.00	-240.00	0.00080
-100.00	-230.00	0.00016	-90.00	-230.00	0.00018
-80.00	-230.00	0.00020	-70.00	-230.00	0.00022
-60.00	-230.00	0.00024	-50.00	-230.00	0.00026
-40.00	-230.00	0.00027	-30.00	-230.00	0.00029
-25.00	-230.00	0.00030	-20.00	-230.00	0.00032
-17.00	-230.00	0.00033	-15.00	-230.00	0.00034
-13.00	-230.00	0.00035	-11.00	-230.00	0.00036
-9.00	-230.00	0.00037	9.00	-230.00	0.00046
11.00	-230.00	0.00047	13.00	-230.00	0.00048
15.00	-230.00	0.00050	17.00	-230.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00053	25.00	-230.00	0.00057
30.00	-230.00	0.00061	40.00	-230.00	0.00069
50.00	-230.00	0.00077	60.00	-230.00	0.00084
70.00	-230.00	0.00088	80.00	-230.00	0.00091
90.00	-230.00	0.00091	100.00	-230.00	0.00091
-100.00	-220.00	0.00017	-90.00	-220.00	0.00019
-80.00	-220.00	0.00021	-70.00	-220.00	0.00024
-60.00	-220.00	0.00026	-50.00	-220.00	0.00029
-40.00	-220.00	0.00031	-30.00	-220.00	0.00033
-25.00	-220.00	0.00034	-20.00	-220.00	0.00036
-17.00	-220.00	0.00037	-15.00	-220.00	0.00038
-13.00	-220.00	0.00039	-11.00	-220.00	0.00041
-9.00	-220.00	0.00042	9.00	-220.00	0.00053
11.00	-220.00	0.00055	13.00	-220.00	0.00056
15.00	-220.00	0.00058	17.00	-220.00	0.00060
20.00	-220.00	0.00063	25.00	-220.00	0.00068
30.00	-220.00	0.00073	40.00	-220.00	0.00083
50.00	-220.00	0.00092	60.00	-220.00	0.00099
70.00	-220.00	0.00103	80.00	-220.00	0.00105
90.00	-220.00	0.00105	100.00	-220.00	0.00103



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00018	-90.00	-210.00	0.00020
-80.00	-210.00	0.00023	-70.00	-210.00	0.00025
-60.00	-210.00	0.00029	-50.00	-210.00	0.00032
-40.00	-210.00	0.00034	-30.00	-210.00	0.00037
-25.00	-210.00	0.00039	-20.00	-210.00	0.00041
-17.00	-210.00	0.00042	-15.00	-210.00	0.00043
-13.00	-210.00	0.00045	-11.00	-210.00	0.00046
-9.00	-210.00	0.00047	9.00	-210.00	0.00062
11.00	-210.00	0.00064	13.00	-210.00	0.00067
15.00	-210.00	0.00069	17.00	-210.00	0.00071
20.00	-210.00	0.00075	25.00	-210.00	0.00081
30.00	-210.00	0.00088	40.00	-210.00	0.00101
50.00	-210.00	0.00112	60.00	-210.00	0.00119
70.00	-210.00	0.00122	80.00	-210.00	0.00123
90.00	-210.00	0.00120	100.00	-210.00	0.00116
-100.00	-200.00	0.00019	-90.00	-200.00	0.00021
-80.00	-200.00	0.00024	-70.00	-200.00	0.00027
-60.00	-200.00	0.00031	-50.00	-200.00	0.00035
-40.00	-200.00	0.00039	-30.00	-200.00	0.00042
-25.00	-200.00	0.00044	-20.00	-200.00	0.00046

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00048	-15.00	-200.00	0.00049
-13.00	-200.00	0.00051	-11.00	-200.00	0.00053
-9.00	-200.00	0.00054	9.00	-200.00	0.00074
11.00	-200.00	0.00077	13.00	-200.00	0.00080
15.00	-200.00	0.00083	17.00	-200.00	0.00086
20.00	-200.00	0.00091	25.00	-200.00	0.00100
30.00	-200.00	0.00109	40.00	-200.00	0.00125
50.00	-200.00	0.00137	60.00	-200.00	0.00143
70.00	-200.00	0.00145	80.00	-200.00	0.00142
90.00	-200.00	0.00137	100.00	-200.00	0.00129
-100.00	-190.00	0.00021	-90.00	-190.00	0.00023
-80.00	-190.00	0.00026	-70.00	-190.00	0.00029
-60.00	-190.00	0.00033	-50.00	-190.00	0.00038
-40.00	-190.00	0.00043	-30.00	-190.00	0.00048

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00050	-20.00	-190.00	0.00053
-17.00	-190.00	0.00055	-15.00	-190.00	0.00057
-13.00	-190.00	0.00058	-11.00	-190.00	0.00061
-9.00	-190.00	0.00063	9.00	-190.00	0.00089
11.00	-190.00	0.00093	13.00	-190.00	0.00098
15.00	-190.00	0.00102	17.00	-190.00	0.00107
20.00	-190.00	0.00114	25.00	-190.00	0.00126
30.00	-190.00	0.00138	40.00	-190.00	0.00157
50.00	-190.00	0.00169	60.00	-190.00	0.00174
70.00	-190.00	0.00171	80.00	-190.00	0.00164
90.00	-190.00	0.00153	100.00	-190.00	0.00141
-100.00	-180.00	0.00022	-90.00	-180.00	0.00025
-80.00	-180.00	0.00028	-70.00	-180.00	0.00032
-60.00	-180.00	0.00036	-50.00	-180.00	0.00042
-40.00	-180.00	0.00048	-30.00	-180.00	0.00055
-25.00	-180.00	0.00058	-20.00	-180.00	0.00061
-17.00	-180.00	0.00064	-15.00	-180.00	0.00065
-13.00	-180.00	0.00068	-11.00	-180.00	0.00070
-9.00	-180.00	0.00073	9.00	-180.00	0.00110
11.00	-180.00	0.00116	13.00	-180.00	0.00122
15.00	-180.00	0.00129	17.00	-180.00	0.00136
20.00	-180.00	0.00146	25.00	-180.00	0.00163
30.00	-180.00	0.00179	40.00	-180.00	0.00201
50.00	-180.00	0.00211	60.00	-180.00	0.00209
70.00	-180.00	0.00199	80.00	-180.00	0.00185
90.00	-180.00	0.00169	100.00	-180.00	0.00153

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00024	-90.00	-170.00	0.00027
-80.00	-170.00	0.00030	-70.00	-170.00	0.00035
-60.00	-170.00	0.00040	-50.00	-170.00	0.00046
-40.00	-170.00	0.00053	-30.00	-170.00	0.00062
-25.00	-170.00	0.00066	-20.00	-170.00	0.00071
-17.00	-170.00	0.00074	-15.00	-170.00	0.00076
-13.00	-170.00	0.00078	-11.00	-170.00	0.00081
-9.00	-170.00	0.00085	9.00	-170.00	0.00140

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00149	13.00	-170.00	0.00159
15.00	-170.00	0.00170	17.00	-170.00	0.00180
20.00	-170.00	0.00195	25.00	-170.00	0.00219
30.00	-170.00	0.00238	40.00	-170.00	0.00260
50.00	-170.00	0.00260	60.00	-170.00	0.00247
70.00	-170.00	0.00227	80.00	-170.00	0.00204
90.00	-170.00	0.00182	100.00	-170.00	0.00162
-100.00	-160.00	0.00026	-90.00	-160.00	0.00030
-80.00	-160.00	0.00033	-70.00	-160.00	0.00038
-60.00	-160.00	0.00044	-50.00	-160.00	0.00051
-40.00	-160.00	0.00059	-30.00	-160.00	0.00069
-25.00	-160.00	0.00075	-20.00	-160.00	0.00081
-17.00	-160.00	0.00085	-15.00	-160.00	0.00088
-13.00	-160.00	0.00091	-11.00	-160.00	0.00095
-9.00	-160.00	0.00099	9.00	-160.00	0.00186
11.00	-160.00	0.00202	13.00	-160.00	0.00219
15.00	-160.00	0.00235	17.00	-160.00	0.00252
20.00	-160.00	0.00274	25.00	-160.00	0.00304
30.00	-160.00	0.00323	40.00	-160.00	0.00331
50.00	-160.00	0.00312	60.00	-160.00	0.00283
70.00	-160.00	0.00251	80.00	-160.00	0.00220
90.00	-160.00	0.00192	100.00	-160.00	0.00167
-100.00	-150.00	0.00029	-90.00	-150.00	0.00033
-80.00	-150.00	0.00037	-70.00	-150.00	0.00042
-60.00	-150.00	0.00049	-50.00	-150.00	0.00057
-40.00	-150.00	0.00066	-30.00	-150.00	0.00078
-25.00	-150.00	0.00084	-20.00	-150.00	0.00092
-17.00	-150.00	0.00097	-15.00	-150.00	0.00101
-13.00	-150.00	0.00106	-11.00	-150.00	0.00111
-9.00	-150.00	0.00116	9.00	-150.00	0.00272
11.00	-150.00	0.00301	13.00	-150.00	0.00328
15.00	-150.00	0.00354	17.00	-150.00	0.00376

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTS:  
 PAGE 87

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00401	25.00	-150.00	0.00424
30.00	-150.00	0.00427	40.00	-150.00	0.00401

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00357	60.00	-150.00	0.00310
70.00	-150.00	0.00266	80.00	-150.00	0.00228
90.00	-150.00	0.00195	100.00	-150.00	0.00166
-100.00	-140.00	0.00033	-90.00	-140.00	0.00037
-80.00	-140.00	0.00042	-70.00	-140.00	0.00048
-60.00	-140.00	0.00055	-50.00	-140.00	0.00065
-40.00	-140.00	0.00076	-30.00	-140.00	0.00089
-25.00	-140.00	0.00097	-20.00	-140.00	0.00106
-17.00	-140.00	0.00112	-15.00	-140.00	0.00117
-13.00	-140.00	0.00122	-11.00	-140.00	0.00129
-9.00	-140.00	0.00137	9.00	-140.00	0.00469
11.00	-140.00	0.00501	13.00	-140.00	0.00522
15.00	-140.00	0.00536	17.00	-140.00	0.00544
20.00	-140.00	0.00547	25.00	-140.00	0.00535
30.00	-140.00	0.00511	40.00	-140.00	0.00448
50.00	-140.00	0.00382	60.00	-140.00	0.00323
70.00	-140.00	0.00271	80.00	-140.00	0.00228
90.00	-140.00	0.00191	100.00	-140.00	0.00161
-100.00	-130.00	0.00036	-90.00	-130.00	0.00041
-80.00	-130.00	0.00047	-70.00	-130.00	0.00055
-60.00	-130.00	0.00064	-50.00	-130.00	0.00075
-40.00	-130.00	0.00090	-30.00	-130.00	0.00108
-25.00	-130.00	0.00118	-20.00	-130.00	0.00131
-17.00	-130.00	0.00141	-15.00	-130.00	0.00148
-13.00	-130.00	0.00158	-11.00	-130.00	0.00171
-9.00	-130.00	0.00188	9.00	-130.00	0.00607
11.00	-130.00	0.00613	13.00	-130.00	0.00618
15.00	-130.00	0.00619	17.00	-130.00	0.00617
20.00	-130.00	0.00608	25.00	-130.00	0.00580
30.00	-130.00	0.00544	40.00	-130.00	0.00465
50.00	-130.00	0.00388	60.00	-130.00	0.00322
70.00	-130.00	0.00266	80.00	-130.00	0.00220
90.00	-130.00	0.00182	100.00	-130.00	0.00152
-100.00	-120.00	0.00040	-90.00	-120.00	0.00046
-80.00	-120.00	0.00053	-70.00	-120.00	0.00062
-60.00	-120.00	0.00073	-50.00	-120.00	0.00087
-40.00	-120.00	0.00106	-30.00	-120.00	0.00132
-25.00	-120.00	0.00150	-20.00	-120.00	0.00171

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

02NCRA PL92-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00187	-15.00	-120.00	0.00199	
-13.00	-120.00	0.00213	-11.00	-120.00	0.00227	
-9.00	-120.00	0.00245	9.00	-120.00	0.00618	
11.00	-120.00	0.00625	13.00	-120.00	0.00629	
15.00	-120.00	0.00630	17.00	-120.00	0.00627	
20.00	-120.00	0.00616	25.00	-120.00	0.00586	
30.00	-120.00	0.00546	40.00	-120.00	0.00460	
50.00	-120.00	0.00379	60.00	-120.00	0.00309	
70.00	-120.00	0.00252	80.00	-120.00	0.00205	
90.00	-120.00	0.00168	100.00	-120.00	0.00139	
-100.00	-110.00	0.00044	-90.00	-110.00	0.00050	
-80.00	-110.00	0.00059	-70.00	-110.00	0.00069	
-60.00	-110.00	0.00083	-50.00	-110.00	0.00101	
-40.00	-110.00	0.00125	-30.00	-110.00	0.00160	
-25.00	-110.00	0.00182	-20.00	-110.00	0.00205	
-17.00	-110.00	0.00220	-15.00	-110.00	0.00230	
-13.00	-110.00	0.00240	-11.00	-110.00	0.00251	
-9.00	-110.00	0.00264	9.00	-110.00	0.00617	
11.00	-110.00	0.00622	13.00	-110.00	0.00625	
15.00	-110.00	0.00625	17.00	-110.00	0.00621	
20.00	-110.00	0.00608	25.00	-110.00	0.00575	
30.00	-110.00	0.00533	40.00	-110.00	0.00442	
50.00	-110.00	0.00358	60.00	-110.00	0.00287	
70.00	-110.00	0.00230	80.00	-110.00	0.00185	
90.00	-110.00	0.00150	100.00	-110.00	0.00123	
-100.00	-100.00	0.00047	-90.00	-100.00	0.00055	
-80.00	-100.00	0.00065	-70.00	-100.00	0.00077	
-60.00	-100.00	0.00093	-50.00	-100.00	0.00115	
-40.00	-100.00	0.00143	-30.00	-100.00	0.00179	
-25.00	-100.00	0.00200	-20.00	-100.00	0.00220	
-17.00	-100.00	0.00232	-15.00	-100.00	0.00240	
-13.00	-100.00	0.00249	-11.00	-100.00	0.00257	
-9.00	-100.00	0.00268	9.00	-100.00	0.00607	
11.00	-100.00	0.00611	13.00	-100.00	0.00612	
15.00	-100.00	0.00610	17.00	-100.00	0.00604	
20.00	-100.00	0.00589	25.00	-100.00	0.00552	
30.00	-100.00	0.00507	40.00	-100.00	0.00411	
50.00	-100.00	0.00325	60.00	-100.00	0.00255	
70.00	-100.00	0.00201	80.00	-100.00	0.00160	
90.00	-100.00	0.00129	100.00	-100.00	0.00106	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00059
-80.00	-90.00	0.00070	-70.00	-90.00	0.00085
-60.00	-90.00	0.00103	-50.00	-90.00	0.00126
-40.00	-90.00	0.00155	-30.00	-90.00	0.00188
-25.00	-90.00	0.00206	-20.00	-90.00	0.00223
-17.00	-90.00	0.00233	-15.00	-90.00	0.00240
-13.00	-90.00	0.00247	-11.00	-90.00	0.00255
-9.00	-90.00	0.00265	9.00	-90.00	0.00589
11.00	-90.00	0.00590	13.00	-90.00	0.00589
15.00	-90.00	0.00584	17.00	-90.00	0.00576
20.00	-90.00	0.00557	25.00	-90.00	0.00515
30.00	-90.00	0.00465	40.00	-90.00	0.00366
50.00	-90.00	0.00281	60.00	-90.00	0.00216
70.00	-90.00	0.00168	80.00	-90.00	0.00133
90.00	-90.00	0.00107	100.00	-90.00	0.00088
-100.00	-80.00	0.00053	-90.00	-80.00	0.00063
-80.00	-80.00	0.00075	-70.00	-80.00	0.00091
-60.00	-80.00	0.00110	-50.00	-80.00	0.00133
-40.00	-80.00	0.00161	-30.00	-80.00	0.00190
-25.00	-80.00	0.00204	-20.00	-80.00	0.00219
-17.00	-80.00	0.00228	-15.00	-80.00	0.00234
-13.00	-80.00	0.00240	-11.00	-80.00	0.00247
-9.00	-80.00	0.00255	9.00	-80.00	0.00559
11.00	-80.00	0.00557	13.00	-80.00	0.00552
15.00	-80.00	0.00543	17.00	-80.00	0.00531
20.00	-80.00	0.00507	25.00	-80.00	0.00457
30.00	-80.00	0.00403	40.00	-80.00	0.00303
50.00	-80.00	0.00226	60.00	-80.00	0.00172
70.00	-80.00	0.00134	80.00	-80.00	0.00106
90.00	-80.00	0.00086	100.00	-80.00	0.00071
-100.00	-70.00	0.00056	-90.00	-70.00	0.00066
-80.00	-70.00	0.00079	-70.00	-70.00	0.00094
-60.00	-70.00	0.00113	-50.00	-70.00	0.00136
-40.00	-70.00	0.00161	-30.00	-70.00	0.00186

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00199	-20.00	-70.00	0.00211
-17.00	-70.00	0.00218	-15.00	-70.00	0.00223
-13.00	-70.00	0.00228	-11.00	-70.00	0.00234
-9.00	-70.00	0.00241	9.00	-70.00	0.00511
11.00	-70.00	0.00501	13.00	-70.00	0.00490
15.00	-70.00	0.00475	17.00	-70.00	0.00457

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00425	25.00	-70.00	0.00368
30.00	-70.00	0.00312	40.00	-70.00	0.00225
50.00	-70.00	0.00166	60.00	-70.00	0.00127
70.00	-70.00	0.00100	80.00	-70.00	0.00081
90.00	-70.00	0.00066	100.00	-70.00	0.00056
-100.00	-60.00	0.00058	-90.00	-60.00	0.00068
-80.00	-60.00	0.00080	-70.00	-60.00	0.00095
-60.00	-60.00	0.00113	-50.00	-60.00	0.00134
-40.00	-60.00	0.00156	-30.00	-60.00	0.00179
-25.00	-60.00	0.00190	-20.00	-60.00	0.00200
-17.00	-60.00	0.00206	-15.00	-60.00	0.00209
-13.00	-60.00	0.00213	-11.00	-60.00	0.00217
-9.00	-60.00	0.00223	9.00	-60.00	0.00422
11.00	-60.00	0.00399	13.00	-60.00	0.00376
15.00	-60.00	0.00352	17.00	-60.00	0.00327
20.00	-60.00	0.00292	25.00	-60.00	0.00241
30.00	-60.00	0.00201	40.00	-60.00	0.00146
50.00	-60.00	0.00111	60.00	-60.00	0.00088
70.00	-60.00	0.00072	80.00	-60.00	0.00060
90.00	-60.00	0.00051	100.00	-60.00	0.00044
-100.00	-50.00	0.00058	-90.00	-50.00	0.00068
-80.00	-50.00	0.00079	-70.00	-50.00	0.00093
-60.00	-50.00	0.00109	-50.00	-50.00	0.00127
-40.00	-50.00	0.00147	-30.00	-50.00	0.00167
-25.00	-50.00	0.00176	-20.00	-50.00	0.00185
-17.00	-50.00	0.00189	-15.00	-50.00	0.00192
-13.00	-50.00	0.00194	-11.00	-50.00	0.00196
-9.00	-50.00	0.00199	9.00	-50.00	0.00219

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00194	13.00	-50.00	0.00176
15.00	-50.00	0.00163	17.00	-50.00	0.00152
20.00	-50.00	0.00139	25.00	-50.00	0.00122
30.00	-50.00	0.00108	40.00	-50.00	0.00087
50.00	-50.00	0.00072	60.00	-50.00	0.00061
70.00	-50.00	0.00052	80.00	-50.00	0.00045
90.00	-50.00	0.00039	100.00	-50.00	0.00034
-100.00	-40.00	0.00057	-90.00	-40.00	0.00066
-80.00	-40.00	0.00076	-70.00	-40.00	0.00088
-60.00	-40.00	0.00102	-50.00	-40.00	0.00116
-40.00	-40.00	0.00131	-30.00	-40.00	0.00146
-25.00	-40.00	0.00152	-20.00	-40.00	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00157	-15.00	-40.00	0.00156
-13.00	-40.00	0.00154	-11.00	-40.00	0.00150
-9.00	-40.00	0.00143	9.00	-40.00	0.00073
11.00	-40.00	0.00072	13.00	-40.00	0.00071
15.00	-40.00	0.00071	17.00	-40.00	0.00070
20.00	-40.00	0.00068	25.00	-40.00	0.00065
30.00	-40.00	0.00061	40.00	-40.00	0.00054
50.00	-40.00	0.00048	60.00	-40.00	0.00043
70.00	-40.00	0.00038	80.00	-40.00	0.00034
90.00	-40.00	0.00030	100.00	-40.00	0.00027
-100.00	-30.00	0.00055	-90.00	-30.00	0.00063
-80.00	-30.00	0.00072	-70.00	-30.00	0.00082
-60.00	-30.00	0.00092	-50.00	-30.00	0.00103
-40.00	-30.00	0.00112	-30.00	-30.00	0.00117
-25.00	-30.00	0.00116	-20.00	-30.00	0.00111
-17.00	-30.00	0.00105	-15.00	-30.00	0.00100
-13.00	-30.00	0.00093	-11.00	-30.00	0.00087
-9.00	-30.00	0.00080	9.00	-30.00	0.00050
11.00	-30.00	0.00049	13.00	-30.00	0.00048
15.00	-30.00	0.00047	17.00	-30.00	0.00046
20.00	-30.00	0.00045	25.00	-30.00	0.00043
30.00	-30.00	0.00041	40.00	-30.00	0.00038



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00034	60.00	-30.00	0.00031
70.00	-30.00	0.00029	80.00	-30.00	0.00026
90.00	-30.00	0.00024	100.00	-30.00	0.00022
-100.00	-20.00	0.00053	-90.00	-20.00	0.00059
-80.00	-20.00	0.00066	-70.00	-20.00	0.00074
-60.00	-20.00	0.00081	-50.00	-20.00	0.00086
-40.00	-20.00	0.00089	-30.00	-20.00	0.00084
-25.00	-20.00	0.00079	-20.00	-20.00	0.00071
-17.00	-20.00	0.00065	-15.00	-20.00	0.00062
-13.00	-20.00	0.00058	-11.00	-20.00	0.00055
-9.00	-20.00	0.00052	9.00	-20.00	0.00037
11.00	-20.00	0.00037	13.00	-20.00	0.00037
15.00	-20.00	0.00036	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00031	40.00	-20.00	0.00028
50.00	-20.00	0.00026	60.00	-20.00	0.00024
70.00	-20.00	0.00023	80.00	-20.00	0.00021
90.00	-20.00	0.00019	100.00	-20.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00050	-90.00	-10.00	0.00055
-80.00	-10.00	0.00060	-70.00	-10.00	0.00064
-60.00	-10.00	0.00067	-50.00	-10.00	0.00069
-40.00	-10.00	0.00066	-30.00	-10.00	0.00058
-25.00	-10.00	0.00053	-20.00	-10.00	0.00047
-17.00	-10.00	0.00044	-15.00	-10.00	0.00042
-13.00	-10.00	0.00041	-11.00	-10.00	0.00039
-9.00	-10.00	0.00037	9.00	-10.00	0.00029
11.00	-10.00	0.00029	13.00	-10.00	0.00029
15.00	-10.00	0.00028	17.00	-10.00	0.00028
20.00	-10.00	0.00027	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00022
50.00	-10.00	0.00021	60.00	-10.00	0.00019
70.00	-10.00	0.00018	80.00	-10.00	0.00017
90.00	-10.00	0.00016	100.00	-10.00	0.00015
-100.00	0.00	0.00045	-90.00	0.00	0.00049

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00052	-70.00	0.00	0.00054
-60.00	0.00	0.00055	-50.00	0.00	0.00053
-40.00	0.00	0.00048	-30.00	0.00	0.00041
-25.00	0.00	0.00038	-20.00	0.00	0.00034
-17.00	0.00	0.00033	-15.00	0.00	0.00031
-13.00	0.00	0.00030	-11.00	0.00	0.00029
-9.00	0.00	0.00028	9.00	0.00	0.00022
11.00	0.00	0.00023	13.00	0.00	0.00023
15.00	0.00	0.00023	17.00	0.00	0.00023
20.00	0.00	0.00022	25.00	0.00	0.00022
30.00	0.00	0.00020	40.00	0.00	0.00018
50.00	0.00	0.00017	60.00	0.00	0.00016
70.00	0.00	0.00015	80.00	0.00	0.00014
90.00	0.00	0.00014	100.00	0.00	0.00013
-100.00	10.00	0.00041	-90.00	10.00	0.00043
-80.00	10.00	0.00044	-70.00	10.00	0.00044
-60.00	10.00	0.00043	-50.00	10.00	0.00040
-40.00	10.00	0.00035	-30.00	10.00	0.00030
-25.00	10.00	0.00028	-20.00	10.00	0.00026
-17.00	10.00	0.00025	-15.00	10.00	0.00024
-13.00	10.00	0.00023	-11.00	10.00	0.00023
-9.00	10.00	0.00022	9.00	10.00	0.00018
11.00	10.00	0.00018	13.00	10.00	0.00018
15.00	10.00	0.00019	17.00	10.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00019	25.00	10.00	0.00018
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00014	60.00	10.00	0.00013
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00012	100.00	10.00	0.00011
-100.00	20.00	0.00036	-90.00	20.00	0.00037
-80.00	20.00	0.00037	-70.00	20.00	0.00036
-60.00	20.00	0.00034	-50.00	20.00	0.00030
-40.00	20.00	0.00027	-30.00	20.00	0.00024
-25.00	20.00	0.00022	-20.00	20.00	0.00021

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00020	-15.00	20.00	0.00019
-13.00	20.00	0.00019	-11.00	20.00	0.00018
-9.00	20.00	0.00017	9.00	20.00	0.00015
11.00	20.00	0.00015	13.00	20.00	0.00015
15.00	20.00	0.00015	17.00	20.00	0.00015
20.00	20.00	0.00015	25.00	20.00	0.00015
30.00	20.00	0.00015	40.00	20.00	0.00014
50.00	20.00	0.00012	60.00	20.00	0.00011
70.00	20.00	0.00011	80.00	20.00	0.00010
90.00	20.00	0.00010	100.00	20.00	0.00009
-100.00	30.00	0.00031	-90.00	30.00	0.00031
-80.00	30.00	0.00030	-70.00	30.00	0.00029
-60.00	30.00	0.00026	-50.00	30.00	0.00024
-40.00	30.00	0.00021	-30.00	30.00	0.00019
-25.00	30.00	0.00018	-20.00	30.00	0.00017
-17.00	30.00	0.00016	-15.00	30.00	0.00016
-13.00	30.00	0.00015	-11.00	30.00	0.00015
-9.00	30.00	0.00014	9.00	30.00	0.00012
11.00	30.00	0.00012	13.00	30.00	0.00013
15.00	30.00	0.00013	17.00	30.00	0.00013
20.00	30.00	0.00013	25.00	30.00	0.00013
30.00	30.00	0.00013	40.00	30.00	0.00012
50.00	30.00	0.00011	60.00	30.00	0.00010
70.00	30.00	0.00009	80.00	30.00	0.00009
90.00	30.00	0.00008	100.00	30.00	0.00008
-100.00	40.00	0.00027	-90.00	40.00	0.00026
-80.00	40.00	0.00025	-70.00	40.00	0.00023
-60.00	40.00	0.00021	-50.00	40.00	0.00019
-40.00	40.00	0.00017	-30.00	40.00	0.00016
-25.00	40.00	0.00015	-20.00	40.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00014	-15.00	40.00	0.00013
-13.00	40.00	0.00013	-11.00	40.00	0.00012
-9.00	40.00	0.00012	9.00	40.00	0.00010
11.00	40.00	0.00011	13.00	40.00	0.00011

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00011	17.00	40.00	0.00011
20.00	40.00	0.00011	25.00	40.00	0.00011
30.00	40.00	0.00011	40.00	40.00	0.00011
50.00	40.00	0.00010	60.00	40.00	0.00009
70.00	40.00	0.00008	80.00	40.00	0.00008
90.00	40.00	0.00007	100.00	40.00	0.00007
-100.00	50.00	0.00023	-90.00	50.00	0.00022
-80.00	50.00	0.00020	-70.00	50.00	0.00019
-60.00	50.00	0.00017	-50.00	50.00	0.00016
-40.00	50.00	0.00014	-30.00	50.00	0.00013
-25.00	50.00	0.00013	-20.00	50.00	0.00012
-17.00	50.00	0.00011	-15.00	50.00	0.00011
-13.00	50.00	0.00011	-11.00	50.00	0.00011
-9.00	50.00	0.00010	9.00	50.00	0.00009
11.00	50.00	0.00009	13.00	50.00	0.00009
15.00	50.00	0.00009	17.00	50.00	0.00009
20.00	50.00	0.00009	25.00	50.00	0.00010
30.00	50.00	0.00010	40.00	50.00	0.00009
50.00	50.00	0.00009	60.00	50.00	0.00008
70.00	50.00	0.00007	80.00	50.00	0.00007
90.00	50.00	0.00007	100.00	50.00	0.00006
-100.00	60.00	0.00019	-90.00	60.00	0.00018
-80.00	60.00	0.00017	-70.00	60.00	0.00016
-60.00	60.00	0.00014	-50.00	60.00	0.00013
-40.00	60.00	0.00012	-30.00	60.00	0.00011
-25.00	60.00	0.00011	-20.00	60.00	0.00010
-17.00	60.00	0.00010	-15.00	60.00	0.00010
-13.00	60.00	0.00009	-11.00	60.00	0.00009
-9.00	60.00	0.00009	9.00	60.00	0.00008
11.00	60.00	0.00008	13.00	60.00	0.00008
15.00	60.00	0.00008	17.00	60.00	0.00008
20.00	60.00	0.00008	25.00	60.00	0.00008
30.00	60.00	0.00008	40.00	60.00	0.00008
50.00	60.00	0.00008	60.00	60.00	0.00007
70.00	60.00	0.00007	80.00	60.00	0.00006
90.00	60.00	0.00006	100.00	60.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

02NCRA PL92-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00016	-90.00	70.00	0.00015
-80.00	70.00	0.00014	-70.00	70.00	0.00013
-60.00	70.00	0.00012	-50.00	70.00	0.00011
-40.00	70.00	0.00010	-30.00	70.00	0.00010
-25.00	70.00	0.00009	-20.00	70.00	0.00009
-17.00	70.00	0.00008	-15.00	70.00	0.00008
-13.00	70.00	0.00008	-11.00	70.00	0.00008
-9.00	70.00	0.00008	9.00	70.00	0.00007
11.00	70.00	0.00007	13.00	70.00	0.00007
15.00	70.00	0.00007	17.00	70.00	0.00007
20.00	70.00	0.00007	25.00	70.00	0.00007
30.00	70.00	0.00007	40.00	70.00	0.00007
50.00	70.00	0.00007	60.00	70.00	0.00007
70.00	70.00	0.00006	80.00	70.00	0.00006
90.00	70.00	0.00005	100.00	70.00	0.00005
-100.00	80.00	0.00014	-90.00	80.00	0.00013
-80.00	80.00	0.00012	-70.00	80.00	0.00011
-60.00	80.00	0.00010	-50.00	80.00	0.00010
-40.00	80.00	0.00009	-30.00	80.00	0.00008
-25.00	80.00	0.00008	-20.00	80.00	0.00008
-17.00	80.00	0.00007	-15.00	80.00	0.00007
-13.00	80.00	0.00007	-11.00	80.00	0.00007
-9.00	80.00	0.00007	9.00	80.00	0.00006
11.00	80.00	0.00006	13.00	80.00	0.00006
15.00	80.00	0.00006	17.00	80.00	0.00006
20.00	80.00	0.00006	25.00	80.00	0.00006
30.00	80.00	0.00007	40.00	80.00	0.00007
50.00	80.00	0.00006	60.00	80.00	0.00006
70.00	80.00	0.00006	80.00	80.00	0.00005
90.00	80.00	0.00005	100.00	80.00	0.00005
-100.00	90.00	0.00012	-90.00	90.00	0.00011
-80.00	90.00	0.00010	-70.00	90.00	0.00010
-60.00	90.00	0.00009	-50.00	90.00	0.00008
-40.00	90.00	0.00008	-30.00	90.00	0.00007
-25.00	90.00	0.00007	-20.00	90.00	0.00007
-17.00	90.00	0.00007	-15.00	90.00	0.00006
-13.00	90.00	0.00006	-11.00	90.00	0.00006
-9.00	90.00	0.00006	9.00	90.00	0.00005
11.00	90.00	0.00005	13.00	90.00	0.00005
15.00	90.00	0.00005	17.00	90.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00006	25.00	90.00	0.00006
30.00	90.00	0.00006	40.00	90.00	0.00006
50.00	90.00	0.00006	60.00	90.00	0.00006
70.00	90.00	0.00005	80.00	90.00	0.00005
90.00	90.00	0.00004	100.00	90.00	0.00004
-100.00	100.00	0.00010	-90.00	100.00	0.00010
-80.00	100.00	0.00009	-70.00	100.00	0.00008
-60.00	100.00	0.00008	-50.00	100.00	0.00007
-40.00	100.00	0.00007	-30.00	100.00	0.00007
-25.00	100.00	0.00006	-20.00	100.00	0.00006
-17.00	100.00	0.00006	-15.00	100.00	0.00006
-13.00	100.00	0.00006	-11.00	100.00	0.00005
-9.00	100.00	0.00005	9.00	100.00	0.00005
11.00	100.00	0.00005	13.00	100.00	0.00005
15.00	100.00	0.00005	17.00	100.00	0.00005
20.00	100.00	0.00005	25.00	100.00	0.00005
30.00	100.00	0.00005	40.00	100.00	0.00005
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00004
90.00	100.00	0.00004	100.00	100.00	0.00004
-100.00	110.00	0.00009	-90.00	110.00	0.00008
-80.00	110.00	0.00008	-70.00	110.00	0.00007
-60.00	110.00	0.00007	-50.00	110.00	0.00007
-40.00	110.00	0.00006	-30.00	110.00	0.00006
-25.00	110.00	0.00006	-20.00	110.00	0.00005
-17.00	110.00	0.00005	-15.00	110.00	0.00005
-13.00	110.00	0.00005	-11.00	110.00	0.00005
-9.00	110.00	0.00005	9.00	110.00	0.00004
11.00	110.00	0.00004	13.00	110.00	0.00004
15.00	110.00	0.00004	17.00	110.00	0.00004
20.00	110.00	0.00004	25.00	110.00	0.00005
30.00	110.00	0.00005	40.00	110.00	0.00005
50.00	110.00	0.00005	60.00	110.00	0.00005
70.00	110.00	0.00004	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00008	-90.00	120.00	0.00007

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00007	-70.00	120.00	0.00007
-60.00	120.00	0.00006	-50.00	120.00	0.00006
-40.00	120.00	0.00006	-30.00	120.00	0.00005
-25.00	120.00	0.00005	-20.00	120.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00005	-15.00	120.00	0.00005
-13.00	120.00	0.00005	-11.00	120.00	0.00004
-9.00	120.00	0.00004	9.00	120.00	0.00004
11.00	120.00	0.00004	13.00	120.00	0.00004
15.00	120.00	0.00004	17.00	120.00	0.00004
20.00	120.00	0.00004	25.00	120.00	0.00004
30.00	120.00	0.00004	40.00	120.00	0.00004
50.00	120.00	0.00004	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00003
-100.00	130.00	0.00007	-90.00	130.00	0.00006
-80.00	130.00	0.00006	-70.00	130.00	0.00006
-60.00	130.00	0.00006	-50.00	130.00	0.00005
-40.00	130.00	0.00005	-30.00	130.00	0.00005
-25.00	130.00	0.00005	-20.00	130.00	0.00004
-17.00	130.00	0.00004	-15.00	130.00	0.00004
-13.00	130.00	0.00004	-11.00	130.00	0.00004
-9.00	130.00	0.00004	9.00	130.00	0.00004
11.00	130.00	0.00004	13.00	130.00	0.00004
15.00	130.00	0.00004	17.00	130.00	0.00004
20.00	130.00	0.00004	25.00	130.00	0.00004
30.00	130.00	0.00004	40.00	130.00	0.00004
50.00	130.00	0.00004	60.00	130.00	0.00004
70.00	130.00	0.00004	80.00	130.00	0.00004
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00006	-90.00	140.00	0.00006
-80.00	140.00	0.00006	-70.00	140.00	0.00005
-60.00	140.00	0.00005	-50.00	140.00	0.00005
-40.00	140.00	0.00005	-30.00	140.00	0.00004
-25.00	140.00	0.00004	-20.00	140.00	0.00004

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00004	-15.00	140.00	0.00004
-13.00	140.00	0.00004	-11.00	140.00	0.00004
-9.00	140.00	0.00004	9.00	140.00	0.00003
11.00	140.00	0.00003	13.00	140.00	0.00003
15.00	140.00	0.00003	17.00	140.00	0.00003
20.00	140.00	0.00003	25.00	140.00	0.00003
30.00	140.00	0.00003	40.00	140.00	0.00004
50.00	140.00	0.00004	60.00	140.00	0.00004
70.00	140.00	0.00004	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00005	-90.00	150.00	0.00005
-80.00	150.00	0.00005	-70.00	150.00	0.00005
-60.00	150.00	0.00005	-50.00	150.00	0.00004
-40.00	150.00	0.00004	-30.00	150.00	0.00004
-25.00	150.00	0.00004	-20.00	150.00	0.00004
-17.00	150.00	0.00004	-15.00	150.00	0.00003
-13.00	150.00	0.00003	-11.00	150.00	0.00003
-9.00	150.00	0.00003	9.00	150.00	0.00003
11.00	150.00	0.00003	13.00	150.00	0.00003
15.00	150.00	0.00003	17.00	150.00	0.00003
20.00	150.00	0.00003	25.00	150.00	0.00003
30.00	150.00	0.00003	40.00	150.00	0.00003
50.00	150.00	0.00003	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00003
90.00	150.00	0.00003	100.00	150.00	0.00003
-100.00	160.00	0.00005	-90.00	160.00	0.00005
-80.00	160.00	0.00005	-70.00	160.00	0.00004
-60.00	160.00	0.00004	-50.00	160.00	0.00004
-40.00	160.00	0.00004	-30.00	160.00	0.00004
-25.00	160.00	0.00003	-20.00	160.00	0.00003
-17.00	160.00	0.00003	-15.00	160.00	0.00003
-13.00	160.00	0.00003	-11.00	160.00	0.00003
-9.00	160.00	0.00003	9.00	160.00	0.00003
11.00	160.00	0.00003	13.00	160.00	0.00003



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00003	17.00	160.00	0.00003
20.00	160.00	0.00003	25.00	160.00	0.00003
30.00	160.00	0.00003	40.00	160.00	0.00003
50.00	160.00	0.00003	60.00	160.00	0.00003
70.00	160.00	0.00003	80.00	160.00	0.00003
90.00	160.00	0.00003	100.00	160.00	0.00003
-100.00	170.00	0.00004	-90.00	170.00	0.00004
-80.00	170.00	0.00004	-70.00	170.00	0.00004
-60.00	170.00	0.00004	-50.00	170.00	0.00004
-40.00	170.00	0.00004	-30.00	170.00	0.00003
-25.00	170.00	0.00003	-20.00	170.00	0.00003
-17.00	170.00	0.00003	-15.00	170.00	0.00003
-13.00	170.00	0.00003	-11.00	170.00	0.00003
-9.00	170.00	0.00003	9.00	170.00	0.00003
11.00	170.00	0.00003	13.00	170.00	0.00003
15.00	170.00	0.00003	17.00	170.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00003	25.00	170.00	0.00003
30.00	170.00	0.00003	40.00	170.00	0.00003
50.00	170.00	0.00003	60.00	170.00	0.00003
70.00	170.00	0.00003	80.00	170.00	0.00003
90.00	170.00	0.00003	100.00	170.00	0.00003
-100.00	180.00	0.00004	-90.00	180.00	0.00004
-80.00	180.00	0.00004	-70.00	180.00	0.00004
-60.00	180.00	0.00004	-50.00	180.00	0.00003
-40.00	180.00	0.00003	-30.00	180.00	0.00003
-25.00	180.00	0.00003	-20.00	180.00	0.00003
-17.00	180.00	0.00003	-15.00	180.00	0.00003
-13.00	180.00	0.00003	-11.00	180.00	0.00003
-9.00	180.00	0.00003	9.00	180.00	0.00002
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00003
50.00	180.00	0.00003	60.00	180.00	0.00003

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00003	80.00	180.00	0.00003
90.00	180.00	0.00003	100.00	180.00	0.00002
-100.00	190.00	0.00004	-90.00	190.00	0.00004
-80.00	190.00	0.00004	-70.00	190.00	0.00003
-60.00	190.00	0.00003	-50.00	190.00	0.00003
-40.00	190.00	0.00003	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00003	-15.00	190.00	0.00003
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00003
70.00	190.00	0.00003	80.00	190.00	0.00003
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00003	-90.00	200.00	0.00003
-80.00	200.00	0.00003	-70.00	200.00	0.00003
-60.00	200.00	0.00003	-50.00	200.00	0.00003
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00002	-20.00	200.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 09:58:54      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00002
-9.00	200.00	0.00002	9.00	200.00	0.00002
11.00	200.00	0.00002	13.00	200.00	0.00002
15.00	200.00	0.00002	17.00	200.00	0.00002
20.00	200.00	0.00002	25.00	200.00	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00003	-90.00	210.00	0.00003
-80.00	210.00	0.00003	-70.00	210.00	0.00003

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00003	-50.00	210.00	0.00003
-40.00	210.00	0.00003	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002
-17.00	210.00	0.00002	-15.00	210.00	0.00002
-13.00	210.00	0.00002	-11.00	210.00	0.00002
-9.00	210.00	0.00002	9.00	210.00	0.00002
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00002
20.00	210.00	0.00002	25.00	210.00	0.00002
30.00	210.00	0.00002	40.00	210.00	0.00002
50.00	210.00	0.00002	60.00	210.00	0.00002
70.00	210.00	0.00002	80.00	210.00	0.00002
90.00	210.00	0.00002	100.00	210.00	0.00002
-100.00	220.00	0.00003	-90.00	220.00	0.00003
-80.00	220.00	0.00003	-70.00	220.00	0.00003
-60.00	220.00	0.00003	-50.00	220.00	0.00003
-40.00	220.00	0.00002	-30.00	220.00	0.00002
-25.00	220.00	0.00002	-20.00	220.00	0.00002
-17.00	220.00	0.00002	-15.00	220.00	0.00002
-13.00	220.00	0.00002	-11.00	220.00	0.00002
-9.00	220.00	0.00002	9.00	220.00	0.00002
11.00	220.00	0.00002	13.00	220.00	0.00002
15.00	220.00	0.00002	17.00	220.00	0.00002
20.00	220.00	0.00002	25.00	220.00	0.00002
30.00	220.00	0.00002	40.00	220.00	0.00002
50.00	220.00	0.00002	60.00	220.00	0.00002
70.00	220.00	0.00002	80.00	220.00	0.00002
90.00	220.00	0.00002	100.00	220.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00003	-90.00	230.00	0.00003
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-60.00	230.00	0.00002	-50.00	230.00	0.00002
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00002
30.00	240.00	0.00002	40.00	240.00	0.00002
50.00	240.00	0.00002	60.00	240.00	0.00002
70.00	240.00	0.00002	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00002
11.00	250.00	0.00002	13.00	250.00	0.00002
15.00	250.00	0.00002	17.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00002
30.00	250.00	0.00002	40.00	250.00	0.00002
50.00	250.00	0.00002	60.00	250.00	0.00002
70.00	250.00	0.00002	80.00	250.00	0.00002
90.00	250.00	0.00002	100.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00026	-90.00	-250.00	0.00030
-80.00	-250.00	0.00033	-70.00	-250.00	0.00038
-60.00	-250.00	0.00044	-50.00	-250.00	0.00051
-40.00	-250.00	0.00059	-30.00	-250.00	0.00069
-25.00	-250.00	0.00075	-20.00	-250.00	0.00081
-17.00	-250.00	0.00085	-15.00	-250.00	0.00088
-13.00	-250.00	0.00091	-11.00	-250.00	0.00095
-9.00	-250.00	0.00099	9.00	-250.00	0.00186
11.00	-250.00	0.00202	13.00	-250.00	0.00219
15.00	-250.00	0.00235	17.00	-250.00	0.00252
20.00	-250.00	0.00274	25.00	-250.00	0.00304
30.00	-250.00	0.00323	40.00	-250.00	0.00331
50.00	-250.00	0.00312	60.00	-250.00	0.00283
70.00	-250.00	0.00251	80.00	-250.00	0.00220
90.00	-250.00	0.00192	100.00	-250.00	0.00167
-100.00	-240.00	0.00029	-90.00	-240.00	0.00033
-80.00	-240.00	0.00037	-70.00	-240.00	0.00042
-60.00	-240.00	0.00049	-50.00	-240.00	0.00057
-40.00	-240.00	0.00066	-30.00	-240.00	0.00078
-25.00	-240.00	0.00084	-20.00	-240.00	0.00092
-17.00	-240.00	0.00097	-15.00	-240.00	0.00101
-13.00	-240.00	0.00106	-11.00	-240.00	0.00111
-9.00	-240.00	0.00116	9.00	-240.00	0.00272
11.00	-240.00	0.00301	13.00	-240.00	0.00328
15.00	-240.00	0.00354	17.00	-240.00	0.00376
20.00	-240.00	0.00401	25.00	-240.00	0.00424
30.00	-240.00	0.00427	40.00	-240.00	0.00401
50.00	-240.00	0.00357	60.00	-240.00	0.00310
70.00	-240.00	0.00266	80.00	-240.00	0.00228

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00195	100.00	-240.00	0.00166
-100.00	-230.00	0.00033	-90.00	-230.00	0.00037
-80.00	-230.00	0.00042	-70.00	-230.00	0.00048
-60.00	-230.00	0.00055	-50.00	-230.00	0.00065
-40.00	-230.00	0.00076	-30.00	-230.00	0.00089
-25.00	-230.00	0.00097	-20.00	-230.00	0.00106
-17.00	-230.00	0.00112	-15.00	-230.00	0.00117
-13.00	-230.00	0.00122	-11.00	-230.00	0.00129
-9.00	-230.00	0.00137	9.00	-230.00	0.00469
11.00	-230.00	0.00501	13.00	-230.00	0.00522
15.00	-230.00	0.00536	17.00	-230.00	0.00544

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00547	25.00	-230.00	0.00535
30.00	-230.00	0.00511	40.00	-230.00	0.00448
50.00	-230.00	0.00382	60.00	-230.00	0.00323
70.00	-230.00	0.00271	80.00	-230.00	0.00228
90.00	-230.00	0.00191	100.00	-230.00	0.00161
-100.00	-220.00	0.00036	-90.00	-220.00	0.00041
-80.00	-220.00	0.00047	-70.00	-220.00	0.00055
-60.00	-220.00	0.00064	-50.00	-220.00	0.00075
-40.00	-220.00	0.00090	-30.00	-220.00	0.00108
-25.00	-220.00	0.00118	-20.00	-220.00	0.00131
-17.00	-220.00	0.00141	-15.00	-220.00	0.00148
-13.00	-220.00	0.00158	-11.00	-220.00	0.00171
-9.00	-220.00	0.00188	9.00	-220.00	0.00607
11.00	-220.00	0.00613	13.00	-220.00	0.00618
15.00	-220.00	0.00619	17.00	-220.00	0.00617
20.00	-220.00	0.00608	25.00	-220.00	0.00580
30.00	-220.00	0.00544	40.00	-220.00	0.00465
50.00	-220.00	0.00388	60.00	-220.00	0.00322
70.00	-220.00	0.00266	80.00	-220.00	0.00220
90.00	-220.00	0.00182	100.00	-220.00	0.00152
-100.00	-210.00	0.00040	-90.00	-210.00	0.00046
-80.00	-210.00	0.00053	-70.00	-210.00	0.00062
-60.00	-210.00	0.00073	-50.00	-210.00	0.00087

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00106	-30.00	-210.00	0.00132
-25.00	-210.00	0.00150	-20.00	-210.00	0.00171
-17.00	-210.00	0.00187	-15.00	-210.00	0.00199
-13.00	-210.00	0.00213	-11.00	-210.00	0.00227
-9.00	-210.00	0.00245	9.00	-210.00	0.00618
11.00	-210.00	0.00625	13.00	-210.00	0.00629
15.00	-210.00	0.00630	17.00	-210.00	0.00627
20.00	-210.00	0.00616	25.00	-210.00	0.00586
30.00	-210.00	0.00546	40.00	-210.00	0.00460
50.00	-210.00	0.00379	60.00	-210.00	0.00309
70.00	-210.00	0.00252	80.00	-210.00	0.00205
90.00	-210.00	0.00168	100.00	-210.00	0.00139
-100.00	-200.00	0.00044	-90.00	-200.00	0.00050
-80.00	-200.00	0.00059	-70.00	-200.00	0.00069
-60.00	-200.00	0.00083	-50.00	-200.00	0.00101
-40.00	-200.00	0.00125	-30.00	-200.00	0.00160
-25.00	-200.00	0.00182	-20.00	-200.00	0.00205

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00220	-15.00	-200.00	0.00230
-13.00	-200.00	0.00240	-11.00	-200.00	0.00251
-9.00	-200.00	0.00264	9.00	-200.00	0.00617
11.00	-200.00	0.00622	13.00	-200.00	0.00625
15.00	-200.00	0.00625	17.00	-200.00	0.00621
20.00	-200.00	0.00608	25.00	-200.00	0.00575
30.00	-200.00	0.00533	40.00	-200.00	0.00442
50.00	-200.00	0.00358	60.00	-200.00	0.00287
70.00	-200.00	0.00230	80.00	-200.00	0.00185
90.00	-200.00	0.00150	100.00	-200.00	0.00123
-100.00	-190.00	0.00047	-90.00	-190.00	0.00055
-80.00	-190.00	0.00065	-70.00	-190.00	0.00077
-60.00	-190.00	0.00093	-50.00	-190.00	0.00115
-40.00	-190.00	0.00143	-30.00	-190.00	0.00179
-25.00	-190.00	0.00200	-20.00	-190.00	0.00220
-17.00	-190.00	0.00232	-15.00	-190.00	0.00240
-13.00	-190.00	0.00249	-11.00	-190.00	0.00257

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00268	9.00	-190.00	0.00607
11.00	-190.00	0.00611	13.00	-190.00	0.00612
15.00	-190.00	0.00610	17.00	-190.00	0.00604
20.00	-190.00	0.00589	25.00	-190.00	0.00552
30.00	-190.00	0.00507	40.00	-190.00	0.00411
50.00	-190.00	0.00325	60.00	-190.00	0.00255
70.00	-190.00	0.00201	80.00	-190.00	0.00160
90.00	-190.00	0.00129	100.00	-190.00	0.00106
-100.00	-180.00	0.00050	-90.00	-180.00	0.00059
-80.00	-180.00	0.00070	-70.00	-180.00	0.00085
-60.00	-180.00	0.00103	-50.00	-180.00	0.00126
-40.00	-180.00	0.00155	-30.00	-180.00	0.00188
-25.00	-180.00	0.00206	-20.00	-180.00	0.00223
-17.00	-180.00	0.00233	-15.00	-180.00	0.00240
-13.00	-180.00	0.00247	-11.00	-180.00	0.00255
-9.00	-180.00	0.00265	9.00	-180.00	0.00589
11.00	-180.00	0.00590	13.00	-180.00	0.00589
15.00	-180.00	0.00584	17.00	-180.00	0.00576
20.00	-180.00	0.00557	25.00	-180.00	0.00515
30.00	-180.00	0.00465	40.00	-180.00	0.00366
50.00	-180.00	0.00281	60.00	-180.00	0.00216
70.00	-180.00	0.00168	80.00	-180.00	0.00133
90.00	-180.00	0.00107	100.00	-180.00	0.00088

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
 PAGE 106  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00053	-90.00	-170.00	0.00063
-80.00	-170.00	0.00075	-70.00	-170.00	0.00091
-60.00	-170.00	0.00110	-50.00	-170.00	0.00133
-40.00	-170.00	0.00161	-30.00	-170.00	0.00190
-25.00	-170.00	0.00204	-20.00	-170.00	0.00219
-17.00	-170.00	0.00228	-15.00	-170.00	0.00234
-13.00	-170.00	0.00240	-11.00	-170.00	0.00247
-9.00	-170.00	0.00255	9.00	-170.00	0.00559
11.00	-170.00	0.00557	13.00	-170.00	0.00552
15.00	-170.00	0.00543	17.00	-170.00	0.00531
20.00	-170.00	0.00507	25.00	-170.00	0.00457



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00403	40.00	-170.00	0.00303
50.00	-170.00	0.00226	60.00	-170.00	0.00172
70.00	-170.00	0.00134	80.00	-170.00	0.00106
90.00	-170.00	0.00086	100.00	-170.00	0.00071
-100.00	-160.00	0.00056	-90.00	-160.00	0.00066
-80.00	-160.00	0.00079	-70.00	-160.00	0.00094
-60.00	-160.00	0.00113	-50.00	-160.00	0.00136
-40.00	-160.00	0.00161	-30.00	-160.00	0.00186
-25.00	-160.00	0.00199	-20.00	-160.00	0.00211
-17.00	-160.00	0.00218	-15.00	-160.00	0.00223
-13.00	-160.00	0.00228	-11.00	-160.00	0.00234
-9.00	-160.00	0.00241	9.00	-160.00	0.00511
11.00	-160.00	0.00501	13.00	-160.00	0.00490
15.00	-160.00	0.00475	17.00	-160.00	0.00457
20.00	-160.00	0.00425	25.00	-160.00	0.00368
30.00	-160.00	0.00312	40.00	-160.00	0.00225
50.00	-160.00	0.00166	60.00	-160.00	0.00127
70.00	-160.00	0.00100	80.00	-160.00	0.00081
90.00	-160.00	0.00066	100.00	-160.00	0.00056
-100.00	-150.00	0.00058	-90.00	-150.00	0.00068
-80.00	-150.00	0.00080	-70.00	-150.00	0.00095
-60.00	-150.00	0.00113	-50.00	-150.00	0.00134
-40.00	-150.00	0.00156	-30.00	-150.00	0.00179
-25.00	-150.00	0.00190	-20.00	-150.00	0.00200
-17.00	-150.00	0.00206	-15.00	-150.00	0.00209
-13.00	-150.00	0.00213	-11.00	-150.00	0.00217
-9.00	-150.00	0.00223	9.00	-150.00	0.00422
11.00	-150.00	0.00399	13.00	-150.00	0.00376
15.00	-150.00	0.00352	17.00	-150.00	0.00327

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00292	25.00	-150.00	0.00241
30.00	-150.00	0.00201	40.00	-150.00	0.00146
50.00	-150.00	0.00111	60.00	-150.00	0.00088
70.00	-150.00	0.00072	80.00	-150.00	0.00060
90.00	-150.00	0.00051	100.00	-150.00	0.00044

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00068
-80.00	-140.00	0.00079	-70.00	-140.00	0.00093
-60.00	-140.00	0.00109	-50.00	-140.00	0.00127
-40.00	-140.00	0.00147	-30.00	-140.00	0.00167
-25.00	-140.00	0.00176	-20.00	-140.00	0.00185
-17.00	-140.00	0.00189	-15.00	-140.00	0.00192
-13.00	-140.00	0.00194	-11.00	-140.00	0.00196
-9.00	-140.00	0.00199	9.00	-140.00	0.00219
11.00	-140.00	0.00194	13.00	-140.00	0.00176
15.00	-140.00	0.00163	17.00	-140.00	0.00152
20.00	-140.00	0.00139	25.00	-140.00	0.00122
30.00	-140.00	0.00108	40.00	-140.00	0.00087
50.00	-140.00	0.00072	60.00	-140.00	0.00061
70.00	-140.00	0.00052	80.00	-140.00	0.00045
90.00	-140.00	0.00039	100.00	-140.00	0.00034
-100.00	-130.00	0.00057	-90.00	-130.00	0.00066
-80.00	-130.00	0.00076	-70.00	-130.00	0.00088
-60.00	-130.00	0.00102	-50.00	-130.00	0.00116
-40.00	-130.00	0.00131	-30.00	-130.00	0.00146
-25.00	-130.00	0.00152	-20.00	-130.00	0.00156
-17.00	-130.00	0.00157	-15.00	-130.00	0.00156
-13.00	-130.00	0.00154	-11.00	-130.00	0.00150
-9.00	-130.00	0.00143	9.00	-130.00	0.00073
11.00	-130.00	0.00072	13.00	-130.00	0.00071
15.00	-130.00	0.00071	17.00	-130.00	0.00070
20.00	-130.00	0.00068	25.00	-130.00	0.00065
30.00	-130.00	0.00061	40.00	-130.00	0.00054
50.00	-130.00	0.00048	60.00	-130.00	0.00043
70.00	-130.00	0.00038	80.00	-130.00	0.00034
90.00	-130.00	0.00030	100.00	-130.00	0.00027
-100.00	-120.00	0.00055	-90.00	-120.00	0.00063
-80.00	-120.00	0.00072	-70.00	-120.00	0.00082
-60.00	-120.00	0.00092	-50.00	-120.00	0.00103
-40.00	-120.00	0.00112	-30.00	-120.00	0.00117
-25.00	-120.00	0.00116	-20.00	-120.00	0.00111

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 09:58:54  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC                                    URBAN FLAT    FLGPOL    DFAULT      \*\*\*  
    \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):            NCRA\_S5 ,  
    \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
    \*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00105	-15.00	-120.00	0.00100
-13.00	-120.00	0.00093	-11.00	-120.00	0.00087
-9.00	-120.00	0.00080	9.00	-120.00	0.00050
11.00	-120.00	0.00049	13.00	-120.00	0.00048
15.00	-120.00	0.00047	17.00	-120.00	0.00046
20.00	-120.00	0.00045	25.00	-120.00	0.00043
30.00	-120.00	0.00041	40.00	-120.00	0.00038
50.00	-120.00	0.00034	60.00	-120.00	0.00031
70.00	-120.00	0.00029	80.00	-120.00	0.00026
90.00	-120.00	0.00024	100.00	-120.00	0.00022
-100.00	-110.00	0.00053	-90.00	-110.00	0.00059
-80.00	-110.00	0.00066	-70.00	-110.00	0.00074
-60.00	-110.00	0.00081	-50.00	-110.00	0.00086
-40.00	-110.00	0.00089	-30.00	-110.00	0.00084
-25.00	-110.00	0.00079	-20.00	-110.00	0.00071
-17.00	-110.00	0.00065	-15.00	-110.00	0.00062
-13.00	-110.00	0.00058	-11.00	-110.00	0.00055
-9.00	-110.00	0.00052	9.00	-110.00	0.00037
11.00	-110.00	0.00037	13.00	-110.00	0.00037
15.00	-110.00	0.00036	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00031	40.00	-110.00	0.00028
50.00	-110.00	0.00026	60.00	-110.00	0.00024
70.00	-110.00	0.00023	80.00	-110.00	0.00021
90.00	-110.00	0.00019	100.00	-110.00	0.00018
-100.00	-100.00	0.00050	-90.00	-100.00	0.00055
-80.00	-100.00	0.00060	-70.00	-100.00	0.00064
-60.00	-100.00	0.00067	-50.00	-100.00	0.00069
-40.00	-100.00	0.00066	-30.00	-100.00	0.00058
-25.00	-100.00	0.00053	-20.00	-100.00	0.00047
-17.00	-100.00	0.00044	-15.00	-100.00	0.00042
-13.00	-100.00	0.00041	-11.00	-100.00	0.00039
-9.00	-100.00	0.00037	9.00	-100.00	0.00029
11.00	-100.00	0.00029	13.00	-100.00	0.00029
15.00	-100.00	0.00028	17.00	-100.00	0.00028
20.00	-100.00	0.00027	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00022
50.00	-100.00	0.00021	60.00	-100.00	0.00019
70.00	-100.00	0.00018	80.00	-100.00	0.00017
90.00	-100.00	0.00016	100.00	-100.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00045	-90.00	-90.00	0.00049
-80.00	-90.00	0.00052	-70.00	-90.00	0.00054
-60.00	-90.00	0.00055	-50.00	-90.00	0.00053
-40.00	-90.00	0.00048	-30.00	-90.00	0.00041
-25.00	-90.00	0.00038	-20.00	-90.00	0.00034
-17.00	-90.00	0.00033	-15.00	-90.00	0.00031
-13.00	-90.00	0.00030	-11.00	-90.00	0.00029
-9.00	-90.00	0.00028	9.00	-90.00	0.00022
11.00	-90.00	0.00023	13.00	-90.00	0.00023
15.00	-90.00	0.00023	17.00	-90.00	0.00023
20.00	-90.00	0.00022	25.00	-90.00	0.00022
30.00	-90.00	0.00020	40.00	-90.00	0.00018
50.00	-90.00	0.00017	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00014	100.00	-90.00	0.00013
-100.00	-80.00	0.00041	-90.00	-80.00	0.00043
-80.00	-80.00	0.00044	-70.00	-80.00	0.00044
-60.00	-80.00	0.00043	-50.00	-80.00	0.00040
-40.00	-80.00	0.00035	-30.00	-80.00	0.00030
-25.00	-80.00	0.00028	-20.00	-80.00	0.00026
-17.00	-80.00	0.00025	-15.00	-80.00	0.00024
-13.00	-80.00	0.00023	-11.00	-80.00	0.00023
-9.00	-80.00	0.00022	9.00	-80.00	0.00018
11.00	-80.00	0.00018	13.00	-80.00	0.00018
15.00	-80.00	0.00019	17.00	-80.00	0.00019
20.00	-80.00	0.00019	25.00	-80.00	0.00018
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00014	60.00	-80.00	0.00013
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00037
-80.00	-70.00	0.00037	-70.00	-70.00	0.00036
-60.00	-70.00	0.00034	-50.00	-70.00	0.00030
-40.00	-70.00	0.00027	-30.00	-70.00	0.00024
-25.00	-70.00	0.00022	-20.00	-70.00	0.00021
-17.00	-70.00	0.00020	-15.00	-70.00	0.00019
-13.00	-70.00	0.00019	-11.00	-70.00	0.00018



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00011	40.00	-50.00	0.00011
50.00	-50.00	0.00010	60.00	-50.00	0.00009
70.00	-50.00	0.00008	80.00	-50.00	0.00008
90.00	-50.00	0.00007	100.00	-50.00	0.00007
-100.00	-40.00	0.00023	-90.00	-40.00	0.00022
-80.00	-40.00	0.00020	-70.00	-40.00	0.00019
-60.00	-40.00	0.00017	-50.00	-40.00	0.00016
-40.00	-40.00	0.00014	-30.00	-40.00	0.00013
-25.00	-40.00	0.00013	-20.00	-40.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00011	-15.00	-40.00	0.00011
-13.00	-40.00	0.00011	-11.00	-40.00	0.00011
-9.00	-40.00	0.00010	9.00	-40.00	0.00009
11.00	-40.00	0.00009	13.00	-40.00	0.00009
15.00	-40.00	0.00009	17.00	-40.00	0.00009
20.00	-40.00	0.00009	25.00	-40.00	0.00010
30.00	-40.00	0.00010	40.00	-40.00	0.00009
50.00	-40.00	0.00009	60.00	-40.00	0.00008
70.00	-40.00	0.00007	80.00	-40.00	0.00007
90.00	-40.00	0.00007	100.00	-40.00	0.00006
-100.00	-30.00	0.00019	-90.00	-30.00	0.00018
-80.00	-30.00	0.00017	-70.00	-30.00	0.00016
-60.00	-30.00	0.00014	-50.00	-30.00	0.00013
-40.00	-30.00	0.00012	-30.00	-30.00	0.00011
-25.00	-30.00	0.00011	-20.00	-30.00	0.00010
-17.00	-30.00	0.00010	-15.00	-30.00	0.00010
-13.00	-30.00	0.00009	-11.00	-30.00	0.00009
-9.00	-30.00	0.00009	9.00	-30.00	0.00008
11.00	-30.00	0.00008	13.00	-30.00	0.00008
15.00	-30.00	0.00008	17.00	-30.00	0.00008
20.00	-30.00	0.00008	25.00	-30.00	0.00008
30.00	-30.00	0.00008	40.00	-30.00	0.00008
50.00	-30.00	0.00008	60.00	-30.00	0.00007
70.00	-30.00	0.00007	80.00	-30.00	0.00006
90.00	-30.00	0.00006	100.00	-30.00	0.00006

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00016	-90.00	-20.00	0.00015
-80.00	-20.00	0.00014	-70.00	-20.00	0.00013
-60.00	-20.00	0.00012	-50.00	-20.00	0.00011
-40.00	-20.00	0.00010	-30.00	-20.00	0.00010
-25.00	-20.00	0.00009	-20.00	-20.00	0.00009
-17.00	-20.00	0.00008	-15.00	-20.00	0.00008
-13.00	-20.00	0.00008	-11.00	-20.00	0.00008
-9.00	-20.00	0.00008	9.00	-20.00	0.00007
11.00	-20.00	0.00007	13.00	-20.00	0.00007
15.00	-20.00	0.00007	17.00	-20.00	0.00007
20.00	-20.00	0.00007	25.00	-20.00	0.00007
30.00	-20.00	0.00007	40.00	-20.00	0.00007
50.00	-20.00	0.00007	60.00	-20.00	0.00007
70.00	-20.00	0.00006	80.00	-20.00	0.00006
90.00	-20.00	0.00005	100.00	-20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00014	-90.00	-10.00	0.00013
-80.00	-10.00	0.00012	-70.00	-10.00	0.00011
-60.00	-10.00	0.00010	-50.00	-10.00	0.00010
-40.00	-10.00	0.00009	-30.00	-10.00	0.00008
-25.00	-10.00	0.00008	-20.00	-10.00	0.00008
-17.00	-10.00	0.00007	-15.00	-10.00	0.00007
-13.00	-10.00	0.00007	-11.00	-10.00	0.00007
-9.00	-10.00	0.00007	9.00	-10.00	0.00006
11.00	-10.00	0.00006	13.00	-10.00	0.00006
15.00	-10.00	0.00006	17.00	-10.00	0.00006
20.00	-10.00	0.00006	25.00	-10.00	0.00006
30.00	-10.00	0.00007	40.00	-10.00	0.00007
50.00	-10.00	0.00006	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00005
90.00	-10.00	0.00005	100.00	-10.00	0.00005
-100.00	0.00	0.00012	-90.00	0.00	0.00011
-80.00	0.00	0.00010	-70.00	0.00	0.00010
-60.00	0.00	0.00009	-50.00	0.00	0.00008
-40.00	0.00	0.00008	-30.00	0.00	0.00007

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00007	-20.00	0.00	0.00007
-17.00	0.00	0.00007	-15.00	0.00	0.00006
-13.00	0.00	0.00006	-11.00	0.00	0.00006
-9.00	0.00	0.00006	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00006
20.00	0.00	0.00006	25.00	0.00	0.00006
30.00	0.00	0.00006	40.00	0.00	0.00006
50.00	0.00	0.00006	60.00	0.00	0.00006
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00004	100.00	0.00	0.00004
-100.00	10.00	0.00010	-90.00	10.00	0.00010
-80.00	10.00	0.00009	-70.00	10.00	0.00008
-60.00	10.00	0.00008	-50.00	10.00	0.00007
-40.00	10.00	0.00007	-30.00	10.00	0.00007
-25.00	10.00	0.00006	-20.00	10.00	0.00006
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00006	-11.00	10.00	0.00005
-9.00	10.00	0.00005	9.00	10.00	0.00005
11.00	10.00	0.00005	13.00	10.00	0.00005
15.00	10.00	0.00005	17.00	10.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00005	25.00	10.00	0.00005
30.00	10.00	0.00005	40.00	10.00	0.00005
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00004
90.00	10.00	0.00004	100.00	10.00	0.00004
-100.00	20.00	0.00009	-90.00	20.00	0.00008
-80.00	20.00	0.00008	-70.00	20.00	0.00007
-60.00	20.00	0.00007	-50.00	20.00	0.00007
-40.00	20.00	0.00006	-30.00	20.00	0.00006
-25.00	20.00	0.00006	-20.00	20.00	0.00005
-17.00	20.00	0.00005	-15.00	20.00	0.00005
-13.00	20.00	0.00005	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00004	13.00	20.00	0.00004
15.00	20.00	0.00004	17.00	20.00	0.00004
20.00	20.00	0.00004	25.00	20.00	0.00005
30.00	20.00	0.00005	40.00	20.00	0.00005
50.00	20.00	0.00005	60.00	20.00	0.00005
70.00	20.00	0.00004	80.00	20.00	0.00004
90.00	20.00	0.00004	100.00	20.00	0.00004
-100.00	30.00	0.00008	-90.00	30.00	0.00007
-80.00	30.00	0.00007	-70.00	30.00	0.00007
-60.00	30.00	0.00006	-50.00	30.00	0.00006
-40.00	30.00	0.00006	-30.00	30.00	0.00005
-25.00	30.00	0.00005	-20.00	30.00	0.00005
-17.00	30.00	0.00005	-15.00	30.00	0.00005
-13.00	30.00	0.00005	-11.00	30.00	0.00004
-9.00	30.00	0.00004	9.00	30.00	0.00004
11.00	30.00	0.00004	13.00	30.00	0.00004
15.00	30.00	0.00004	17.00	30.00	0.00004
20.00	30.00	0.00004	25.00	30.00	0.00004
30.00	30.00	0.00004	40.00	30.00	0.00004
50.00	30.00	0.00004	60.00	30.00	0.00004
70.00	30.00	0.00004	80.00	30.00	0.00004
90.00	30.00	0.00004	100.00	30.00	0.00003
-100.00	40.00	0.00007	-90.00	40.00	0.00006
-80.00	40.00	0.00006	-70.00	40.00	0.00006
-60.00	40.00	0.00006	-50.00	40.00	0.00005
-40.00	40.00	0.00005	-30.00	40.00	0.00005
-25.00	40.00	0.00005	-20.00	40.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00004	-15.00	40.00	0.00004
-13.00	40.00	0.00004	-11.00	40.00	0.00004
-9.00	40.00	0.00004	9.00	40.00	0.00004
11.00	40.00	0.00004	13.00	40.00	0.00004
15.00	40.00	0.00004	17.00	40.00	0.00004
20.00	40.00	0.00004	25.00	40.00	0.00004
30.00	40.00	0.00004	40.00	40.00	0.00004

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00004	60.00	40.00	0.00004
70.00	40.00	0.00004	80.00	40.00	0.00004
90.00	40.00	0.00003	100.00	40.00	0.00003
-100.00	50.00	0.00006	-90.00	50.00	0.00006
-80.00	50.00	0.00006	-70.00	50.00	0.00005
-60.00	50.00	0.00005	-50.00	50.00	0.00005
-40.00	50.00	0.00005	-30.00	50.00	0.00004
-25.00	50.00	0.00004	-20.00	50.00	0.00004
-17.00	50.00	0.00004	-15.00	50.00	0.00004
-13.00	50.00	0.00004	-11.00	50.00	0.00004
-9.00	50.00	0.00004	9.00	50.00	0.00003
11.00	50.00	0.00003	13.00	50.00	0.00003
15.00	50.00	0.00003	17.00	50.00	0.00003
20.00	50.00	0.00003	25.00	50.00	0.00003
30.00	50.00	0.00003	40.00	50.00	0.00004
50.00	50.00	0.00004	60.00	50.00	0.00004
70.00	50.00	0.00004	80.00	50.00	0.00003
90.00	50.00	0.00003	100.00	50.00	0.00003
-100.00	60.00	0.00005	-90.00	60.00	0.00005
-80.00	60.00	0.00005	-70.00	60.00	0.00005
-60.00	60.00	0.00005	-50.00	60.00	0.00004
-40.00	60.00	0.00004	-30.00	60.00	0.00004
-25.00	60.00	0.00004	-20.00	60.00	0.00004
-17.00	60.00	0.00004	-15.00	60.00	0.00003
-13.00	60.00	0.00003	-11.00	60.00	0.00003
-9.00	60.00	0.00003	9.00	60.00	0.00003
11.00	60.00	0.00003	13.00	60.00	0.00003
15.00	60.00	0.00003	17.00	60.00	0.00003
20.00	60.00	0.00003	25.00	60.00	0.00003
30.00	60.00	0.00003	40.00	60.00	0.00003
50.00	60.00	0.00003	60.00	60.00	0.00003
70.00	60.00	0.00003	80.00	60.00	0.00003
90.00	60.00	0.00003	100.00	60.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00005	-90.00	70.00	0.00005

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00005	-70.00	70.00	0.00004
-60.00	70.00	0.00004	-50.00	70.00	0.00004
-40.00	70.00	0.00004	-30.00	70.00	0.00004
-25.00	70.00	0.00003	-20.00	70.00	0.00003
-17.00	70.00	0.00003	-15.00	70.00	0.00003
-13.00	70.00	0.00003	-11.00	70.00	0.00003
-9.00	70.00	0.00003	9.00	70.00	0.00003
11.00	70.00	0.00003	13.00	70.00	0.00003
15.00	70.00	0.00003	17.00	70.00	0.00003
20.00	70.00	0.00003	25.00	70.00	0.00003
30.00	70.00	0.00003	40.00	70.00	0.00003
50.00	70.00	0.00003	60.00	70.00	0.00003
70.00	70.00	0.00003	80.00	70.00	0.00003
90.00	70.00	0.00003	100.00	70.00	0.00003
-100.00	80.00	0.00004	-90.00	80.00	0.00004
-80.00	80.00	0.00004	-70.00	80.00	0.00004
-60.00	80.00	0.00004	-50.00	80.00	0.00004
-40.00	80.00	0.00004	-30.00	80.00	0.00003
-25.00	80.00	0.00003	-20.00	80.00	0.00003
-17.00	80.00	0.00003	-15.00	80.00	0.00003
-13.00	80.00	0.00003	-11.00	80.00	0.00003
-9.00	80.00	0.00003	9.00	80.00	0.00003
11.00	80.00	0.00003	13.00	80.00	0.00003
15.00	80.00	0.00003	17.00	80.00	0.00003
20.00	80.00	0.00003	25.00	80.00	0.00003
30.00	80.00	0.00003	40.00	80.00	0.00003
50.00	80.00	0.00003	60.00	80.00	0.00003
70.00	80.00	0.00003	80.00	80.00	0.00003
90.00	80.00	0.00003	100.00	80.00	0.00003
-100.00	90.00	0.00004	-90.00	90.00	0.00004
-80.00	90.00	0.00004	-70.00	90.00	0.00004
-60.00	90.00	0.00004	-50.00	90.00	0.00003
-40.00	90.00	0.00003	-30.00	90.00	0.00003
-25.00	90.00	0.00003	-20.00	90.00	0.00003
-17.00	90.00	0.00003	-15.00	90.00	0.00003
-13.00	90.00	0.00003	-11.00	90.00	0.00003
-9.00	90.00	0.00003	9.00	90.00	0.00002
11.00	90.00	0.00002	13.00	90.00	0.00002
15.00	90.00	0.00002	17.00	90.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00002	25.00	90.00	0.00002
30.00	90.00	0.00002	40.00	90.00	0.00003
50.00	90.00	0.00003	60.00	90.00	0.00003
70.00	90.00	0.00003	80.00	90.00	0.00003
90.00	90.00	0.00003	100.00	90.00	0.00002
-100.00	100.00	0.00004	-90.00	100.00	0.00004
-80.00	100.00	0.00004	-70.00	100.00	0.00003
-60.00	100.00	0.00003	-50.00	100.00	0.00003
-40.00	100.00	0.00003	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00002	-11.00	100.00	0.00002
-9.00	100.00	0.00002	9.00	100.00	0.00002
11.00	100.00	0.00002	13.00	100.00	0.00002
15.00	100.00	0.00002	17.00	100.00	0.00002
20.00	100.00	0.00002	25.00	100.00	0.00002
30.00	100.00	0.00002	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00003
70.00	100.00	0.00003	80.00	100.00	0.00003
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00003	-90.00	110.00	0.00003
-80.00	110.00	0.00003	-70.00	110.00	0.00003
-60.00	110.00	0.00003	-50.00	110.00	0.00003
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00002	-20.00	110.00	0.00002
-17.00	110.00	0.00002	-15.00	110.00	0.00002
-13.00	110.00	0.00002	-11.00	110.00	0.00002
-9.00	110.00	0.00002	9.00	110.00	0.00002
11.00	110.00	0.00002	13.00	110.00	0.00002
15.00	110.00	0.00002	17.00	110.00	0.00002
20.00	110.00	0.00002	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00003	-90.00	120.00	0.00003
-80.00	120.00	0.00003	-70.00	120.00	0.00003
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00002

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00002 -20.00 120.00 0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00002	-15.00	120.00	0.00002
-13.00	120.00	0.00002	-11.00	120.00	0.00002
-9.00	120.00	0.00002	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00003	-90.00	130.00	0.00003
-80.00	130.00	0.00003	-70.00	130.00	0.00003
-60.00	130.00	0.00003	-50.00	130.00	0.00003
-40.00	130.00	0.00002	-30.00	130.00	0.00002
-25.00	130.00	0.00002	-20.00	130.00	0.00002
-17.00	130.00	0.00002	-15.00	130.00	0.00002
-13.00	130.00	0.00002	-11.00	130.00	0.00002
-9.00	130.00	0.00002	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00003	-90.00	140.00	0.00003
-80.00	140.00	0.00003	-70.00	140.00	0.00003
-60.00	140.00	0.00002	-50.00	140.00	0.00002
-40.00	140.00	0.00002	-30.00	140.00	0.00002
-25.00	140.00	0.00002	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00002	60.00	140.00	0.00002
70.00	140.00	0.00002	80.00	140.00	0.00002
90.00	140.00	0.00002	100.00	140.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00002	-70.00	150.00	0.00002
-60.00	150.00	0.00002	-50.00	150.00	0.00002
-40.00	150.00	0.00002	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00002
30.00	150.00	0.00002	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00002	-90.00	160.00	0.00002
-80.00	160.00	0.00002	-70.00	160.00	0.00002
-60.00	160.00	0.00002	-50.00	160.00	0.00002
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00002
30.00	160.00	0.00002	40.00	160.00	0.00002

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00002	60.00	160.00	0.00002
70.00	160.00	0.00002	80.00	160.00	0.00002
90.00	160.00	0.00002	100.00	160.00	0.00002
-100.00	170.00	0.00002	-90.00	170.00	0.00002
-80.00	170.00	0.00002	-70.00	170.00	0.00002
-60.00	170.00	0.00002	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00002	9.00	170.00	0.00001
11.00	170.00	0.00001	13.00	170.00	0.00001
15.00	170.00	0.00001	17.00	170.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00001	25.00	170.00	0.00001
30.00	170.00	0.00001	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00002
70.00	170.00	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00002	-90.00	180.00	0.00002
-80.00	180.00	0.00002	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00002
-17.00	180.00	0.00002	-15.00	180.00	0.00001
-13.00	180.00	0.00001	-11.00	180.00	0.00001
-9.00	180.00	0.00001	9.00	180.00	0.00001
11.00	180.00	0.00001	13.00	180.00	0.00001
15.00	180.00	0.00001	17.00	180.00	0.00001
20.00	180.00	0.00001	25.00	180.00	0.00001
30.00	180.00	0.00001	40.00	180.00	0.00001
50.00	180.00	0.00001	60.00	180.00	0.00002
70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00002	-90.00	190.00	0.00002

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00002
-25.00	190.00	0.00001	-20.00	190.00	0.00001
-17.00	190.00	0.00001	-15.00	190.00	0.00001
-13.00	190.00	0.00001	-11.00	190.00	0.00001
-9.00	190.00	0.00001	9.00	190.00	0.00001
11.00	190.00	0.00001	13.00	190.00	0.00001
15.00	190.00	0.00001	17.00	190.00	0.00001
20.00	190.00	0.00001	25.00	190.00	0.00001
30.00	190.00	0.00001	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00002	-30.00	200.00	0.00001
-25.00	200.00	0.00001	-20.00	200.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00001	-15.00	200.00	0.00001
-13.00	200.00	0.00001	-11.00	200.00	0.00001
-9.00	200.00	0.00001	9.00	200.00	0.00001
11.00	200.00	0.00001	13.00	200.00	0.00001
15.00	200.00	0.00001	17.00	200.00	0.00001
20.00	200.00	0.00001	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00001	-30.00	210.00	0.00001
-25.00	210.00	0.00001	-20.00	210.00	0.00001



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00001	-15.00	210.00	0.00001
-13.00	210.00	0.00001	-11.00	210.00	0.00001
-9.00	210.00	0.00001	9.00	210.00	0.00001
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00002	-90.00	220.00	0.00002
-80.00	220.00	0.00002	-70.00	220.00	0.00002
-60.00	220.00	0.00002	-50.00	220.00	0.00001
-40.00	220.00	0.00001	-30.00	220.00	0.00001
-25.00	220.00	0.00001	-20.00	220.00	0.00001
-17.00	220.00	0.00001	-15.00	220.00	0.00001
-13.00	220.00	0.00001	-11.00	220.00	0.00001
-9.00	220.00	0.00001	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00001
-60.00	230.00	0.00001	-50.00	230.00	0.00001
-40.00	230.00	0.00001	-30.00	230.00	0.00001
-25.00	230.00	0.00001	-20.00	230.00	0.00001
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00001	-70.00	240.00	0.00001
-60.00	240.00	0.00001	-50.00	240.00	0.00001
-40.00	240.00	0.00001	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00001	-90.00	250.00	0.00001
-80.00	250.00	0.00001	-70.00	250.00	0.00001
-60.00	250.00	0.00001	-50.00	250.00	0.00001
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00059	-90.00	-250.00	0.00064
-80.00	-250.00	0.00070	-70.00	-250.00	0.00076
-60.00	-250.00	0.00084	-50.00	-250.00	0.00093
-40.00	-250.00	0.00103	-30.00	-250.00	0.00116
-25.00	-250.00	0.00124	-20.00	-250.00	0.00132
-17.00	-250.00	0.00137	-15.00	-250.00	0.00141
-13.00	-250.00	0.00145	-11.00	-250.00	0.00149
-9.00	-250.00	0.00155	9.00	-250.00	0.00250
11.00	-250.00	0.00267	13.00	-250.00	0.00285
15.00	-250.00	0.00303	17.00	-250.00	0.00320
20.00	-250.00	0.00344	25.00	-250.00	0.00378
30.00	-250.00	0.00400	40.00	-250.00	0.00415
50.00	-250.00	0.00404	60.00	-250.00	0.00382
70.00	-250.00	0.00356	80.00	-250.00	0.00331
90.00	-250.00	0.00306	100.00	-250.00	0.00284
-100.00	-240.00	0.00063	-90.00	-240.00	0.00069
-80.00	-240.00	0.00075	-70.00	-240.00	0.00083
-60.00	-240.00	0.00092	-50.00	-240.00	0.00102
-40.00	-240.00	0.00114	-30.00	-240.00	0.00128
-25.00	-240.00	0.00137	-20.00	-240.00	0.00147
-17.00	-240.00	0.00154	-15.00	-240.00	0.00159
-13.00	-240.00	0.00164	-11.00	-240.00	0.00170
-9.00	-240.00	0.00177	9.00	-240.00	0.00342
11.00	-240.00	0.00373	13.00	-240.00	0.00402
15.00	-240.00	0.00429	17.00	-240.00	0.00452
20.00	-240.00	0.00480	25.00	-240.00	0.00506
30.00	-240.00	0.00514	40.00	-240.00	0.00496
50.00	-240.00	0.00461	60.00	-240.00	0.00422
70.00	-240.00	0.00386	80.00	-240.00	0.00353
90.00	-240.00	0.00323	100.00	-240.00	0.00298
-100.00	-230.00	0.00068	-90.00	-230.00	0.00075
-80.00	-230.00	0.00083	-70.00	-230.00	0.00091

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00102	-50.00	-230.00	0.00114
-40.00	-230.00	0.00128	-30.00	-230.00	0.00144
-25.00	-230.00	0.00154	-20.00	-230.00	0.00166
-17.00	-230.00	0.00173	-15.00	-230.00	0.00179
-13.00	-230.00	0.00186	-11.00	-230.00	0.00194
-9.00	-230.00	0.00204	9.00	-230.00	0.00548
11.00	-230.00	0.00581	13.00	-230.00	0.00604
15.00	-230.00	0.00619	17.00	-230.00	0.00629

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00635	25.00	-230.00	0.00628
30.00	-230.00	0.00609	40.00	-230.00	0.00556
50.00	-230.00	0.00501	60.00	-230.00	0.00451
70.00	-230.00	0.00407	80.00	-230.00	0.00369
90.00	-230.00	0.00336	100.00	-230.00	0.00308
-100.00	-220.00	0.00074	-90.00	-220.00	0.00082
-80.00	-220.00	0.00091	-70.00	-220.00	0.00101
-60.00	-220.00	0.00114	-50.00	-220.00	0.00129
-40.00	-220.00	0.00146	-30.00	-220.00	0.00168
-25.00	-220.00	0.00181	-20.00	-220.00	0.00197
-17.00	-220.00	0.00208	-15.00	-220.00	0.00217
-13.00	-220.00	0.00228	-11.00	-220.00	0.00242
-9.00	-220.00	0.00262	9.00	-220.00	0.00695
11.00	-220.00	0.00704	13.00	-220.00	0.00710
15.00	-220.00	0.00713	17.00	-220.00	0.00714
20.00	-220.00	0.00708	25.00	-220.00	0.00687
30.00	-220.00	0.00657	40.00	-220.00	0.00590
50.00	-220.00	0.00526	60.00	-220.00	0.00470
70.00	-220.00	0.00421	80.00	-220.00	0.00380
90.00	-220.00	0.00345	100.00	-220.00	0.00315
-100.00	-210.00	0.00080	-90.00	-210.00	0.00089
-80.00	-210.00	0.00099	-70.00	-210.00	0.00111
-60.00	-210.00	0.00127	-50.00	-210.00	0.00145
-40.00	-210.00	0.00168	-30.00	-210.00	0.00199
-25.00	-210.00	0.00219	-20.00	-210.00	0.00244
-17.00	-210.00	0.00262	-15.00	-210.00	0.00275

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00290	-11.00	-210.00	0.00307
-9.00	-210.00	0.00326	9.00	-210.00	0.00719
11.00	-210.00	0.00727	13.00	-210.00	0.00734
15.00	-210.00	0.00738	17.00	-210.00	0.00738
20.00	-210.00	0.00732	25.00	-210.00	0.00709
30.00	-210.00	0.00678	40.00	-210.00	0.00608
50.00	-210.00	0.00541	60.00	-210.00	0.00482
70.00	-210.00	0.00431	80.00	-210.00	0.00388
90.00	-210.00	0.00352	100.00	-210.00	0.00321
-100.00	-200.00	0.00086	-90.00	-200.00	0.00096
-80.00	-200.00	0.00108	-70.00	-200.00	0.00122
-60.00	-200.00	0.00141	-50.00	-200.00	0.00164
-40.00	-200.00	0.00194	-30.00	-200.00	0.00234
-25.00	-200.00	0.00258	-20.00	-200.00	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00302	-15.00	-200.00	0.00314
-13.00	-200.00	0.00326	-11.00	-200.00	0.00340
-9.00	-200.00	0.00355	9.00	-200.00	0.00732
11.00	-200.00	0.00740	13.00	-200.00	0.00747
15.00	-200.00	0.00750	17.00	-200.00	0.00750
20.00	-200.00	0.00743	25.00	-200.00	0.00721
30.00	-200.00	0.00689	40.00	-200.00	0.00618
50.00	-200.00	0.00549	60.00	-200.00	0.00489
70.00	-200.00	0.00437	80.00	-200.00	0.00394
90.00	-200.00	0.00357	100.00	-200.00	0.00325
-100.00	-190.00	0.00092	-90.00	-190.00	0.00103
-80.00	-190.00	0.00117	-70.00	-190.00	0.00134
-60.00	-190.00	0.00156	-50.00	-190.00	0.00183
-40.00	-190.00	0.00218	-30.00	-190.00	0.00261
-25.00	-190.00	0.00285	-20.00	-190.00	0.00310
-17.00	-190.00	0.00324	-15.00	-190.00	0.00334
-13.00	-190.00	0.00345	-11.00	-190.00	0.00357
-9.00	-190.00	0.00370	9.00	-190.00	0.00741
11.00	-190.00	0.00749	13.00	-190.00	0.00755
15.00	-190.00	0.00758	17.00	-190.00	0.00757

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00751	25.00	-190.00	0.00728
30.00	-190.00	0.00696	40.00	-190.00	0.00625
50.00	-190.00	0.00555	60.00	-190.00	0.00494
70.00	-190.00	0.00442	80.00	-190.00	0.00398
90.00	-190.00	0.00360	100.00	-190.00	0.00328
-100.00	-180.00	0.00098	-90.00	-180.00	0.00111
-80.00	-180.00	0.00127	-70.00	-180.00	0.00146
-60.00	-180.00	0.00170	-50.00	-180.00	0.00200
-40.00	-180.00	0.00237	-30.00	-180.00	0.00279
-25.00	-180.00	0.00301	-20.00	-180.00	0.00323
-17.00	-180.00	0.00337	-15.00	-180.00	0.00346
-13.00	-180.00	0.00356	-11.00	-180.00	0.00367
-9.00	-180.00	0.00380	9.00	-180.00	0.00748
11.00	-180.00	0.00756	13.00	-180.00	0.00761
15.00	-180.00	0.00764	17.00	-180.00	0.00763
20.00	-180.00	0.00756	25.00	-180.00	0.00733
30.00	-180.00	0.00701	40.00	-180.00	0.00629
50.00	-180.00	0.00559	60.00	-180.00	0.00498
70.00	-180.00	0.00445	80.00	-180.00	0.00400
90.00	-180.00	0.00362	100.00	-180.00	0.00330

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTS:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00105	-90.00	-170.00	0.00119
-80.00	-170.00	0.00136	-70.00	-170.00	0.00157
-60.00	-170.00	0.00183	-50.00	-170.00	0.00214
-40.00	-170.00	0.00250	-30.00	-170.00	0.00290
-25.00	-170.00	0.00311	-20.00	-170.00	0.00332
-17.00	-170.00	0.00345	-15.00	-170.00	0.00354
-13.00	-170.00	0.00363	-11.00	-170.00	0.00374
-9.00	-170.00	0.00386	9.00	-170.00	0.00752
11.00	-170.00	0.00760	13.00	-170.00	0.00766
15.00	-170.00	0.00768	17.00	-170.00	0.00768
20.00	-170.00	0.00760	25.00	-170.00	0.00737
30.00	-170.00	0.00705	40.00	-170.00	0.00632
50.00	-170.00	0.00562	60.00	-170.00	0.00500
70.00	-170.00	0.00448	80.00	-170.00	0.00403

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00364	100.00	-170.00	0.00331
-100.00	-160.00	0.00111	-90.00	-160.00	0.00126
-80.00	-160.00	0.00144	-70.00	-160.00	0.00166
-60.00	-160.00	0.00193	-50.00	-160.00	0.00224
-40.00	-160.00	0.00259	-30.00	-160.00	0.00298
-25.00	-160.00	0.00318	-20.00	-160.00	0.00338
-17.00	-160.00	0.00350	-15.00	-160.00	0.00359
-13.00	-160.00	0.00368	-11.00	-160.00	0.00379
-9.00	-160.00	0.00391	9.00	-160.00	0.00756
11.00	-160.00	0.00763	13.00	-160.00	0.00769
15.00	-160.00	0.00772	17.00	-160.00	0.00771
20.00	-160.00	0.00764	25.00	-160.00	0.00739
30.00	-160.00	0.00707	40.00	-160.00	0.00634
50.00	-160.00	0.00564	60.00	-160.00	0.00502
70.00	-160.00	0.00449	80.00	-160.00	0.00404
90.00	-160.00	0.00366	100.00	-160.00	0.00333
-100.00	-150.00	0.00117	-90.00	-150.00	0.00133
-80.00	-150.00	0.00152	-70.00	-150.00	0.00174
-60.00	-150.00	0.00201	-50.00	-150.00	0.00231
-40.00	-150.00	0.00265	-30.00	-150.00	0.00303
-25.00	-150.00	0.00322	-20.00	-150.00	0.00342
-17.00	-150.00	0.00355	-15.00	-150.00	0.00363
-13.00	-150.00	0.00372	-11.00	-150.00	0.00382
-9.00	-150.00	0.00394	9.00	-150.00	0.00758
11.00	-150.00	0.00766	13.00	-150.00	0.00772
15.00	-150.00	0.00775	17.00	-150.00	0.00774

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00766	25.00	-150.00	0.00742
30.00	-150.00	0.00709	40.00	-150.00	0.00636
50.00	-150.00	0.00565	60.00	-150.00	0.00503
70.00	-150.00	0.00450	80.00	-150.00	0.00405
90.00	-150.00	0.00366	100.00	-150.00	0.00333
-100.00	-140.00	0.00122	-90.00	-140.00	0.00139
-80.00	-140.00	0.00158	-70.00	-140.00	0.00180
-60.00	-140.00	0.00206	-50.00	-140.00	0.00236

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00270	-30.00	-140.00	0.00306
-25.00	-140.00	0.00325	-20.00	-140.00	0.00345
-17.00	-140.00	0.00357	-15.00	-140.00	0.00365
-13.00	-140.00	0.00374	-11.00	-140.00	0.00385
-9.00	-140.00	0.00397	9.00	-140.00	0.00761
11.00	-140.00	0.00769	13.00	-140.00	0.00774
15.00	-140.00	0.00776	17.00	-140.00	0.00775
20.00	-140.00	0.00768	25.00	-140.00	0.00744
30.00	-140.00	0.00711	40.00	-140.00	0.00637
50.00	-140.00	0.00566	60.00	-140.00	0.00504
70.00	-140.00	0.00451	80.00	-140.00	0.00406
90.00	-140.00	0.00367	100.00	-140.00	0.00334
-100.00	-130.00	0.00127	-90.00	-130.00	0.00144
-80.00	-130.00	0.00163	-70.00	-130.00	0.00185
-60.00	-130.00	0.00211	-50.00	-130.00	0.00240
-40.00	-130.00	0.00273	-30.00	-130.00	0.00309
-25.00	-130.00	0.00328	-20.00	-130.00	0.00347
-17.00	-130.00	0.00359	-15.00	-130.00	0.00367
-13.00	-130.00	0.00376	-11.00	-130.00	0.00387
-9.00	-130.00	0.00399	9.00	-130.00	0.00761
11.00	-130.00	0.00770	13.00	-130.00	0.00775
15.00	-130.00	0.00778	17.00	-130.00	0.00777
20.00	-130.00	0.00769	25.00	-130.00	0.00745
30.00	-130.00	0.00711	40.00	-130.00	0.00638
50.00	-130.00	0.00567	60.00	-130.00	0.00505
70.00	-130.00	0.00451	80.00	-130.00	0.00406
90.00	-130.00	0.00367	100.00	-130.00	0.00334
-100.00	-120.00	0.00131	-90.00	-120.00	0.00147
-80.00	-120.00	0.00167	-70.00	-120.00	0.00188
-60.00	-120.00	0.00214	-50.00	-120.00	0.00243
-40.00	-120.00	0.00275	-30.00	-120.00	0.00311
-25.00	-120.00	0.00330	-20.00	-120.00	0.00349

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00361	-15.00	-120.00	0.00369
-13.00	-120.00	0.00378	-11.00	-120.00	0.00388



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00400	9.00	-120.00	0.00762
11.00	-120.00	0.00770	13.00	-120.00	0.00776
15.00	-120.00	0.00778	17.00	-120.00	0.00778
20.00	-120.00	0.00770	25.00	-120.00	0.00745
30.00	-120.00	0.00712	40.00	-120.00	0.00638
50.00	-120.00	0.00567	60.00	-120.00	0.00505
70.00	-120.00	0.00451	80.00	-120.00	0.00406
90.00	-120.00	0.00367	100.00	-120.00	0.00333
-100.00	-110.00	0.00134	-90.00	-110.00	0.00151
-80.00	-110.00	0.00169	-70.00	-110.00	0.00191
-60.00	-110.00	0.00216	-50.00	-110.00	0.00245
-40.00	-110.00	0.00277	-30.00	-110.00	0.00312
-25.00	-110.00	0.00331	-20.00	-110.00	0.00350
-17.00	-110.00	0.00362	-15.00	-110.00	0.00370
-13.00	-110.00	0.00379	-11.00	-110.00	0.00388
-9.00	-110.00	0.00400	9.00	-110.00	0.00762
11.00	-110.00	0.00770	13.00	-110.00	0.00776
15.00	-110.00	0.00779	17.00	-110.00	0.00778
20.00	-110.00	0.00770	25.00	-110.00	0.00746
30.00	-110.00	0.00713	40.00	-110.00	0.00639
50.00	-110.00	0.00568	60.00	-110.00	0.00505
70.00	-110.00	0.00451	80.00	-110.00	0.00406
90.00	-110.00	0.00367	100.00	-110.00	0.00333
-100.00	-100.00	0.00137	-90.00	-100.00	0.00153
-80.00	-100.00	0.00172	-70.00	-100.00	0.00193
-60.00	-100.00	0.00218	-50.00	-100.00	0.00246
-40.00	-100.00	0.00278	-30.00	-100.00	0.00313
-25.00	-100.00	0.00332	-20.00	-100.00	0.00351
-17.00	-100.00	0.00362	-15.00	-100.00	0.00370
-13.00	-100.00	0.00379	-11.00	-100.00	0.00389
-9.00	-100.00	0.00401	9.00	-100.00	0.00762
11.00	-100.00	0.00771	13.00	-100.00	0.00777
15.00	-100.00	0.00779	17.00	-100.00	0.00778
20.00	-100.00	0.00771	25.00	-100.00	0.00746
30.00	-100.00	0.00713	40.00	-100.00	0.00639
50.00	-100.00	0.00568	60.00	-100.00	0.00505
70.00	-100.00	0.00451	80.00	-100.00	0.00405
90.00	-100.00	0.00366	100.00	-100.00	0.00332

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00139	-90.00	-90.00	0.00155
-80.00	-90.00	0.00173	-70.00	-90.00	0.00195
-60.00	-90.00	0.00219	-50.00	-90.00	0.00247
-40.00	-90.00	0.00279	-30.00	-90.00	0.00314
-25.00	-90.00	0.00332	-20.00	-90.00	0.00351
-17.00	-90.00	0.00363	-15.00	-90.00	0.00371
-13.00	-90.00	0.00379	-11.00	-90.00	0.00389
-9.00	-90.00	0.00401	9.00	-90.00	0.00762
11.00	-90.00	0.00771	13.00	-90.00	0.00776
15.00	-90.00	0.00779	17.00	-90.00	0.00778
20.00	-90.00	0.00771	25.00	-90.00	0.00747
30.00	-90.00	0.00713	40.00	-90.00	0.00639
50.00	-90.00	0.00567	60.00	-90.00	0.00504
70.00	-90.00	0.00450	80.00	-90.00	0.00404
90.00	-90.00	0.00365	100.00	-90.00	0.00331
-100.00	-80.00	0.00140	-90.00	-80.00	0.00156
-80.00	-80.00	0.00175	-70.00	-80.00	0.00196
-60.00	-80.00	0.00220	-50.00	-80.00	0.00248
-40.00	-80.00	0.00279	-30.00	-80.00	0.00314
-25.00	-80.00	0.00333	-20.00	-80.00	0.00351
-17.00	-80.00	0.00363	-15.00	-80.00	0.00371
-13.00	-80.00	0.00380	-11.00	-80.00	0.00389
-9.00	-80.00	0.00401	9.00	-80.00	0.00762
11.00	-80.00	0.00770	13.00	-80.00	0.00776
15.00	-80.00	0.00779	17.00	-80.00	0.00778
20.00	-80.00	0.00771	25.00	-80.00	0.00746
30.00	-80.00	0.00713	40.00	-80.00	0.00639
50.00	-80.00	0.00567	60.00	-80.00	0.00504
70.00	-80.00	0.00450	80.00	-80.00	0.00404
90.00	-80.00	0.00364	100.00	-80.00	0.00330
-100.00	-70.00	0.00142	-90.00	-70.00	0.00157
-80.00	-70.00	0.00176	-70.00	-70.00	0.00196
-60.00	-70.00	0.00220	-50.00	-70.00	0.00248
-40.00	-70.00	0.00280	-30.00	-70.00	0.00314
-25.00	-70.00	0.00333	-20.00	-70.00	0.00352
-17.00	-70.00	0.00363	-15.00	-70.00	0.00371
-13.00	-70.00	0.00380	-11.00	-70.00	0.00389
-9.00	-70.00	0.00401	9.00	-70.00	0.00762
11.00	-70.00	0.00770	13.00	-70.00	0.00776
15.00	-70.00	0.00779	17.00	-70.00	0.00778

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00770	25.00	-70.00	0.00746
30.00	-70.00	0.00713	40.00	-70.00	0.00638
50.00	-70.00	0.00566	60.00	-70.00	0.00503
70.00	-70.00	0.00449	80.00	-70.00	0.00403
90.00	-70.00	0.00363	100.00	-70.00	0.00329
-100.00	-60.00	0.00143	-90.00	-60.00	0.00158
-80.00	-60.00	0.00176	-70.00	-60.00	0.00197
-60.00	-60.00	0.00221	-50.00	-60.00	0.00248
-40.00	-60.00	0.00280	-30.00	-60.00	0.00314
-25.00	-60.00	0.00333	-20.00	-60.00	0.00351
-17.00	-60.00	0.00363	-15.00	-60.00	0.00371
-13.00	-60.00	0.00379	-11.00	-60.00	0.00389
-9.00	-60.00	0.00400	9.00	-60.00	0.00762
11.00	-60.00	0.00770	13.00	-60.00	0.00775
15.00	-60.00	0.00778	17.00	-60.00	0.00777
20.00	-60.00	0.00770	25.00	-60.00	0.00746
30.00	-60.00	0.00712	40.00	-60.00	0.00637
50.00	-60.00	0.00566	60.00	-60.00	0.00502
70.00	-60.00	0.00448	80.00	-60.00	0.00401
90.00	-60.00	0.00362	100.00	-60.00	0.00328
-100.00	-50.00	0.00143	-90.00	-50.00	0.00159
-80.00	-50.00	0.00177	-70.00	-50.00	0.00197
-60.00	-50.00	0.00221	-50.00	-50.00	0.00248
-40.00	-50.00	0.00280	-30.00	-50.00	0.00314
-25.00	-50.00	0.00332	-20.00	-50.00	0.00351
-17.00	-50.00	0.00363	-15.00	-50.00	0.00370
-13.00	-50.00	0.00379	-11.00	-50.00	0.00389
-9.00	-50.00	0.00401	9.00	-50.00	0.00762
11.00	-50.00	0.00770	13.00	-50.00	0.00775
15.00	-50.00	0.00777	17.00	-50.00	0.00776
20.00	-50.00	0.00769	25.00	-50.00	0.00745
30.00	-50.00	0.00711	40.00	-50.00	0.00636
50.00	-50.00	0.00565	60.00	-50.00	0.00501
70.00	-50.00	0.00446	80.00	-50.00	0.00400

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00360	100.00	-50.00	0.00326
-100.00	-40.00	0.00144	-90.00	-40.00	0.00159
-80.00	-40.00	0.00177	-70.00	-40.00	0.00197
-60.00	-40.00	0.00221	-50.00	-40.00	0.00248
-40.00	-40.00	0.00279	-30.00	-40.00	0.00314
-25.00	-40.00	0.00332	-20.00	-40.00	0.00351

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00362	-15.00	-40.00	0.00370
-13.00	-40.00	0.00378	-11.00	-40.00	0.00388
-9.00	-40.00	0.00400	9.00	-40.00	0.00760
11.00	-40.00	0.00769	13.00	-40.00	0.00774
15.00	-40.00	0.00777	17.00	-40.00	0.00776
20.00	-40.00	0.00768	25.00	-40.00	0.00744
30.00	-40.00	0.00710	40.00	-40.00	0.00636
50.00	-40.00	0.00563	60.00	-40.00	0.00500
70.00	-40.00	0.00445	80.00	-40.00	0.00398
90.00	-40.00	0.00358	100.00	-40.00	0.00324
-100.00	-30.00	0.00144	-90.00	-30.00	0.00159
-80.00	-30.00	0.00177	-70.00	-30.00	0.00197
-60.00	-30.00	0.00221	-50.00	-30.00	0.00248
-40.00	-30.00	0.00279	-30.00	-30.00	0.00313
-25.00	-30.00	0.00332	-20.00	-30.00	0.00350
-17.00	-30.00	0.00361	-15.00	-30.00	0.00369
-13.00	-30.00	0.00378	-11.00	-30.00	0.00387
-9.00	-30.00	0.00399	9.00	-30.00	0.00759
11.00	-30.00	0.00767	13.00	-30.00	0.00773
15.00	-30.00	0.00776	17.00	-30.00	0.00775
20.00	-30.00	0.00767	25.00	-30.00	0.00742
30.00	-30.00	0.00709	40.00	-30.00	0.00634
50.00	-30.00	0.00562	60.00	-30.00	0.00498
70.00	-30.00	0.00443	80.00	-30.00	0.00396
90.00	-30.00	0.00356	100.00	-30.00	0.00322
-100.00	-20.00	0.00144	-90.00	-20.00	0.00159
-80.00	-20.00	0.00176	-70.00	-20.00	0.00197
-60.00	-20.00	0.00220	-50.00	-20.00	0.00248

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00279	-30.00	-20.00	0.00313
-25.00	-20.00	0.00331	-20.00	-20.00	0.00349
-17.00	-20.00	0.00360	-15.00	-20.00	0.00368
-13.00	-20.00	0.00377	-11.00	-20.00	0.00386
-9.00	-20.00	0.00398	9.00	-20.00	0.00758
11.00	-20.00	0.00766	13.00	-20.00	0.00772
15.00	-20.00	0.00774	17.00	-20.00	0.00773
20.00	-20.00	0.00766	25.00	-20.00	0.00741
30.00	-20.00	0.00708	40.00	-20.00	0.00633
50.00	-20.00	0.00561	60.00	-20.00	0.00497
70.00	-20.00	0.00441	80.00	-20.00	0.00394
90.00	-20.00	0.00354	100.00	-20.00	0.00319

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00143	-90.00	-10.00	0.00159
-80.00	-10.00	0.00176	-70.00	-10.00	0.00196
-60.00	-10.00	0.00220	-50.00	-10.00	0.00247
-40.00	-10.00	0.00278	-30.00	-10.00	0.00312
-25.00	-10.00	0.00330	-20.00	-10.00	0.00348
-17.00	-10.00	0.00359	-15.00	-10.00	0.00367
-13.00	-10.00	0.00376	-11.00	-10.00	0.00385
-9.00	-10.00	0.00397	9.00	-10.00	0.00757
11.00	-10.00	0.00764	13.00	-10.00	0.00771
15.00	-10.00	0.00773	17.00	-10.00	0.00772
20.00	-10.00	0.00764	25.00	-10.00	0.00740
30.00	-10.00	0.00706	40.00	-10.00	0.00631
50.00	-10.00	0.00559	60.00	-10.00	0.00495
70.00	-10.00	0.00439	80.00	-10.00	0.00392
90.00	-10.00	0.00351	100.00	-10.00	0.00317
-100.00	0.00	0.00143	-90.00	0.00	0.00158
-80.00	0.00	0.00176	-70.00	0.00	0.00196
-60.00	0.00	0.00219	-50.00	0.00	0.00246
-40.00	0.00	0.00277	-30.00	0.00	0.00311
-25.00	0.00	0.00329	-20.00	0.00	0.00347
-17.00	0.00	0.00358	-15.00	0.00	0.00366
-13.00	0.00	0.00374	-11.00	0.00	0.00384

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00395	9.00	0.00	0.00755
11.00	0.00	0.00763	13.00	0.00	0.00769
15.00	0.00	0.00771	17.00	0.00	0.00770
20.00	0.00	0.00763	25.00	0.00	0.00738
30.00	0.00	0.00705	40.00	0.00	0.00629
50.00	0.00	0.00557	60.00	0.00	0.00492
70.00	0.00	0.00437	80.00	0.00	0.00389
90.00	0.00	0.00349	100.00	0.00	0.00314
-100.00	10.00	0.00143	-90.00	10.00	0.00158
-80.00	10.00	0.00175	-70.00	10.00	0.00195
-60.00	10.00	0.00218	-50.00	10.00	0.00245
-40.00	10.00	0.00276	-30.00	10.00	0.00310
-25.00	10.00	0.00328	-20.00	10.00	0.00346
-17.00	10.00	0.00357	-15.00	10.00	0.00365
-13.00	10.00	0.00373	-11.00	10.00	0.00382
-9.00	10.00	0.00394	9.00	10.00	0.00753
11.00	10.00	0.00761	13.00	10.00	0.00767
15.00	10.00	0.00769	17.00	10.00	0.00768

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00761	25.00	10.00	0.00736
30.00	10.00	0.00703	40.00	10.00	0.00627
50.00	10.00	0.00554	60.00	10.00	0.00490
70.00	10.00	0.00434	80.00	10.00	0.00386
90.00	10.00	0.00345	100.00	10.00	0.00310
-100.00	20.00	0.00142	-90.00	20.00	0.00157
-80.00	20.00	0.00174	-70.00	20.00	0.00194
-60.00	20.00	0.00218	-50.00	20.00	0.00244
-40.00	20.00	0.00275	-30.00	20.00	0.00309
-25.00	20.00	0.00326	-20.00	20.00	0.00345
-17.00	20.00	0.00356	-15.00	20.00	0.00363
-13.00	20.00	0.00372	-11.00	20.00	0.00381
-9.00	20.00	0.00392	9.00	20.00	0.00752
11.00	20.00	0.00759	13.00	20.00	0.00765
15.00	20.00	0.00768	17.00	20.00	0.00767
20.00	20.00	0.00759	25.00	20.00	0.00734

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00700	40.00	20.00	0.00625
50.00	20.00	0.00552	60.00	20.00	0.00487
70.00	20.00	0.00431	80.00	20.00	0.00383
90.00	20.00	0.00342	100.00	20.00	0.00306
-100.00	30.00	0.00141	-90.00	30.00	0.00156
-80.00	30.00	0.00173	-70.00	30.00	0.00193
-60.00	30.00	0.00217	-50.00	30.00	0.00243
-40.00	30.00	0.00274	-30.00	30.00	0.00307
-25.00	30.00	0.00325	-20.00	30.00	0.00343
-17.00	30.00	0.00354	-15.00	30.00	0.00362
-13.00	30.00	0.00370	-11.00	30.00	0.00379
-9.00	30.00	0.00390	9.00	30.00	0.00750
11.00	30.00	0.00758	13.00	30.00	0.00763
15.00	30.00	0.00766	17.00	30.00	0.00764
20.00	30.00	0.00757	25.00	30.00	0.00732
30.00	30.00	0.00698	40.00	30.00	0.00622
50.00	30.00	0.00548	60.00	30.00	0.00483
70.00	30.00	0.00427	80.00	30.00	0.00379
90.00	30.00	0.00337	100.00	30.00	0.00302
-100.00	40.00	0.00140	-90.00	40.00	0.00155
-80.00	40.00	0.00172	-70.00	40.00	0.00192
-60.00	40.00	0.00215	-50.00	40.00	0.00242
-40.00	40.00	0.00272	-30.00	40.00	0.00305
-25.00	40.00	0.00323	-20.00	40.00	0.00341

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:58:54

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00352	-15.00	40.00	0.00360
-13.00	40.00	0.00368	-11.00	40.00	0.00378
-9.00	40.00	0.00389	9.00	40.00	0.00748
11.00	40.00	0.00756	13.00	40.00	0.00760
15.00	40.00	0.00763	17.00	40.00	0.00762
20.00	40.00	0.00754	25.00	40.00	0.00729
30.00	40.00	0.00695	40.00	40.00	0.00618
50.00	40.00	0.00545	60.00	40.00	0.00479
70.00	40.00	0.00423	80.00	40.00	0.00374
90.00	40.00	0.00333	100.00	40.00	0.00297

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00139	-90.00	50.00	0.00154
-80.00	50.00	0.00171	-70.00	50.00	0.00191
-60.00	50.00	0.00214	-50.00	50.00	0.00241
-40.00	50.00	0.00271	-30.00	50.00	0.00304
-25.00	50.00	0.00321	-20.00	50.00	0.00339
-17.00	50.00	0.00350	-15.00	50.00	0.00358
-13.00	50.00	0.00366	-11.00	50.00	0.00375
-9.00	50.00	0.00387	9.00	50.00	0.00745
11.00	50.00	0.00753	13.00	50.00	0.00758
15.00	50.00	0.00760	17.00	50.00	0.00759
20.00	50.00	0.00751	25.00	50.00	0.00726
30.00	50.00	0.00691	40.00	50.00	0.00615
50.00	50.00	0.00541	60.00	50.00	0.00475
70.00	50.00	0.00418	80.00	50.00	0.00369
90.00	50.00	0.00327	100.00	50.00	0.00291
-100.00	60.00	0.00138	-90.00	60.00	0.00153
-80.00	60.00	0.00169	-70.00	60.00	0.00189
-60.00	60.00	0.00212	-50.00	60.00	0.00239
-40.00	60.00	0.00269	-30.00	60.00	0.00302
-25.00	60.00	0.00319	-20.00	60.00	0.00337
-17.00	60.00	0.00348	-15.00	60.00	0.00355
-13.00	60.00	0.00363	-11.00	60.00	0.00373
-9.00	60.00	0.00384	9.00	60.00	0.00741
11.00	60.00	0.00749	13.00	60.00	0.00755
15.00	60.00	0.00757	17.00	60.00	0.00756
20.00	60.00	0.00748	25.00	60.00	0.00722
30.00	60.00	0.00687	40.00	60.00	0.00611
50.00	60.00	0.00536	60.00	60.00	0.00470
70.00	60.00	0.00413	80.00	60.00	0.00363
90.00	60.00	0.00321	100.00	60.00	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00137	-90.00	70.00	0.00151
-80.00	70.00	0.00168	-70.00	70.00	0.00188
-60.00	70.00	0.00210	-50.00	70.00	0.00237
-40.00	70.00	0.00267	-30.00	70.00	0.00300



02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00317	-20.00	70.00	0.00334
-17.00	70.00	0.00345	-15.00	70.00	0.00353
-13.00	70.00	0.00361	-11.00	70.00	0.00370
-9.00	70.00	0.00381	9.00	70.00	0.00738
11.00	70.00	0.00745	13.00	70.00	0.00751
15.00	70.00	0.00753	17.00	70.00	0.00752
20.00	70.00	0.00743	25.00	70.00	0.00718
30.00	70.00	0.00683	40.00	70.00	0.00606
50.00	70.00	0.00531	60.00	70.00	0.00464
70.00	70.00	0.00406	80.00	70.00	0.00357
90.00	70.00	0.00314	100.00	70.00	0.00278
-100.00	80.00	0.00135	-90.00	80.00	0.00150
-80.00	80.00	0.00166	-70.00	80.00	0.00186
-60.00	80.00	0.00208	-50.00	80.00	0.00235
-40.00	80.00	0.00265	-30.00	80.00	0.00297
-25.00	80.00	0.00314	-20.00	80.00	0.00332
-17.00	80.00	0.00342	-15.00	80.00	0.00350
-13.00	80.00	0.00358	-11.00	80.00	0.00366
-9.00	80.00	0.00378	9.00	80.00	0.00734
11.00	80.00	0.00741	13.00	80.00	0.00747
15.00	80.00	0.00749	17.00	80.00	0.00747
20.00	80.00	0.00739	25.00	80.00	0.00713
30.00	80.00	0.00678	40.00	80.00	0.00600
50.00	80.00	0.00525	60.00	80.00	0.00457
70.00	80.00	0.00399	80.00	80.00	0.00349
90.00	80.00	0.00306	100.00	80.00	0.00270
-100.00	90.00	0.00134	-90.00	90.00	0.00148
-80.00	90.00	0.00164	-70.00	90.00	0.00184
-60.00	90.00	0.00206	-50.00	90.00	0.00232
-40.00	90.00	0.00262	-30.00	90.00	0.00294
-25.00	90.00	0.00311	-20.00	90.00	0.00328
-17.00	90.00	0.00339	-15.00	90.00	0.00346
-13.00	90.00	0.00354	-11.00	90.00	0.00363
-9.00	90.00	0.00374	9.00	90.00	0.00729
11.00	90.00	0.00737	13.00	90.00	0.00742
15.00	90.00	0.00744	17.00	90.00	0.00742

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

02NCRA PL92-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00734	25.00	90.00	0.00708
30.00	90.00	0.00673	40.00	90.00	0.00594
50.00	90.00	0.00517	60.00	90.00	0.00449
70.00	90.00	0.00390	80.00	90.00	0.00340
90.00	90.00	0.00297	100.00	90.00	0.00260
-100.00	100.00	0.00132	-90.00	100.00	0.00146
-80.00	100.00	0.00162	-70.00	100.00	0.00181
-60.00	100.00	0.00204	-50.00	100.00	0.00230
-40.00	100.00	0.00259	-30.00	100.00	0.00291
-25.00	100.00	0.00308	-20.00	100.00	0.00325
-17.00	100.00	0.00335	-15.00	100.00	0.00342
-13.00	100.00	0.00350	-11.00	100.00	0.00359
-9.00	100.00	0.00370	9.00	100.00	0.00724
11.00	100.00	0.00731	13.00	100.00	0.00737
15.00	100.00	0.00738	17.00	100.00	0.00737
20.00	100.00	0.00728	25.00	100.00	0.00701
30.00	100.00	0.00666	40.00	100.00	0.00586
50.00	100.00	0.00509	60.00	100.00	0.00440
70.00	100.00	0.00380	80.00	100.00	0.00329
90.00	100.00	0.00286	100.00	100.00	0.00250
-100.00	110.00	0.00131	-90.00	110.00	0.00144
-80.00	110.00	0.00160	-70.00	110.00	0.00179
-60.00	110.00	0.00201	-50.00	110.00	0.00226
-40.00	110.00	0.00256	-30.00	110.00	0.00288
-25.00	110.00	0.00304	-20.00	110.00	0.00321
-17.00	110.00	0.00331	-15.00	110.00	0.00338
-13.00	110.00	0.00346	-11.00	110.00	0.00354
-9.00	110.00	0.00365	9.00	110.00	0.00718
11.00	110.00	0.00725	13.00	110.00	0.00730
15.00	110.00	0.00732	17.00	110.00	0.00730
20.00	110.00	0.00721	25.00	110.00	0.00694
30.00	110.00	0.00658	40.00	110.00	0.00577
50.00	110.00	0.00498	60.00	110.00	0.00428
70.00	110.00	0.00368	80.00	110.00	0.00317
90.00	110.00	0.00274	100.00	110.00	0.00238
-100.00	120.00	0.00129	-90.00	120.00	0.00142
-80.00	120.00	0.00158	-70.00	120.00	0.00176
-60.00	120.00	0.00197	-50.00	120.00	0.00223
-40.00	120.00	0.00252	-30.00	120.00	0.00283
-25.00	120.00	0.00300	-20.00	120.00	0.00316

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00327	-15.00	120.00	0.00334
-13.00	120.00	0.00341	-11.00	120.00	0.00349
-9.00	120.00	0.00360	9.00	120.00	0.00712
11.00	120.00	0.00718	13.00	120.00	0.00723
15.00	120.00	0.00724	17.00	120.00	0.00722
20.00	120.00	0.00713	25.00	120.00	0.00685
30.00	120.00	0.00648	40.00	120.00	0.00565
50.00	120.00	0.00485	60.00	120.00	0.00415
70.00	120.00	0.00354	80.00	120.00	0.00303
90.00	120.00	0.00260	100.00	120.00	0.00224
-100.00	130.00	0.00127	-90.00	130.00	0.00140
-80.00	130.00	0.00155	-70.00	130.00	0.00173
-60.00	130.00	0.00194	-50.00	130.00	0.00219
-40.00	130.00	0.00247	-30.00	130.00	0.00279
-25.00	130.00	0.00295	-20.00	130.00	0.00311
-17.00	130.00	0.00321	-15.00	130.00	0.00328
-13.00	130.00	0.00335	-11.00	130.00	0.00344
-9.00	130.00	0.00354	9.00	130.00	0.00704
11.00	130.00	0.00710	13.00	130.00	0.00714
15.00	130.00	0.00715	17.00	130.00	0.00712
20.00	130.00	0.00703	25.00	130.00	0.00674
30.00	130.00	0.00636	40.00	130.00	0.00551
50.00	130.00	0.00470	60.00	130.00	0.00398
70.00	130.00	0.00337	80.00	130.00	0.00286
90.00	130.00	0.00243	100.00	130.00	0.00208
-100.00	140.00	0.00125	-90.00	140.00	0.00138
-80.00	140.00	0.00152	-70.00	140.00	0.00170
-60.00	140.00	0.00190	-50.00	140.00	0.00214
-40.00	140.00	0.00242	-30.00	140.00	0.00273
-25.00	140.00	0.00289	-20.00	140.00	0.00305
-17.00	140.00	0.00315	-15.00	140.00	0.00321
-13.00	140.00	0.00328	-11.00	140.00	0.00337
-9.00	140.00	0.00347	9.00	140.00	0.00693
11.00	140.00	0.00700	13.00	140.00	0.00703
15.00	140.00	0.00704	17.00	140.00	0.00701
20.00	140.00	0.00690	25.00	140.00	0.00660

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00620	40.00	140.00	0.00534
50.00	140.00	0.00450	60.00	140.00	0.00378
70.00	140.00	0.00317	80.00	140.00	0.00266
90.00	140.00	0.00224	100.00	140.00	0.00190

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00123	-90.00	150.00	0.00135
-80.00	150.00	0.00149	-70.00	150.00	0.00166
-60.00	150.00	0.00186	-50.00	150.00	0.00209
-40.00	150.00	0.00237	-30.00	150.00	0.00267
-25.00	150.00	0.00283	-20.00	150.00	0.00298
-17.00	150.00	0.00307	-15.00	150.00	0.00314
-13.00	150.00	0.00320	-11.00	150.00	0.00328
-9.00	150.00	0.00338	9.00	150.00	0.00681
11.00	150.00	0.00686	13.00	150.00	0.00690
15.00	150.00	0.00690	17.00	150.00	0.00686
20.00	150.00	0.00675	25.00	150.00	0.00642
30.00	150.00	0.00601	40.00	150.00	0.00511
50.00	150.00	0.00426	60.00	150.00	0.00353
70.00	150.00	0.00292	80.00	150.00	0.00243
90.00	150.00	0.00203	100.00	150.00	0.00171
-100.00	160.00	0.00120	-90.00	160.00	0.00132
-80.00	160.00	0.00146	-70.00	160.00	0.00163
-60.00	160.00	0.00182	-50.00	160.00	0.00204
-40.00	160.00	0.00230	-30.00	160.00	0.00260
-25.00	160.00	0.00275	-20.00	160.00	0.00290
-17.00	160.00	0.00299	-15.00	160.00	0.00305
-13.00	160.00	0.00311	-11.00	160.00	0.00319
-9.00	160.00	0.00328	9.00	160.00	0.00665
11.00	160.00	0.00670	13.00	160.00	0.00673
15.00	160.00	0.00672	17.00	160.00	0.00667
20.00	160.00	0.00654	25.00	160.00	0.00619
30.00	160.00	0.00576	40.00	160.00	0.00482
50.00	160.00	0.00396	60.00	160.00	0.00323
70.00	160.00	0.00263	80.00	160.00	0.00216
90.00	160.00	0.00179	100.00	160.00	0.00151

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00117	-90.00	170.00	0.00129
-80.00	170.00	0.00143	-70.00	170.00	0.00159
-60.00	170.00	0.00177	-50.00	170.00	0.00198
-40.00	170.00	0.00223	-30.00	170.00	0.00251
-25.00	170.00	0.00266	-20.00	170.00	0.00280
-17.00	170.00	0.00289	-15.00	170.00	0.00294
-13.00	170.00	0.00301	-11.00	170.00	0.00307
-9.00	170.00	0.00316	9.00	170.00	0.00646
11.00	170.00	0.00649	13.00	170.00	0.00651
15.00	170.00	0.00648	17.00	170.00	0.00642

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00627	25.00	170.00	0.00589
30.00	170.00	0.00542	40.00	170.00	0.00445
50.00	170.00	0.00357	60.00	170.00	0.00285
70.00	170.00	0.00229	80.00	170.00	0.00187
90.00	170.00	0.00155	100.00	170.00	0.00130
-100.00	180.00	0.00114	-90.00	180.00	0.00125
-80.00	180.00	0.00138	-70.00	180.00	0.00154
-60.00	180.00	0.00172	-50.00	180.00	0.00192
-40.00	180.00	0.00216	-30.00	180.00	0.00241
-25.00	180.00	0.00255	-20.00	180.00	0.00269
-17.00	180.00	0.00277	-15.00	180.00	0.00282
-13.00	180.00	0.00288	-11.00	180.00	0.00294
-9.00	180.00	0.00302	9.00	180.00	0.00620
11.00	180.00	0.00622	13.00	180.00	0.00621
15.00	180.00	0.00616	17.00	180.00	0.00608
20.00	180.00	0.00589	25.00	180.00	0.00546
30.00	180.00	0.00495	40.00	180.00	0.00394
50.00	180.00	0.00308	60.00	180.00	0.00242
70.00	180.00	0.00193	80.00	180.00	0.00157
90.00	180.00	0.00130	100.00	180.00	0.00109
-100.00	190.00	0.00110	-90.00	190.00	0.00121
-80.00	190.00	0.00134	-70.00	190.00	0.00148
-60.00	190.00	0.00166	-50.00	190.00	0.00185
-40.00	190.00	0.00207	-30.00	190.00	0.00231

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00243	-20.00	190.00	0.00255
-17.00	190.00	0.00263	-15.00	190.00	0.00268
-13.00	190.00	0.00273	-11.00	190.00	0.00279
-9.00	190.00	0.00286	9.00	190.00	0.00585
11.00	190.00	0.00583	13.00	190.00	0.00579
15.00	190.00	0.00570	17.00	190.00	0.00558
20.00	190.00	0.00534	25.00	190.00	0.00484
30.00	190.00	0.00429	40.00	190.00	0.00327
50.00	190.00	0.00249	60.00	190.00	0.00194
70.00	190.00	0.00155	80.00	190.00	0.00126
90.00	190.00	0.00105	100.00	190.00	0.00089
-100.00	200.00	0.00106	-90.00	200.00	0.00116
-80.00	200.00	0.00128	-70.00	200.00	0.00142
-60.00	200.00	0.00159	-50.00	200.00	0.00177
-40.00	200.00	0.00198	-30.00	200.00	0.00220
-25.00	200.00	0.00230	-20.00	200.00	0.00241

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00247	-15.00	200.00	0.00251
-13.00	200.00	0.00256	-11.00	200.00	0.00261
-9.00	200.00	0.00267	9.00	200.00	0.00533
11.00	200.00	0.00524	13.00	200.00	0.00513
15.00	200.00	0.00498	17.00	200.00	0.00480
20.00	200.00	0.00448	25.00	200.00	0.00391
30.00	200.00	0.00335	40.00	200.00	0.00247
50.00	200.00	0.00187	60.00	200.00	0.00147
70.00	200.00	0.00119	80.00	200.00	0.00099
90.00	200.00	0.00084	100.00	200.00	0.00072
-100.00	210.00	0.00102	-90.00	210.00	0.00111
-80.00	210.00	0.00122	-70.00	210.00	0.00135
-60.00	210.00	0.00150	-50.00	210.00	0.00168
-40.00	210.00	0.00187	-30.00	210.00	0.00207
-25.00	210.00	0.00217	-20.00	210.00	0.00226
-17.00	210.00	0.00231	-15.00	210.00	0.00233
-13.00	210.00	0.00236	-11.00	210.00	0.00240
-9.00	210.00	0.00245	9.00	210.00	0.00441

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00419	13.00	210.00	0.00396
15.00	210.00	0.00372	17.00	210.00	0.00347
20.00	210.00	0.00312	25.00	210.00	0.00262
30.00	210.00	0.00222	40.00	210.00	0.00166
50.00	210.00	0.00130	60.00	210.00	0.00106
70.00	210.00	0.00089	80.00	210.00	0.00076
90.00	210.00	0.00066	100.00	210.00	0.00059
-100.00	220.00	0.00096	-90.00	220.00	0.00105
-80.00	220.00	0.00115	-70.00	220.00	0.00127
-60.00	220.00	0.00140	-50.00	220.00	0.00156
-40.00	220.00	0.00173	-30.00	220.00	0.00191
-25.00	220.00	0.00199	-20.00	220.00	0.00207
-17.00	220.00	0.00210	-15.00	220.00	0.00212
-13.00	220.00	0.00214	-11.00	220.00	0.00216
-9.00	220.00	0.00218	9.00	220.00	0.00236
11.00	220.00	0.00211	13.00	220.00	0.00193
15.00	220.00	0.00180	17.00	220.00	0.00170
20.00	220.00	0.00157	25.00	220.00	0.00140
30.00	220.00	0.00126	40.00	220.00	0.00105
50.00	220.00	0.00089	60.00	220.00	0.00077
70.00	220.00	0.00067	80.00	220.00	0.00060
90.00	220.00	0.00053	100.00	220.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00090	-90.00	230.00	0.00098
-80.00	230.00	0.00107	-70.00	230.00	0.00116
-60.00	230.00	0.00128	-50.00	230.00	0.00140
-40.00	230.00	0.00154	-30.00	230.00	0.00167
-25.00	230.00	0.00172	-20.00	230.00	0.00175
-17.00	230.00	0.00175	-15.00	230.00	0.00174
-13.00	230.00	0.00172	-11.00	230.00	0.00167
-9.00	230.00	0.00160	9.00	230.00	0.00088
11.00	230.00	0.00087	13.00	230.00	0.00087
15.00	230.00	0.00086	17.00	230.00	0.00085
20.00	230.00	0.00084	25.00	230.00	0.00081
30.00	230.00	0.00077	40.00	230.00	0.00070

02NCRA\_PL92-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00063	60.00	230.00	0.00057
70.00	230.00	0.00052	80.00	230.00	0.00047
90.00	230.00	0.00043	100.00	230.00	0.00040
-100.00	240.00	0.00084	-90.00	240.00	0.00091
-80.00	240.00	0.00098	-70.00	240.00	0.00106
-60.00	240.00	0.00115	-50.00	240.00	0.00124
-40.00	240.00	0.00132	-30.00	240.00	0.00136
-25.00	240.00	0.00134	-20.00	240.00	0.00128
-17.00	240.00	0.00121	-15.00	240.00	0.00116
-13.00	240.00	0.00109	-11.00	240.00	0.00102
-9.00	240.00	0.00095	9.00	240.00	0.00063
11.00	240.00	0.00063	13.00	240.00	0.00062
15.00	240.00	0.00061	17.00	240.00	0.00060
20.00	240.00	0.00059	25.00	240.00	0.00057
30.00	240.00	0.00056	40.00	240.00	0.00052
50.00	240.00	0.00048	60.00	240.00	0.00045
70.00	240.00	0.00042	80.00	240.00	0.00039
90.00	240.00	0.00036	100.00	240.00	0.00034
-100.00	250.00	0.00078	-90.00	250.00	0.00083
-80.00	250.00	0.00089	-70.00	250.00	0.00095
-60.00	250.00	0.00100	-50.00	250.00	0.00105
-40.00	250.00	0.00106	-30.00	250.00	0.00101
-25.00	250.00	0.00094	-20.00	250.00	0.00086
-17.00	250.00	0.00080	-15.00	250.00	0.00076
-13.00	250.00	0.00072	-11.00	250.00	0.00069
-9.00	250.00	0.00065	9.00	250.00	0.00049
11.00	250.00	0.00049	13.00	250.00	0.00049
15.00	250.00	0.00048	17.00	250.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00047	25.00	250.00	0.00045
30.00	250.00	0.00044	40.00	250.00	0.00041
50.00	250.00	0.00039	60.00	250.00	0.00037
70.00	250.00	0.00035	80.00	250.00	0.00033
90.00	250.00	0.00031	100.00	250.00	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*



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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00630 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT ( 13.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT ( 15.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT ( 17.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT ( 15.00, 140.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT ( 9.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00630 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT ( 13.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT ( 15.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT ( 17.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT ( 15.00, 50.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT ( 9.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00630 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT ( 13.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT ( 15.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT ( 17.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT ( 15.00, -40.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT ( 9.00, -30.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

09:58:54

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00630 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT ( 13.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT ( 15.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT ( 17.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT ( 15.00, -130.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT ( 9.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00630 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT ( 17.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT ( 13.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT ( 15.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT ( 11.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT ( 11.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT ( 17.00, -200.00, 0.00, 1.20)	DC	NA

		02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00619	AT (	15.00,	-220.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618	AT (	9.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00779	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00779	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00779	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00779	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00779	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00778	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00778	AT (	15.00,	-60.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-80.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

09:58:54

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 4 Informational Message(s)  
 A Total of 4 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 10:05:15

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
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RE DISCCART	17.0	-250.0	1.2
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RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
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RE DISCCART	-80.0	-210.0	1.2
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RE DISCCART	80.0	-190.0	1.2
RE DISCCART	90.0	-190.0	1.2
RE DISCCART	100.0	-190.0	1.2
RE DISCCART	-100.0	-180.0	1.2
RE DISCCART	-90.0	-180.0	1.2
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RE DISCCART 100.0 -180.0 1.2  
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RE DISCCART -60.0 -170.0 1.2  
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RE DISCCART 30.0 -170.0 1.2

RE DISCCART	40.0	-170.0	1.2
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
RE DISCCART	80.0	-170.0	1.2
RE DISCCART	90.0	-170.0	1.2
RE DISCCART	100.0	-170.0	1.2
RE DISCCART	-100.0	-160.0	1.2
RE DISCCART	-90.0	-160.0	1.2
RE DISCCART	-80.0	-160.0	1.2
RE DISCCART	-70.0	-160.0	1.2
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RE DISCCART	-50.0	-160.0	1.2
RE DISCCART	-40.0	-160.0	1.2
RE DISCCART	-30.0	-160.0	1.2
RE DISCCART	-25.0	-160.0	1.2
RE DISCCART	-20.0	-160.0	1.2
RE DISCCART	-17.0	-160.0	1.2
RE DISCCART	-15.0	-160.0	1.2
RE DISCCART	-13.0	-160.0	1.2
RE DISCCART	-11.0	-160.0	1.2
RE DISCCART	-9.0	-160.0	1.2
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RE DISCCART	30.0	-160.0	1.2
RE DISCCART	40.0	-160.0	1.2
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OU FINISHED

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\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\03NCRA~2.DAT





03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

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( -13.0, -250.0, 0.0, 1.2);	( -11.0, -250.0, 0.0, 1.2);
( -9.0, -250.0, 0.0, 1.2);	( 9.0, -250.0, 0.0, 1.2);
( 11.0, -250.0, 0.0, 1.2);	( 13.0, -250.0, 0.0, 1.2);
( 15.0, -250.0, 0.0, 1.2);	( 17.0, -250.0, 0.0, 1.2);
( 20.0, -250.0, 0.0, 1.2);	( 25.0, -250.0, 0.0, 1.2);
( 30.0, -250.0, 0.0, 1.2);	( 40.0, -250.0, 0.0, 1.2);
( 50.0, -250.0, 0.0, 1.2);	( 60.0, -250.0, 0.0, 1.2);
( 70.0, -250.0, 0.0, 1.2);	( 80.0, -250.0, 0.0, 1.2);
( 90.0, -250.0, 0.0, 1.2);	( 100.0, -250.0, 0.0, 1.2);
( -100.0, -240.0, 0.0, 1.2);	( -90.0, -240.0, 0.0, 1.2);
( -80.0, -240.0, 0.0, 1.2);	( -70.0, -240.0, 0.0, 1.2);
( -60.0, -240.0, 0.0, 1.2);	( -50.0, -240.0, 0.0, 1.2);
( -40.0, -240.0, 0.0, 1.2);	( -30.0, -240.0, 0.0, 1.2);
( -25.0, -240.0, 0.0, 1.2);	( -20.0, -240.0, 0.0, 1.2);
( -17.0, -240.0, 0.0, 1.2);	( -15.0, -240.0, 0.0, 1.2);
( -13.0, -240.0, 0.0, 1.2);	( -11.0, -240.0, 0.0, 1.2);
( -9.0, -240.0, 0.0, 1.2);	( 9.0, -240.0, 0.0, 1.2);
( 11.0, -240.0, 0.0, 1.2);	( 13.0, -240.0, 0.0, 1.2);
( 15.0, -240.0, 0.0, 1.2);	( 17.0, -240.0, 0.0, 1.2);
( 20.0, -240.0, 0.0, 1.2);	( 25.0, -240.0, 0.0, 1.2);
( 30.0, -240.0, 0.0, 1.2);	( 40.0, -240.0, 0.0, 1.2);
( 50.0, -240.0, 0.0, 1.2);	( 60.0, -240.0, 0.0, 1.2);
( 70.0, -240.0, 0.0, 1.2);	( 80.0, -240.0, 0.0, 1.2);
( 90.0, -240.0, 0.0, 1.2);	( 100.0, -240.0, 0.0, 1.2);
( -100.0, -230.0, 0.0, 1.2);	( -90.0, -230.0, 0.0, 1.2);
( -80.0, -230.0, 0.0, 1.2);	( -70.0, -230.0, 0.0, 1.2);
( -60.0, -230.0, 0.0, 1.2);	( -50.0, -230.0, 0.0, 1.2);
( -40.0, -230.0, 0.0, 1.2);	( -30.0, -230.0, 0.0, 1.2);
( -25.0, -230.0, 0.0, 1.2);	( -20.0, -230.0, 0.0, 1.2);
( -17.0, -230.0, 0.0, 1.2);	( -15.0, -230.0, 0.0, 1.2);
( -13.0, -230.0, 0.0, 1.2);	( -11.0, -230.0, 0.0, 1.2);
( -9.0, -230.0, 0.0, 1.2);	( 9.0, -230.0, 0.0, 1.2);
( 11.0, -230.0, 0.0, 1.2);	( 13.0, -230.0, 0.0, 1.2);
( 15.0, -230.0, 0.0, 1.2);	( 17.0, -230.0, 0.0, 1.2);
( 20.0, -230.0, 0.0, 1.2);	( 25.0, -230.0, 0.0, 1.2);
( 30.0, -230.0, 0.0, 1.2);	( 40.0, -230.0, 0.0, 1.2);
( 50.0, -230.0, 0.0, 1.2);	( 60.0, -230.0, 0.0, 1.2);
( 70.0, -230.0, 0.0, 1.2);	( 80.0, -230.0, 0.0, 1.2);
( 90.0, -230.0, 0.0, 1.2);	( 100.0, -230.0, 0.0, 1.2);

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -220.0, 0.0, 1.2);	( -90.0, -220.0, 0.0, 1.2);
( -80.0, -220.0, 0.0, 1.2);	( -70.0, -220.0, 0.0, 1.2);
( -60.0, -220.0, 0.0, 1.2);	( -50.0, -220.0, 0.0, 1.2);
( -40.0, -220.0, 0.0, 1.2);	( -30.0, -220.0, 0.0, 1.2);
( -25.0, -220.0, 0.0, 1.2);	( -20.0, -220.0, 0.0, 1.2);
( -17.0, -220.0, 0.0, 1.2);	( -15.0, -220.0, 0.0, 1.2);
( -13.0, -220.0, 0.0, 1.2);	( -11.0, -220.0, 0.0, 1.2);
( -9.0, -220.0, 0.0, 1.2);	( 9.0, -220.0, 0.0, 1.2);
( 11.0, -220.0, 0.0, 1.2);	( 13.0, -220.0, 0.0, 1.2);
( 15.0, -220.0, 0.0, 1.2);	( 17.0, -220.0, 0.0, 1.2);
( 20.0, -220.0, 0.0, 1.2);	( 25.0, -220.0, 0.0, 1.2);
( 30.0, -220.0, 0.0, 1.2);	( 40.0, -220.0, 0.0, 1.2);
( 50.0, -220.0, 0.0, 1.2);	( 60.0, -220.0, 0.0, 1.2);
( 70.0, -220.0, 0.0, 1.2);	( 80.0, -220.0, 0.0, 1.2);
( 90.0, -220.0, 0.0, 1.2);	( 100.0, -220.0, 0.0, 1.2);
( -100.0, -210.0, 0.0, 1.2);	( -90.0, -210.0, 0.0, 1.2);
( -80.0, -210.0, 0.0, 1.2);	( -70.0, -210.0, 0.0, 1.2);
( -60.0, -210.0, 0.0, 1.2);	( -50.0, -210.0, 0.0, 1.2);
( -40.0, -210.0, 0.0, 1.2);	( -30.0, -210.0, 0.0, 1.2);
( -25.0, -210.0, 0.0, 1.2);	( -20.0, -210.0, 0.0, 1.2);
( -17.0, -210.0, 0.0, 1.2);	( -15.0, -210.0, 0.0, 1.2);
( -13.0, -210.0, 0.0, 1.2);	( -11.0, -210.0, 0.0, 1.2);
( -9.0, -210.0, 0.0, 1.2);	( 9.0, -210.0, 0.0, 1.2);
( 11.0, -210.0, 0.0, 1.2);	( 13.0, -210.0, 0.0, 1.2);
( 15.0, -210.0, 0.0, 1.2);	( 17.0, -210.0, 0.0, 1.2);
( 20.0, -210.0, 0.0, 1.2);	( 25.0, -210.0, 0.0, 1.2);
( 30.0, -210.0, 0.0, 1.2);	( 40.0, -210.0, 0.0, 1.2);
( 50.0, -210.0, 0.0, 1.2);	( 60.0, -210.0, 0.0, 1.2);
( 70.0, -210.0, 0.0, 1.2);	( 80.0, -210.0, 0.0, 1.2);
( 90.0, -210.0, 0.0, 1.2);	( 100.0, -210.0, 0.0, 1.2);
( -100.0, -200.0, 0.0, 1.2);	( -90.0, -200.0, 0.0, 1.2);
( -80.0, -200.0, 0.0, 1.2);	( -70.0, -200.0, 0.0, 1.2);
( -60.0, -200.0, 0.0, 1.2);	( -50.0, -200.0, 0.0, 1.2);
( -40.0, -200.0, 0.0, 1.2);	( -30.0, -200.0, 0.0, 1.2);
( -25.0, -200.0, 0.0, 1.2);	( -20.0, -200.0, 0.0, 1.2);
( -17.0, -200.0, 0.0, 1.2);	( -15.0, -200.0, 0.0, 1.2);
( -13.0, -200.0, 0.0, 1.2);	( -11.0, -200.0, 0.0, 1.2);
( -9.0, -200.0, 0.0, 1.2);	( 9.0, -200.0, 0.0, 1.2);
( 11.0, -200.0, 0.0, 1.2);	( 13.0, -200.0, 0.0, 1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0, -200.0, 0.0, 1.2);	( 17.0, -200.0, 0.0, 1.2);
( 20.0, -200.0, 0.0, 1.2);	( 25.0, -200.0, 0.0, 1.2);
( 30.0, -200.0, 0.0, 1.2);	( 40.0, -200.0, 0.0, 1.2);
( 50.0, -200.0, 0.0, 1.2);	( 60.0, -200.0, 0.0, 1.2);
( 70.0, -200.0, 0.0, 1.2);	( 80.0, -200.0, 0.0, 1.2);
( 90.0, -200.0, 0.0, 1.2);	( 100.0, -200.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -190.0, 0.0, 1.2);	( -90.0, -190.0, 0.0, 1.2);
( -80.0, -190.0, 0.0, 1.2);	( -70.0, -190.0, 0.0, 1.2);
( -60.0, -190.0, 0.0, 1.2);	( -50.0, -190.0, 0.0, 1.2);
( -40.0, -190.0, 0.0, 1.2);	( -30.0, -190.0, 0.0, 1.2);
( -25.0, -190.0, 0.0, 1.2);	( -20.0, -190.0, 0.0, 1.2);
( -17.0, -190.0, 0.0, 1.2);	( -15.0, -190.0, 0.0, 1.2);
( -13.0, -190.0, 0.0, 1.2);	( -11.0, -190.0, 0.0, 1.2);
( -9.0, -190.0, 0.0, 1.2);	( 9.0, -190.0, 0.0, 1.2);
( 11.0, -190.0, 0.0, 1.2);	( 13.0, -190.0, 0.0, 1.2);
( 15.0, -190.0, 0.0, 1.2);	( 17.0, -190.0, 0.0, 1.2);
( 20.0, -190.0, 0.0, 1.2);	( 25.0, -190.0, 0.0, 1.2);
( 30.0, -190.0, 0.0, 1.2);	( 40.0, -190.0, 0.0, 1.2);
( 50.0, -190.0, 0.0, 1.2);	( 60.0, -190.0, 0.0, 1.2);
( 70.0, -190.0, 0.0, 1.2);	( 80.0, -190.0, 0.0, 1.2);
( 90.0, -190.0, 0.0, 1.2);	( 100.0, -190.0, 0.0, 1.2);
( -100.0, -180.0, 0.0, 1.2);	( -90.0, -180.0, 0.0, 1.2);
( -80.0, -180.0, 0.0, 1.2);	( -70.0, -180.0, 0.0, 1.2);
( -60.0, -180.0, 0.0, 1.2);	( -50.0, -180.0, 0.0, 1.2);
( -40.0, -180.0, 0.0, 1.2);	( -30.0, -180.0, 0.0, 1.2);
( -25.0, -180.0, 0.0, 1.2);	( -20.0, -180.0, 0.0, 1.2);
( -17.0, -180.0, 0.0, 1.2);	( -15.0, -180.0, 0.0, 1.2);
( -13.0, -180.0, 0.0, 1.2);	( -11.0, -180.0, 0.0, 1.2);
( -9.0, -180.0, 0.0, 1.2);	( 9.0, -180.0, 0.0, 1.2);
( 11.0, -180.0, 0.0, 1.2);	( 13.0, -180.0, 0.0, 1.2);
( 15.0, -180.0, 0.0, 1.2);	( 17.0, -180.0, 0.0, 1.2);
( 20.0, -180.0, 0.0, 1.2);	( 25.0, -180.0, 0.0, 1.2);
( 30.0, -180.0, 0.0, 1.2);	( 40.0, -180.0, 0.0, 1.2);
( 50.0, -180.0, 0.0, 1.2);	( 60.0, -180.0, 0.0, 1.2);
( 70.0, -180.0, 0.0, 1.2);	( 80.0, -180.0, 0.0, 1.2);
( 90.0, -180.0, 0.0, 1.2);	( 100.0, -180.0, 0.0, 1.2);
( -100.0, -170.0, 0.0, 1.2);	( -90.0, -170.0, 0.0, 1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0,	-170.0,	0.0,	1.2);	( -70.0,	-170.0,	0.0,	1.2);
( -60.0,	-170.0,	0.0,	1.2);	( -50.0,	-170.0,	0.0,	1.2);
( -40.0,	-170.0,	0.0,	1.2);	( -30.0,	-170.0,	0.0,	1.2);
( -25.0,	-170.0,	0.0,	1.2);	( -20.0,	-170.0,	0.0,	1.2);
( -17.0,	-170.0,	0.0,	1.2);	( -15.0,	-170.0,	0.0,	1.2);
( -13.0,	-170.0,	0.0,	1.2);	( -11.0,	-170.0,	0.0,	1.2);
( -9.0,	-170.0,	0.0,	1.2);	( 9.0,	-170.0,	0.0,	1.2);
( 11.0,	-170.0,	0.0,	1.2);	( 13.0,	-170.0,	0.0,	1.2);
( 15.0,	-170.0,	0.0,	1.2);	( 17.0,	-170.0,	0.0,	1.2);
( 20.0,	-170.0,	0.0,	1.2);	( 25.0,	-170.0,	0.0,	1.2);
( 30.0,	-170.0,	0.0,	1.2);	( 40.0,	-170.0,	0.0,	1.2);
( 50.0,	-170.0,	0.0,	1.2);	( 60.0,	-170.0,	0.0,	1.2);
( 70.0,	-170.0,	0.0,	1.2);	( 80.0,	-170.0,	0.0,	1.2);
( 90.0,	-170.0,	0.0,	1.2);	( 100.0,	-170.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	-160.0,	0.0,	1.2);	( -90.0,	-160.0,	0.0,	1.2);
( -80.0,	-160.0,	0.0,	1.2);	( -70.0,	-160.0,	0.0,	1.2);
( -60.0,	-160.0,	0.0,	1.2);	( -50.0,	-160.0,	0.0,	1.2);
( -40.0,	-160.0,	0.0,	1.2);	( -30.0,	-160.0,	0.0,	1.2);
( -25.0,	-160.0,	0.0,	1.2);	( -20.0,	-160.0,	0.0,	1.2);
( -17.0,	-160.0,	0.0,	1.2);	( -15.0,	-160.0,	0.0,	1.2);
( -13.0,	-160.0,	0.0,	1.2);	( -11.0,	-160.0,	0.0,	1.2);
( -9.0,	-160.0,	0.0,	1.2);	( 9.0,	-160.0,	0.0,	1.2);
( 11.0,	-160.0,	0.0,	1.2);	( 13.0,	-160.0,	0.0,	1.2);
( 15.0,	-160.0,	0.0,	1.2);	( 17.0,	-160.0,	0.0,	1.2);
( 20.0,	-160.0,	0.0,	1.2);	( 25.0,	-160.0,	0.0,	1.2);
( 30.0,	-160.0,	0.0,	1.2);	( 40.0,	-160.0,	0.0,	1.2);
( 50.0,	-160.0,	0.0,	1.2);	( 60.0,	-160.0,	0.0,	1.2);
( 70.0,	-160.0,	0.0,	1.2);	( 80.0,	-160.0,	0.0,	1.2);
( 90.0,	-160.0,	0.0,	1.2);	( 100.0,	-160.0,	0.0,	1.2);
( -100.0,	-150.0,	0.0,	1.2);	( -90.0,	-150.0,	0.0,	1.2);
( -80.0,	-150.0,	0.0,	1.2);	( -70.0,	-150.0,	0.0,	1.2);
( -60.0,	-150.0,	0.0,	1.2);	( -50.0,	-150.0,	0.0,	1.2);
( -40.0,	-150.0,	0.0,	1.2);	( -30.0,	-150.0,	0.0,	1.2);
( -25.0,	-150.0,	0.0,	1.2);	( -20.0,	-150.0,	0.0,	1.2);
( -17.0,	-150.0,	0.0,	1.2);	( -15.0,	-150.0,	0.0,	1.2);
( -13.0,	-150.0,	0.0,	1.2);	( -11.0,	-150.0,	0.0,	1.2);
( -9.0,	-150.0,	0.0,	1.2);	( 9.0,	-150.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0, -150.0, 0.0, 1.2);	( 13.0, -150.0, 0.0, 1.2);
( 15.0, -150.0, 0.0, 1.2);	( 17.0, -150.0, 0.0, 1.2);
( 20.0, -150.0, 0.0, 1.2);	( 25.0, -150.0, 0.0, 1.2);
( 30.0, -150.0, 0.0, 1.2);	( 40.0, -150.0, 0.0, 1.2);
( 50.0, -150.0, 0.0, 1.2);	( 60.0, -150.0, 0.0, 1.2);
( 70.0, -150.0, 0.0, 1.2);	( 80.0, -150.0, 0.0, 1.2);
( 90.0, -150.0, 0.0, 1.2);	( 100.0, -150.0, 0.0, 1.2);
( -100.0, -140.0, 0.0, 1.2);	( -90.0, -140.0, 0.0, 1.2);
( -80.0, -140.0, 0.0, 1.2);	( -70.0, -140.0, 0.0, 1.2);
( -60.0, -140.0, 0.0, 1.2);	( -50.0, -140.0, 0.0, 1.2);
( -40.0, -140.0, 0.0, 1.2);	( -30.0, -140.0, 0.0, 1.2);
( -25.0, -140.0, 0.0, 1.2);	( -20.0, -140.0, 0.0, 1.2);
( -17.0, -140.0, 0.0, 1.2);	( -15.0, -140.0, 0.0, 1.2);
( -13.0, -140.0, 0.0, 1.2);	( -11.0, -140.0, 0.0, 1.2);
( -9.0, -140.0, 0.0, 1.2);	( 9.0, -140.0, 0.0, 1.2);
( 11.0, -140.0, 0.0, 1.2);	( 13.0, -140.0, 0.0, 1.2);
( 15.0, -140.0, 0.0, 1.2);	( 17.0, -140.0, 0.0, 1.2);
( 20.0, -140.0, 0.0, 1.2);	( 25.0, -140.0, 0.0, 1.2);
( 30.0, -140.0, 0.0, 1.2);	( 40.0, -140.0, 0.0, 1.2);
( 50.0, -140.0, 0.0, 1.2);	( 60.0, -140.0, 0.0, 1.2);
( 70.0, -140.0, 0.0, 1.2);	( 80.0, -140.0, 0.0, 1.2);
( 90.0, -140.0, 0.0, 1.2);	( 100.0, -140.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -130.0, 0.0, 1.2);	( -90.0, -130.0, 0.0, 1.2);
( -80.0, -130.0, 0.0, 1.2);	( -70.0, -130.0, 0.0, 1.2);
( -60.0, -130.0, 0.0, 1.2);	( -50.0, -130.0, 0.0, 1.2);
( -40.0, -130.0, 0.0, 1.2);	( -30.0, -130.0, 0.0, 1.2);
( -25.0, -130.0, 0.0, 1.2);	( -20.0, -130.0, 0.0, 1.2);
( -17.0, -130.0, 0.0, 1.2);	( -15.0, -130.0, 0.0, 1.2);
( -13.0, -130.0, 0.0, 1.2);	( -11.0, -130.0, 0.0, 1.2);
( -9.0, -130.0, 0.0, 1.2);	( 9.0, -130.0, 0.0, 1.2);
( 11.0, -130.0, 0.0, 1.2);	( 13.0, -130.0, 0.0, 1.2);
( 15.0, -130.0, 0.0, 1.2);	( 17.0, -130.0, 0.0, 1.2);
( 20.0, -130.0, 0.0, 1.2);	( 25.0, -130.0, 0.0, 1.2);
( 30.0, -130.0, 0.0, 1.2);	( 40.0, -130.0, 0.0, 1.2);
( 50.0, -130.0, 0.0, 1.2);	( 60.0, -130.0, 0.0, 1.2);
( 70.0, -130.0, 0.0, 1.2);	( 80.0, -130.0, 0.0, 1.2);
( 90.0, -130.0, 0.0, 1.2);	( 100.0, -130.0, 0.0, 1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0, -120.0, 0.0, 1.2);	( -90.0, -120.0, 0.0, 1.2);
( -80.0, -120.0, 0.0, 1.2);	( -70.0, -120.0, 0.0, 1.2);
( -60.0, -120.0, 0.0, 1.2);	( -50.0, -120.0, 0.0, 1.2);
( -40.0, -120.0, 0.0, 1.2);	( -30.0, -120.0, 0.0, 1.2);
( -25.0, -120.0, 0.0, 1.2);	( -20.0, -120.0, 0.0, 1.2);
( -17.0, -120.0, 0.0, 1.2);	( -15.0, -120.0, 0.0, 1.2);
( -13.0, -120.0, 0.0, 1.2);	( -11.0, -120.0, 0.0, 1.2);
( -9.0, -120.0, 0.0, 1.2);	( 9.0, -120.0, 0.0, 1.2);
( 11.0, -120.0, 0.0, 1.2);	( 13.0, -120.0, 0.0, 1.2);
( 15.0, -120.0, 0.0, 1.2);	( 17.0, -120.0, 0.0, 1.2);
( 20.0, -120.0, 0.0, 1.2);	( 25.0, -120.0, 0.0, 1.2);
( 30.0, -120.0, 0.0, 1.2);	( 40.0, -120.0, 0.0, 1.2);
( 50.0, -120.0, 0.0, 1.2);	( 60.0, -120.0, 0.0, 1.2);
( 70.0, -120.0, 0.0, 1.2);	( 80.0, -120.0, 0.0, 1.2);
( 90.0, -120.0, 0.0, 1.2);	( 100.0, -120.0, 0.0, 1.2);
( -100.0, -110.0, 0.0, 1.2);	( -90.0, -110.0, 0.0, 1.2);
( -80.0, -110.0, 0.0, 1.2);	( -70.0, -110.0, 0.0, 1.2);
( -60.0, -110.0, 0.0, 1.2);	( -50.0, -110.0, 0.0, 1.2);
( -40.0, -110.0, 0.0, 1.2);	( -30.0, -110.0, 0.0, 1.2);
( -25.0, -110.0, 0.0, 1.2);	( -20.0, -110.0, 0.0, 1.2);
( -17.0, -110.0, 0.0, 1.2);	( -15.0, -110.0, 0.0, 1.2);
( -13.0, -110.0, 0.0, 1.2);	( -11.0, -110.0, 0.0, 1.2);
( -9.0, -110.0, 0.0, 1.2);	( 9.0, -110.0, 0.0, 1.2);
( 11.0, -110.0, 0.0, 1.2);	( 13.0, -110.0, 0.0, 1.2);
( 15.0, -110.0, 0.0, 1.2);	( 17.0, -110.0, 0.0, 1.2);
( 20.0, -110.0, 0.0, 1.2);	( 25.0, -110.0, 0.0, 1.2);
( 30.0, -110.0, 0.0, 1.2);	( 40.0, -110.0, 0.0, 1.2);
( 50.0, -110.0, 0.0, 1.2);	( 60.0, -110.0, 0.0, 1.2);
( 70.0, -110.0, 0.0, 1.2);	( 80.0, -110.0, 0.0, 1.2);
( 90.0, -110.0, 0.0, 1.2);	( 100.0, -110.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -100.0, 0.0, 1.2);	( -90.0, -100.0, 0.0, 1.2);
( -80.0, -100.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, -100.0, 0.0, 1.2);	( -50.0, -100.0, 0.0, 1.2);
( -40.0, -100.0, 0.0, 1.2);	( -30.0, -100.0, 0.0, 1.2);
( -25.0, -100.0, 0.0, 1.2);	( -20.0, -100.0, 0.0, 1.2);
( -17.0, -100.0, 0.0, 1.2);	( -15.0, -100.0, 0.0, 1.2);
( -13.0, -100.0, 0.0, 1.2);	( -11.0, -100.0, 0.0, 1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0, -100.0, 0.0, 1.2);	( -9.0, -100.0, 0.0, 1.2);
( 11.0, -100.0, 0.0, 1.2);	( 13.0, -100.0, 0.0, 1.2);
( 15.0, -100.0, 0.0, 1.2);	( 17.0, -100.0, 0.0, 1.2);
( 20.0, -100.0, 0.0, 1.2);	( 25.0, -100.0, 0.0, 1.2);
( 30.0, -100.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);
( 50.0, -100.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, -100.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, -100.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);
( -100.0, -90.0, 0.0, 1.2);	( -90.0, -90.0, 0.0, 1.2);
( -80.0, -90.0, 0.0, 1.2);	( -70.0, -90.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -50.0, -90.0, 0.0, 1.2);
( -40.0, -90.0, 0.0, 1.2);	( -30.0, -90.0, 0.0, 1.2);
( -25.0, -90.0, 0.0, 1.2);	( -20.0, -90.0, 0.0, 1.2);
( -17.0, -90.0, 0.0, 1.2);	( -15.0, -90.0, 0.0, 1.2);
( -13.0, -90.0, 0.0, 1.2);	( -11.0, -90.0, 0.0, 1.2);
( -9.0, -90.0, 0.0, 1.2);	( 9.0, -90.0, 0.0, 1.2);
( 11.0, -90.0, 0.0, 1.2);	( 13.0, -90.0, 0.0, 1.2);
( 15.0, -90.0, 0.0, 1.2);	( 17.0, -90.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 25.0, -90.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 40.0, -90.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 60.0, -90.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 80.0, -90.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 100.0, -90.0, 0.0, 1.2);
( -100.0, -80.0, 0.0, 1.2);	( -90.0, -80.0, 0.0, 1.2);
( -80.0, -80.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -60.0, -80.0, 0.0, 1.2);	( -50.0, -80.0, 0.0, 1.2);
( -40.0, -80.0, 0.0, 1.2);	( -30.0, -80.0, 0.0, 1.2);
( -25.0, -80.0, 0.0, 1.2);	( -20.0, -80.0, 0.0, 1.2);
( -17.0, -80.0, 0.0, 1.2);	( -15.0, -80.0, 0.0, 1.2);
( -13.0, -80.0, 0.0, 1.2);	( -11.0, -80.0, 0.0, 1.2);
( -9.0, -80.0, 0.0, 1.2);	( 9.0, -80.0, 0.0, 1.2);
( 11.0, -80.0, 0.0, 1.2);	( 13.0, -80.0, 0.0, 1.2);
( 15.0, -80.0, 0.0, 1.2);	( 17.0, -80.0, 0.0, 1.2);
( 20.0, -80.0, 0.0, 1.2);	( 25.0, -80.0, 0.0, 1.2);
( 30.0, -80.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 50.0, -80.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 70.0, -80.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 90.0, -80.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

03NCRA\_PL93-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

( -100.0, -70.0, 0.0, 1.2);	( -90.0, -70.0, 0.0, 1.2);
( -80.0, -70.0, 0.0, 1.2);	( -70.0, -70.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -50.0, -70.0, 0.0, 1.2);
( -40.0, -70.0, 0.0, 1.2);	( -30.0, -70.0, 0.0, 1.2);
( -25.0, -70.0, 0.0, 1.2);	( -20.0, -70.0, 0.0, 1.2);
( -17.0, -70.0, 0.0, 1.2);	( -15.0, -70.0, 0.0, 1.2);
( -13.0, -70.0, 0.0, 1.2);	( -11.0, -70.0, 0.0, 1.2);
( -9.0, -70.0, 0.0, 1.2);	( 9.0, -70.0, 0.0, 1.2);
( 11.0, -70.0, 0.0, 1.2);	( 13.0, -70.0, 0.0, 1.2);
( 15.0, -70.0, 0.0, 1.2);	( 17.0, -70.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 25.0, -70.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 40.0, -70.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 60.0, -70.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 80.0, -70.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 100.0, -70.0, 0.0, 1.2);
( -100.0, -60.0, 0.0, 1.2);	( -90.0, -60.0, 0.0, 1.2);
( -80.0, -60.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -60.0, -60.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);
( -40.0, -60.0, 0.0, 1.2);	( -30.0, -60.0, 0.0, 1.2);
( -25.0, -60.0, 0.0, 1.2);	( -20.0, -60.0, 0.0, 1.2);
( -17.0, -60.0, 0.0, 1.2);	( -15.0, -60.0, 0.0, 1.2);
( -13.0, -60.0, 0.0, 1.2);	( -11.0, -60.0, 0.0, 1.2);
( -9.0, -60.0, 0.0, 1.2);	( 9.0, -60.0, 0.0, 1.2);
( 11.0, -60.0, 0.0, 1.2);	( 13.0, -60.0, 0.0, 1.2);
( 15.0, -60.0, 0.0, 1.2);	( 17.0, -60.0, 0.0, 1.2);
( 20.0, -60.0, 0.0, 1.2);	( 25.0, -60.0, 0.0, 1.2);
( 30.0, -60.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 50.0, -60.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 70.0, -60.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 90.0, -60.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( -100.0, -50.0, 0.0, 1.2);	( -90.0, -50.0, 0.0, 1.2);
( -80.0, -50.0, 0.0, 1.2);	( -70.0, -50.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -50.0, -50.0, 0.0, 1.2);
( -40.0, -50.0, 0.0, 1.2);	( -30.0, -50.0, 0.0, 1.2);
( -25.0, -50.0, 0.0, 1.2);	( -20.0, -50.0, 0.0, 1.2);
( -17.0, -50.0, 0.0, 1.2);	( -15.0, -50.0, 0.0, 1.2);
( -13.0, -50.0, 0.0, 1.2);	( -11.0, -50.0, 0.0, 1.2);
( -9.0, -50.0, 0.0, 1.2);	( 9.0, -50.0, 0.0, 1.2);
( 11.0, -50.0, 0.0, 1.2);	( 13.0, -50.0, 0.0, 1.2);
( 15.0, -50.0, 0.0, 1.2);	( 17.0, -50.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 25.0, -50.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 40.0, -50.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 60.0, -50.0, 0.0, 1.2);



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 70.0, -50.0, 0.0, 1.2); ( 80.0, -50.0, 0.0, 1.2);  
( 90.0, -50.0, 0.0, 1.2); ( 100.0, -50.0, 0.0, 1.2);

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*\*

10:05:15  
\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -40.0, 0.0, 1.2); ( -90.0, -40.0, 0.0, 1.2);  
( -80.0, -40.0, 0.0, 1.2); ( -70.0, -40.0, 0.0, 1.2);  
( -60.0, -40.0, 0.0, 1.2); ( -50.0, -40.0, 0.0, 1.2);  
( -40.0, -40.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -25.0, -40.0, 0.0, 1.2); ( -20.0, -40.0, 0.0, 1.2);  
( -17.0, -40.0, 0.0, 1.2); ( -15.0, -40.0, 0.0, 1.2);  
( -13.0, -40.0, 0.0, 1.2); ( -11.0, -40.0, 0.0, 1.2);  
( -9.0, -40.0, 0.0, 1.2); ( 9.0, -40.0, 0.0, 1.2);  
( 11.0, -40.0, 0.0, 1.2); ( 13.0, -40.0, 0.0, 1.2);  
( 15.0, -40.0, 0.0, 1.2); ( 17.0, -40.0, 0.0, 1.2);  
( 20.0, -40.0, 0.0, 1.2); ( 25.0, -40.0, 0.0, 1.2);  
( 30.0, -40.0, 0.0, 1.2); ( 40.0, -40.0, 0.0, 1.2);  
( 50.0, -40.0, 0.0, 1.2); ( 60.0, -40.0, 0.0, 1.2);  
( 70.0, -40.0, 0.0, 1.2); ( 80.0, -40.0, 0.0, 1.2);  
( 90.0, -40.0, 0.0, 1.2); ( 100.0, -40.0, 0.0, 1.2);  
( -100.0, -30.0, 0.0, 1.2); ( -90.0, -30.0, 0.0, 1.2);  
( -80.0, -30.0, 0.0, 1.2); ( -70.0, -30.0, 0.0, 1.2);  
( -60.0, -30.0, 0.0, 1.2); ( -50.0, -30.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -30.0, -30.0, 0.0, 1.2);  
( -25.0, -30.0, 0.0, 1.2); ( -20.0, -30.0, 0.0, 1.2);  
( -17.0, -30.0, 0.0, 1.2); ( -15.0, -30.0, 0.0, 1.2);  
( -13.0, -30.0, 0.0, 1.2); ( -11.0, -30.0, 0.0, 1.2);  
( -9.0, -30.0, 0.0, 1.2); ( 9.0, -30.0, 0.0, 1.2);  
( 11.0, -30.0, 0.0, 1.2); ( 13.0, -30.0, 0.0, 1.2);  
( 15.0, -30.0, 0.0, 1.2); ( 17.0, -30.0, 0.0, 1.2);  
( 20.0, -30.0, 0.0, 1.2); ( 25.0, -30.0, 0.0, 1.2);  
( 30.0, -30.0, 0.0, 1.2); ( 40.0, -30.0, 0.0, 1.2);  
( 50.0, -30.0, 0.0, 1.2); ( 60.0, -30.0, 0.0, 1.2);  
( 70.0, -30.0, 0.0, 1.2); ( 80.0, -30.0, 0.0, 1.2);  
( 90.0, -30.0, 0.0, 1.2); ( 100.0, -30.0, 0.0, 1.2);  
( -100.0, -20.0, 0.0, 1.2); ( -90.0, -20.0, 0.0, 1.2);  
( -80.0, -20.0, 0.0, 1.2); ( -70.0, -20.0, 0.0, 1.2);  
( -60.0, -20.0, 0.0, 1.2); ( -50.0, -20.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -30.0, -20.0, 0.0, 1.2);  
( -25.0, -20.0, 0.0, 1.2); ( -20.0, -20.0, 0.0, 1.2);



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 50.0,	0.0,	0.0,	1.2);	( 60.0,	0.0,	0.0,	1.2);
( 70.0,	0.0,	0.0,	1.2);	( 80.0,	0.0,	0.0,	1.2);
( 90.0,	0.0,	0.0,	1.2);	( 100.0,	0.0,	0.0,	1.2);
( -100.0,	10.0,	0.0,	1.2);	( -90.0,	10.0,	0.0,	1.2);
( -80.0,	10.0,	0.0,	1.2);	( -70.0,	10.0,	0.0,	1.2);
( -60.0,	10.0,	0.0,	1.2);	( -50.0,	10.0,	0.0,	1.2);
( -40.0,	10.0,	0.0,	1.2);	( -30.0,	10.0,	0.0,	1.2);
( -25.0,	10.0,	0.0,	1.2);	( -20.0,	10.0,	0.0,	1.2);
( -17.0,	10.0,	0.0,	1.2);	( -15.0,	10.0,	0.0,	1.2);
( -13.0,	10.0,	0.0,	1.2);	( -11.0,	10.0,	0.0,	1.2);
( -9.0,	10.0,	0.0,	1.2);	( 9.0,	10.0,	0.0,	1.2);
( 11.0,	10.0,	0.0,	1.2);	( 13.0,	10.0,	0.0,	1.2);
( 15.0,	10.0,	0.0,	1.2);	( 17.0,	10.0,	0.0,	1.2);
( 20.0,	10.0,	0.0,	1.2);	( 25.0,	10.0,	0.0,	1.2);
( 30.0,	10.0,	0.0,	1.2);	( 40.0,	10.0,	0.0,	1.2);
( 50.0,	10.0,	0.0,	1.2);	( 60.0,	10.0,	0.0,	1.2);
( 70.0,	10.0,	0.0,	1.2);	( 80.0,	10.0,	0.0,	1.2);
( 90.0,	10.0,	0.0,	1.2);	( 100.0,	10.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	20.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -80.0,	20.0,	0.0,	1.2);	( -70.0,	20.0,	0.0,	1.2);
( -60.0,	20.0,	0.0,	1.2);	( -50.0,	20.0,	0.0,	1.2);
( -40.0,	20.0,	0.0,	1.2);	( -30.0,	20.0,	0.0,	1.2);
( -25.0,	20.0,	0.0,	1.2);	( -20.0,	20.0,	0.0,	1.2);
( -17.0,	20.0,	0.0,	1.2);	( -15.0,	20.0,	0.0,	1.2);
( -13.0,	20.0,	0.0,	1.2);	( -11.0,	20.0,	0.0,	1.2);
( -9.0,	20.0,	0.0,	1.2);	( 9.0,	20.0,	0.0,	1.2);
( 11.0,	20.0,	0.0,	1.2);	( 13.0,	20.0,	0.0,	1.2);
( 15.0,	20.0,	0.0,	1.2);	( 17.0,	20.0,	0.0,	1.2);
( 20.0,	20.0,	0.0,	1.2);	( 25.0,	20.0,	0.0,	1.2);
( 30.0,	20.0,	0.0,	1.2);	( 40.0,	20.0,	0.0,	1.2);
( 50.0,	20.0,	0.0,	1.2);	( 60.0,	20.0,	0.0,	1.2);
( 70.0,	20.0,	0.0,	1.2);	( 80.0,	20.0,	0.0,	1.2);
( 90.0,	20.0,	0.0,	1.2);	( 100.0,	20.0,	0.0,	1.2);
( -100.0,	30.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -80.0,	30.0,	0.0,	1.2);	( -70.0,	30.0,	0.0,	1.2);
( -60.0,	30.0,	0.0,	1.2);	( -50.0,	30.0,	0.0,	1.2);
( -40.0,	30.0,	0.0,	1.2);	( -30.0,	30.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -25.0,	30.0,	0.0,	1.2);	( -20.0,	30.0,	0.0,	1.2);
( -17.0,	30.0,	0.0,	1.2);	( -15.0,	30.0,	0.0,	1.2);
( -13.0,	30.0,	0.0,	1.2);	( -11.0,	30.0,	0.0,	1.2);
( -9.0,	30.0,	0.0,	1.2);	( 9.0,	30.0,	0.0,	1.2);
( 11.0,	30.0,	0.0,	1.2);	( 13.0,	30.0,	0.0,	1.2);
( 15.0,	30.0,	0.0,	1.2);	( 17.0,	30.0,	0.0,	1.2);
( 20.0,	30.0,	0.0,	1.2);	( 25.0,	30.0,	0.0,	1.2);
( 30.0,	30.0,	0.0,	1.2);	( 40.0,	30.0,	0.0,	1.2);
( 50.0,	30.0,	0.0,	1.2);	( 60.0,	30.0,	0.0,	1.2);
( 70.0,	30.0,	0.0,	1.2);	( 80.0,	30.0,	0.0,	1.2);
( 90.0,	30.0,	0.0,	1.2);	( 100.0,	30.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -90.0,	40.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -70.0,	40.0,	0.0,	1.2);
( -60.0,	40.0,	0.0,	1.2);	( -50.0,	40.0,	0.0,	1.2);
( -40.0,	40.0,	0.0,	1.2);	( -30.0,	40.0,	0.0,	1.2);
( -25.0,	40.0,	0.0,	1.2);	( -20.0,	40.0,	0.0,	1.2);
( -17.0,	40.0,	0.0,	1.2);	( -15.0,	40.0,	0.0,	1.2);
( -13.0,	40.0,	0.0,	1.2);	( -11.0,	40.0,	0.0,	1.2);
( -9.0,	40.0,	0.0,	1.2);	( 9.0,	40.0,	0.0,	1.2);
( 11.0,	40.0,	0.0,	1.2);	( 13.0,	40.0,	0.0,	1.2);
( 15.0,	40.0,	0.0,	1.2);	( 17.0,	40.0,	0.0,	1.2);
( 20.0,	40.0,	0.0,	1.2);	( 25.0,	40.0,	0.0,	1.2);
( 30.0,	40.0,	0.0,	1.2);	( 40.0,	40.0,	0.0,	1.2);
( 50.0,	40.0,	0.0,	1.2);	( 60.0,	40.0,	0.0,	1.2);
( 70.0,	40.0,	0.0,	1.2);	( 80.0,	40.0,	0.0,	1.2);
( 90.0,	40.0,	0.0,	1.2);	( 100.0,	40.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	50.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -80.0,	50.0,	0.0,	1.2);	( -70.0,	50.0,	0.0,	1.2);
( -60.0,	50.0,	0.0,	1.2);	( -50.0,	50.0,	0.0,	1.2);
( -40.0,	50.0,	0.0,	1.2);	( -30.0,	50.0,	0.0,	1.2);
( -25.0,	50.0,	0.0,	1.2);	( -20.0,	50.0,	0.0,	1.2);
( -17.0,	50.0,	0.0,	1.2);	( -15.0,	50.0,	0.0,	1.2);
( -13.0,	50.0,	0.0,	1.2);	( -11.0,	50.0,	0.0,	1.2);
( -9.0,	50.0,	0.0,	1.2);	( 9.0,	50.0,	0.0,	1.2);
( 11.0,	50.0,	0.0,	1.2);	( 13.0,	50.0,	0.0,	1.2);
( 15.0,	50.0,	0.0,	1.2);	( 17.0,	50.0,	0.0,	1.2);
( 20.0,	50.0,	0.0,	1.2);	( 25.0,	50.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 30.0,	50.0,	0.0,	1.2);	( 40.0,	50.0,	0.0,	1.2);
( 50.0,	50.0,	0.0,	1.2);	( 60.0,	50.0,	0.0,	1.2);
( 70.0,	50.0,	0.0,	1.2);	( 80.0,	50.0,	0.0,	1.2);
( 90.0,	50.0,	0.0,	1.2);	( 100.0,	50.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -90.0,	60.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -70.0,	60.0,	0.0,	1.2);
( -60.0,	60.0,	0.0,	1.2);	( -50.0,	60.0,	0.0,	1.2);
( -40.0,	60.0,	0.0,	1.2);	( -30.0,	60.0,	0.0,	1.2);
( -25.0,	60.0,	0.0,	1.2);	( -20.0,	60.0,	0.0,	1.2);
( -17.0,	60.0,	0.0,	1.2);	( -15.0,	60.0,	0.0,	1.2);
( -13.0,	60.0,	0.0,	1.2);	( -11.0,	60.0,	0.0,	1.2);
( -9.0,	60.0,	0.0,	1.2);	( 9.0,	60.0,	0.0,	1.2);
( 11.0,	60.0,	0.0,	1.2);	( 13.0,	60.0,	0.0,	1.2);
( 15.0,	60.0,	0.0,	1.2);	( 17.0,	60.0,	0.0,	1.2);
( 20.0,	60.0,	0.0,	1.2);	( 25.0,	60.0,	0.0,	1.2);
( 30.0,	60.0,	0.0,	1.2);	( 40.0,	60.0,	0.0,	1.2);
( 50.0,	60.0,	0.0,	1.2);	( 60.0,	60.0,	0.0,	1.2);
( 70.0,	60.0,	0.0,	1.2);	( 80.0,	60.0,	0.0,	1.2);
( 90.0,	60.0,	0.0,	1.2);	( 100.0,	60.0,	0.0,	1.2);
( -100.0,	70.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -80.0,	70.0,	0.0,	1.2);	( -70.0,	70.0,	0.0,	1.2);
( -60.0,	70.0,	0.0,	1.2);	( -50.0,	70.0,	0.0,	1.2);
( -40.0,	70.0,	0.0,	1.2);	( -30.0,	70.0,	0.0,	1.2);
( -25.0,	70.0,	0.0,	1.2);	( -20.0,	70.0,	0.0,	1.2);
( -17.0,	70.0,	0.0,	1.2);	( -15.0,	70.0,	0.0,	1.2);
( -13.0,	70.0,	0.0,	1.2);	( -11.0,	70.0,	0.0,	1.2);
( -9.0,	70.0,	0.0,	1.2);	( 9.0,	70.0,	0.0,	1.2);
( 11.0,	70.0,	0.0,	1.2);	( 13.0,	70.0,	0.0,	1.2);
( 15.0,	70.0,	0.0,	1.2);	( 17.0,	70.0,	0.0,	1.2);
( 20.0,	70.0,	0.0,	1.2);	( 25.0,	70.0,	0.0,	1.2);
( 30.0,	70.0,	0.0,	1.2);	( 40.0,	70.0,	0.0,	1.2);
( 50.0,	70.0,	0.0,	1.2);	( 60.0,	70.0,	0.0,	1.2);
( 70.0,	70.0,	0.0,	1.2);	( 80.0,	70.0,	0.0,	1.2);
( 90.0,	70.0,	0.0,	1.2);	( 100.0,	70.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:  
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	80.0,	0.0,	1.2);	( -90.0,	80.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -70.0,	80.0,	0.0,	1.2);
( -60.0,	80.0,	0.0,	1.2);	( -50.0,	80.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -40.0,	80.0,	0.0,	1.2);	( -30.0,	80.0,	0.0,	1.2);
( -25.0,	80.0,	0.0,	1.2);	( -20.0,	80.0,	0.0,	1.2);
( -17.0,	80.0,	0.0,	1.2);	( -15.0,	80.0,	0.0,	1.2);
( -13.0,	80.0,	0.0,	1.2);	( -11.0,	80.0,	0.0,	1.2);
( -9.0,	80.0,	0.0,	1.2);	( 9.0,	80.0,	0.0,	1.2);
( 11.0,	80.0,	0.0,	1.2);	( 13.0,	80.0,	0.0,	1.2);
( 15.0,	80.0,	0.0,	1.2);	( 17.0,	80.0,	0.0,	1.2);
( 20.0,	80.0,	0.0,	1.2);	( 25.0,	80.0,	0.0,	1.2);
( 30.0,	80.0,	0.0,	1.2);	( 40.0,	80.0,	0.0,	1.2);
( 50.0,	80.0,	0.0,	1.2);	( 60.0,	80.0,	0.0,	1.2);
( 70.0,	80.0,	0.0,	1.2);	( 80.0,	80.0,	0.0,	1.2);
( 90.0,	80.0,	0.0,	1.2);	( 100.0,	80.0,	0.0,	1.2);
( -100.0,	90.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -80.0,	90.0,	0.0,	1.2);	( -70.0,	90.0,	0.0,	1.2);
( -60.0,	90.0,	0.0,	1.2);	( -50.0,	90.0,	0.0,	1.2);
( -40.0,	90.0,	0.0,	1.2);	( -30.0,	90.0,	0.0,	1.2);
( -25.0,	90.0,	0.0,	1.2);	( -20.0,	90.0,	0.0,	1.2);
( -17.0,	90.0,	0.0,	1.2);	( -15.0,	90.0,	0.0,	1.2);
( -13.0,	90.0,	0.0,	1.2);	( -11.0,	90.0,	0.0,	1.2);
( -9.0,	90.0,	0.0,	1.2);	( 9.0,	90.0,	0.0,	1.2);
( 11.0,	90.0,	0.0,	1.2);	( 13.0,	90.0,	0.0,	1.2);
( 15.0,	90.0,	0.0,	1.2);	( 17.0,	90.0,	0.0,	1.2);
( 20.0,	90.0,	0.0,	1.2);	( 25.0,	90.0,	0.0,	1.2);
( 30.0,	90.0,	0.0,	1.2);	( 40.0,	90.0,	0.0,	1.2);
( 50.0,	90.0,	0.0,	1.2);	( 60.0,	90.0,	0.0,	1.2);
( 70.0,	90.0,	0.0,	1.2);	( 80.0,	90.0,	0.0,	1.2);
( 90.0,	90.0,	0.0,	1.2);	( 100.0,	90.0,	0.0,	1.2);
( -100.0,	100.0,	0.0,	1.2);	( -90.0,	100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -70.0,	100.0,	0.0,	1.2);
( -60.0,	100.0,	0.0,	1.2);	( -50.0,	100.0,	0.0,	1.2);
( -40.0,	100.0,	0.0,	1.2);	( -30.0,	100.0,	0.0,	1.2);
( -25.0,	100.0,	0.0,	1.2);	( -20.0,	100.0,	0.0,	1.2);
( -17.0,	100.0,	0.0,	1.2);	( -15.0,	100.0,	0.0,	1.2);
( -13.0,	100.0,	0.0,	1.2);	( -11.0,	100.0,	0.0,	1.2);
( -9.0,	100.0,	0.0,	1.2);	( 9.0,	100.0,	0.0,	1.2);
( 11.0,	100.0,	0.0,	1.2);	( 13.0,	100.0,	0.0,	1.2);
( 15.0,	100.0,	0.0,	1.2);	( 17.0,	100.0,	0.0,	1.2);
( 20.0,	100.0,	0.0,	1.2);	( 25.0,	100.0,	0.0,	1.2);
( 30.0,	100.0,	0.0,	1.2);	( 40.0,	100.0,	0.0,	1.2);
( 50.0,	100.0,	0.0,	1.2);	( 60.0,	100.0,	0.0,	1.2);
( 70.0,	100.0,	0.0,	1.2);	( 80.0,	100.0,	0.0,	1.2);
( 90.0,	100.0,	0.0,	1.2);	( 100.0,	100.0,	0.0,	1.2);

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, 110.0, 0.0, 1.2);	( -90.0, 110.0, 0.0, 1.2);
( -80.0, 110.0, 0.0, 1.2);	( -70.0, 110.0, 0.0, 1.2);
( -60.0, 110.0, 0.0, 1.2);	( -50.0, 110.0, 0.0, 1.2);
( -40.0, 110.0, 0.0, 1.2);	( -30.0, 110.0, 0.0, 1.2);
( -25.0, 110.0, 0.0, 1.2);	( -20.0, 110.0, 0.0, 1.2);
( -17.0, 110.0, 0.0, 1.2);	( -15.0, 110.0, 0.0, 1.2);
( -13.0, 110.0, 0.0, 1.2);	( -11.0, 110.0, 0.0, 1.2);
( -9.0, 110.0, 0.0, 1.2);	( 9.0, 110.0, 0.0, 1.2);
( 11.0, 110.0, 0.0, 1.2);	( 13.0, 110.0, 0.0, 1.2);
( 15.0, 110.0, 0.0, 1.2);	( 17.0, 110.0, 0.0, 1.2);
( 20.0, 110.0, 0.0, 1.2);	( 25.0, 110.0, 0.0, 1.2);
( 30.0, 110.0, 0.0, 1.2);	( 40.0, 110.0, 0.0, 1.2);
( 50.0, 110.0, 0.0, 1.2);	( 60.0, 110.0, 0.0, 1.2);
( 70.0, 110.0, 0.0, 1.2);	( 80.0, 110.0, 0.0, 1.2);
( 90.0, 110.0, 0.0, 1.2);	( 100.0, 110.0, 0.0, 1.2);
( -100.0, 120.0, 0.0, 1.2);	( -90.0, 120.0, 0.0, 1.2);
( -80.0, 120.0, 0.0, 1.2);	( -70.0, 120.0, 0.0, 1.2);
( -60.0, 120.0, 0.0, 1.2);	( -50.0, 120.0, 0.0, 1.2);
( -40.0, 120.0, 0.0, 1.2);	( -30.0, 120.0, 0.0, 1.2);
( -25.0, 120.0, 0.0, 1.2);	( -20.0, 120.0, 0.0, 1.2);
( -17.0, 120.0, 0.0, 1.2);	( -15.0, 120.0, 0.0, 1.2);
( -13.0, 120.0, 0.0, 1.2);	( -11.0, 120.0, 0.0, 1.2);
( -9.0, 120.0, 0.0, 1.2);	( 9.0, 120.0, 0.0, 1.2);
( 11.0, 120.0, 0.0, 1.2);	( 13.0, 120.0, 0.0, 1.2);
( 15.0, 120.0, 0.0, 1.2);	( 17.0, 120.0, 0.0, 1.2);
( 20.0, 120.0, 0.0, 1.2);	( 25.0, 120.0, 0.0, 1.2);
( 30.0, 120.0, 0.0, 1.2);	( 40.0, 120.0, 0.0, 1.2);
( 50.0, 120.0, 0.0, 1.2);	( 60.0, 120.0, 0.0, 1.2);
( 70.0, 120.0, 0.0, 1.2);	( 80.0, 120.0, 0.0, 1.2);
( 90.0, 120.0, 0.0, 1.2);	( 100.0, 120.0, 0.0, 1.2);
( -100.0, 130.0, 0.0, 1.2);	( -90.0, 130.0, 0.0, 1.2);
( -80.0, 130.0, 0.0, 1.2);	( -70.0, 130.0, 0.0, 1.2);
( -60.0, 130.0, 0.0, 1.2);	( -50.0, 130.0, 0.0, 1.2);
( -40.0, 130.0, 0.0, 1.2);	( -30.0, 130.0, 0.0, 1.2);
( -25.0, 130.0, 0.0, 1.2);	( -20.0, 130.0, 0.0, 1.2);
( -17.0, 130.0, 0.0, 1.2);	( -15.0, 130.0, 0.0, 1.2);
( -13.0, 130.0, 0.0, 1.2);	( -11.0, 130.0, 0.0, 1.2);
( -9.0, 130.0, 0.0, 1.2);	( 9.0, 130.0, 0.0, 1.2);
( 11.0, 130.0, 0.0, 1.2);	( 13.0, 130.0, 0.0, 1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0,	130.0,	0.0,	1.2);	( 17.0,	130.0,	0.0,	1.2);
( 20.0,	130.0,	0.0,	1.2);	( 25.0,	130.0,	0.0,	1.2);
( 30.0,	130.0,	0.0,	1.2);	( 40.0,	130.0,	0.0,	1.2);
( 50.0,	130.0,	0.0,	1.2);	( 60.0,	130.0,	0.0,	1.2);
( 70.0,	130.0,	0.0,	1.2);	( 80.0,	130.0,	0.0,	1.2);
( 90.0,	130.0,	0.0,	1.2);	( 100.0,	130.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	140.0,	0.0,	1.2);	( -90.0,	140.0,	0.0,	1.2);
( -80.0,	140.0,	0.0,	1.2);	( -70.0,	140.0,	0.0,	1.2);
( -60.0,	140.0,	0.0,	1.2);	( -50.0,	140.0,	0.0,	1.2);
( -40.0,	140.0,	0.0,	1.2);	( -30.0,	140.0,	0.0,	1.2);
( -25.0,	140.0,	0.0,	1.2);	( -20.0,	140.0,	0.0,	1.2);
( -17.0,	140.0,	0.0,	1.2);	( -15.0,	140.0,	0.0,	1.2);
( -13.0,	140.0,	0.0,	1.2);	( -11.0,	140.0,	0.0,	1.2);
( -9.0,	140.0,	0.0,	1.2);	( 9.0,	140.0,	0.0,	1.2);
( 11.0,	140.0,	0.0,	1.2);	( 13.0,	140.0,	0.0,	1.2);
( 15.0,	140.0,	0.0,	1.2);	( 17.0,	140.0,	0.0,	1.2);
( 20.0,	140.0,	0.0,	1.2);	( 25.0,	140.0,	0.0,	1.2);
( 30.0,	140.0,	0.0,	1.2);	( 40.0,	140.0,	0.0,	1.2);
( 50.0,	140.0,	0.0,	1.2);	( 60.0,	140.0,	0.0,	1.2);
( 70.0,	140.0,	0.0,	1.2);	( 80.0,	140.0,	0.0,	1.2);
( 90.0,	140.0,	0.0,	1.2);	( 100.0,	140.0,	0.0,	1.2);
( -100.0,	150.0,	0.0,	1.2);	( -90.0,	150.0,	0.0,	1.2);
( -80.0,	150.0,	0.0,	1.2);	( -70.0,	150.0,	0.0,	1.2);
( -60.0,	150.0,	0.0,	1.2);	( -50.0,	150.0,	0.0,	1.2);
( -40.0,	150.0,	0.0,	1.2);	( -30.0,	150.0,	0.0,	1.2);
( -25.0,	150.0,	0.0,	1.2);	( -20.0,	150.0,	0.0,	1.2);
( -17.0,	150.0,	0.0,	1.2);	( -15.0,	150.0,	0.0,	1.2);
( -13.0,	150.0,	0.0,	1.2);	( -11.0,	150.0,	0.0,	1.2);
( -9.0,	150.0,	0.0,	1.2);	( 9.0,	150.0,	0.0,	1.2);
( 11.0,	150.0,	0.0,	1.2);	( 13.0,	150.0,	0.0,	1.2);
( 15.0,	150.0,	0.0,	1.2);	( 17.0,	150.0,	0.0,	1.2);
( 20.0,	150.0,	0.0,	1.2);	( 25.0,	150.0,	0.0,	1.2);
( 30.0,	150.0,	0.0,	1.2);	( 40.0,	150.0,	0.0,	1.2);
( 50.0,	150.0,	0.0,	1.2);	( 60.0,	150.0,	0.0,	1.2);
( 70.0,	150.0,	0.0,	1.2);	( 80.0,	150.0,	0.0,	1.2);
( 90.0,	150.0,	0.0,	1.2);	( 100.0,	150.0,	0.0,	1.2);
( -100.0,	160.0,	0.0,	1.2);	( -90.0,	160.0,	0.0,	1.2);



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0,	160.0,	0.0,	1.2);	( -70.0,	160.0,	0.0,	1.2);
( -60.0,	160.0,	0.0,	1.2);	( -50.0,	160.0,	0.0,	1.2);
( -40.0,	160.0,	0.0,	1.2);	( -30.0,	160.0,	0.0,	1.2);
( -25.0,	160.0,	0.0,	1.2);	( -20.0,	160.0,	0.0,	1.2);
( -17.0,	160.0,	0.0,	1.2);	( -15.0,	160.0,	0.0,	1.2);
( -13.0,	160.0,	0.0,	1.2);	( -11.0,	160.0,	0.0,	1.2);
( -9.0,	160.0,	0.0,	1.2);	( 9.0,	160.0,	0.0,	1.2);
( 11.0,	160.0,	0.0,	1.2);	( 13.0,	160.0,	0.0,	1.2);
( 15.0,	160.0,	0.0,	1.2);	( 17.0,	160.0,	0.0,	1.2);
( 20.0,	160.0,	0.0,	1.2);	( 25.0,	160.0,	0.0,	1.2);
( 30.0,	160.0,	0.0,	1.2);	( 40.0,	160.0,	0.0,	1.2);
( 50.0,	160.0,	0.0,	1.2);	( 60.0,	160.0,	0.0,	1.2);
( 70.0,	160.0,	0.0,	1.2);	( 80.0,	160.0,	0.0,	1.2);
( 90.0,	160.0,	0.0,	1.2);	( 100.0,	160.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 18  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	170.0,	0.0,	1.2);	( -90.0,	170.0,	0.0,	1.2);
( -80.0,	170.0,	0.0,	1.2);	( -70.0,	170.0,	0.0,	1.2);
( -60.0,	170.0,	0.0,	1.2);	( -50.0,	170.0,	0.0,	1.2);
( -40.0,	170.0,	0.0,	1.2);	( -30.0,	170.0,	0.0,	1.2);
( -25.0,	170.0,	0.0,	1.2);	( -20.0,	170.0,	0.0,	1.2);
( -17.0,	170.0,	0.0,	1.2);	( -15.0,	170.0,	0.0,	1.2);
( -13.0,	170.0,	0.0,	1.2);	( -11.0,	170.0,	0.0,	1.2);
( -9.0,	170.0,	0.0,	1.2);	( 9.0,	170.0,	0.0,	1.2);
( 11.0,	170.0,	0.0,	1.2);	( 13.0,	170.0,	0.0,	1.2);
( 15.0,	170.0,	0.0,	1.2);	( 17.0,	170.0,	0.0,	1.2);
( 20.0,	170.0,	0.0,	1.2);	( 25.0,	170.0,	0.0,	1.2);
( 30.0,	170.0,	0.0,	1.2);	( 40.0,	170.0,	0.0,	1.2);
( 50.0,	170.0,	0.0,	1.2);	( 60.0,	170.0,	0.0,	1.2);
( 70.0,	170.0,	0.0,	1.2);	( 80.0,	170.0,	0.0,	1.2);
( 90.0,	170.0,	0.0,	1.2);	( 100.0,	170.0,	0.0,	1.2);
( -100.0,	180.0,	0.0,	1.2);	( -90.0,	180.0,	0.0,	1.2);
( -80.0,	180.0,	0.0,	1.2);	( -70.0,	180.0,	0.0,	1.2);
( -60.0,	180.0,	0.0,	1.2);	( -50.0,	180.0,	0.0,	1.2);
( -40.0,	180.0,	0.0,	1.2);	( -30.0,	180.0,	0.0,	1.2);
( -25.0,	180.0,	0.0,	1.2);	( -20.0,	180.0,	0.0,	1.2);
( -17.0,	180.0,	0.0,	1.2);	( -15.0,	180.0,	0.0,	1.2);
( -13.0,	180.0,	0.0,	1.2);	( -11.0,	180.0,	0.0,	1.2);
( -9.0,	180.0,	0.0,	1.2);	( 9.0,	180.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0,	180.0,	0.0,	1.2);	( 13.0,	180.0,	0.0,	1.2);
( 15.0,	180.0,	0.0,	1.2);	( 17.0,	180.0,	0.0,	1.2);
( 20.0,	180.0,	0.0,	1.2);	( 25.0,	180.0,	0.0,	1.2);
( 30.0,	180.0,	0.0,	1.2);	( 40.0,	180.0,	0.0,	1.2);
( 50.0,	180.0,	0.0,	1.2);	( 60.0,	180.0,	0.0,	1.2);
( 70.0,	180.0,	0.0,	1.2);	( 80.0,	180.0,	0.0,	1.2);
( 90.0,	180.0,	0.0,	1.2);	( 100.0,	180.0,	0.0,	1.2);
( -100.0,	190.0,	0.0,	1.2);	( -90.0,	190.0,	0.0,	1.2);
( -80.0,	190.0,	0.0,	1.2);	( -70.0,	190.0,	0.0,	1.2);
( -60.0,	190.0,	0.0,	1.2);	( -50.0,	190.0,	0.0,	1.2);
( -40.0,	190.0,	0.0,	1.2);	( -30.0,	190.0,	0.0,	1.2);
( -25.0,	190.0,	0.0,	1.2);	( -20.0,	190.0,	0.0,	1.2);
( -17.0,	190.0,	0.0,	1.2);	( -15.0,	190.0,	0.0,	1.2);
( -13.0,	190.0,	0.0,	1.2);	( -11.0,	190.0,	0.0,	1.2);
( -9.0,	190.0,	0.0,	1.2);	( 9.0,	190.0,	0.0,	1.2);
( 11.0,	190.0,	0.0,	1.2);	( 13.0,	190.0,	0.0,	1.2);
( 15.0,	190.0,	0.0,	1.2);	( 17.0,	190.0,	0.0,	1.2);
( 20.0,	190.0,	0.0,	1.2);	( 25.0,	190.0,	0.0,	1.2);
( 30.0,	190.0,	0.0,	1.2);	( 40.0,	190.0,	0.0,	1.2);
( 50.0,	190.0,	0.0,	1.2);	( 60.0,	190.0,	0.0,	1.2);
( 70.0,	190.0,	0.0,	1.2);	( 80.0,	190.0,	0.0,	1.2);
( 90.0,	190.0,	0.0,	1.2);	( 100.0,	190.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	200.0,	0.0,	1.2);	( -90.0,	200.0,	0.0,	1.2);
( -80.0,	200.0,	0.0,	1.2);	( -70.0,	200.0,	0.0,	1.2);
( -60.0,	200.0,	0.0,	1.2);	( -50.0,	200.0,	0.0,	1.2);
( -40.0,	200.0,	0.0,	1.2);	( -30.0,	200.0,	0.0,	1.2);
( -25.0,	200.0,	0.0,	1.2);	( -20.0,	200.0,	0.0,	1.2);
( -17.0,	200.0,	0.0,	1.2);	( -15.0,	200.0,	0.0,	1.2);
( -13.0,	200.0,	0.0,	1.2);	( -11.0,	200.0,	0.0,	1.2);
( -9.0,	200.0,	0.0,	1.2);	( 9.0,	200.0,	0.0,	1.2);
( 11.0,	200.0,	0.0,	1.2);	( 13.0,	200.0,	0.0,	1.2);
( 15.0,	200.0,	0.0,	1.2);	( 17.0,	200.0,	0.0,	1.2);
( 20.0,	200.0,	0.0,	1.2);	( 25.0,	200.0,	0.0,	1.2);
( 30.0,	200.0,	0.0,	1.2);	( 40.0,	200.0,	0.0,	1.2);
( 50.0,	200.0,	0.0,	1.2);	( 60.0,	200.0,	0.0,	1.2);
( 70.0,	200.0,	0.0,	1.2);	( 80.0,	200.0,	0.0,	1.2);
( 90.0,	200.0,	0.0,	1.2);	( 100.0,	200.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0,	210.0,	0.0,	1.2);	( -90.0,	210.0,	0.0,	1.2);
( -80.0,	210.0,	0.0,	1.2);	( -70.0,	210.0,	0.0,	1.2);
( -60.0,	210.0,	0.0,	1.2);	( -50.0,	210.0,	0.0,	1.2);
( -40.0,	210.0,	0.0,	1.2);	( -30.0,	210.0,	0.0,	1.2);
( -25.0,	210.0,	0.0,	1.2);	( -20.0,	210.0,	0.0,	1.2);
( -17.0,	210.0,	0.0,	1.2);	( -15.0,	210.0,	0.0,	1.2);
( -13.0,	210.0,	0.0,	1.2);	( -11.0,	210.0,	0.0,	1.2);
( -9.0,	210.0,	0.0,	1.2);	( 9.0,	210.0,	0.0,	1.2);
( 11.0,	210.0,	0.0,	1.2);	( 13.0,	210.0,	0.0,	1.2);
( 15.0,	210.0,	0.0,	1.2);	( 17.0,	210.0,	0.0,	1.2);
( 20.0,	210.0,	0.0,	1.2);	( 25.0,	210.0,	0.0,	1.2);
( 30.0,	210.0,	0.0,	1.2);	( 40.0,	210.0,	0.0,	1.2);
( 50.0,	210.0,	0.0,	1.2);	( 60.0,	210.0,	0.0,	1.2);
( 70.0,	210.0,	0.0,	1.2);	( 80.0,	210.0,	0.0,	1.2);
( 90.0,	210.0,	0.0,	1.2);	( 100.0,	210.0,	0.0,	1.2);
( -100.0,	220.0,	0.0,	1.2);	( -90.0,	220.0,	0.0,	1.2);
( -80.0,	220.0,	0.0,	1.2);	( -70.0,	220.0,	0.0,	1.2);
( -60.0,	220.0,	0.0,	1.2);	( -50.0,	220.0,	0.0,	1.2);
( -40.0,	220.0,	0.0,	1.2);	( -30.0,	220.0,	0.0,	1.2);
( -25.0,	220.0,	0.0,	1.2);	( -20.0,	220.0,	0.0,	1.2);
( -17.0,	220.0,	0.0,	1.2);	( -15.0,	220.0,	0.0,	1.2);
( -13.0,	220.0,	0.0,	1.2);	( -11.0,	220.0,	0.0,	1.2);
( -9.0,	220.0,	0.0,	1.2);	( 9.0,	220.0,	0.0,	1.2);
( 11.0,	220.0,	0.0,	1.2);	( 13.0,	220.0,	0.0,	1.2);
( 15.0,	220.0,	0.0,	1.2);	( 17.0,	220.0,	0.0,	1.2);
( 20.0,	220.0,	0.0,	1.2);	( 25.0,	220.0,	0.0,	1.2);
( 30.0,	220.0,	0.0,	1.2);	( 40.0,	220.0,	0.0,	1.2);
( 50.0,	220.0,	0.0,	1.2);	( 60.0,	220.0,	0.0,	1.2);
( 70.0,	220.0,	0.0,	1.2);	( 80.0,	220.0,	0.0,	1.2);
( 90.0,	220.0,	0.0,	1.2);	( 100.0,	220.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	230.0,	0.0,	1.2);	( -90.0,	230.0,	0.0,	1.2);
( -80.0,	230.0,	0.0,	1.2);	( -70.0,	230.0,	0.0,	1.2);
( -60.0,	230.0,	0.0,	1.2);	( -50.0,	230.0,	0.0,	1.2);
( -40.0,	230.0,	0.0,	1.2);	( -30.0,	230.0,	0.0,	1.2);
( -25.0,	230.0,	0.0,	1.2);	( -20.0,	230.0,	0.0,	1.2);
( -17.0,	230.0,	0.0,	1.2);	( -15.0,	230.0,	0.0,	1.2);
( -13.0,	230.0,	0.0,	1.2);	( -11.0,	230.0,	0.0,	1.2);

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0,	230.0,	0.0,	1.2);	( -9.0,	230.0,	0.0,	1.2);
( 11.0,	230.0,	0.0,	1.2);	( 13.0,	230.0,	0.0,	1.2);
( 15.0,	230.0,	0.0,	1.2);	( 17.0,	230.0,	0.0,	1.2);
( 20.0,	230.0,	0.0,	1.2);	( 25.0,	230.0,	0.0,	1.2);
( 30.0,	230.0,	0.0,	1.2);	( 40.0,	230.0,	0.0,	1.2);
( 50.0,	230.0,	0.0,	1.2);	( 60.0,	230.0,	0.0,	1.2);
( 70.0,	230.0,	0.0,	1.2);	( 80.0,	230.0,	0.0,	1.2);
( 90.0,	230.0,	0.0,	1.2);	( 100.0,	230.0,	0.0,	1.2);
( -100.0,	240.0,	0.0,	1.2);	( -90.0,	240.0,	0.0,	1.2);
( -80.0,	240.0,	0.0,	1.2);	( -70.0,	240.0,	0.0,	1.2);
( -60.0,	240.0,	0.0,	1.2);	( -50.0,	240.0,	0.0,	1.2);
( -40.0,	240.0,	0.0,	1.2);	( -30.0,	240.0,	0.0,	1.2);
( -25.0,	240.0,	0.0,	1.2);	( -20.0,	240.0,	0.0,	1.2);
( -17.0,	240.0,	0.0,	1.2);	( -15.0,	240.0,	0.0,	1.2);
( -13.0,	240.0,	0.0,	1.2);	( -11.0,	240.0,	0.0,	1.2);
( -9.0,	240.0,	0.0,	1.2);	( 9.0,	240.0,	0.0,	1.2);
( 11.0,	240.0,	0.0,	1.2);	( 13.0,	240.0,	0.0,	1.2);
( 15.0,	240.0,	0.0,	1.2);	( 17.0,	240.0,	0.0,	1.2);
( 20.0,	240.0,	0.0,	1.2);	( 25.0,	240.0,	0.0,	1.2);
( 30.0,	240.0,	0.0,	1.2);	( 40.0,	240.0,	0.0,	1.2);
( 50.0,	240.0,	0.0,	1.2);	( 60.0,	240.0,	0.0,	1.2);
( 70.0,	240.0,	0.0,	1.2);	( 80.0,	240.0,	0.0,	1.2);
( 90.0,	240.0,	0.0,	1.2);	( 100.0,	240.0,	0.0,	1.2);
( -100.0,	250.0,	0.0,	1.2);	( -90.0,	250.0,	0.0,	1.2);
( -80.0,	250.0,	0.0,	1.2);	( -70.0,	250.0,	0.0,	1.2);
( -60.0,	250.0,	0.0,	1.2);	( -50.0,	250.0,	0.0,	1.2);
( -40.0,	250.0,	0.0,	1.2);	( -30.0,	250.0,	0.0,	1.2);
( -25.0,	250.0,	0.0,	1.2);	( -20.0,	250.0,	0.0,	1.2);
( -17.0,	250.0,	0.0,	1.2);	( -15.0,	250.0,	0.0,	1.2);
( -13.0,	250.0,	0.0,	1.2);	( -11.0,	250.0,	0.0,	1.2);
( -9.0,	250.0,	0.0,	1.2);	( 9.0,	250.0,	0.0,	1.2);
( 11.0,	250.0,	0.0,	1.2);	( 13.0,	250.0,	0.0,	1.2);
( 15.0,	250.0,	0.0,	1.2);	( 17.0,	250.0,	0.0,	1.2);
( 20.0,	250.0,	0.0,	1.2);	( 25.0,	250.0,	0.0,	1.2);
( 30.0,	250.0,	0.0,	1.2);	( 40.0,	250.0,	0.0,	1.2);
( 50.0,	250.0,	0.0,	1.2);	( 60.0,	250.0,	0.0,	1.2);
( 70.0,	250.0,	0.0,	1.2);	( 80.0,	250.0,	0.0,	1.2);
( 90.0,	250.0,	0.0,	1.2);	( 100.0,	250.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00005	-90.00	-250.00	0.00005
-80.00	-250.00	0.00005	-70.00	-250.00	0.00005
-60.00	-250.00	0.00005	-50.00	-250.00	0.00006
-40.00	-250.00	0.00006	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00006	-15.00	-250.00	0.00006
-13.00	-250.00	0.00006	-11.00	-250.00	0.00006
-9.00	-250.00	0.00006	9.00	-250.00	0.00007
11.00	-250.00	0.00007	13.00	-250.00	0.00007
15.00	-250.00	0.00007	17.00	-250.00	0.00007
20.00	-250.00	0.00007	25.00	-250.00	0.00007
30.00	-250.00	0.00007	40.00	-250.00	0.00007
50.00	-250.00	0.00007	60.00	-250.00	0.00008
70.00	-250.00	0.00008	80.00	-250.00	0.00008
90.00	-250.00	0.00008	100.00	-250.00	0.00009
-100.00	-240.00	0.00005	-90.00	-240.00	0.00005
-80.00	-240.00	0.00005	-70.00	-240.00	0.00005

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00006	-50.00	-240.00	0.00006
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00006	-20.00	-240.00	0.00006
-17.00	-240.00	0.00007	-15.00	-240.00	0.00007
-13.00	-240.00	0.00007	-11.00	-240.00	0.00007
-9.00	-240.00	0.00007	9.00	-240.00	0.00007
11.00	-240.00	0.00007	13.00	-240.00	0.00007
15.00	-240.00	0.00007	17.00	-240.00	0.00007
20.00	-240.00	0.00007	25.00	-240.00	0.00007
30.00	-240.00	0.00007	40.00	-240.00	0.00007
50.00	-240.00	0.00008	60.00	-240.00	0.00008
70.00	-240.00	0.00008	80.00	-240.00	0.00008
90.00	-240.00	0.00009	100.00	-240.00	0.00009
-100.00	-230.00	0.00005	-90.00	-230.00	0.00005
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005
-60.00	-230.00	0.00006	-50.00	-230.00	0.00006
-40.00	-230.00	0.00006	-30.00	-230.00	0.00007
-25.00	-230.00	0.00007	-20.00	-230.00	0.00007
-17.00	-230.00	0.00007	-15.00	-230.00	0.00007
-13.00	-230.00	0.00007	-11.00	-230.00	0.00007
-9.00	-230.00	0.00007	9.00	-230.00	0.00007
11.00	-230.00	0.00007	13.00	-230.00	0.00007
15.00	-230.00	0.00007	17.00	-230.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00007	25.00	-230.00	0.00008
30.00	-230.00	0.00008	40.00	-230.00	0.00008
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00009	80.00	-230.00	0.00009
90.00	-230.00	0.00009	100.00	-230.00	0.00009
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00006
-60.00	-220.00	0.00006	-50.00	-220.00	0.00006
-40.00	-220.00	0.00007	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00007	-11.00	-220.00	0.00007
-9.00	-220.00	0.00007	9.00	-220.00	0.00008
11.00	-220.00	0.00008	13.00	-220.00	0.00008
15.00	-220.00	0.00008	17.00	-220.00	0.00008
20.00	-220.00	0.00008	25.00	-220.00	0.00008
30.00	-220.00	0.00008	40.00	-220.00	0.00008
50.00	-220.00	0.00008	60.00	-220.00	0.00009
70.00	-220.00	0.00009	80.00	-220.00	0.00009
90.00	-220.00	0.00010	100.00	-220.00	0.00010
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00006	-70.00	-210.00	0.00006
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00007	-30.00	-210.00	0.00007
-25.00	-210.00	0.00007	-20.00	-210.00	0.00007
-17.00	-210.00	0.00007	-15.00	-210.00	0.00008
-13.00	-210.00	0.00008	-11.00	-210.00	0.00008
-9.00	-210.00	0.00008	9.00	-210.00	0.00008
11.00	-210.00	0.00008	13.00	-210.00	0.00008
15.00	-210.00	0.00008	17.00	-210.00	0.00008
20.00	-210.00	0.00008	25.00	-210.00	0.00008
30.00	-210.00	0.00008	40.00	-210.00	0.00009
50.00	-210.00	0.00009	60.00	-210.00	0.00009
70.00	-210.00	0.00009	80.00	-210.00	0.00010
90.00	-210.00	0.00010	100.00	-210.00	0.00010
-100.00	-200.00	0.00005	-90.00	-200.00	0.00006
-80.00	-200.00	0.00006	-70.00	-200.00	0.00006
-60.00	-200.00	0.00006	-50.00	-200.00	0.00007
-40.00	-200.00	0.00007	-30.00	-200.00	0.00007
-25.00	-200.00	0.00008	-20.00	-200.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00008	-15.00	-200.00	0.00008
-13.00	-200.00	0.00008	-11.00	-200.00	0.00008
-9.00	-200.00	0.00008	9.00	-200.00	0.00008
11.00	-200.00	0.00008	13.00	-200.00	0.00008
15.00	-200.00	0.00008	17.00	-200.00	0.00009



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00009	25.00	-200.00	0.00009
30.00	-200.00	0.00009	40.00	-200.00	0.00009
50.00	-200.00	0.00009	60.00	-200.00	0.00010
70.00	-200.00	0.00010	80.00	-200.00	0.00010
90.00	-200.00	0.00011	100.00	-200.00	0.00011
-100.00	-190.00	0.00006	-90.00	-190.00	0.00006
-80.00	-190.00	0.00006	-70.00	-190.00	0.00006
-60.00	-190.00	0.00007	-50.00	-190.00	0.00007
-40.00	-190.00	0.00007	-30.00	-190.00	0.00008
-25.00	-190.00	0.00008	-20.00	-190.00	0.00008
-17.00	-190.00	0.00008	-15.00	-190.00	0.00008
-13.00	-190.00	0.00008	-11.00	-190.00	0.00008
-9.00	-190.00	0.00008	9.00	-190.00	0.00009
11.00	-190.00	0.00009	13.00	-190.00	0.00009
15.00	-190.00	0.00009	17.00	-190.00	0.00009
20.00	-190.00	0.00009	25.00	-190.00	0.00009
30.00	-190.00	0.00009	40.00	-190.00	0.00010
50.00	-190.00	0.00010	60.00	-190.00	0.00010
70.00	-190.00	0.00011	80.00	-190.00	0.00011
90.00	-190.00	0.00011	100.00	-190.00	0.00012
-100.00	-180.00	0.00006	-90.00	-180.00	0.00006
-80.00	-180.00	0.00006	-70.00	-180.00	0.00007
-60.00	-180.00	0.00007	-50.00	-180.00	0.00007
-40.00	-180.00	0.00008	-30.00	-180.00	0.00008
-25.00	-180.00	0.00008	-20.00	-180.00	0.00008
-17.00	-180.00	0.00009	-15.00	-180.00	0.00009
-13.00	-180.00	0.00009	-11.00	-180.00	0.00009
-9.00	-180.00	0.00009	9.00	-180.00	0.00009
11.00	-180.00	0.00009	13.00	-180.00	0.00009
15.00	-180.00	0.00009	17.00	-180.00	0.00009
20.00	-180.00	0.00009	25.00	-180.00	0.00010
30.00	-180.00	0.00010	40.00	-180.00	0.00010
50.00	-180.00	0.00010	60.00	-180.00	0.00011
70.00	-180.00	0.00011	80.00	-180.00	0.00012
90.00	-180.00	0.00012	100.00	-180.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:05:15  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00006	-90.00	-170.00	0.00006
-80.00	-170.00	0.00007	-70.00	-170.00	0.00007
-60.00	-170.00	0.00007	-50.00	-170.00	0.00008
-40.00	-170.00	0.00008	-30.00	-170.00	0.00009
-25.00	-170.00	0.00009	-20.00	-170.00	0.00009
-17.00	-170.00	0.00009	-15.00	-170.00	0.00009
-13.00	-170.00	0.00009	-11.00	-170.00	0.00009
-9.00	-170.00	0.00009	9.00	-170.00	0.00010
11.00	-170.00	0.00010	13.00	-170.00	0.00010
15.00	-170.00	0.00010	17.00	-170.00	0.00010
20.00	-170.00	0.00010	25.00	-170.00	0.00010
30.00	-170.00	0.00010	40.00	-170.00	0.00011
50.00	-170.00	0.00011	60.00	-170.00	0.00011
70.00	-170.00	0.00012	80.00	-170.00	0.00012
90.00	-170.00	0.00013	100.00	-170.00	0.00013
-100.00	-160.00	0.00006	-90.00	-160.00	0.00007
-80.00	-160.00	0.00007	-70.00	-160.00	0.00007
-60.00	-160.00	0.00008	-50.00	-160.00	0.00008
-40.00	-160.00	0.00008	-30.00	-160.00	0.00009
-25.00	-160.00	0.00009	-20.00	-160.00	0.00009
-17.00	-160.00	0.00009	-15.00	-160.00	0.00010
-13.00	-160.00	0.00010	-11.00	-160.00	0.00010
-9.00	-160.00	0.00010	9.00	-160.00	0.00010
11.00	-160.00	0.00010	13.00	-160.00	0.00010
15.00	-160.00	0.00010	17.00	-160.00	0.00010
20.00	-160.00	0.00011	25.00	-160.00	0.00011
30.00	-160.00	0.00011	40.00	-160.00	0.00011
50.00	-160.00	0.00012	60.00	-160.00	0.00012
70.00	-160.00	0.00013	80.00	-160.00	0.00013
90.00	-160.00	0.00014	100.00	-160.00	0.00014
-100.00	-150.00	0.00007	-90.00	-150.00	0.00007
-80.00	-150.00	0.00007	-70.00	-150.00	0.00008
-60.00	-150.00	0.00008	-50.00	-150.00	0.00008
-40.00	-150.00	0.00009	-30.00	-150.00	0.00009
-25.00	-150.00	0.00010	-20.00	-150.00	0.00010
-17.00	-150.00	0.00010	-15.00	-150.00	0.00010
-13.00	-150.00	0.00010	-11.00	-150.00	0.00010
-9.00	-150.00	0.00010	9.00	-150.00	0.00011
11.00	-150.00	0.00011	13.00	-150.00	0.00011
15.00	-150.00	0.00011	17.00	-150.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15  
\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00011	25.00	-150.00	0.00011
30.00	-150.00	0.00012	40.00	-150.00	0.00012
50.00	-150.00	0.00012	60.00	-150.00	0.00013
70.00	-150.00	0.00013	80.00	-150.00	0.00014
90.00	-150.00	0.00015	100.00	-150.00	0.00015
-100.00	-140.00	0.00007	-90.00	-140.00	0.00007
-80.00	-140.00	0.00008	-70.00	-140.00	0.00008
-60.00	-140.00	0.00008	-50.00	-140.00	0.00009
-40.00	-140.00	0.00009	-30.00	-140.00	0.00010
-25.00	-140.00	0.00010	-20.00	-140.00	0.00010
-17.00	-140.00	0.00011	-15.00	-140.00	0.00011
-13.00	-140.00	0.00011	-11.00	-140.00	0.00011
-9.00	-140.00	0.00011	9.00	-140.00	0.00011
11.00	-140.00	0.00012	13.00	-140.00	0.00012
15.00	-140.00	0.00012	17.00	-140.00	0.00012
20.00	-140.00	0.00012	25.00	-140.00	0.00012
30.00	-140.00	0.00012	40.00	-140.00	0.00013
50.00	-140.00	0.00013	60.00	-140.00	0.00014
70.00	-140.00	0.00014	80.00	-140.00	0.00015
90.00	-140.00	0.00016	100.00	-140.00	0.00016
-100.00	-130.00	0.00007	-90.00	-130.00	0.00008
-80.00	-130.00	0.00008	-70.00	-130.00	0.00008
-60.00	-130.00	0.00009	-50.00	-130.00	0.00009
-40.00	-130.00	0.00010	-30.00	-130.00	0.00010
-25.00	-130.00	0.00011	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00011	-11.00	-130.00	0.00011
-9.00	-130.00	0.00012	9.00	-130.00	0.00012
11.00	-130.00	0.00012	13.00	-130.00	0.00012
15.00	-130.00	0.00012	17.00	-130.00	0.00012
20.00	-130.00	0.00013	25.00	-130.00	0.00013
30.00	-130.00	0.00013	40.00	-130.00	0.00014
50.00	-130.00	0.00014	60.00	-130.00	0.00015
70.00	-130.00	0.00015	80.00	-130.00	0.00016
90.00	-130.00	0.00017	100.00	-130.00	0.00017
-100.00	-120.00	0.00008	-90.00	-120.00	0.00008
-80.00	-120.00	0.00008	-70.00	-120.00	0.00009

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00009	-50.00	-120.00	0.00010
-40.00	-120.00	0.00010	-30.00	-120.00	0.00011
-25.00	-120.00	0.00011	-20.00	-120.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 28

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00012	-15.00	-120.00	0.00012
-13.00	-120.00	0.00012	-11.00	-120.00	0.00012
-9.00	-120.00	0.00012	9.00	-120.00	0.00013
11.00	-120.00	0.00013	13.00	-120.00	0.00013
15.00	-120.00	0.00013	17.00	-120.00	0.00013
20.00	-120.00	0.00013	25.00	-120.00	0.00014
30.00	-120.00	0.00014	40.00	-120.00	0.00014
50.00	-120.00	0.00015	60.00	-120.00	0.00016
70.00	-120.00	0.00016	80.00	-120.00	0.00017
90.00	-120.00	0.00018	100.00	-120.00	0.00019
-100.00	-110.00	0.00008	-90.00	-110.00	0.00008
-80.00	-110.00	0.00009	-70.00	-110.00	0.00009
-60.00	-110.00	0.00010	-50.00	-110.00	0.00010
-40.00	-110.00	0.00011	-30.00	-110.00	0.00012
-25.00	-110.00	0.00012	-20.00	-110.00	0.00012
-17.00	-110.00	0.00013	-15.00	-110.00	0.00013
-13.00	-110.00	0.00013	-11.00	-110.00	0.00013
-9.00	-110.00	0.00013	9.00	-110.00	0.00014
11.00	-110.00	0.00014	13.00	-110.00	0.00014
15.00	-110.00	0.00014	17.00	-110.00	0.00014
20.00	-110.00	0.00014	25.00	-110.00	0.00015
30.00	-110.00	0.00015	40.00	-110.00	0.00015
50.00	-110.00	0.00016	60.00	-110.00	0.00017
70.00	-110.00	0.00018	80.00	-110.00	0.00019
90.00	-110.00	0.00019	100.00	-110.00	0.00020
-100.00	-100.00	0.00008	-90.00	-100.00	0.00009
-80.00	-100.00	0.00009	-70.00	-100.00	0.00010
-60.00	-100.00	0.00010	-50.00	-100.00	0.00011
-40.00	-100.00	0.00012	-30.00	-100.00	0.00012
-25.00	-100.00	0.00013	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00013

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-100.00	0.00014	-11.00	-100.00	0.00014
-9.00	-100.00	0.00014	9.00	-100.00	0.00015
11.00	-100.00	0.00015	13.00	-100.00	0.00015
15.00	-100.00	0.00015	17.00	-100.00	0.00015
20.00	-100.00	0.00015	25.00	-100.00	0.00016
30.00	-100.00	0.00016	40.00	-100.00	0.00017
50.00	-100.00	0.00017	60.00	-100.00	0.00018
70.00	-100.00	0.00019	80.00	-100.00	0.00020
90.00	-100.00	0.00021	100.00	-100.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00009	-90.00	-90.00	0.00009
-80.00	-90.00	0.00010	-70.00	-90.00	0.00010
-60.00	-90.00	0.00011	-50.00	-90.00	0.00011
-40.00	-90.00	0.00012	-30.00	-90.00	0.00013
-25.00	-90.00	0.00014	-20.00	-90.00	0.00014
-17.00	-90.00	0.00014	-15.00	-90.00	0.00014
-13.00	-90.00	0.00014	-11.00	-90.00	0.00015
-9.00	-90.00	0.00015	9.00	-90.00	0.00016
11.00	-90.00	0.00016	13.00	-90.00	0.00016
15.00	-90.00	0.00016	17.00	-90.00	0.00016
20.00	-90.00	0.00016	25.00	-90.00	0.00017
30.00	-90.00	0.00017	40.00	-90.00	0.00018
50.00	-90.00	0.00019	60.00	-90.00	0.00020
70.00	-90.00	0.00021	80.00	-90.00	0.00022
90.00	-90.00	0.00023	100.00	-90.00	0.00024
-100.00	-80.00	0.00009	-90.00	-80.00	0.00010
-80.00	-80.00	0.00010	-70.00	-80.00	0.00011
-60.00	-80.00	0.00011	-50.00	-80.00	0.00012
-40.00	-80.00	0.00013	-30.00	-80.00	0.00014
-25.00	-80.00	0.00014	-20.00	-80.00	0.00015
-17.00	-80.00	0.00015	-15.00	-80.00	0.00015
-13.00	-80.00	0.00015	-11.00	-80.00	0.00016
-9.00	-80.00	0.00016	9.00	-80.00	0.00017
11.00	-80.00	0.00017	13.00	-80.00	0.00017
15.00	-80.00	0.00017	17.00	-80.00	0.00017

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00018	25.00	-80.00	0.00018
30.00	-80.00	0.00018	40.00	-80.00	0.00019
50.00	-80.00	0.00020	60.00	-80.00	0.00021
70.00	-80.00	0.00023	80.00	-80.00	0.00024
90.00	-80.00	0.00025	100.00	-80.00	0.00026
-100.00	-70.00	0.00010	-90.00	-70.00	0.00010
-80.00	-70.00	0.00011	-70.00	-70.00	0.00011
-60.00	-70.00	0.00012	-50.00	-70.00	0.00013
-40.00	-70.00	0.00014	-30.00	-70.00	0.00015
-25.00	-70.00	0.00015	-20.00	-70.00	0.00016
-17.00	-70.00	0.00016	-15.00	-70.00	0.00016
-13.00	-70.00	0.00017	-11.00	-70.00	0.00017
-9.00	-70.00	0.00017	9.00	-70.00	0.00018
11.00	-70.00	0.00018	13.00	-70.00	0.00018
15.00	-70.00	0.00019	17.00	-70.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 30  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00019	25.00	-70.00	0.00019
30.00	-70.00	0.00020	40.00	-70.00	0.00021
50.00	-70.00	0.00022	60.00	-70.00	0.00023
70.00	-70.00	0.00025	80.00	-70.00	0.00026
90.00	-70.00	0.00027	100.00	-70.00	0.00028
-100.00	-60.00	0.00010	-90.00	-60.00	0.00011
-80.00	-60.00	0.00011	-70.00	-60.00	0.00012
-60.00	-60.00	0.00013	-50.00	-60.00	0.00014
-40.00	-60.00	0.00015	-30.00	-60.00	0.00016
-25.00	-60.00	0.00016	-20.00	-60.00	0.00017
-17.00	-60.00	0.00017	-15.00	-60.00	0.00018
-13.00	-60.00	0.00018	-11.00	-60.00	0.00018
-9.00	-60.00	0.00018	9.00	-60.00	0.00020
11.00	-60.00	0.00020	13.00	-60.00	0.00020
15.00	-60.00	0.00020	17.00	-60.00	0.00020
20.00	-60.00	0.00021	25.00	-60.00	0.00021
30.00	-60.00	0.00022	40.00	-60.00	0.00023
50.00	-60.00	0.00024	60.00	-60.00	0.00026
70.00	-60.00	0.00027	80.00	-60.00	0.00028

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00030	100.00	-60.00	0.00031
-100.00	-50.00	0.00011	-90.00	-50.00	0.00011
-80.00	-50.00	0.00012	-70.00	-50.00	0.00013
-60.00	-50.00	0.00014	-50.00	-50.00	0.00014
-40.00	-50.00	0.00016	-30.00	-50.00	0.00017
-25.00	-50.00	0.00018	-20.00	-50.00	0.00018
-17.00	-50.00	0.00019	-15.00	-50.00	0.00019
-13.00	-50.00	0.00019	-11.00	-50.00	0.00019
-9.00	-50.00	0.00020	9.00	-50.00	0.00021
11.00	-50.00	0.00021	13.00	-50.00	0.00022
15.00	-50.00	0.00022	17.00	-50.00	0.00022
20.00	-50.00	0.00022	25.00	-50.00	0.00023
30.00	-50.00	0.00024	40.00	-50.00	0.00025
50.00	-50.00	0.00027	60.00	-50.00	0.00028
70.00	-50.00	0.00030	80.00	-50.00	0.00031
90.00	-50.00	0.00033	100.00	-50.00	0.00034
-100.00	-40.00	0.00011	-90.00	-40.00	0.00012
-80.00	-40.00	0.00013	-70.00	-40.00	0.00014
-60.00	-40.00	0.00014	-50.00	-40.00	0.00015
-40.00	-40.00	0.00017	-30.00	-40.00	0.00018
-25.00	-40.00	0.00019	-20.00	-40.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00020	-15.00	-40.00	0.00020
-13.00	-40.00	0.00021	-11.00	-40.00	0.00021
-9.00	-40.00	0.00021	9.00	-40.00	0.00023
11.00	-40.00	0.00023	13.00	-40.00	0.00024
15.00	-40.00	0.00024	17.00	-40.00	0.00024
20.00	-40.00	0.00024	25.00	-40.00	0.00025
30.00	-40.00	0.00026	40.00	-40.00	0.00027
50.00	-40.00	0.00029	60.00	-40.00	0.00031
70.00	-40.00	0.00033	80.00	-40.00	0.00035
90.00	-40.00	0.00036	100.00	-40.00	0.00037
-100.00	-30.00	0.00012	-90.00	-30.00	0.00013
-80.00	-30.00	0.00014	-70.00	-30.00	0.00014
-60.00	-30.00	0.00015	-50.00	-30.00	0.00016

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00018	-30.00	-30.00	0.00019
-25.00	-30.00	0.00020	-20.00	-30.00	0.00021
-17.00	-30.00	0.00022	-15.00	-30.00	0.00022
-13.00	-30.00	0.00022	-11.00	-30.00	0.00023
-9.00	-30.00	0.00023	9.00	-30.00	0.00025
11.00	-30.00	0.00026	13.00	-30.00	0.00026
15.00	-30.00	0.00026	17.00	-30.00	0.00026
20.00	-30.00	0.00027	25.00	-30.00	0.00028
30.00	-30.00	0.00028	40.00	-30.00	0.00030
50.00	-30.00	0.00032	60.00	-30.00	0.00034
70.00	-30.00	0.00036	80.00	-30.00	0.00038
90.00	-30.00	0.00040	100.00	-30.00	0.00041
-100.00	-20.00	0.00013	-90.00	-20.00	0.00014
-80.00	-20.00	0.00014	-70.00	-20.00	0.00015
-60.00	-20.00	0.00016	-50.00	-20.00	0.00018
-40.00	-20.00	0.00019	-30.00	-20.00	0.00021
-25.00	-20.00	0.00022	-20.00	-20.00	0.00023
-17.00	-20.00	0.00024	-15.00	-20.00	0.00024
-13.00	-20.00	0.00024	-11.00	-20.00	0.00025
-9.00	-20.00	0.00025	9.00	-20.00	0.00028
11.00	-20.00	0.00028	13.00	-20.00	0.00028
15.00	-20.00	0.00029	17.00	-20.00	0.00029
20.00	-20.00	0.00029	25.00	-20.00	0.00030
30.00	-20.00	0.00031	40.00	-20.00	0.00034
50.00	-20.00	0.00036	60.00	-20.00	0.00038
70.00	-20.00	0.00041	80.00	-20.00	0.00043
90.00	-20.00	0.00044	100.00	-20.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 32

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00014	-90.00	-10.00	0.00014
-80.00	-10.00	0.00015	-70.00	-10.00	0.00016
-60.00	-10.00	0.00018	-50.00	-10.00	0.00019
-40.00	-10.00	0.00021	-30.00	-10.00	0.00023
-25.00	-10.00	0.00024	-20.00	-10.00	0.00025
-17.00	-10.00	0.00026	-15.00	-10.00	0.00026
-13.00	-10.00	0.00027	-11.00	-10.00	0.00027



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00028	9.00	-10.00	0.00031
11.00	-10.00	0.00031	13.00	-10.00	0.00031
15.00	-10.00	0.00032	17.00	-10.00	0.00032
20.00	-10.00	0.00033	25.00	-10.00	0.00034
30.00	-10.00	0.00035	40.00	-10.00	0.00038
50.00	-10.00	0.00040	60.00	-10.00	0.00043
70.00	-10.00	0.00046	80.00	-10.00	0.00048
90.00	-10.00	0.00050	100.00	-10.00	0.00051
-100.00	0.00	0.00015	-90.00	0.00	0.00016
-80.00	0.00	0.00017	-70.00	0.00	0.00018
-60.00	0.00	0.00019	-50.00	0.00	0.00021
-40.00	0.00	0.00022	-30.00	0.00	0.00025
-25.00	0.00	0.00026	-20.00	0.00	0.00027
-17.00	0.00	0.00028	-15.00	0.00	0.00029
-13.00	0.00	0.00029	-11.00	0.00	0.00030
-9.00	0.00	0.00030	9.00	0.00	0.00034
11.00	0.00	0.00034	13.00	0.00	0.00035
15.00	0.00	0.00035	17.00	0.00	0.00036
20.00	0.00	0.00036	25.00	0.00	0.00038
30.00	0.00	0.00039	40.00	0.00	0.00042
50.00	0.00	0.00046	60.00	0.00	0.00049
70.00	0.00	0.00052	80.00	0.00	0.00054
90.00	0.00	0.00056	100.00	0.00	0.00057
-100.00	10.00	0.00015	-90.00	10.00	0.00017
-80.00	10.00	0.00018	-70.00	10.00	0.00019
-60.00	10.00	0.00021	-50.00	10.00	0.00022
-40.00	10.00	0.00024	-30.00	10.00	0.00027
-25.00	10.00	0.00028	-20.00	10.00	0.00030
-17.00	10.00	0.00031	-15.00	10.00	0.00032
-13.00	10.00	0.00032	-11.00	10.00	0.00033
-9.00	10.00	0.00033	9.00	10.00	0.00038
11.00	10.00	0.00038	13.00	10.00	0.00039
15.00	10.00	0.00039	17.00	10.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00041	25.00	10.00	0.00042

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00044	40.00	10.00	0.00048
50.00	10.00	0.00052	60.00	10.00	0.00056
70.00	10.00	0.00059	80.00	10.00	0.00061
90.00	10.00	0.00063	100.00	10.00	0.00064
-100.00	20.00	0.00016	-90.00	20.00	0.00018
-80.00	20.00	0.00019	-70.00	20.00	0.00021
-60.00	20.00	0.00022	-50.00	20.00	0.00024
-40.00	20.00	0.00026	-30.00	20.00	0.00029
-25.00	20.00	0.00031	-20.00	20.00	0.00033
-17.00	20.00	0.00034	-15.00	20.00	0.00035
-13.00	20.00	0.00036	-11.00	20.00	0.00036
-9.00	20.00	0.00037	9.00	20.00	0.00042
11.00	20.00	0.00043	13.00	20.00	0.00044
15.00	20.00	0.00044	17.00	20.00	0.00045
20.00	20.00	0.00046	25.00	20.00	0.00048
30.00	20.00	0.00050	40.00	20.00	0.00055
50.00	20.00	0.00060	60.00	20.00	0.00064
70.00	20.00	0.00067	80.00	20.00	0.00070
90.00	20.00	0.00071	100.00	20.00	0.00072
-100.00	30.00	0.00017	-90.00	30.00	0.00019
-80.00	30.00	0.00021	-70.00	30.00	0.00022
-60.00	30.00	0.00024	-50.00	30.00	0.00026
-40.00	30.00	0.00029	-30.00	30.00	0.00032
-25.00	30.00	0.00034	-20.00	30.00	0.00036
-17.00	30.00	0.00038	-15.00	30.00	0.00039
-13.00	30.00	0.00040	-11.00	30.00	0.00041
-9.00	30.00	0.00041	9.00	30.00	0.00048
11.00	30.00	0.00049	13.00	30.00	0.00049
15.00	30.00	0.00050	17.00	30.00	0.00051
20.00	30.00	0.00053	25.00	30.00	0.00055
30.00	30.00	0.00058	40.00	30.00	0.00064
50.00	30.00	0.00069	60.00	30.00	0.00074
70.00	30.00	0.00078	80.00	30.00	0.00080
90.00	30.00	0.00081	100.00	30.00	0.00082
-100.00	40.00	0.00017	-90.00	40.00	0.00020
-80.00	40.00	0.00022	-70.00	40.00	0.00024
-60.00	40.00	0.00026	-50.00	40.00	0.00029
-40.00	40.00	0.00032	-30.00	40.00	0.00036
-25.00	40.00	0.00038	-20.00	40.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00042	-15.00	40.00	0.00043
-13.00	40.00	0.00044	-11.00	40.00	0.00045
-9.00	40.00	0.00047	9.00	40.00	0.00055
11.00	40.00	0.00056	13.00	40.00	0.00057
15.00	40.00	0.00058	17.00	40.00	0.00059
20.00	40.00	0.00061	25.00	40.00	0.00064
30.00	40.00	0.00067	40.00	40.00	0.00075
50.00	40.00	0.00081	60.00	40.00	0.00087
70.00	40.00	0.00090	80.00	40.00	0.00092
90.00	40.00	0.00093	100.00	40.00	0.00094
-100.00	50.00	0.00018	-90.00	50.00	0.00020
-80.00	50.00	0.00023	-70.00	50.00	0.00026
-60.00	50.00	0.00029	-50.00	50.00	0.00032
-40.00	50.00	0.00035	-30.00	50.00	0.00039
-25.00	50.00	0.00042	-20.00	50.00	0.00045
-17.00	50.00	0.00047	-15.00	50.00	0.00048
-13.00	50.00	0.00050	-11.00	50.00	0.00051
-9.00	50.00	0.00053	9.00	50.00	0.00063
11.00	50.00	0.00064	13.00	50.00	0.00065
15.00	50.00	0.00067	17.00	50.00	0.00068
20.00	50.00	0.00071	25.00	50.00	0.00075
30.00	50.00	0.00080	40.00	50.00	0.00089
50.00	50.00	0.00096	60.00	50.00	0.00102
70.00	50.00	0.00105	80.00	50.00	0.00107
90.00	50.00	0.00108	100.00	50.00	0.00107
-100.00	60.00	0.00018	-90.00	60.00	0.00021
-80.00	60.00	0.00024	-70.00	60.00	0.00028
-60.00	60.00	0.00032	-50.00	60.00	0.00035
-40.00	60.00	0.00039	-30.00	60.00	0.00044
-25.00	60.00	0.00047	-20.00	60.00	0.00050
-17.00	60.00	0.00053	-15.00	60.00	0.00054
-13.00	60.00	0.00056	-11.00	60.00	0.00058
-9.00	60.00	0.00060	9.00	60.00	0.00073
11.00	60.00	0.00075	13.00	60.00	0.00077
15.00	60.00	0.00079	17.00	60.00	0.00081
20.00	60.00	0.00084	25.00	60.00	0.00090
30.00	60.00	0.00095	40.00	60.00	0.00107
50.00	60.00	0.00115	60.00	60.00	0.00121
70.00	60.00	0.00125	80.00	60.00	0.00126

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00 60.00 0.00125 100.00 60.00 0.00122

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00022
-80.00	70.00	0.00025	-70.00	70.00	0.00029
-60.00	70.00	0.00034	-50.00	70.00	0.00039
-40.00	70.00	0.00043	-30.00	70.00	0.00049
-25.00	70.00	0.00053	-20.00	70.00	0.00057
-17.00	70.00	0.00060	-15.00	70.00	0.00062
-13.00	70.00	0.00064	-11.00	70.00	0.00066
-9.00	70.00	0.00068	9.00	70.00	0.00086
11.00	70.00	0.00088	13.00	70.00	0.00091
15.00	70.00	0.00094	17.00	70.00	0.00096
20.00	70.00	0.00101	25.00	70.00	0.00109
30.00	70.00	0.00117	40.00	70.00	0.00130
50.00	70.00	0.00140	60.00	70.00	0.00146
70.00	70.00	0.00149	80.00	70.00	0.00148
90.00	70.00	0.00144	100.00	70.00	0.00138
-100.00	80.00	0.00019	-90.00	80.00	0.00022
-80.00	80.00	0.00026	-70.00	80.00	0.00030
-60.00	80.00	0.00036	-50.00	80.00	0.00042
-40.00	80.00	0.00049	-30.00	80.00	0.00055
-25.00	80.00	0.00059	-20.00	80.00	0.00064
-17.00	80.00	0.00068	-15.00	80.00	0.00070
-13.00	80.00	0.00073	-11.00	80.00	0.00076
-9.00	80.00	0.00079	9.00	80.00	0.00103
11.00	80.00	0.00106	13.00	80.00	0.00110
15.00	80.00	0.00114	17.00	80.00	0.00118
20.00	80.00	0.00124	25.00	80.00	0.00135
30.00	80.00	0.00145	40.00	80.00	0.00162
50.00	80.00	0.00173	60.00	80.00	0.00178
70.00	80.00	0.00178	80.00	80.00	0.00173
90.00	80.00	0.00165	100.00	80.00	0.00155
-100.00	90.00	0.00020	-90.00	90.00	0.00023
-80.00	90.00	0.00027	-70.00	90.00	0.00032
-60.00	90.00	0.00038	-50.00	90.00	0.00045

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00054	-30.00	90.00	0.00062
-25.00	90.00	0.00067	-20.00	90.00	0.00073
-17.00	90.00	0.00077	-15.00	90.00	0.00080
-13.00	90.00	0.00083	-11.00	90.00	0.00087
-9.00	90.00	0.00091	9.00	90.00	0.00125
11.00	90.00	0.00130	13.00	90.00	0.00136
15.00	90.00	0.00142	17.00	90.00	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00157	25.00	90.00	0.00172
30.00	90.00	0.00185	40.00	90.00	0.00205
50.00	90.00	0.00216	60.00	90.00	0.00217
70.00	90.00	0.00211	80.00	90.00	0.00199
90.00	90.00	0.00185	100.00	90.00	0.00170
-100.00	100.00	0.00021	-90.00	100.00	0.00024
-80.00	100.00	0.00029	-70.00	100.00	0.00034
-60.00	100.00	0.00040	-50.00	100.00	0.00047
-40.00	100.00	0.00058	-30.00	100.00	0.00070
-25.00	100.00	0.00076	-20.00	100.00	0.00083
-17.00	100.00	0.00087	-15.00	100.00	0.00091
-13.00	100.00	0.00095	-11.00	100.00	0.00100
-9.00	100.00	0.00105	9.00	100.00	0.00156
11.00	100.00	0.00164	13.00	100.00	0.00173
15.00	100.00	0.00182	17.00	100.00	0.00192
20.00	100.00	0.00205	25.00	100.00	0.00226
30.00	100.00	0.00243	40.00	100.00	0.00266
50.00	100.00	0.00271	60.00	100.00	0.00261
70.00	100.00	0.00244	80.00	100.00	0.00224
90.00	100.00	0.00203	100.00	100.00	0.00182
-100.00	110.00	0.00022	-90.00	110.00	0.00026
-80.00	110.00	0.00030	-70.00	110.00	0.00036
-60.00	110.00	0.00042	-50.00	110.00	0.00051
-40.00	110.00	0.00061	-30.00	110.00	0.00076
-25.00	110.00	0.00084	-20.00	110.00	0.00094
-17.00	110.00	0.00100	-15.00	110.00	0.00104
-13.00	110.00	0.00109	-11.00	110.00	0.00114

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00120	9.00	110.00	0.00202
11.00	110.00	0.00217	13.00	110.00	0.00231
15.00	110.00	0.00246	17.00	110.00	0.00261
20.00	110.00	0.00281	25.00	110.00	0.00310
30.00	110.00	0.00330	40.00	110.00	0.00344
50.00	110.00	0.00331	60.00	110.00	0.00305
70.00	110.00	0.00274	80.00	110.00	0.00244
90.00	110.00	0.00216	100.00	110.00	0.00191
-100.00	120.00	0.00024	-90.00	120.00	0.00028
-80.00	120.00	0.00032	-70.00	120.00	0.00038
-60.00	120.00	0.00045	-50.00	120.00	0.00054
-40.00	120.00	0.00066	-30.00	120.00	0.00081
-25.00	120.00	0.00091	-20.00	120.00	0.00102

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00111	-15.00	120.00	0.00117
-13.00	120.00	0.00124	-11.00	120.00	0.00131
-9.00	120.00	0.00139	9.00	120.00	0.00285
11.00	120.00	0.00311	13.00	120.00	0.00337
15.00	120.00	0.00361	17.00	120.00	0.00382
20.00	120.00	0.00409	25.00	120.00	0.00435
30.00	120.00	0.00443	40.00	120.00	0.00424
50.00	120.00	0.00384	60.00	120.00	0.00340
70.00	120.00	0.00297	80.00	120.00	0.00259
90.00	120.00	0.00224	100.00	120.00	0.00195
-100.00	130.00	0.00027	-90.00	130.00	0.00031
-80.00	130.00	0.00036	-70.00	130.00	0.00042
-60.00	130.00	0.00050	-50.00	130.00	0.00060
-40.00	130.00	0.00073	-30.00	130.00	0.00088
-25.00	130.00	0.00099	-20.00	130.00	0.00111
-17.00	130.00	0.00120	-15.00	130.00	0.00127
-13.00	130.00	0.00136	-11.00	130.00	0.00146
-9.00	130.00	0.00158	9.00	130.00	0.00483
11.00	130.00	0.00515	13.00	130.00	0.00538
15.00	130.00	0.00553	17.00	130.00	0.00563
20.00	130.00	0.00569	25.00	130.00	0.00562

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00543	40.00	130.00	0.00485
50.00	130.00	0.00422	60.00	130.00	0.00362
70.00	130.00	0.00310	80.00	130.00	0.00265
90.00	130.00	0.00226	100.00	130.00	0.00193
-100.00	140.00	0.00031	-90.00	140.00	0.00035
-80.00	140.00	0.00041	-70.00	140.00	0.00048
-60.00	140.00	0.00058	-50.00	140.00	0.00070
-40.00	140.00	0.00086	-30.00	140.00	0.00107
-25.00	140.00	0.00120	-20.00	140.00	0.00136
-17.00	140.00	0.00148	-15.00	140.00	0.00158
-13.00	140.00	0.00170	-11.00	140.00	0.00185
-9.00	140.00	0.00206	9.00	140.00	0.00646
11.00	140.00	0.00653	13.00	140.00	0.00657
15.00	140.00	0.00659	17.00	140.00	0.00658
20.00	140.00	0.00650	25.00	140.00	0.00625
30.00	140.00	0.00591	40.00	140.00	0.00513
50.00	140.00	0.00437	60.00	140.00	0.00369
70.00	140.00	0.00310	80.00	140.00	0.00261
90.00	140.00	0.00219	100.00	140.00	0.00185

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00036	-90.00	150.00	0.00041
-80.00	150.00	0.00048	-70.00	150.00	0.00056
-60.00	150.00	0.00068	-50.00	150.00	0.00084
-40.00	150.00	0.00105	-30.00	150.00	0.00134
-25.00	150.00	0.00152	-20.00	150.00	0.00176
-17.00	150.00	0.00192	-15.00	150.00	0.00206
-13.00	150.00	0.00221	-11.00	150.00	0.00239
-9.00	150.00	0.00260	9.00	150.00	0.00661
11.00	150.00	0.00666	13.00	150.00	0.00670
15.00	150.00	0.00671	17.00	150.00	0.00670
20.00	150.00	0.00661	25.00	150.00	0.00634
30.00	150.00	0.00597	40.00	150.00	0.00513
50.00	150.00	0.00432	60.00	150.00	0.00360
70.00	150.00	0.00298	80.00	150.00	0.00248
90.00	150.00	0.00206	100.00	150.00	0.00172

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00041	-90.00	160.00	0.00047
-80.00	160.00	0.00055	-70.00	160.00	0.00066
-60.00	160.00	0.00079	-50.00	160.00	0.00098
-40.00	160.00	0.00124	-30.00	160.00	0.00159
-25.00	160.00	0.00180	-20.00	160.00	0.00206
-17.00	160.00	0.00223	-15.00	160.00	0.00236
-13.00	160.00	0.00250	-11.00	160.00	0.00265
-9.00	160.00	0.00283	9.00	160.00	0.00661
11.00	160.00	0.00665	13.00	160.00	0.00668
15.00	160.00	0.00668	17.00	160.00	0.00664
20.00	160.00	0.00653	25.00	160.00	0.00623
30.00	160.00	0.00584	40.00	160.00	0.00496
50.00	160.00	0.00412	60.00	160.00	0.00338
70.00	160.00	0.00276	80.00	160.00	0.00226
90.00	160.00	0.00186	100.00	160.00	0.00154
-100.00	170.00	0.00045	-90.00	170.00	0.00053
-80.00	170.00	0.00063	-70.00	170.00	0.00075
-60.00	170.00	0.00091	-50.00	170.00	0.00111
-40.00	170.00	0.00139	-30.00	170.00	0.00176
-25.00	170.00	0.00198	-20.00	170.00	0.00222
-17.00	170.00	0.00238	-15.00	170.00	0.00249
-13.00	170.00	0.00260	-11.00	170.00	0.00272
-9.00	170.00	0.00287	9.00	170.00	0.00650
11.00	170.00	0.00653	13.00	170.00	0.00655
15.00	170.00	0.00653	17.00	170.00	0.00648

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00635	25.00	170.00	0.00601
30.00	170.00	0.00558	40.00	170.00	0.00466
50.00	170.00	0.00379	60.00	170.00	0.00306
70.00	170.00	0.00246	80.00	170.00	0.00199
90.00	170.00	0.00162	100.00	170.00	0.00134
-100.00	180.00	0.00050	-90.00	180.00	0.00059
-80.00	180.00	0.00069	-70.00	180.00	0.00083
-60.00	180.00	0.00100	-50.00	180.00	0.00122
-40.00	180.00	0.00149	-30.00	180.00	0.00185



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00206	-20.00	180.00	0.00228
-17.00	180.00	0.00241	-15.00	180.00	0.00250
-13.00	180.00	0.00259	-11.00	180.00	0.00270
-9.00	180.00	0.00283	9.00	180.00	0.00630
11.00	180.00	0.00631	13.00	180.00	0.00631
15.00	180.00	0.00627	17.00	180.00	0.00620
20.00	180.00	0.00603	25.00	180.00	0.00565
30.00	180.00	0.00518	40.00	180.00	0.00420
50.00	180.00	0.00333	60.00	180.00	0.00262
70.00	180.00	0.00208	80.00	180.00	0.00167
90.00	180.00	0.00136	100.00	180.00	0.00113
-100.00	190.00	0.00054	-90.00	190.00	0.00063
-80.00	190.00	0.00075	-70.00	190.00	0.00089
-60.00	190.00	0.00107	-50.00	190.00	0.00129
-40.00	190.00	0.00156	-30.00	190.00	0.00188
-25.00	190.00	0.00206	-20.00	190.00	0.00225
-17.00	190.00	0.00236	-15.00	190.00	0.00244
-13.00	190.00	0.00252	-11.00	190.00	0.00261
-9.00	190.00	0.00272	9.00	190.00	0.00599
11.00	190.00	0.00597	13.00	190.00	0.00593
15.00	190.00	0.00585	17.00	190.00	0.00575
20.00	190.00	0.00554	25.00	190.00	0.00508
30.00	190.00	0.00457	40.00	190.00	0.00356
50.00	190.00	0.00273	60.00	190.00	0.00211
70.00	190.00	0.00167	80.00	190.00	0.00135
90.00	190.00	0.00111	100.00	190.00	0.00092
-100.00	200.00	0.00057	-90.00	200.00	0.00067
-80.00	200.00	0.00079	-70.00	200.00	0.00093
-60.00	200.00	0.00111	-50.00	200.00	0.00133
-40.00	200.00	0.00159	-30.00	200.00	0.00188
-25.00	200.00	0.00202	-20.00	200.00	0.00217

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00226	-15.00	200.00	0.00232
-13.00	200.00	0.00239	-11.00	200.00	0.00246
-9.00	200.00	0.00256	9.00	200.00	0.00550

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00541	13.00	200.00	0.00531
15.00	200.00	0.00518	17.00	200.00	0.00502
20.00	200.00	0.00474	25.00	200.00	0.00420
30.00	200.00	0.00365	40.00	200.00	0.00271
50.00	200.00	0.00205	60.00	200.00	0.00159
70.00	200.00	0.00127	80.00	200.00	0.00104
90.00	200.00	0.00087	100.00	200.00	0.00073
-100.00	210.00	0.00060	-90.00	210.00	0.00069
-80.00	210.00	0.00081	-70.00	210.00	0.00095
-60.00	210.00	0.00113	-50.00	210.00	0.00134
-40.00	210.00	0.00159	-30.00	210.00	0.00184
-25.00	210.00	0.00197	-20.00	210.00	0.00208
-17.00	210.00	0.00214	-15.00	210.00	0.00218
-13.00	210.00	0.00223	-11.00	210.00	0.00228
-9.00	210.00	0.00235	9.00	210.00	0.00463
11.00	210.00	0.00442	13.00	210.00	0.00420
15.00	210.00	0.00398	17.00	210.00	0.00375
20.00	210.00	0.00340	25.00	210.00	0.00288
30.00	210.00	0.00244	40.00	210.00	0.00182
50.00	210.00	0.00141	60.00	210.00	0.00112
70.00	210.00	0.00092	80.00	210.00	0.00077
90.00	210.00	0.00066	100.00	210.00	0.00057
-100.00	220.00	0.00060	-90.00	220.00	0.00069
-80.00	220.00	0.00081	-70.00	220.00	0.00094
-60.00	220.00	0.00111	-50.00	220.00	0.00131
-40.00	220.00	0.00153	-30.00	220.00	0.00176
-25.00	220.00	0.00187	-20.00	220.00	0.00197
-17.00	220.00	0.00202	-15.00	220.00	0.00205
-13.00	220.00	0.00207	-11.00	220.00	0.00210
-9.00	220.00	0.00213	9.00	220.00	0.00259
11.00	220.00	0.00231	13.00	220.00	0.00212
15.00	220.00	0.00198	17.00	220.00	0.00186
20.00	220.00	0.00171	25.00	220.00	0.00151
30.00	220.00	0.00134	40.00	220.00	0.00108
50.00	220.00	0.00089	60.00	220.00	0.00075
70.00	220.00	0.00064	80.00	220.00	0.00055
90.00	220.00	0.00048	100.00	220.00	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00059	-90.00	230.00	0.00067	
-80.00	230.00	0.00078	-70.00	230.00	0.00090	
-60.00	230.00	0.00105	-50.00	230.00	0.00121	
-40.00	230.00	0.00139	-30.00	230.00	0.00156	
-25.00	230.00	0.00163	-20.00	230.00	0.00168	
-17.00	230.00	0.00169	-15.00	230.00	0.00169	
-13.00	230.00	0.00167	-11.00	230.00	0.00164	
-9.00	230.00	0.00158	9.00	230.00	0.00085	
11.00	230.00	0.00084	13.00	230.00	0.00083	
15.00	230.00	0.00082	17.00	230.00	0.00081	
20.00	230.00	0.00079	25.00	230.00	0.00075	
30.00	230.00	0.00071	40.00	230.00	0.00063	
50.00	230.00	0.00056	60.00	230.00	0.00050	
70.00	230.00	0.00044	80.00	230.00	0.00040	
90.00	230.00	0.00036	100.00	230.00	0.00032	
-100.00	240.00	0.00056	-90.00	240.00	0.00064	
-80.00	240.00	0.00073	-70.00	240.00	0.00083	
-60.00	240.00	0.00094	-50.00	240.00	0.00106	
-40.00	240.00	0.00117	-30.00	240.00	0.00125	
-25.00	240.00	0.00126	-20.00	240.00	0.00123	
-17.00	240.00	0.00119	-15.00	240.00	0.00115	
-13.00	240.00	0.00109	-11.00	240.00	0.00103	
-9.00	240.00	0.00095	9.00	240.00	0.00058	
11.00	240.00	0.00057	13.00	240.00	0.00056	
15.00	240.00	0.00055	17.00	240.00	0.00054	
20.00	240.00	0.00052	25.00	240.00	0.00049	
30.00	240.00	0.00047	40.00	240.00	0.00043	
50.00	240.00	0.00039	60.00	240.00	0.00036	
70.00	240.00	0.00032	80.00	240.00	0.00030	
90.00	240.00	0.00027	100.00	240.00	0.00025	
-100.00	250.00	0.00053	-90.00	250.00	0.00059	
-80.00	250.00	0.00066	-70.00	250.00	0.00074	
-60.00	250.00	0.00082	-50.00	250.00	0.00089	
-40.00	250.00	0.00094	-30.00	250.00	0.00094	
-25.00	250.00	0.00091	-20.00	250.00	0.00085	
-17.00	250.00	0.00080	-15.00	250.00	0.00076	
-13.00	250.00	0.00071	-11.00	250.00	0.00067	
-9.00	250.00	0.00062	9.00	250.00	0.00042	
11.00	250.00	0.00042	13.00	250.00	0.00041	
15.00	250.00	0.00041	17.00	250.00	0.00040	

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00039	25.00	250.00	0.00038
30.00	250.00	0.00036	40.00	250.00	0.00032
50.00	250.00	0.00029	60.00	250.00	0.00027
70.00	250.00	0.00025	80.00	250.00	0.00023
90.00	250.00	0.00021	100.00	250.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00007
-80.00	-250.00	0.00007	-70.00	-250.00	0.00007
-60.00	-250.00	0.00008	-50.00	-250.00	0.00008
-40.00	-250.00	0.00008	-30.00	-250.00	0.00009
-25.00	-250.00	0.00009	-20.00	-250.00	0.00009
-17.00	-250.00	0.00009	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00010
11.00	-250.00	0.00010	13.00	-250.00	0.00010
15.00	-250.00	0.00010	17.00	-250.00	0.00010
20.00	-250.00	0.00011	25.00	-250.00	0.00011
30.00	-250.00	0.00011	40.00	-250.00	0.00011
50.00	-250.00	0.00012	60.00	-250.00	0.00012
70.00	-250.00	0.00013	80.00	-250.00	0.00013
90.00	-250.00	0.00014	100.00	-250.00	0.00014
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007
-80.00	-240.00	0.00007	-70.00	-240.00	0.00008
-60.00	-240.00	0.00008	-50.00	-240.00	0.00008
-40.00	-240.00	0.00009	-30.00	-240.00	0.00009
-25.00	-240.00	0.00010	-20.00	-240.00	0.00010

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00011
11.00	-240.00	0.00011	13.00	-240.00	0.00011
15.00	-240.00	0.00011	17.00	-240.00	0.00011
20.00	-240.00	0.00011	25.00	-240.00	0.00011
30.00	-240.00	0.00012	40.00	-240.00	0.00012
50.00	-240.00	0.00012	60.00	-240.00	0.00013
70.00	-240.00	0.00013	80.00	-240.00	0.00014
90.00	-240.00	0.00015	100.00	-240.00	0.00015
-100.00	-230.00	0.00007	-90.00	-230.00	0.00007
-80.00	-230.00	0.00008	-70.00	-230.00	0.00008
-60.00	-230.00	0.00008	-50.00	-230.00	0.00009
-40.00	-230.00	0.00009	-30.00	-230.00	0.00010
-25.00	-230.00	0.00010	-20.00	-230.00	0.00010
-17.00	-230.00	0.00011	-15.00	-230.00	0.00011
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00011	9.00	-230.00	0.00011
11.00	-230.00	0.00012	13.00	-230.00	0.00012
15.00	-230.00	0.00012	17.00	-230.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00012	25.00	-230.00	0.00012
30.00	-230.00	0.00012	40.00	-230.00	0.00013
50.00	-230.00	0.00013	60.00	-230.00	0.00014
70.00	-230.00	0.00014	80.00	-230.00	0.00015
90.00	-230.00	0.00016	100.00	-230.00	0.00016
-100.00	-220.00	0.00007	-90.00	-220.00	0.00008
-80.00	-220.00	0.00008	-70.00	-220.00	0.00008
-60.00	-220.00	0.00009	-50.00	-220.00	0.00009
-40.00	-220.00	0.00010	-30.00	-220.00	0.00010
-25.00	-220.00	0.00011	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00012	9.00	-220.00	0.00012
11.00	-220.00	0.00012	13.00	-220.00	0.00012

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00012	17.00	-220.00	0.00012
20.00	-220.00	0.00013	25.00	-220.00	0.00013
30.00	-220.00	0.00013	40.00	-220.00	0.00014
50.00	-220.00	0.00014	60.00	-220.00	0.00015
70.00	-220.00	0.00015	80.00	-220.00	0.00016
90.00	-220.00	0.00017	100.00	-220.00	0.00017
-100.00	-210.00	0.00008	-90.00	-210.00	0.00008
-80.00	-210.00	0.00008	-70.00	-210.00	0.00009
-60.00	-210.00	0.00009	-50.00	-210.00	0.00010
-40.00	-210.00	0.00010	-30.00	-210.00	0.00011
-25.00	-210.00	0.00011	-20.00	-210.00	0.00012
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00012	9.00	-210.00	0.00013
11.00	-210.00	0.00013	13.00	-210.00	0.00013
15.00	-210.00	0.00013	17.00	-210.00	0.00013
20.00	-210.00	0.00013	25.00	-210.00	0.00014
30.00	-210.00	0.00014	40.00	-210.00	0.00014
50.00	-210.00	0.00015	60.00	-210.00	0.00016
70.00	-210.00	0.00016	80.00	-210.00	0.00017
90.00	-210.00	0.00018	100.00	-210.00	0.00019
-100.00	-200.00	0.00008	-90.00	-200.00	0.00008
-80.00	-200.00	0.00009	-70.00	-200.00	0.00009
-60.00	-200.00	0.00010	-50.00	-200.00	0.00010
-40.00	-200.00	0.00011	-30.00	-200.00	0.00012
-25.00	-200.00	0.00012	-20.00	-200.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00013	9.00	-200.00	0.00014
11.00	-200.00	0.00014	13.00	-200.00	0.00014
15.00	-200.00	0.00014	17.00	-200.00	0.00014
20.00	-200.00	0.00014	25.00	-200.00	0.00015
30.00	-200.00	0.00015	40.00	-200.00	0.00015
50.00	-200.00	0.00016	60.00	-200.00	0.00017

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00018	80.00	-200.00	0.00019
90.00	-200.00	0.00019	100.00	-200.00	0.00020
-100.00	-190.00	0.00008	-90.00	-190.00	0.00009
-80.00	-190.00	0.00009	-70.00	-190.00	0.00010
-60.00	-190.00	0.00010	-50.00	-190.00	0.00011
-40.00	-190.00	0.00012	-30.00	-190.00	0.00012
-25.00	-190.00	0.00013	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00014	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00015
11.00	-190.00	0.00015	13.00	-190.00	0.00015
15.00	-190.00	0.00015	17.00	-190.00	0.00015
20.00	-190.00	0.00015	25.00	-190.00	0.00016
30.00	-190.00	0.00016	40.00	-190.00	0.00017
50.00	-190.00	0.00017	60.00	-190.00	0.00018
70.00	-190.00	0.00019	80.00	-190.00	0.00020
90.00	-190.00	0.00021	100.00	-190.00	0.00022
-100.00	-180.00	0.00009	-90.00	-180.00	0.00009
-80.00	-180.00	0.00010	-70.00	-180.00	0.00010
-60.00	-180.00	0.00011	-50.00	-180.00	0.00011
-40.00	-180.00	0.00012	-30.00	-180.00	0.00013
-25.00	-180.00	0.00014	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00015
-9.00	-180.00	0.00015	9.00	-180.00	0.00016
11.00	-180.00	0.00016	13.00	-180.00	0.00016
15.00	-180.00	0.00016	17.00	-180.00	0.00016
20.00	-180.00	0.00016	25.00	-180.00	0.00017
30.00	-180.00	0.00017	40.00	-180.00	0.00018
50.00	-180.00	0.00019	60.00	-180.00	0.00020
70.00	-180.00	0.00021	80.00	-180.00	0.00022
90.00	-180.00	0.00023	100.00	-180.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00009	-90.00	-170.00	0.00010
-80.00	-170.00	0.00010	-70.00	-170.00	0.00011

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00011	-50.00	-170.00	0.00012
-40.00	-170.00	0.00013	-30.00	-170.00	0.00014
-25.00	-170.00	0.00014	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00016
-9.00	-170.00	0.00016	9.00	-170.00	0.00017
11.00	-170.00	0.00017	13.00	-170.00	0.00017
15.00	-170.00	0.00017	17.00	-170.00	0.00017
20.00	-170.00	0.00018	25.00	-170.00	0.00018
30.00	-170.00	0.00018	40.00	-170.00	0.00019
50.00	-170.00	0.00020	60.00	-170.00	0.00021
70.00	-170.00	0.00023	80.00	-170.00	0.00024
90.00	-170.00	0.00025	100.00	-170.00	0.00026
-100.00	-160.00	0.00010	-90.00	-160.00	0.00010
-80.00	-160.00	0.00011	-70.00	-160.00	0.00011
-60.00	-160.00	0.00012	-50.00	-160.00	0.00013
-40.00	-160.00	0.00014	-30.00	-160.00	0.00015
-25.00	-160.00	0.00015	-20.00	-160.00	0.00016
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00017	-11.00	-160.00	0.00017
-9.00	-160.00	0.00017	9.00	-160.00	0.00018
11.00	-160.00	0.00018	13.00	-160.00	0.00018
15.00	-160.00	0.00019	17.00	-160.00	0.00019
20.00	-160.00	0.00019	25.00	-160.00	0.00019
30.00	-160.00	0.00020	40.00	-160.00	0.00021
50.00	-160.00	0.00022	60.00	-160.00	0.00023
70.00	-160.00	0.00025	80.00	-160.00	0.00026
90.00	-160.00	0.00027	100.00	-160.00	0.00028
-100.00	-150.00	0.00010	-90.00	-150.00	0.00011
-80.00	-150.00	0.00011	-70.00	-150.00	0.00012
-60.00	-150.00	0.00013	-50.00	-150.00	0.00014
-40.00	-150.00	0.00015	-30.00	-150.00	0.00016
-25.00	-150.00	0.00016	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00018
-13.00	-150.00	0.00018	-11.00	-150.00	0.00018
-9.00	-150.00	0.00018	9.00	-150.00	0.00020
11.00	-150.00	0.00020	13.00	-150.00	0.00020
15.00	-150.00	0.00020	17.00	-150.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*



03NCRA PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00021	25.00	-150.00	0.00021	
30.00	-150.00	0.00022	40.00	-150.00	0.00023	
50.00	-150.00	0.00024	60.00	-150.00	0.00026	
70.00	-150.00	0.00027	80.00	-150.00	0.00028	
90.00	-150.00	0.00030	100.00	-150.00	0.00031	
-100.00	-140.00	0.00011	-90.00	-140.00	0.00011	
-80.00	-140.00	0.00012	-70.00	-140.00	0.00013	
-60.00	-140.00	0.00014	-50.00	-140.00	0.00014	
-40.00	-140.00	0.00016	-30.00	-140.00	0.00017	
-25.00	-140.00	0.00018	-20.00	-140.00	0.00018	
-17.00	-140.00	0.00019	-15.00	-140.00	0.00019	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00019	
-9.00	-140.00	0.00020	9.00	-140.00	0.00021	
11.00	-140.00	0.00021	13.00	-140.00	0.00022	
15.00	-140.00	0.00022	17.00	-140.00	0.00022	
20.00	-140.00	0.00022	25.00	-140.00	0.00023	
30.00	-140.00	0.00024	40.00	-140.00	0.00025	
50.00	-140.00	0.00027	60.00	-140.00	0.00028	
70.00	-140.00	0.00030	80.00	-140.00	0.00031	
90.00	-140.00	0.00033	100.00	-140.00	0.00034	
-100.00	-130.00	0.00011	-90.00	-130.00	0.00012	
-80.00	-130.00	0.00013	-70.00	-130.00	0.00014	
-60.00	-130.00	0.00014	-50.00	-130.00	0.00015	
-40.00	-130.00	0.00017	-30.00	-130.00	0.00018	
-25.00	-130.00	0.00019	-20.00	-130.00	0.00020	
-17.00	-130.00	0.00020	-15.00	-130.00	0.00020	
-13.00	-130.00	0.00021	-11.00	-130.00	0.00021	
-9.00	-130.00	0.00021	9.00	-130.00	0.00023	
11.00	-130.00	0.00023	13.00	-130.00	0.00024	
15.00	-130.00	0.00024	17.00	-130.00	0.00024	
20.00	-130.00	0.00024	25.00	-130.00	0.00025	
30.00	-130.00	0.00026	40.00	-130.00	0.00027	
50.00	-130.00	0.00029	60.00	-130.00	0.00031	
70.00	-130.00	0.00033	80.00	-130.00	0.00035	
90.00	-130.00	0.00036	100.00	-130.00	0.00037	
-100.00	-120.00	0.00012	-90.00	-120.00	0.00013	
-80.00	-120.00	0.00014	-70.00	-120.00	0.00014	
-60.00	-120.00	0.00015	-50.00	-120.00	0.00016	
-40.00	-120.00	0.00018	-30.00	-120.00	0.00019	
-25.00	-120.00	0.00020	-20.00	-120.00	0.00021	

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00022	-15.00	-120.00	0.00022
-13.00	-120.00	0.00022	-11.00	-120.00	0.00023
-9.00	-120.00	0.00023	9.00	-120.00	0.00025
11.00	-120.00	0.00026	13.00	-120.00	0.00026
15.00	-120.00	0.00026	17.00	-120.00	0.00026
20.00	-120.00	0.00027	25.00	-120.00	0.00028
30.00	-120.00	0.00028	40.00	-120.00	0.00030
50.00	-120.00	0.00032	60.00	-120.00	0.00034
70.00	-120.00	0.00036	80.00	-120.00	0.00038
90.00	-120.00	0.00040	100.00	-120.00	0.00041
-100.00	-110.00	0.00013	-90.00	-110.00	0.00014
-80.00	-110.00	0.00014	-70.00	-110.00	0.00015
-60.00	-110.00	0.00016	-50.00	-110.00	0.00018
-40.00	-110.00	0.00019	-30.00	-110.00	0.00021
-25.00	-110.00	0.00022	-20.00	-110.00	0.00023
-17.00	-110.00	0.00024	-15.00	-110.00	0.00024
-13.00	-110.00	0.00024	-11.00	-110.00	0.00025
-9.00	-110.00	0.00025	9.00	-110.00	0.00028
11.00	-110.00	0.00028	13.00	-110.00	0.00028
15.00	-110.00	0.00029	17.00	-110.00	0.00029
20.00	-110.00	0.00029	25.00	-110.00	0.00030
30.00	-110.00	0.00031	40.00	-110.00	0.00034
50.00	-110.00	0.00036	60.00	-110.00	0.00038
70.00	-110.00	0.00041	80.00	-110.00	0.00043
90.00	-110.00	0.00044	100.00	-110.00	0.00046
-100.00	-100.00	0.00014	-90.00	-100.00	0.00014
-80.00	-100.00	0.00015	-70.00	-100.00	0.00016
-60.00	-100.00	0.00018	-50.00	-100.00	0.00019
-40.00	-100.00	0.00021	-30.00	-100.00	0.00023
-25.00	-100.00	0.00024	-20.00	-100.00	0.00025
-17.00	-100.00	0.00026	-15.00	-100.00	0.00026
-13.00	-100.00	0.00027	-11.00	-100.00	0.00027
-9.00	-100.00	0.00028	9.00	-100.00	0.00031
11.00	-100.00	0.00031	13.00	-100.00	0.00031

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00032	17.00	-100.00	0.00032
20.00	-100.00	0.00033	25.00	-100.00	0.00034
30.00	-100.00	0.00035	40.00	-100.00	0.00038
50.00	-100.00	0.00040	60.00	-100.00	0.00043
70.00	-100.00	0.00046	80.00	-100.00	0.00048
90.00	-100.00	0.00050	100.00	-100.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00015	-90.00	-90.00	0.00016
-80.00	-90.00	0.00017	-70.00	-90.00	0.00018
-60.00	-90.00	0.00019	-50.00	-90.00	0.00021
-40.00	-90.00	0.00022	-30.00	-90.00	0.00025
-25.00	-90.00	0.00026	-20.00	-90.00	0.00027
-17.00	-90.00	0.00028	-15.00	-90.00	0.00029
-13.00	-90.00	0.00029	-11.00	-90.00	0.00030
-9.00	-90.00	0.00030	9.00	-90.00	0.00034
11.00	-90.00	0.00034	13.00	-90.00	0.00035
15.00	-90.00	0.00035	17.00	-90.00	0.00036
20.00	-90.00	0.00036	25.00	-90.00	0.00038
30.00	-90.00	0.00039	40.00	-90.00	0.00042
50.00	-90.00	0.00046	60.00	-90.00	0.00049
70.00	-90.00	0.00052	80.00	-90.00	0.00054
90.00	-90.00	0.00056	100.00	-90.00	0.00057
-100.00	-80.00	0.00015	-90.00	-80.00	0.00017
-80.00	-80.00	0.00018	-70.00	-80.00	0.00019
-60.00	-80.00	0.00021	-50.00	-80.00	0.00022
-40.00	-80.00	0.00024	-30.00	-80.00	0.00027
-25.00	-80.00	0.00028	-20.00	-80.00	0.00030
-17.00	-80.00	0.00031	-15.00	-80.00	0.00032
-13.00	-80.00	0.00032	-11.00	-80.00	0.00033
-9.00	-80.00	0.00033	9.00	-80.00	0.00038
11.00	-80.00	0.00038	13.00	-80.00	0.00039
15.00	-80.00	0.00039	17.00	-80.00	0.00040
20.00	-80.00	0.00041	25.00	-80.00	0.00042
30.00	-80.00	0.00044	40.00	-80.00	0.00048
50.00	-80.00	0.00052	60.00	-80.00	0.00056

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00059	80.00	-80.00	0.00061
90.00	-80.00	0.00063	100.00	-80.00	0.00064
-100.00	-70.00	0.00016	-90.00	-70.00	0.00018
-80.00	-70.00	0.00019	-70.00	-70.00	0.00021
-60.00	-70.00	0.00022	-50.00	-70.00	0.00024
-40.00	-70.00	0.00026	-30.00	-70.00	0.00029
-25.00	-70.00	0.00031	-20.00	-70.00	0.00033
-17.00	-70.00	0.00034	-15.00	-70.00	0.00035
-13.00	-70.00	0.00036	-11.00	-70.00	0.00036
-9.00	-70.00	0.00037	9.00	-70.00	0.00042
11.00	-70.00	0.00043	13.00	-70.00	0.00044
15.00	-70.00	0.00044	17.00	-70.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 50

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00046	25.00	-70.00	0.00048
30.00	-70.00	0.00050	40.00	-70.00	0.00055
50.00	-70.00	0.00060	60.00	-70.00	0.00064
70.00	-70.00	0.00067	80.00	-70.00	0.00070
90.00	-70.00	0.00071	100.00	-70.00	0.00072
-100.00	-60.00	0.00017	-90.00	-60.00	0.00019
-80.00	-60.00	0.00021	-70.00	-60.00	0.00022
-60.00	-60.00	0.00024	-50.00	-60.00	0.00026
-40.00	-60.00	0.00029	-30.00	-60.00	0.00032
-25.00	-60.00	0.00034	-20.00	-60.00	0.00036
-17.00	-60.00	0.00038	-15.00	-60.00	0.00039
-13.00	-60.00	0.00040	-11.00	-60.00	0.00041
-9.00	-60.00	0.00041	9.00	-60.00	0.00048
11.00	-60.00	0.00049	13.00	-60.00	0.00049
15.00	-60.00	0.00050	17.00	-60.00	0.00051
20.00	-60.00	0.00053	25.00	-60.00	0.00055
30.00	-60.00	0.00058	40.00	-60.00	0.00064
50.00	-60.00	0.00069	60.00	-60.00	0.00074
70.00	-60.00	0.00078	80.00	-60.00	0.00080
90.00	-60.00	0.00081	100.00	-60.00	0.00082
-100.00	-50.00	0.00017	-90.00	-50.00	0.00020
-80.00	-50.00	0.00022	-70.00	-50.00	0.00024

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00026	-50.00	-50.00	0.00029
-40.00	-50.00	0.00032	-30.00	-50.00	0.00036
-25.00	-50.00	0.00038	-20.00	-50.00	0.00040
-17.00	-50.00	0.00042	-15.00	-50.00	0.00043
-13.00	-50.00	0.00044	-11.00	-50.00	0.00045
-9.00	-50.00	0.00047	9.00	-50.00	0.00055
11.00	-50.00	0.00056	13.00	-50.00	0.00057
15.00	-50.00	0.00058	17.00	-50.00	0.00059
20.00	-50.00	0.00061	25.00	-50.00	0.00064
30.00	-50.00	0.00067	40.00	-50.00	0.00075
50.00	-50.00	0.00081	60.00	-50.00	0.00087
70.00	-50.00	0.00090	80.00	-50.00	0.00092
90.00	-50.00	0.00093	100.00	-50.00	0.00094
-100.00	-40.00	0.00018	-90.00	-40.00	0.00020
-80.00	-40.00	0.00023	-70.00	-40.00	0.00026
-60.00	-40.00	0.00029	-50.00	-40.00	0.00032
-40.00	-40.00	0.00035	-30.00	-40.00	0.00039
-25.00	-40.00	0.00042	-20.00	-40.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00047	-15.00	-40.00	0.00048
-13.00	-40.00	0.00050	-11.00	-40.00	0.00051
-9.00	-40.00	0.00053	9.00	-40.00	0.00063
11.00	-40.00	0.00064	13.00	-40.00	0.00065
15.00	-40.00	0.00067	17.00	-40.00	0.00068
20.00	-40.00	0.00071	25.00	-40.00	0.00075
30.00	-40.00	0.00080	40.00	-40.00	0.00089
50.00	-40.00	0.00096	60.00	-40.00	0.00102
70.00	-40.00	0.00105	80.00	-40.00	0.00107
90.00	-40.00	0.00108	100.00	-40.00	0.00107
-100.00	-30.00	0.00018	-90.00	-30.00	0.00021
-80.00	-30.00	0.00024	-70.00	-30.00	0.00028
-60.00	-30.00	0.00032	-50.00	-30.00	0.00035
-40.00	-30.00	0.00039	-30.00	-30.00	0.00044
-25.00	-30.00	0.00047	-20.00	-30.00	0.00050
-17.00	-30.00	0.00053	-15.00	-30.00	0.00054

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00056	-11.00	-30.00	0.00058
-9.00	-30.00	0.00060	9.00	-30.00	0.00073
11.00	-30.00	0.00075	13.00	-30.00	0.00077
15.00	-30.00	0.00079	17.00	-30.00	0.00081
20.00	-30.00	0.00084	25.00	-30.00	0.00090
30.00	-30.00	0.00095	40.00	-30.00	0.00107
50.00	-30.00	0.00115	60.00	-30.00	0.00121
70.00	-30.00	0.00125	80.00	-30.00	0.00126
90.00	-30.00	0.00125	100.00	-30.00	0.00122
-100.00	-20.00	0.00019	-90.00	-20.00	0.00022
-80.00	-20.00	0.00025	-70.00	-20.00	0.00029
-60.00	-20.00	0.00034	-50.00	-20.00	0.00039
-40.00	-20.00	0.00043	-30.00	-20.00	0.00049
-25.00	-20.00	0.00053	-20.00	-20.00	0.00057
-17.00	-20.00	0.00060	-15.00	-20.00	0.00062
-13.00	-20.00	0.00064	-11.00	-20.00	0.00066
-9.00	-20.00	0.00068	9.00	-20.00	0.00086
11.00	-20.00	0.00088	13.00	-20.00	0.00091
15.00	-20.00	0.00094	17.00	-20.00	0.00096
20.00	-20.00	0.00101	25.00	-20.00	0.00109
30.00	-20.00	0.00117	40.00	-20.00	0.00130
50.00	-20.00	0.00140	60.00	-20.00	0.00146
70.00	-20.00	0.00149	80.00	-20.00	0.00148
90.00	-20.00	0.00144	100.00	-20.00	0.00138

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00019	-90.00	-10.00	0.00022
-80.00	-10.00	0.00026	-70.00	-10.00	0.00030
-60.00	-10.00	0.00036	-50.00	-10.00	0.00042
-40.00	-10.00	0.00049	-30.00	-10.00	0.00055
-25.00	-10.00	0.00059	-20.00	-10.00	0.00064
-17.00	-10.00	0.00068	-15.00	-10.00	0.00070
-13.00	-10.00	0.00073	-11.00	-10.00	0.00076
-9.00	-10.00	0.00079	9.00	-10.00	0.00103
11.00	-10.00	0.00106	13.00	-10.00	0.00110
15.00	-10.00	0.00114	17.00	-10.00	0.00118

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00124	25.00	-10.00	0.00135
30.00	-10.00	0.00145	40.00	-10.00	0.00162
50.00	-10.00	0.00173	60.00	-10.00	0.00178
70.00	-10.00	0.00178	80.00	-10.00	0.00173
90.00	-10.00	0.00165	100.00	-10.00	0.00155
-100.00	0.00	0.00020	-90.00	0.00	0.00023
-80.00	0.00	0.00027	-70.00	0.00	0.00032
-60.00	0.00	0.00038	-50.00	0.00	0.00045
-40.00	0.00	0.00054	-30.00	0.00	0.00062
-25.00	0.00	0.00067	-20.00	0.00	0.00073
-17.00	0.00	0.00077	-15.00	0.00	0.00080
-13.00	0.00	0.00083	-11.00	0.00	0.00087
-9.00	0.00	0.00091	9.00	0.00	0.00125
11.00	0.00	0.00130	13.00	0.00	0.00136
15.00	0.00	0.00142	17.00	0.00	0.00148
20.00	0.00	0.00157	25.00	0.00	0.00172
30.00	0.00	0.00185	40.00	0.00	0.00205
50.00	0.00	0.00216	60.00	0.00	0.00217
70.00	0.00	0.00211	80.00	0.00	0.00199
90.00	0.00	0.00185	100.00	0.00	0.00170
-100.00	10.00	0.00021	-90.00	10.00	0.00024
-80.00	10.00	0.00029	-70.00	10.00	0.00034
-60.00	10.00	0.00040	-50.00	10.00	0.00047
-40.00	10.00	0.00058	-30.00	10.00	0.00070
-25.00	10.00	0.00076	-20.00	10.00	0.00083
-17.00	10.00	0.00087	-15.00	10.00	0.00091
-13.00	10.00	0.00095	-11.00	10.00	0.00100
-9.00	10.00	0.00105	9.00	10.00	0.00156
11.00	10.00	0.00164	13.00	10.00	0.00173
15.00	10.00	0.00182	17.00	10.00	0.00192

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00205	25.00	10.00	0.00226
30.00	10.00	0.00243	40.00	10.00	0.00266
50.00	10.00	0.00271	60.00	10.00	0.00261
70.00	10.00	0.00244	80.00	10.00	0.00224

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00203	100.00	10.00	0.00182
-100.00	20.00	0.00022	-90.00	20.00	0.00026
-80.00	20.00	0.00030	-70.00	20.00	0.00036
-60.00	20.00	0.00042	-50.00	20.00	0.00051
-40.00	20.00	0.00061	-30.00	20.00	0.00076
-25.00	20.00	0.00084	-20.00	20.00	0.00094
-17.00	20.00	0.00100	-15.00	20.00	0.00104
-13.00	20.00	0.00109	-11.00	20.00	0.00114
-9.00	20.00	0.00120	9.00	20.00	0.00202
11.00	20.00	0.00217	13.00	20.00	0.00231
15.00	20.00	0.00246	17.00	20.00	0.00261
20.00	20.00	0.00281	25.00	20.00	0.00310
30.00	20.00	0.00330	40.00	20.00	0.00344
50.00	20.00	0.00331	60.00	20.00	0.00305
70.00	20.00	0.00274	80.00	20.00	0.00244
90.00	20.00	0.00216	100.00	20.00	0.00191
-100.00	30.00	0.00024	-90.00	30.00	0.00028
-80.00	30.00	0.00032	-70.00	30.00	0.00038
-60.00	30.00	0.00045	-50.00	30.00	0.00054
-40.00	30.00	0.00066	-30.00	30.00	0.00081
-25.00	30.00	0.00091	-20.00	30.00	0.00102
-17.00	30.00	0.00111	-15.00	30.00	0.00117
-13.00	30.00	0.00124	-11.00	30.00	0.00131
-9.00	30.00	0.00139	9.00	30.00	0.00285
11.00	30.00	0.00311	13.00	30.00	0.00337
15.00	30.00	0.00361	17.00	30.00	0.00382
20.00	30.00	0.00409	25.00	30.00	0.00435
30.00	30.00	0.00443	40.00	30.00	0.00424
50.00	30.00	0.00384	60.00	30.00	0.00340
70.00	30.00	0.00297	80.00	30.00	0.00259
90.00	30.00	0.00224	100.00	30.00	0.00195
-100.00	40.00	0.00027	-90.00	40.00	0.00031
-80.00	40.00	0.00036	-70.00	40.00	0.00042
-60.00	40.00	0.00050	-50.00	40.00	0.00060
-40.00	40.00	0.00073	-30.00	40.00	0.00088
-25.00	40.00	0.00099	-20.00	40.00	0.00111

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



03NCRA PL93-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00120	-15.00	40.00	0.00127
-13.00	40.00	0.00136	-11.00	40.00	0.00146
-9.00	40.00	0.00158	9.00	40.00	0.00483
11.00	40.00	0.00515	13.00	40.00	0.00538
15.00	40.00	0.00553	17.00	40.00	0.00563
20.00	40.00	0.00569	25.00	40.00	0.00562
30.00	40.00	0.00543	40.00	40.00	0.00485
50.00	40.00	0.00422	60.00	40.00	0.00362
70.00	40.00	0.00310	80.00	40.00	0.00265
90.00	40.00	0.00226	100.00	40.00	0.00193
-100.00	50.00	0.00031	-90.00	50.00	0.00035
-80.00	50.00	0.00041	-70.00	50.00	0.00048
-60.00	50.00	0.00058	-50.00	50.00	0.00070
-40.00	50.00	0.00086	-30.00	50.00	0.00107
-25.00	50.00	0.00120	-20.00	50.00	0.00136
-17.00	50.00	0.00148	-15.00	50.00	0.00158
-13.00	50.00	0.00170	-11.00	50.00	0.00185
-9.00	50.00	0.00206	9.00	50.00	0.00646
11.00	50.00	0.00653	13.00	50.00	0.00657
15.00	50.00	0.00659	17.00	50.00	0.00658
20.00	50.00	0.00650	25.00	50.00	0.00625
30.00	50.00	0.00591	40.00	50.00	0.00513
50.00	50.00	0.00437	60.00	50.00	0.00369
70.00	50.00	0.00310	80.00	50.00	0.00261
90.00	50.00	0.00219	100.00	50.00	0.00185
-100.00	60.00	0.00036	-90.00	60.00	0.00041
-80.00	60.00	0.00048	-70.00	60.00	0.00056
-60.00	60.00	0.00068	-50.00	60.00	0.00084
-40.00	60.00	0.00105	-30.00	60.00	0.00134
-25.00	60.00	0.00152	-20.00	60.00	0.00176
-17.00	60.00	0.00192	-15.00	60.00	0.00206
-13.00	60.00	0.00221	-11.00	60.00	0.00239
-9.00	60.00	0.00260	9.00	60.00	0.00661
11.00	60.00	0.00666	13.00	60.00	0.00670
15.00	60.00	0.00671	17.00	60.00	0.00670
20.00	60.00	0.00661	25.00	60.00	0.00634
30.00	60.00	0.00597	40.00	60.00	0.00513
50.00	60.00	0.00432	60.00	60.00	0.00360
70.00	60.00	0.00298	80.00	60.00	0.00248
90.00	60.00	0.00206	100.00	60.00	0.00172

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTS:  
PAGE 55

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00041	-90.00	70.00	0.00047
-80.00	70.00	0.00055	-70.00	70.00	0.00066
-60.00	70.00	0.00079	-50.00	70.00	0.00098
-40.00	70.00	0.00124	-30.00	70.00	0.00159
-25.00	70.00	0.00180	-20.00	70.00	0.00206
-17.00	70.00	0.00223	-15.00	70.00	0.00236
-13.00	70.00	0.00250	-11.00	70.00	0.00265
-9.00	70.00	0.00283	9.00	70.00	0.00661
11.00	70.00	0.00665	13.00	70.00	0.00668
15.00	70.00	0.00668	17.00	70.00	0.00664
20.00	70.00	0.00653	25.00	70.00	0.00623
30.00	70.00	0.00584	40.00	70.00	0.00496
50.00	70.00	0.00412	60.00	70.00	0.00338
70.00	70.00	0.00276	80.00	70.00	0.00226
90.00	70.00	0.00186	100.00	70.00	0.00154
-100.00	80.00	0.00045	-90.00	80.00	0.00053
-80.00	80.00	0.00063	-70.00	80.00	0.00075
-60.00	80.00	0.00091	-50.00	80.00	0.00111
-40.00	80.00	0.00139	-30.00	80.00	0.00176
-25.00	80.00	0.00198	-20.00	80.00	0.00222
-17.00	80.00	0.00238	-15.00	80.00	0.00249
-13.00	80.00	0.00260	-11.00	80.00	0.00272
-9.00	80.00	0.00287	9.00	80.00	0.00650
11.00	80.00	0.00653	13.00	80.00	0.00655
15.00	80.00	0.00653	17.00	80.00	0.00648
20.00	80.00	0.00635	25.00	80.00	0.00601
30.00	80.00	0.00558	40.00	80.00	0.00466
50.00	80.00	0.00379	60.00	80.00	0.00306
70.00	80.00	0.00246	80.00	80.00	0.00199
90.00	80.00	0.00162	100.00	80.00	0.00134
-100.00	90.00	0.00050	-90.00	90.00	0.00059
-80.00	90.00	0.00069	-70.00	90.00	0.00083
-60.00	90.00	0.00100	-50.00	90.00	0.00122
-40.00	90.00	0.00149	-30.00	90.00	0.00185
-25.00	90.00	0.00206	-20.00	90.00	0.00228
-17.00	90.00	0.00241	-15.00	90.00	0.00250

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00259	-11.00	90.00	0.00270
-9.00	90.00	0.00283	9.00	90.00	0.00630
11.00	90.00	0.00631	13.00	90.00	0.00631
15.00	90.00	0.00627	17.00	90.00	0.00620

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00603	25.00	90.00	0.00565
30.00	90.00	0.00518	40.00	90.00	0.00420
50.00	90.00	0.00333	60.00	90.00	0.00262
70.00	90.00	0.00208	80.00	90.00	0.00167
90.00	90.00	0.00136	100.00	90.00	0.00113
-100.00	100.00	0.00054	-90.00	100.00	0.00063
-80.00	100.00	0.00075	-70.00	100.00	0.00089
-60.00	100.00	0.00107	-50.00	100.00	0.00129
-40.00	100.00	0.00156	-30.00	100.00	0.00188
-25.00	100.00	0.00206	-20.00	100.00	0.00225
-17.00	100.00	0.00236	-15.00	100.00	0.00244
-13.00	100.00	0.00252	-11.00	100.00	0.00261
-9.00	100.00	0.00272	9.00	100.00	0.00599
11.00	100.00	0.00597	13.00	100.00	0.00593
15.00	100.00	0.00585	17.00	100.00	0.00575
20.00	100.00	0.00554	25.00	100.00	0.00508
30.00	100.00	0.00457	40.00	100.00	0.00356
50.00	100.00	0.00273	60.00	100.00	0.00211
70.00	100.00	0.00167	80.00	100.00	0.00135
90.00	100.00	0.00111	100.00	100.00	0.00092
-100.00	110.00	0.00057	-90.00	110.00	0.00067
-80.00	110.00	0.00079	-70.00	110.00	0.00093
-60.00	110.00	0.00111	-50.00	110.00	0.00133
-40.00	110.00	0.00159	-30.00	110.00	0.00188
-25.00	110.00	0.00202	-20.00	110.00	0.00217
-17.00	110.00	0.00226	-15.00	110.00	0.00232
-13.00	110.00	0.00239	-11.00	110.00	0.00246
-9.00	110.00	0.00256	9.00	110.00	0.00550
11.00	110.00	0.00541	13.00	110.00	0.00531
15.00	110.00	0.00518	17.00	110.00	0.00502

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00474	25.00	110.00	0.00420
30.00	110.00	0.00365	40.00	110.00	0.00271
50.00	110.00	0.00205	60.00	110.00	0.00159
70.00	110.00	0.00127	80.00	110.00	0.00104
90.00	110.00	0.00087	100.00	110.00	0.00073
-100.00	120.00	0.00060	-90.00	120.00	0.00069
-80.00	120.00	0.00081	-70.00	120.00	0.00095
-60.00	120.00	0.00113	-50.00	120.00	0.00134
-40.00	120.00	0.00159	-30.00	120.00	0.00184
-25.00	120.00	0.00197	-20.00	120.00	0.00208

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00214	-15.00	120.00	0.00218
-13.00	120.00	0.00223	-11.00	120.00	0.00228
-9.00	120.00	0.00235	9.00	120.00	0.00463
11.00	120.00	0.00442	13.00	120.00	0.00420
15.00	120.00	0.00398	17.00	120.00	0.00375
20.00	120.00	0.00340	25.00	120.00	0.00288
30.00	120.00	0.00244	40.00	120.00	0.00182
50.00	120.00	0.00141	60.00	120.00	0.00112
70.00	120.00	0.00092	80.00	120.00	0.00077
90.00	120.00	0.00066	100.00	120.00	0.00057
-100.00	130.00	0.00060	-90.00	130.00	0.00069
-80.00	130.00	0.00081	-70.00	130.00	0.00094
-60.00	130.00	0.00111	-50.00	130.00	0.00131
-40.00	130.00	0.00153	-30.00	130.00	0.00176
-25.00	130.00	0.00187	-20.00	130.00	0.00197
-17.00	130.00	0.00202	-15.00	130.00	0.00205
-13.00	130.00	0.00207	-11.00	130.00	0.00210
-9.00	130.00	0.00213	9.00	130.00	0.00259
11.00	130.00	0.00231	13.00	130.00	0.00212
15.00	130.00	0.00198	17.00	130.00	0.00186
20.00	130.00	0.00171	25.00	130.00	0.00151
30.00	130.00	0.00134	40.00	130.00	0.00108
50.00	130.00	0.00089	60.00	130.00	0.00075
70.00	130.00	0.00064	80.00	130.00	0.00055

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00048	100.00	130.00	0.00043
-100.00	140.00	0.00059	-90.00	140.00	0.00067
-80.00	140.00	0.00078	-70.00	140.00	0.00090
-60.00	140.00	0.00105	-50.00	140.00	0.00121
-40.00	140.00	0.00139	-30.00	140.00	0.00156
-25.00	140.00	0.00163	-20.00	140.00	0.00168
-17.00	140.00	0.00169	-15.00	140.00	0.00169
-13.00	140.00	0.00167	-11.00	140.00	0.00164
-9.00	140.00	0.00158	9.00	140.00	0.00085
11.00	140.00	0.00084	13.00	140.00	0.00083
15.00	140.00	0.00082	17.00	140.00	0.00081
20.00	140.00	0.00079	25.00	140.00	0.00075
30.00	140.00	0.00071	40.00	140.00	0.00063
50.00	140.00	0.00056	60.00	140.00	0.00050
70.00	140.00	0.00044	80.00	140.00	0.00040
90.00	140.00	0.00036	100.00	140.00	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00056	-90.00	150.00	0.00064
-80.00	150.00	0.00073	-70.00	150.00	0.00083
-60.00	150.00	0.00094	-50.00	150.00	0.00106
-40.00	150.00	0.00117	-30.00	150.00	0.00125
-25.00	150.00	0.00126	-20.00	150.00	0.00123
-17.00	150.00	0.00119	-15.00	150.00	0.00115
-13.00	150.00	0.00109	-11.00	150.00	0.00103
-9.00	150.00	0.00095	9.00	150.00	0.00058
11.00	150.00	0.00057	13.00	150.00	0.00056
15.00	150.00	0.00055	17.00	150.00	0.00054
20.00	150.00	0.00052	25.00	150.00	0.00049
30.00	150.00	0.00047	40.00	150.00	0.00043
50.00	150.00	0.00039	60.00	150.00	0.00036
70.00	150.00	0.00032	80.00	150.00	0.00030
90.00	150.00	0.00027	100.00	150.00	0.00025
-100.00	160.00	0.00053	-90.00	160.00	0.00059
-80.00	160.00	0.00066	-70.00	160.00	0.00074
-60.00	160.00	0.00082	-50.00	160.00	0.00089

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00094	-30.00	160.00	0.00094
-25.00	160.00	0.00091	-20.00	160.00	0.00085
-17.00	160.00	0.00080	-15.00	160.00	0.00076
-13.00	160.00	0.00071	-11.00	160.00	0.00067
-9.00	160.00	0.00062	9.00	160.00	0.00042
11.00	160.00	0.00042	13.00	160.00	0.00041
15.00	160.00	0.00041	17.00	160.00	0.00040
20.00	160.00	0.00039	25.00	160.00	0.00038
30.00	160.00	0.00036	40.00	160.00	0.00032
50.00	160.00	0.00029	60.00	160.00	0.00027
70.00	160.00	0.00025	80.00	160.00	0.00023
90.00	160.00	0.00021	100.00	160.00	0.00020
-100.00	170.00	0.00048	-90.00	170.00	0.00054
-80.00	170.00	0.00059	-70.00	170.00	0.00064
-60.00	170.00	0.00069	-50.00	170.00	0.00073
-40.00	170.00	0.00073	-30.00	170.00	0.00070
-25.00	170.00	0.00065	-20.00	170.00	0.00059
-17.00	170.00	0.00055	-15.00	170.00	0.00052
-13.00	170.00	0.00049	-11.00	170.00	0.00047
-9.00	170.00	0.00044	9.00	170.00	0.00033
11.00	170.00	0.00032	13.00	170.00	0.00032
15.00	170.00	0.00031	17.00	170.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00030	25.00	170.00	0.00030
30.00	170.00	0.00029	40.00	170.00	0.00026
50.00	170.00	0.00023	60.00	170.00	0.00021
70.00	170.00	0.00020	80.00	170.00	0.00019
90.00	170.00	0.00017	100.00	170.00	0.00016
-100.00	180.00	0.00044	-90.00	180.00	0.00048
-80.00	180.00	0.00052	-70.00	180.00	0.00055
-60.00	180.00	0.00058	-50.00	180.00	0.00059
-40.00	180.00	0.00057	-30.00	180.00	0.00052
-25.00	180.00	0.00047	-20.00	180.00	0.00043
-17.00	180.00	0.00040	-15.00	180.00	0.00038
-13.00	180.00	0.00037	-11.00	180.00	0.00035

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00034	9.00	180.00	0.00026
11.00	180.00	0.00026	13.00	180.00	0.00025
15.00	180.00	0.00025	17.00	180.00	0.00025
20.00	180.00	0.00024	25.00	180.00	0.00024
30.00	180.00	0.00023	40.00	180.00	0.00022
50.00	180.00	0.00020	60.00	180.00	0.00018
70.00	180.00	0.00016	80.00	180.00	0.00015
90.00	180.00	0.00014	100.00	180.00	0.00013
-100.00	190.00	0.00040	-90.00	190.00	0.00042
-80.00	190.00	0.00045	-70.00	190.00	0.00047
-60.00	190.00	0.00048	-50.00	190.00	0.00047
-40.00	190.00	0.00044	-30.00	190.00	0.00039
-25.00	190.00	0.00035	-20.00	190.00	0.00032
-17.00	190.00	0.00031	-15.00	190.00	0.00030
-13.00	190.00	0.00029	-11.00	190.00	0.00028
-9.00	190.00	0.00027	9.00	190.00	0.00021
11.00	190.00	0.00021	13.00	190.00	0.00021
15.00	190.00	0.00021	17.00	190.00	0.00020
20.00	190.00	0.00020	25.00	190.00	0.00019
30.00	190.00	0.00019	40.00	190.00	0.00018
50.00	190.00	0.00017	60.00	190.00	0.00015
70.00	190.00	0.00014	80.00	190.00	0.00013
90.00	190.00	0.00012	100.00	190.00	0.00011
-100.00	200.00	0.00035	-90.00	200.00	0.00037
-80.00	200.00	0.00039	-70.00	200.00	0.00040
-60.00	200.00	0.00040	-50.00	200.00	0.00038
-40.00	200.00	0.00035	-30.00	200.00	0.00030
-25.00	200.00	0.00028	-20.00	200.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00024	-15.00	200.00	0.00024
-13.00	200.00	0.00023	-11.00	200.00	0.00022
-9.00	200.00	0.00022	9.00	200.00	0.00018
11.00	200.00	0.00017	13.00	200.00	0.00017
15.00	200.00	0.00017	17.00	200.00	0.00017
20.00	200.00	0.00017	25.00	200.00	0.00016

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00016	40.00	200.00	0.00015
50.00	200.00	0.00014	60.00	200.00	0.00013
70.00	200.00	0.00012	80.00	200.00	0.00012
90.00	200.00	0.00011	100.00	200.00	0.00010
-100.00	210.00	0.00031	-90.00	210.00	0.00032
-80.00	210.00	0.00033	-70.00	210.00	0.00034
-60.00	210.00	0.00033	-50.00	210.00	0.00031
-40.00	210.00	0.00027	-30.00	210.00	0.00024
-25.00	210.00	0.00022	-20.00	210.00	0.00021
-17.00	210.00	0.00020	-15.00	210.00	0.00019
-13.00	210.00	0.00019	-11.00	210.00	0.00018
-9.00	210.00	0.00018	9.00	210.00	0.00015
11.00	210.00	0.00015	13.00	210.00	0.00015
15.00	210.00	0.00014	17.00	210.00	0.00014
20.00	210.00	0.00014	25.00	210.00	0.00014
30.00	210.00	0.00014	40.00	210.00	0.00013
50.00	210.00	0.00012	60.00	210.00	0.00012
70.00	210.00	0.00011	80.00	210.00	0.00010
90.00	210.00	0.00010	100.00	210.00	0.00009
-100.00	220.00	0.00028	-90.00	220.00	0.00028
-80.00	220.00	0.00029	-70.00	220.00	0.00028
-60.00	220.00	0.00027	-50.00	220.00	0.00025
-40.00	220.00	0.00022	-30.00	220.00	0.00019
-25.00	220.00	0.00018	-20.00	220.00	0.00017
-17.00	220.00	0.00017	-15.00	220.00	0.00016
-13.00	220.00	0.00016	-11.00	220.00	0.00015
-9.00	220.00	0.00015	9.00	220.00	0.00013
11.00	220.00	0.00013	13.00	220.00	0.00012
15.00	220.00	0.00012	17.00	220.00	0.00012
20.00	220.00	0.00012	25.00	220.00	0.00012
30.00	220.00	0.00012	40.00	220.00	0.00011
50.00	220.00	0.00011	60.00	220.00	0.00010
70.00	220.00	0.00010	80.00	220.00	0.00009
90.00	220.00	0.00009	100.00	220.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00024	-90.00	230.00	0.00025
-80.00	230.00	0.00025	-70.00	230.00	0.00024
-60.00	230.00	0.00023	-50.00	230.00	0.00020
-40.00	230.00	0.00018	-30.00	230.00	0.00016
-25.00	230.00	0.00015	-20.00	230.00	0.00015
-17.00	230.00	0.00014	-15.00	230.00	0.00014
-13.00	230.00	0.00013	-11.00	230.00	0.00013
-9.00	230.00	0.00013	9.00	230.00	0.00011
11.00	230.00	0.00011	13.00	230.00	0.00011
15.00	230.00	0.00011	17.00	230.00	0.00011
20.00	230.00	0.00011	25.00	230.00	0.00010
30.00	230.00	0.00010	40.00	230.00	0.00010
50.00	230.00	0.00009	60.00	230.00	0.00009
70.00	230.00	0.00009	80.00	230.00	0.00008
90.00	230.00	0.00008	100.00	230.00	0.00007
-100.00	240.00	0.00022	-90.00	240.00	0.00022
-80.00	240.00	0.00021	-70.00	240.00	0.00020
-60.00	240.00	0.00019	-50.00	240.00	0.00017
-40.00	240.00	0.00015	-30.00	240.00	0.00014
-25.00	240.00	0.00013	-20.00	240.00	0.00013
-17.00	240.00	0.00012	-15.00	240.00	0.00012
-13.00	240.00	0.00012	-11.00	240.00	0.00011
-9.00	240.00	0.00011	9.00	240.00	0.00010
11.00	240.00	0.00009	13.00	240.00	0.00009
15.00	240.00	0.00009	17.00	240.00	0.00009
20.00	240.00	0.00009	25.00	240.00	0.00009
30.00	240.00	0.00009	40.00	240.00	0.00009
50.00	240.00	0.00008	60.00	240.00	0.00008
70.00	240.00	0.00008	80.00	240.00	0.00007
90.00	240.00	0.00007	100.00	240.00	0.00007
-100.00	250.00	0.00019	-90.00	250.00	0.00019
-80.00	250.00	0.00018	-70.00	250.00	0.00017
-60.00	250.00	0.00016	-50.00	250.00	0.00014
-40.00	250.00	0.00013	-30.00	250.00	0.00012
-25.00	250.00	0.00011	-20.00	250.00	0.00011
-17.00	250.00	0.00011	-15.00	250.00	0.00010
-13.00	250.00	0.00010	-11.00	250.00	0.00010
-9.00	250.00	0.00010	9.00	250.00	0.00008
11.00	250.00	0.00008	13.00	250.00	0.00008
15.00	250.00	0.00008	17.00	250.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00008	25.00	250.00	0.00008
30.00	250.00	0.00008	40.00	250.00	0.00008
50.00	250.00	0.00007	60.00	250.00	0.00007
70.00	250.00	0.00007	80.00	250.00	0.00007
90.00	250.00	0.00006	100.00	250.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00010	-90.00	-250.00	0.00010
-80.00	-250.00	0.00011	-70.00	-250.00	0.00011
-60.00	-250.00	0.00012	-50.00	-250.00	0.00013
-40.00	-250.00	0.00014	-30.00	-250.00	0.00015
-25.00	-250.00	0.00015	-20.00	-250.00	0.00016
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00017	-11.00	-250.00	0.00017
-9.00	-250.00	0.00017	9.00	-250.00	0.00018
11.00	-250.00	0.00018	13.00	-250.00	0.00018
15.00	-250.00	0.00019	17.00	-250.00	0.00019
20.00	-250.00	0.00019	25.00	-250.00	0.00019
30.00	-250.00	0.00020	40.00	-250.00	0.00021
50.00	-250.00	0.00022	60.00	-250.00	0.00023
70.00	-250.00	0.00025	80.00	-250.00	0.00026
90.00	-250.00	0.00027	100.00	-250.00	0.00028
-100.00	-240.00	0.00010	-90.00	-240.00	0.00011
-80.00	-240.00	0.00011	-70.00	-240.00	0.00012
-60.00	-240.00	0.00013	-50.00	-240.00	0.00014
-40.00	-240.00	0.00015	-30.00	-240.00	0.00016
-25.00	-240.00	0.00016	-20.00	-240.00	0.00017
-17.00	-240.00	0.00017	-15.00	-240.00	0.00018
-13.00	-240.00	0.00018	-11.00	-240.00	0.00018
-9.00	-240.00	0.00018	9.00	-240.00	0.00020

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00020	13.00	-240.00	0.00020
15.00	-240.00	0.00020	17.00	-240.00	0.00020
20.00	-240.00	0.00021	25.00	-240.00	0.00021
30.00	-240.00	0.00022	40.00	-240.00	0.00023
50.00	-240.00	0.00024	60.00	-240.00	0.00026
70.00	-240.00	0.00027	80.00	-240.00	0.00028
90.00	-240.00	0.00030	100.00	-240.00	0.00031
-100.00	-230.00	0.00011	-90.00	-230.00	0.00011
-80.00	-230.00	0.00012	-70.00	-230.00	0.00013
-60.00	-230.00	0.00014	-50.00	-230.00	0.00014
-40.00	-230.00	0.00016	-30.00	-230.00	0.00017
-25.00	-230.00	0.00018	-20.00	-230.00	0.00018
-17.00	-230.00	0.00019	-15.00	-230.00	0.00019
-13.00	-230.00	0.00019	-11.00	-230.00	0.00019
-9.00	-230.00	0.00020	9.00	-230.00	0.00021
11.00	-230.00	0.00021	13.00	-230.00	0.00022
15.00	-230.00	0.00022	17.00	-230.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00022	25.00	-230.00	0.00023
30.00	-230.00	0.00024	40.00	-230.00	0.00025
50.00	-230.00	0.00027	60.00	-230.00	0.00028
70.00	-230.00	0.00030	80.00	-230.00	0.00031
90.00	-230.00	0.00033	100.00	-230.00	0.00034
-100.00	-220.00	0.00011	-90.00	-220.00	0.00012
-80.00	-220.00	0.00013	-70.00	-220.00	0.00014
-60.00	-220.00	0.00014	-50.00	-220.00	0.00015
-40.00	-220.00	0.00017	-30.00	-220.00	0.00018
-25.00	-220.00	0.00019	-20.00	-220.00	0.00020
-17.00	-220.00	0.00020	-15.00	-220.00	0.00020
-13.00	-220.00	0.00021	-11.00	-220.00	0.00021
-9.00	-220.00	0.00021	9.00	-220.00	0.00023
11.00	-220.00	0.00023	13.00	-220.00	0.00024
15.00	-220.00	0.00024	17.00	-220.00	0.00024
20.00	-220.00	0.00024	25.00	-220.00	0.00025
30.00	-220.00	0.00026	40.00	-220.00	0.00027

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00029	60.00	-220.00	0.00031
70.00	-220.00	0.00033	80.00	-220.00	0.00035
90.00	-220.00	0.00036	100.00	-220.00	0.00037
-100.00	-210.00	0.00012	-90.00	-210.00	0.00013
-80.00	-210.00	0.00014	-70.00	-210.00	0.00014
-60.00	-210.00	0.00015	-50.00	-210.00	0.00016
-40.00	-210.00	0.00018	-30.00	-210.00	0.00019
-25.00	-210.00	0.00020	-20.00	-210.00	0.00021
-17.00	-210.00	0.00022	-15.00	-210.00	0.00022
-13.00	-210.00	0.00022	-11.00	-210.00	0.00023
-9.00	-210.00	0.00023	9.00	-210.00	0.00025
11.00	-210.00	0.00026	13.00	-210.00	0.00026
15.00	-210.00	0.00026	17.00	-210.00	0.00026
20.00	-210.00	0.00027	25.00	-210.00	0.00028
30.00	-210.00	0.00028	40.00	-210.00	0.00030
50.00	-210.00	0.00032	60.00	-210.00	0.00034
70.00	-210.00	0.00036	80.00	-210.00	0.00038
90.00	-210.00	0.00040	100.00	-210.00	0.00041
-100.00	-200.00	0.00013	-90.00	-200.00	0.00014
-80.00	-200.00	0.00014	-70.00	-200.00	0.00015
-60.00	-200.00	0.00016	-50.00	-200.00	0.00018
-40.00	-200.00	0.00019	-30.00	-200.00	0.00021
-25.00	-200.00	0.00022	-20.00	-200.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00024	-15.00	-200.00	0.00024
-13.00	-200.00	0.00024	-11.00	-200.00	0.00025
-9.00	-200.00	0.00025	9.00	-200.00	0.00028
11.00	-200.00	0.00028	13.00	-200.00	0.00028
15.00	-200.00	0.00029	17.00	-200.00	0.00029
20.00	-200.00	0.00029	25.00	-200.00	0.00030
30.00	-200.00	0.00031	40.00	-200.00	0.00034
50.00	-200.00	0.00036	60.00	-200.00	0.00038
70.00	-200.00	0.00041	80.00	-200.00	0.00043
90.00	-200.00	0.00044	100.00	-200.00	0.00046
-100.00	-190.00	0.00014	-90.00	-190.00	0.00014

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00015	-70.00	-190.00	0.00016
-60.00	-190.00	0.00018	-50.00	-190.00	0.00019
-40.00	-190.00	0.00021	-30.00	-190.00	0.00023
-25.00	-190.00	0.00024	-20.00	-190.00	0.00025
-17.00	-190.00	0.00026	-15.00	-190.00	0.00026
-13.00	-190.00	0.00027	-11.00	-190.00	0.00027
-9.00	-190.00	0.00028	9.00	-190.00	0.00031
11.00	-190.00	0.00031	13.00	-190.00	0.00031
15.00	-190.00	0.00032	17.00	-190.00	0.00032
20.00	-190.00	0.00033	25.00	-190.00	0.00034
30.00	-190.00	0.00035	40.00	-190.00	0.00038
50.00	-190.00	0.00040	60.00	-190.00	0.00043
70.00	-190.00	0.00046	80.00	-190.00	0.00048
90.00	-190.00	0.00050	100.00	-190.00	0.00051
-100.00	-180.00	0.00015	-90.00	-180.00	0.00016
-80.00	-180.00	0.00017	-70.00	-180.00	0.00018
-60.00	-180.00	0.00019	-50.00	-180.00	0.00021
-40.00	-180.00	0.00022	-30.00	-180.00	0.00025
-25.00	-180.00	0.00026	-20.00	-180.00	0.00027
-17.00	-180.00	0.00028	-15.00	-180.00	0.00029
-13.00	-180.00	0.00029	-11.00	-180.00	0.00030
-9.00	-180.00	0.00030	9.00	-180.00	0.00034
11.00	-180.00	0.00034	13.00	-180.00	0.00035
15.00	-180.00	0.00035	17.00	-180.00	0.00036
20.00	-180.00	0.00036	25.00	-180.00	0.00038
30.00	-180.00	0.00039	40.00	-180.00	0.00042
50.00	-180.00	0.00046	60.00	-180.00	0.00049
70.00	-180.00	0.00052	80.00	-180.00	0.00054
90.00	-180.00	0.00056	100.00	-180.00	0.00057

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00015	-90.00	-170.00	0.00017
-80.00	-170.00	0.00018	-70.00	-170.00	0.00019
-60.00	-170.00	0.00021	-50.00	-170.00	0.00022
-40.00	-170.00	0.00024	-30.00	-170.00	0.00027
-25.00	-170.00	0.00028	-20.00	-170.00	0.00030

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00031	-15.00	-170.00	0.00032
-13.00	-170.00	0.00032	-11.00	-170.00	0.00033
-9.00	-170.00	0.00033	9.00	-170.00	0.00038
11.00	-170.00	0.00038	13.00	-170.00	0.00039
15.00	-170.00	0.00039	17.00	-170.00	0.00040
20.00	-170.00	0.00041	25.00	-170.00	0.00042
30.00	-170.00	0.00044	40.00	-170.00	0.00048
50.00	-170.00	0.00052	60.00	-170.00	0.00056
70.00	-170.00	0.00059	80.00	-170.00	0.00061
90.00	-170.00	0.00063	100.00	-170.00	0.00064
-100.00	-160.00	0.00016	-90.00	-160.00	0.00018
-80.00	-160.00	0.00019	-70.00	-160.00	0.00021
-60.00	-160.00	0.00022	-50.00	-160.00	0.00024
-40.00	-160.00	0.00026	-30.00	-160.00	0.00029
-25.00	-160.00	0.00031	-20.00	-160.00	0.00033
-17.00	-160.00	0.00034	-15.00	-160.00	0.00035
-13.00	-160.00	0.00036	-11.00	-160.00	0.00036
-9.00	-160.00	0.00037	9.00	-160.00	0.00042
11.00	-160.00	0.00043	13.00	-160.00	0.00044
15.00	-160.00	0.00044	17.00	-160.00	0.00045
20.00	-160.00	0.00046	25.00	-160.00	0.00048
30.00	-160.00	0.00050	40.00	-160.00	0.00055
50.00	-160.00	0.00060	60.00	-160.00	0.00064
70.00	-160.00	0.00067	80.00	-160.00	0.00070
90.00	-160.00	0.00071	100.00	-160.00	0.00072
-100.00	-150.00	0.00017	-90.00	-150.00	0.00019
-80.00	-150.00	0.00021	-70.00	-150.00	0.00022
-60.00	-150.00	0.00024	-50.00	-150.00	0.00026
-40.00	-150.00	0.00029	-30.00	-150.00	0.00032
-25.00	-150.00	0.00034	-20.00	-150.00	0.00036
-17.00	-150.00	0.00038	-15.00	-150.00	0.00039
-13.00	-150.00	0.00040	-11.00	-150.00	0.00041
-9.00	-150.00	0.00041	9.00	-150.00	0.00048
11.00	-150.00	0.00049	13.00	-150.00	0.00049
15.00	-150.00	0.00050	17.00	-150.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:05:15  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00053	25.00	-150.00	0.00055
30.00	-150.00	0.00058	40.00	-150.00	0.00064
50.00	-150.00	0.00069	60.00	-150.00	0.00074
70.00	-150.00	0.00078	80.00	-150.00	0.00080
90.00	-150.00	0.00081	100.00	-150.00	0.00082
-100.00	-140.00	0.00017	-90.00	-140.00	0.00020
-80.00	-140.00	0.00022	-70.00	-140.00	0.00024
-60.00	-140.00	0.00026	-50.00	-140.00	0.00029
-40.00	-140.00	0.00032	-30.00	-140.00	0.00036
-25.00	-140.00	0.00038	-20.00	-140.00	0.00040
-17.00	-140.00	0.00042	-15.00	-140.00	0.00043
-13.00	-140.00	0.00044	-11.00	-140.00	0.00045
-9.00	-140.00	0.00047	9.00	-140.00	0.00055
11.00	-140.00	0.00056	13.00	-140.00	0.00057
15.00	-140.00	0.00058	17.00	-140.00	0.00059
20.00	-140.00	0.00061	25.00	-140.00	0.00064
30.00	-140.00	0.00067	40.00	-140.00	0.00075
50.00	-140.00	0.00081	60.00	-140.00	0.00087
70.00	-140.00	0.00090	80.00	-140.00	0.00092
90.00	-140.00	0.00093	100.00	-140.00	0.00094
-100.00	-130.00	0.00018	-90.00	-130.00	0.00020
-80.00	-130.00	0.00023	-70.00	-130.00	0.00026
-60.00	-130.00	0.00029	-50.00	-130.00	0.00032
-40.00	-130.00	0.00035	-30.00	-130.00	0.00039
-25.00	-130.00	0.00042	-20.00	-130.00	0.00045
-17.00	-130.00	0.00047	-15.00	-130.00	0.00048
-13.00	-130.00	0.00050	-11.00	-130.00	0.00051
-9.00	-130.00	0.00053	9.00	-130.00	0.00063
11.00	-130.00	0.00064	13.00	-130.00	0.00065
15.00	-130.00	0.00067	17.00	-130.00	0.00068
20.00	-130.00	0.00071	25.00	-130.00	0.00075
30.00	-130.00	0.00080	40.00	-130.00	0.00089
50.00	-130.00	0.00096	60.00	-130.00	0.00102
70.00	-130.00	0.00105	80.00	-130.00	0.00107
90.00	-130.00	0.00108	100.00	-130.00	0.00107
-100.00	-120.00	0.00018	-90.00	-120.00	0.00021
-80.00	-120.00	0.00024	-70.00	-120.00	0.00028
-60.00	-120.00	0.00032	-50.00	-120.00	0.00035
-40.00	-120.00	0.00039	-30.00	-120.00	0.00044
-25.00	-120.00	0.00047	-20.00	-120.00	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00053	-15.00	-120.00	0.00054
-13.00	-120.00	0.00056	-11.00	-120.00	0.00058
-9.00	-120.00	0.00060	9.00	-120.00	0.00073
11.00	-120.00	0.00075	13.00	-120.00	0.00077
15.00	-120.00	0.00079	17.00	-120.00	0.00081
20.00	-120.00	0.00084	25.00	-120.00	0.00090
30.00	-120.00	0.00095	40.00	-120.00	0.00107
50.00	-120.00	0.00115	60.00	-120.00	0.00121
70.00	-120.00	0.00125	80.00	-120.00	0.00126
90.00	-120.00	0.00125	100.00	-120.00	0.00122
-100.00	-110.00	0.00019	-90.00	-110.00	0.00022
-80.00	-110.00	0.00025	-70.00	-110.00	0.00029
-60.00	-110.00	0.00034	-50.00	-110.00	0.00039
-40.00	-110.00	0.00043	-30.00	-110.00	0.00049
-25.00	-110.00	0.00053	-20.00	-110.00	0.00057
-17.00	-110.00	0.00060	-15.00	-110.00	0.00062
-13.00	-110.00	0.00064	-11.00	-110.00	0.00066
-9.00	-110.00	0.00068	9.00	-110.00	0.00086
11.00	-110.00	0.00088	13.00	-110.00	0.00091
15.00	-110.00	0.00094	17.00	-110.00	0.00096
20.00	-110.00	0.00101	25.00	-110.00	0.00109
30.00	-110.00	0.00117	40.00	-110.00	0.00130
50.00	-110.00	0.00140	60.00	-110.00	0.00146
70.00	-110.00	0.00149	80.00	-110.00	0.00148
90.00	-110.00	0.00144	100.00	-110.00	0.00138
-100.00	-100.00	0.00019	-90.00	-100.00	0.00022
-80.00	-100.00	0.00026	-70.00	-100.00	0.00030
-60.00	-100.00	0.00036	-50.00	-100.00	0.00042
-40.00	-100.00	0.00049	-30.00	-100.00	0.00055
-25.00	-100.00	0.00059	-20.00	-100.00	0.00064
-17.00	-100.00	0.00068	-15.00	-100.00	0.00070
-13.00	-100.00	0.00073	-11.00	-100.00	0.00076
-9.00	-100.00	0.00079	9.00	-100.00	0.00103
11.00	-100.00	0.00106	13.00	-100.00	0.00110
15.00	-100.00	0.00114	17.00	-100.00	0.00118
20.00	-100.00	0.00124	25.00	-100.00	0.00135
30.00	-100.00	0.00145	40.00	-100.00	0.00162



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00173	60.00	-100.00	0.00178
70.00	-100.00	0.00178	80.00	-100.00	0.00173
90.00	-100.00	0.00165	100.00	-100.00	0.00155

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 69

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00020	-90.00	-90.00	0.00023
-80.00	-90.00	0.00027	-70.00	-90.00	0.00032
-60.00	-90.00	0.00038	-50.00	-90.00	0.00045
-40.00	-90.00	0.00054	-30.00	-90.00	0.00062
-25.00	-90.00	0.00067	-20.00	-90.00	0.00073
-17.00	-90.00	0.00077	-15.00	-90.00	0.00080
-13.00	-90.00	0.00083	-11.00	-90.00	0.00087
-9.00	-90.00	0.00091	9.00	-90.00	0.00125
11.00	-90.00	0.00130	13.00	-90.00	0.00136
15.00	-90.00	0.00142	17.00	-90.00	0.00148
20.00	-90.00	0.00157	25.00	-90.00	0.00172
30.00	-90.00	0.00185	40.00	-90.00	0.00205
50.00	-90.00	0.00216	60.00	-90.00	0.00217
70.00	-90.00	0.00211	80.00	-90.00	0.00199
90.00	-90.00	0.00185	100.00	-90.00	0.00170
-100.00	-80.00	0.00021	-90.00	-80.00	0.00024
-80.00	-80.00	0.00029	-70.00	-80.00	0.00034
-60.00	-80.00	0.00040	-50.00	-80.00	0.00047
-40.00	-80.00	0.00058	-30.00	-80.00	0.00070
-25.00	-80.00	0.00076	-20.00	-80.00	0.00083
-17.00	-80.00	0.00087	-15.00	-80.00	0.00091
-13.00	-80.00	0.00095	-11.00	-80.00	0.00100
-9.00	-80.00	0.00105	9.00	-80.00	0.00156
11.00	-80.00	0.00164	13.00	-80.00	0.00173
15.00	-80.00	0.00182	17.00	-80.00	0.00192
20.00	-80.00	0.00205	25.00	-80.00	0.00226
30.00	-80.00	0.00243	40.00	-80.00	0.00266
50.00	-80.00	0.00271	60.00	-80.00	0.00261
70.00	-80.00	0.00244	80.00	-80.00	0.00224
90.00	-80.00	0.00203	100.00	-80.00	0.00182
-100.00	-70.00	0.00022	-90.00	-70.00	0.00026

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00030	-70.00	-70.00	0.00036
-60.00	-70.00	0.00042	-50.00	-70.00	0.00051
-40.00	-70.00	0.00061	-30.00	-70.00	0.00076
-25.00	-70.00	0.00084	-20.00	-70.00	0.00094
-17.00	-70.00	0.00100	-15.00	-70.00	0.00104
-13.00	-70.00	0.00109	-11.00	-70.00	0.00114
-9.00	-70.00	0.00120	9.00	-70.00	0.00202
11.00	-70.00	0.00217	13.00	-70.00	0.00231
15.00	-70.00	0.00246	17.00	-70.00	0.00261

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00281	25.00	-70.00	0.00310
30.00	-70.00	0.00330	40.00	-70.00	0.00344
50.00	-70.00	0.00331	60.00	-70.00	0.00305
70.00	-70.00	0.00274	80.00	-70.00	0.00244
90.00	-70.00	0.00216	100.00	-70.00	0.00191
-100.00	-60.00	0.00024	-90.00	-60.00	0.00028
-80.00	-60.00	0.00032	-70.00	-60.00	0.00038
-60.00	-60.00	0.00045	-50.00	-60.00	0.00054
-40.00	-60.00	0.00066	-30.00	-60.00	0.00081
-25.00	-60.00	0.00091	-20.00	-60.00	0.00102
-17.00	-60.00	0.00111	-15.00	-60.00	0.00117
-13.00	-60.00	0.00124	-11.00	-60.00	0.00131
-9.00	-60.00	0.00139	9.00	-60.00	0.00285
11.00	-60.00	0.00311	13.00	-60.00	0.00337
15.00	-60.00	0.00361	17.00	-60.00	0.00382
20.00	-60.00	0.00409	25.00	-60.00	0.00435
30.00	-60.00	0.00443	40.00	-60.00	0.00424
50.00	-60.00	0.00384	60.00	-60.00	0.00340
70.00	-60.00	0.00297	80.00	-60.00	0.00259
90.00	-60.00	0.00224	100.00	-60.00	0.00195
-100.00	-50.00	0.00027	-90.00	-50.00	0.00031
-80.00	-50.00	0.00036	-70.00	-50.00	0.00042
-60.00	-50.00	0.00050	-50.00	-50.00	0.00060
-40.00	-50.00	0.00073	-30.00	-50.00	0.00088
-25.00	-50.00	0.00099	-20.00	-50.00	0.00111

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00120	-15.00	-50.00	0.00127
-13.00	-50.00	0.00136	-11.00	-50.00	0.00146
-9.00	-50.00	0.00158	9.00	-50.00	0.00483
11.00	-50.00	0.00515	13.00	-50.00	0.00538
15.00	-50.00	0.00553	17.00	-50.00	0.00563
20.00	-50.00	0.00569	25.00	-50.00	0.00562
30.00	-50.00	0.00543	40.00	-50.00	0.00485
50.00	-50.00	0.00422	60.00	-50.00	0.00362
70.00	-50.00	0.00310	80.00	-50.00	0.00265
90.00	-50.00	0.00226	100.00	-50.00	0.00193
-100.00	-40.00	0.00031	-90.00	-40.00	0.00035
-80.00	-40.00	0.00041	-70.00	-40.00	0.00048
-60.00	-40.00	0.00058	-50.00	-40.00	0.00070
-40.00	-40.00	0.00086	-30.00	-40.00	0.00107
-25.00	-40.00	0.00120	-20.00	-40.00	0.00136

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00148	-15.00	-40.00	0.00158
-13.00	-40.00	0.00170	-11.00	-40.00	0.00185
-9.00	-40.00	0.00206	9.00	-40.00	0.00646
11.00	-40.00	0.00653	13.00	-40.00	0.00657
15.00	-40.00	0.00659	17.00	-40.00	0.00658
20.00	-40.00	0.00650	25.00	-40.00	0.00625
30.00	-40.00	0.00591	40.00	-40.00	0.00513
50.00	-40.00	0.00437	60.00	-40.00	0.00369
70.00	-40.00	0.00310	80.00	-40.00	0.00261
90.00	-40.00	0.00219	100.00	-40.00	0.00185
-100.00	-30.00	0.00036	-90.00	-30.00	0.00041
-80.00	-30.00	0.00048	-70.00	-30.00	0.00056
-60.00	-30.00	0.00068	-50.00	-30.00	0.00084
-40.00	-30.00	0.00105	-30.00	-30.00	0.00134
-25.00	-30.00	0.00152	-20.00	-30.00	0.00176
-17.00	-30.00	0.00192	-15.00	-30.00	0.00206
-13.00	-30.00	0.00221	-11.00	-30.00	0.00239
-9.00	-30.00	0.00260	9.00	-30.00	0.00661
11.00	-30.00	0.00666	13.00	-30.00	0.00670

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00671	17.00	-30.00	0.00670
20.00	-30.00	0.00661	25.00	-30.00	0.00634
30.00	-30.00	0.00597	40.00	-30.00	0.00513
50.00	-30.00	0.00432	60.00	-30.00	0.00360
70.00	-30.00	0.00298	80.00	-30.00	0.00248
90.00	-30.00	0.00206	100.00	-30.00	0.00172
-100.00	-20.00	0.00041	-90.00	-20.00	0.00047
-80.00	-20.00	0.00055	-70.00	-20.00	0.00066
-60.00	-20.00	0.00079	-50.00	-20.00	0.00098
-40.00	-20.00	0.00124	-30.00	-20.00	0.00159
-25.00	-20.00	0.00180	-20.00	-20.00	0.00206
-17.00	-20.00	0.00223	-15.00	-20.00	0.00236
-13.00	-20.00	0.00250	-11.00	-20.00	0.00265
-9.00	-20.00	0.00283	9.00	-20.00	0.00661
11.00	-20.00	0.00665	13.00	-20.00	0.00668
15.00	-20.00	0.00668	17.00	-20.00	0.00664
20.00	-20.00	0.00653	25.00	-20.00	0.00623
30.00	-20.00	0.00584	40.00	-20.00	0.00496
50.00	-20.00	0.00412	60.00	-20.00	0.00338
70.00	-20.00	0.00276	80.00	-20.00	0.00226
90.00	-20.00	0.00186	100.00	-20.00	0.00154

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 72

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00045	-90.00	-10.00	0.00053
-80.00	-10.00	0.00063	-70.00	-10.00	0.00075
-60.00	-10.00	0.00091	-50.00	-10.00	0.00111
-40.00	-10.00	0.00139	-30.00	-10.00	0.00176
-25.00	-10.00	0.00198	-20.00	-10.00	0.00222
-17.00	-10.00	0.00238	-15.00	-10.00	0.00249
-13.00	-10.00	0.00260	-11.00	-10.00	0.00272
-9.00	-10.00	0.00287	9.00	-10.00	0.00650
11.00	-10.00	0.00653	13.00	-10.00	0.00655
15.00	-10.00	0.00653	17.00	-10.00	0.00648
20.00	-10.00	0.00635	25.00	-10.00	0.00601
30.00	-10.00	0.00558	40.00	-10.00	0.00466
50.00	-10.00	0.00379	60.00	-10.00	0.00306

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00246	80.00	-10.00	0.00199
90.00	-10.00	0.00162	100.00	-10.00	0.00134
-100.00	0.00	0.00050	-90.00	0.00	0.00059
-80.00	0.00	0.00069	-70.00	0.00	0.00083
-60.00	0.00	0.00100	-50.00	0.00	0.00122
-40.00	0.00	0.00149	-30.00	0.00	0.00185
-25.00	0.00	0.00206	-20.00	0.00	0.00228
-17.00	0.00	0.00241	-15.00	0.00	0.00250
-13.00	0.00	0.00259	-11.00	0.00	0.00270
-9.00	0.00	0.00283	9.00	0.00	0.00630
11.00	0.00	0.00631	13.00	0.00	0.00631
15.00	0.00	0.00627	17.00	0.00	0.00620
20.00	0.00	0.00603	25.00	0.00	0.00565
30.00	0.00	0.00518	40.00	0.00	0.00420
50.00	0.00	0.00333	60.00	0.00	0.00262
70.00	0.00	0.00208	80.00	0.00	0.00167
90.00	0.00	0.00136	100.00	0.00	0.00113
-100.00	10.00	0.00054	-90.00	10.00	0.00063
-80.00	10.00	0.00075	-70.00	10.00	0.00089
-60.00	10.00	0.00107	-50.00	10.00	0.00129
-40.00	10.00	0.00156	-30.00	10.00	0.00188
-25.00	10.00	0.00206	-20.00	10.00	0.00225
-17.00	10.00	0.00236	-15.00	10.00	0.00244
-13.00	10.00	0.00252	-11.00	10.00	0.00261
-9.00	10.00	0.00272	9.00	10.00	0.00599
11.00	10.00	0.00597	13.00	10.00	0.00593
15.00	10.00	0.00585	17.00	10.00	0.00575

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00554	25.00	10.00	0.00508
30.00	10.00	0.00457	40.00	10.00	0.00356
50.00	10.00	0.00273	60.00	10.00	0.00211
70.00	10.00	0.00167	80.00	10.00	0.00135
90.00	10.00	0.00111	100.00	10.00	0.00092
-100.00	20.00	0.00057	-90.00	20.00	0.00067
-80.00	20.00	0.00079	-70.00	20.00	0.00093

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00111	-50.00	20.00	0.00133
-40.00	20.00	0.00159	-30.00	20.00	0.00188
-25.00	20.00	0.00202	-20.00	20.00	0.00217
-17.00	20.00	0.00226	-15.00	20.00	0.00232
-13.00	20.00	0.00239	-11.00	20.00	0.00246
-9.00	20.00	0.00256	9.00	20.00	0.00550
11.00	20.00	0.00541	13.00	20.00	0.00531
15.00	20.00	0.00518	17.00	20.00	0.00502
20.00	20.00	0.00474	25.00	20.00	0.00420
30.00	20.00	0.00365	40.00	20.00	0.00271
50.00	20.00	0.00205	60.00	20.00	0.00159
70.00	20.00	0.00127	80.00	20.00	0.00104
90.00	20.00	0.00087	100.00	20.00	0.00073
-100.00	30.00	0.00060	-90.00	30.00	0.00069
-80.00	30.00	0.00081	-70.00	30.00	0.00095
-60.00	30.00	0.00113	-50.00	30.00	0.00134
-40.00	30.00	0.00159	-30.00	30.00	0.00184
-25.00	30.00	0.00197	-20.00	30.00	0.00208
-17.00	30.00	0.00214	-15.00	30.00	0.00218
-13.00	30.00	0.00223	-11.00	30.00	0.00228
-9.00	30.00	0.00235	9.00	30.00	0.00463
11.00	30.00	0.00442	13.00	30.00	0.00420
15.00	30.00	0.00398	17.00	30.00	0.00375
20.00	30.00	0.00340	25.00	30.00	0.00288
30.00	30.00	0.00244	40.00	30.00	0.00182
50.00	30.00	0.00141	60.00	30.00	0.00112
70.00	30.00	0.00092	80.00	30.00	0.00077
90.00	30.00	0.00066	100.00	30.00	0.00057
-100.00	40.00	0.00060	-90.00	40.00	0.00069
-80.00	40.00	0.00081	-70.00	40.00	0.00094
-60.00	40.00	0.00111	-50.00	40.00	0.00131
-40.00	40.00	0.00153	-30.00	40.00	0.00176
-25.00	40.00	0.00187	-20.00	40.00	0.00197

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00202	-15.00	40.00	0.00205

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00207	-11.00	40.00	0.00210
-9.00	40.00	0.00213	9.00	40.00	0.00259
11.00	40.00	0.00231	13.00	40.00	0.00212
15.00	40.00	0.00198	17.00	40.00	0.00186
20.00	40.00	0.00171	25.00	40.00	0.00151
30.00	40.00	0.00134	40.00	40.00	0.00108
50.00	40.00	0.00089	60.00	40.00	0.00075
70.00	40.00	0.00064	80.00	40.00	0.00055
90.00	40.00	0.00048	100.00	40.00	0.00043
-100.00	50.00	0.00059	-90.00	50.00	0.00067
-80.00	50.00	0.00078	-70.00	50.00	0.00090
-60.00	50.00	0.00105	-50.00	50.00	0.00121
-40.00	50.00	0.00139	-30.00	50.00	0.00156
-25.00	50.00	0.00163	-20.00	50.00	0.00168
-17.00	50.00	0.00169	-15.00	50.00	0.00169
-13.00	50.00	0.00167	-11.00	50.00	0.00164
-9.00	50.00	0.00158	9.00	50.00	0.00085
11.00	50.00	0.00084	13.00	50.00	0.00083
15.00	50.00	0.00082	17.00	50.00	0.00081
20.00	50.00	0.00079	25.00	50.00	0.00075
30.00	50.00	0.00071	40.00	50.00	0.00063
50.00	50.00	0.00056	60.00	50.00	0.00050
70.00	50.00	0.00044	80.00	50.00	0.00040
90.00	50.00	0.00036	100.00	50.00	0.00032
-100.00	60.00	0.00056	-90.00	60.00	0.00064
-80.00	60.00	0.00073	-70.00	60.00	0.00083
-60.00	60.00	0.00094	-50.00	60.00	0.00106
-40.00	60.00	0.00117	-30.00	60.00	0.00125
-25.00	60.00	0.00126	-20.00	60.00	0.00123
-17.00	60.00	0.00119	-15.00	60.00	0.00115
-13.00	60.00	0.00109	-11.00	60.00	0.00103
-9.00	60.00	0.00095	9.00	60.00	0.00058
11.00	60.00	0.00057	13.00	60.00	0.00056
15.00	60.00	0.00055	17.00	60.00	0.00054
20.00	60.00	0.00052	25.00	60.00	0.00049
30.00	60.00	0.00047	40.00	60.00	0.00043
50.00	60.00	0.00039	60.00	60.00	0.00036
70.00	60.00	0.00032	80.00	60.00	0.00030
90.00	60.00	0.00027	100.00	60.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00053	-90.00	70.00	0.00059	
-80.00	70.00	0.00066	-70.00	70.00	0.00074	
-60.00	70.00	0.00082	-50.00	70.00	0.00089	
-40.00	70.00	0.00094	-30.00	70.00	0.00094	
-25.00	70.00	0.00091	-20.00	70.00	0.00085	
-17.00	70.00	0.00080	-15.00	70.00	0.00076	
-13.00	70.00	0.00071	-11.00	70.00	0.00067	
-9.00	70.00	0.00062	9.00	70.00	0.00042	
11.00	70.00	0.00042	13.00	70.00	0.00041	
15.00	70.00	0.00041	17.00	70.00	0.00040	
20.00	70.00	0.00039	25.00	70.00	0.00038	
30.00	70.00	0.00036	40.00	70.00	0.00032	
50.00	70.00	0.00029	60.00	70.00	0.00027	
70.00	70.00	0.00025	80.00	70.00	0.00023	
90.00	70.00	0.00021	100.00	70.00	0.00020	
-100.00	80.00	0.00048	-90.00	80.00	0.00054	
-80.00	80.00	0.00059	-70.00	80.00	0.00064	
-60.00	80.00	0.00069	-50.00	80.00	0.00073	
-40.00	80.00	0.00073	-30.00	80.00	0.00070	
-25.00	80.00	0.00065	-20.00	80.00	0.00059	
-17.00	80.00	0.00055	-15.00	80.00	0.00052	
-13.00	80.00	0.00049	-11.00	80.00	0.00047	
-9.00	80.00	0.00044	9.00	80.00	0.00033	
11.00	80.00	0.00032	13.00	80.00	0.00032	
15.00	80.00	0.00031	17.00	80.00	0.00031	
20.00	80.00	0.00030	25.00	80.00	0.00030	
30.00	80.00	0.00029	40.00	80.00	0.00026	
50.00	80.00	0.00023	60.00	80.00	0.00021	
70.00	80.00	0.00020	80.00	80.00	0.00019	
90.00	80.00	0.00017	100.00	80.00	0.00016	
-100.00	90.00	0.00044	-90.00	90.00	0.00048	
-80.00	90.00	0.00052	-70.00	90.00	0.00055	
-60.00	90.00	0.00058	-50.00	90.00	0.00059	
-40.00	90.00	0.00057	-30.00	90.00	0.00052	
-25.00	90.00	0.00047	-20.00	90.00	0.00043	
-17.00	90.00	0.00040	-15.00	90.00	0.00038	
-13.00	90.00	0.00037	-11.00	90.00	0.00035	
-9.00	90.00	0.00034	9.00	90.00	0.00026	
11.00	90.00	0.00026	13.00	90.00	0.00025	



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00 90.00 0.00025 17.00 90.00 0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00024	25.00	90.00	0.00024
30.00	90.00	0.00023	40.00	90.00	0.00022
50.00	90.00	0.00020	60.00	90.00	0.00018
70.00	90.00	0.00016	80.00	90.00	0.00015
90.00	90.00	0.00014	100.00	90.00	0.00013
-100.00	100.00	0.00040	-90.00	100.00	0.00042
-80.00	100.00	0.00045	-70.00	100.00	0.00047
-60.00	100.00	0.00048	-50.00	100.00	0.00047
-40.00	100.00	0.00044	-30.00	100.00	0.00039
-25.00	100.00	0.00035	-20.00	100.00	0.00032
-17.00	100.00	0.00031	-15.00	100.00	0.00030
-13.00	100.00	0.00029	-11.00	100.00	0.00028
-9.00	100.00	0.00027	9.00	100.00	0.00021
11.00	100.00	0.00021	13.00	100.00	0.00021
15.00	100.00	0.00021	17.00	100.00	0.00020
20.00	100.00	0.00020	25.00	100.00	0.00019
30.00	100.00	0.00019	40.00	100.00	0.00018
50.00	100.00	0.00017	60.00	100.00	0.00015
70.00	100.00	0.00014	80.00	100.00	0.00013
90.00	100.00	0.00012	100.00	100.00	0.00011
-100.00	110.00	0.00035	-90.00	110.00	0.00037
-80.00	110.00	0.00039	-70.00	110.00	0.00040
-60.00	110.00	0.00040	-50.00	110.00	0.00038
-40.00	110.00	0.00035	-30.00	110.00	0.00030
-25.00	110.00	0.00028	-20.00	110.00	0.00026
-17.00	110.00	0.00024	-15.00	110.00	0.00024
-13.00	110.00	0.00023	-11.00	110.00	0.00022
-9.00	110.00	0.00022	9.00	110.00	0.00018
11.00	110.00	0.00017	13.00	110.00	0.00017
15.00	110.00	0.00017	17.00	110.00	0.00017
20.00	110.00	0.00017	25.00	110.00	0.00016
30.00	110.00	0.00016	40.00	110.00	0.00015
50.00	110.00	0.00014	60.00	110.00	0.00013

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00012	80.00	110.00	0.00012
90.00	110.00	0.00011	100.00	110.00	0.00010
-100.00	120.00	0.00031	-90.00	120.00	0.00032
-80.00	120.00	0.00033	-70.00	120.00	0.00034
-60.00	120.00	0.00033	-50.00	120.00	0.00031
-40.00	120.00	0.00027	-30.00	120.00	0.00024
-25.00	120.00	0.00022	-20.00	120.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00020	-15.00	120.00	0.00019
-13.00	120.00	0.00019	-11.00	120.00	0.00018
-9.00	120.00	0.00018	9.00	120.00	0.00015
11.00	120.00	0.00015	13.00	120.00	0.00015
15.00	120.00	0.00014	17.00	120.00	0.00014
20.00	120.00	0.00014	25.00	120.00	0.00014
30.00	120.00	0.00014	40.00	120.00	0.00013
50.00	120.00	0.00012	60.00	120.00	0.00012
70.00	120.00	0.00011	80.00	120.00	0.00010
90.00	120.00	0.00010	100.00	120.00	0.00009
-100.00	130.00	0.00028	-90.00	130.00	0.00028
-80.00	130.00	0.00029	-70.00	130.00	0.00028
-60.00	130.00	0.00027	-50.00	130.00	0.00025
-40.00	130.00	0.00022	-30.00	130.00	0.00019
-25.00	130.00	0.00018	-20.00	130.00	0.00017
-17.00	130.00	0.00017	-15.00	130.00	0.00016
-13.00	130.00	0.00016	-11.00	130.00	0.00015
-9.00	130.00	0.00015	9.00	130.00	0.00013
11.00	130.00	0.00013	13.00	130.00	0.00012
15.00	130.00	0.00012	17.00	130.00	0.00012
20.00	130.00	0.00012	25.00	130.00	0.00012
30.00	130.00	0.00012	40.00	130.00	0.00011
50.00	130.00	0.00011	60.00	130.00	0.00010
70.00	130.00	0.00010	80.00	130.00	0.00009
90.00	130.00	0.00009	100.00	130.00	0.00008
-100.00	140.00	0.00024	-90.00	140.00	0.00025
-80.00	140.00	0.00025	-70.00	140.00	0.00024

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00023	-50.00	140.00	0.00020
-40.00	140.00	0.00018	-30.00	140.00	0.00016
-25.00	140.00	0.00015	-20.00	140.00	0.00015
-17.00	140.00	0.00014	-15.00	140.00	0.00014
-13.00	140.00	0.00013	-11.00	140.00	0.00013
-9.00	140.00	0.00013	9.00	140.00	0.00011
11.00	140.00	0.00011	13.00	140.00	0.00011
15.00	140.00	0.00011	17.00	140.00	0.00011
20.00	140.00	0.00011	25.00	140.00	0.00010
30.00	140.00	0.00010	40.00	140.00	0.00010
50.00	140.00	0.00009	60.00	140.00	0.00009
70.00	140.00	0.00009	80.00	140.00	0.00008
90.00	140.00	0.00008	100.00	140.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00022
-80.00	150.00	0.00021	-70.00	150.00	0.00020
-60.00	150.00	0.00019	-50.00	150.00	0.00017
-40.00	150.00	0.00015	-30.00	150.00	0.00014
-25.00	150.00	0.00013	-20.00	150.00	0.00013
-17.00	150.00	0.00012	-15.00	150.00	0.00012
-13.00	150.00	0.00012	-11.00	150.00	0.00011
-9.00	150.00	0.00011	9.00	150.00	0.00010
11.00	150.00	0.00009	13.00	150.00	0.00009
15.00	150.00	0.00009	17.00	150.00	0.00009
20.00	150.00	0.00009	25.00	150.00	0.00009
30.00	150.00	0.00009	40.00	150.00	0.00009
50.00	150.00	0.00008	60.00	150.00	0.00008
70.00	150.00	0.00008	80.00	150.00	0.00007
90.00	150.00	0.00007	100.00	150.00	0.00007
-100.00	160.00	0.00019	-90.00	160.00	0.00019
-80.00	160.00	0.00018	-70.00	160.00	0.00017
-60.00	160.00	0.00016	-50.00	160.00	0.00014
-40.00	160.00	0.00013	-30.00	160.00	0.00012
-25.00	160.00	0.00011	-20.00	160.00	0.00011
-17.00	160.00	0.00011	-15.00	160.00	0.00010

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00010	-11.00	160.00	0.00010
-9.00	160.00	0.00010	9.00	160.00	0.00008
11.00	160.00	0.00008	13.00	160.00	0.00008
15.00	160.00	0.00008	17.00	160.00	0.00008
20.00	160.00	0.00008	25.00	160.00	0.00008
30.00	160.00	0.00008	40.00	160.00	0.00008
50.00	160.00	0.00007	60.00	160.00	0.00007
70.00	160.00	0.00007	80.00	160.00	0.00007
90.00	160.00	0.00006	100.00	160.00	0.00006
-100.00	170.00	0.00017	-90.00	170.00	0.00017
-80.00	170.00	0.00016	-70.00	170.00	0.00015
-60.00	170.00	0.00014	-50.00	170.00	0.00012
-40.00	170.00	0.00011	-30.00	170.00	0.00010
-25.00	170.00	0.00010	-20.00	170.00	0.00010
-17.00	170.00	0.00009	-15.00	170.00	0.00009
-13.00	170.00	0.00009	-11.00	170.00	0.00009
-9.00	170.00	0.00008	9.00	170.00	0.00007
11.00	170.00	0.00007	13.00	170.00	0.00007
15.00	170.00	0.00007	17.00	170.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00007	25.00	170.00	0.00007
30.00	170.00	0.00007	40.00	170.00	0.00007
50.00	170.00	0.00007	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00006
90.00	170.00	0.00006	100.00	170.00	0.00006
-100.00	180.00	0.00015	-90.00	180.00	0.00015
-80.00	180.00	0.00014	-70.00	180.00	0.00013
-60.00	180.00	0.00012	-50.00	180.00	0.00011
-40.00	180.00	0.00010	-30.00	180.00	0.00009
-25.00	180.00	0.00009	-20.00	180.00	0.00008
-17.00	180.00	0.00008	-15.00	180.00	0.00008
-13.00	180.00	0.00008	-11.00	180.00	0.00008
-9.00	180.00	0.00008	9.00	180.00	0.00007
11.00	180.00	0.00007	13.00	180.00	0.00007
15.00	180.00	0.00007	17.00	180.00	0.00007

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00007	25.00	180.00	0.00006
30.00	180.00	0.00006	40.00	180.00	0.00006
50.00	180.00	0.00006	60.00	180.00	0.00006
70.00	180.00	0.00006	80.00	180.00	0.00005
90.00	180.00	0.00005	100.00	180.00	0.00005
-100.00	190.00	0.00013	-90.00	190.00	0.00013
-80.00	190.00	0.00012	-70.00	190.00	0.00011
-60.00	190.00	0.00010	-50.00	190.00	0.00009
-40.00	190.00	0.00009	-30.00	190.00	0.00008
-25.00	190.00	0.00008	-20.00	190.00	0.00007
-17.00	190.00	0.00007	-15.00	190.00	0.00007
-13.00	190.00	0.00007	-11.00	190.00	0.00007
-9.00	190.00	0.00007	9.00	190.00	0.00006
11.00	190.00	0.00006	13.00	190.00	0.00006
15.00	190.00	0.00006	17.00	190.00	0.00006
20.00	190.00	0.00006	25.00	190.00	0.00006
30.00	190.00	0.00006	40.00	190.00	0.00006
50.00	190.00	0.00005	60.00	190.00	0.00005
70.00	190.00	0.00005	80.00	190.00	0.00005
90.00	190.00	0.00005	100.00	190.00	0.00005
-100.00	200.00	0.00012	-90.00	200.00	0.00011
-80.00	200.00	0.00010	-70.00	200.00	0.00010
-60.00	200.00	0.00009	-50.00	200.00	0.00008
-40.00	200.00	0.00008	-30.00	200.00	0.00007
-25.00	200.00	0.00007	-20.00	200.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00007	-15.00	200.00	0.00006
-13.00	200.00	0.00006	-11.00	200.00	0.00006
-9.00	200.00	0.00006	9.00	200.00	0.00005
11.00	200.00	0.00005	13.00	200.00	0.00005
15.00	200.00	0.00005	17.00	200.00	0.00005
20.00	200.00	0.00005	25.00	200.00	0.00005
30.00	200.00	0.00005	40.00	200.00	0.00005
50.00	200.00	0.00005	60.00	200.00	0.00005
70.00	200.00	0.00005	80.00	200.00	0.00004

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00010	-90.00	210.00	0.00010
-80.00	210.00	0.00009	-70.00	210.00	0.00008
-60.00	210.00	0.00008	-50.00	210.00	0.00007
-40.00	210.00	0.00007	-30.00	210.00	0.00007
-25.00	210.00	0.00006	-20.00	210.00	0.00006
-17.00	210.00	0.00006	-15.00	210.00	0.00006
-13.00	210.00	0.00006	-11.00	210.00	0.00006
-9.00	210.00	0.00005	9.00	210.00	0.00005
11.00	210.00	0.00005	13.00	210.00	0.00005
15.00	210.00	0.00005	17.00	210.00	0.00005
20.00	210.00	0.00005	25.00	210.00	0.00005
30.00	210.00	0.00005	40.00	210.00	0.00005
50.00	210.00	0.00005	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00004
-100.00	220.00	0.00009	-90.00	220.00	0.00009
-80.00	220.00	0.00008	-70.00	220.00	0.00008
-60.00	220.00	0.00007	-50.00	220.00	0.00007
-40.00	220.00	0.00006	-30.00	220.00	0.00006
-25.00	220.00	0.00006	-20.00	220.00	0.00005
-17.00	220.00	0.00005	-15.00	220.00	0.00005
-13.00	220.00	0.00005	-11.00	220.00	0.00005
-9.00	220.00	0.00005	9.00	220.00	0.00005
11.00	220.00	0.00005	13.00	220.00	0.00004
15.00	220.00	0.00004	17.00	220.00	0.00004
20.00	220.00	0.00004	25.00	220.00	0.00004
30.00	220.00	0.00004	40.00	220.00	0.00004
50.00	220.00	0.00004	60.00	220.00	0.00004
70.00	220.00	0.00004	80.00	220.00	0.00004
90.00	220.00	0.00004	100.00	220.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00008	-90.00	230.00	0.00008
-80.00	230.00	0.00007	-70.00	230.00	0.00007
-60.00	230.00	0.00006	-50.00	230.00	0.00006

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00006	-30.00	230.00	0.00005
-25.00	230.00	0.00005	-20.00	230.00	0.00005
-17.00	230.00	0.00005	-15.00	230.00	0.00005
-13.00	230.00	0.00005	-11.00	230.00	0.00005
-9.00	230.00	0.00005	9.00	230.00	0.00004
11.00	230.00	0.00004	13.00	230.00	0.00004
15.00	230.00	0.00004	17.00	230.00	0.00004
20.00	230.00	0.00004	25.00	230.00	0.00004
30.00	230.00	0.00004	40.00	230.00	0.00004
50.00	230.00	0.00004	60.00	230.00	0.00004
70.00	230.00	0.00004	80.00	230.00	0.00004
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00007	-90.00	240.00	0.00007
-80.00	240.00	0.00006	-70.00	240.00	0.00006
-60.00	240.00	0.00006	-50.00	240.00	0.00005
-40.00	240.00	0.00005	-30.00	240.00	0.00005
-25.00	240.00	0.00005	-20.00	240.00	0.00005
-17.00	240.00	0.00004	-15.00	240.00	0.00004
-13.00	240.00	0.00004	-11.00	240.00	0.00004
-9.00	240.00	0.00004	9.00	240.00	0.00004
11.00	240.00	0.00004	13.00	240.00	0.00004
15.00	240.00	0.00004	17.00	240.00	0.00004
20.00	240.00	0.00004	25.00	240.00	0.00004
30.00	240.00	0.00004	40.00	240.00	0.00004
50.00	240.00	0.00004	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00003
90.00	240.00	0.00003	100.00	240.00	0.00003
-100.00	250.00	0.00007	-90.00	250.00	0.00006
-80.00	250.00	0.00006	-70.00	250.00	0.00006
-60.00	250.00	0.00005	-50.00	250.00	0.00005
-40.00	250.00	0.00005	-30.00	250.00	0.00004
-25.00	250.00	0.00004	-20.00	250.00	0.00004
-17.00	250.00	0.00004	-15.00	250.00	0.00004
-13.00	250.00	0.00004	-11.00	250.00	0.00004
-9.00	250.00	0.00004	9.00	250.00	0.00004
11.00	250.00	0.00004	13.00	250.00	0.00003
15.00	250.00	0.00003	17.00	250.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,





03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00058	40.00	-240.00	0.00064
50.00	-240.00	0.00069	60.00	-240.00	0.00074
70.00	-240.00	0.00078	80.00	-240.00	0.00080
90.00	-240.00	0.00081	100.00	-240.00	0.00082
-100.00	-230.00	0.00017	-90.00	-230.00	0.00020
-80.00	-230.00	0.00022	-70.00	-230.00	0.00024
-60.00	-230.00	0.00026	-50.00	-230.00	0.00029
-40.00	-230.00	0.00032	-30.00	-230.00	0.00036
-25.00	-230.00	0.00038	-20.00	-230.00	0.00040
-17.00	-230.00	0.00042	-15.00	-230.00	0.00043
-13.00	-230.00	0.00044	-11.00	-230.00	0.00045
-9.00	-230.00	0.00047	9.00	-230.00	0.00055
11.00	-230.00	0.00056	13.00	-230.00	0.00057
15.00	-230.00	0.00058	17.00	-230.00	0.00059

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00061	25.00	-230.00	0.00064
30.00	-230.00	0.00067	40.00	-230.00	0.00075
50.00	-230.00	0.00081	60.00	-230.00	0.00087
70.00	-230.00	0.00090	80.00	-230.00	0.00092
90.00	-230.00	0.00093	100.00	-230.00	0.00094
-100.00	-220.00	0.00018	-90.00	-220.00	0.00020
-80.00	-220.00	0.00023	-70.00	-220.00	0.00026
-60.00	-220.00	0.00029	-50.00	-220.00	0.00032
-40.00	-220.00	0.00035	-30.00	-220.00	0.00039
-25.00	-220.00	0.00042	-20.00	-220.00	0.00045
-17.00	-220.00	0.00047	-15.00	-220.00	0.00048
-13.00	-220.00	0.00050	-11.00	-220.00	0.00051
-9.00	-220.00	0.00053	9.00	-220.00	0.00063
11.00	-220.00	0.00064	13.00	-220.00	0.00065
15.00	-220.00	0.00067	17.00	-220.00	0.00068
20.00	-220.00	0.00071	25.00	-220.00	0.00075
30.00	-220.00	0.00080	40.00	-220.00	0.00089
50.00	-220.00	0.00096	60.00	-220.00	0.00102
70.00	-220.00	0.00105	80.00	-220.00	0.00107
90.00	-220.00	0.00108	100.00	-220.00	0.00107

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00018	-90.00	-210.00	0.00021
-80.00	-210.00	0.00024	-70.00	-210.00	0.00028
-60.00	-210.00	0.00032	-50.00	-210.00	0.00035
-40.00	-210.00	0.00039	-30.00	-210.00	0.00044
-25.00	-210.00	0.00047	-20.00	-210.00	0.00050
-17.00	-210.00	0.00053	-15.00	-210.00	0.00054
-13.00	-210.00	0.00056	-11.00	-210.00	0.00058
-9.00	-210.00	0.00060	9.00	-210.00	0.00073
11.00	-210.00	0.00075	13.00	-210.00	0.00077
15.00	-210.00	0.00079	17.00	-210.00	0.00081
20.00	-210.00	0.00084	25.00	-210.00	0.00090
30.00	-210.00	0.00095	40.00	-210.00	0.00107
50.00	-210.00	0.00115	60.00	-210.00	0.00121
70.00	-210.00	0.00125	80.00	-210.00	0.00126
90.00	-210.00	0.00125	100.00	-210.00	0.00122
-100.00	-200.00	0.00019	-90.00	-200.00	0.00022
-80.00	-200.00	0.00025	-70.00	-200.00	0.00029
-60.00	-200.00	0.00034	-50.00	-200.00	0.00039
-40.00	-200.00	0.00043	-30.00	-200.00	0.00049
-25.00	-200.00	0.00053	-20.00	-200.00	0.00057

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00060	-15.00	-200.00	0.00062
-13.00	-200.00	0.00064	-11.00	-200.00	0.00066
-9.00	-200.00	0.00068	9.00	-200.00	0.00086
11.00	-200.00	0.00088	13.00	-200.00	0.00091
15.00	-200.00	0.00094	17.00	-200.00	0.00096
20.00	-200.00	0.00101	25.00	-200.00	0.00109
30.00	-200.00	0.00117	40.00	-200.00	0.00130
50.00	-200.00	0.00140	60.00	-200.00	0.00146
70.00	-200.00	0.00149	80.00	-200.00	0.00148
90.00	-200.00	0.00144	100.00	-200.00	0.00138
-100.00	-190.00	0.00019	-90.00	-190.00	0.00022
-80.00	-190.00	0.00026	-70.00	-190.00	0.00030
-60.00	-190.00	0.00036	-50.00	-190.00	0.00042
-40.00	-190.00	0.00049	-30.00	-190.00	0.00055

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00059	-20.00	-190.00	0.00064
-17.00	-190.00	0.00068	-15.00	-190.00	0.00070
-13.00	-190.00	0.00073	-11.00	-190.00	0.00076
-9.00	-190.00	0.00079	9.00	-190.00	0.00103
11.00	-190.00	0.00106	13.00	-190.00	0.00110
15.00	-190.00	0.00114	17.00	-190.00	0.00118
20.00	-190.00	0.00124	25.00	-190.00	0.00135
30.00	-190.00	0.00145	40.00	-190.00	0.00162
50.00	-190.00	0.00173	60.00	-190.00	0.00178
70.00	-190.00	0.00178	80.00	-190.00	0.00173
90.00	-190.00	0.00165	100.00	-190.00	0.00155
-100.00	-180.00	0.00020	-90.00	-180.00	0.00023
-80.00	-180.00	0.00027	-70.00	-180.00	0.00032
-60.00	-180.00	0.00038	-50.00	-180.00	0.00045
-40.00	-180.00	0.00054	-30.00	-180.00	0.00062
-25.00	-180.00	0.00067	-20.00	-180.00	0.00073
-17.00	-180.00	0.00077	-15.00	-180.00	0.00080
-13.00	-180.00	0.00083	-11.00	-180.00	0.00087
-9.00	-180.00	0.00091	9.00	-180.00	0.00125
11.00	-180.00	0.00130	13.00	-180.00	0.00136
15.00	-180.00	0.00142	17.00	-180.00	0.00148
20.00	-180.00	0.00157	25.00	-180.00	0.00172
30.00	-180.00	0.00185	40.00	-180.00	0.00205
50.00	-180.00	0.00216	60.00	-180.00	0.00217
70.00	-180.00	0.00211	80.00	-180.00	0.00199
90.00	-180.00	0.00185	100.00	-180.00	0.00170

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
\*\*MODELOPTS:  
PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00021	-90.00	-170.00	0.00024
-80.00	-170.00	0.00029	-70.00	-170.00	0.00034
-60.00	-170.00	0.00040	-50.00	-170.00	0.00047
-40.00	-170.00	0.00058	-30.00	-170.00	0.00070
-25.00	-170.00	0.00076	-20.00	-170.00	0.00083
-17.00	-170.00	0.00087	-15.00	-170.00	0.00091
-13.00	-170.00	0.00095	-11.00	-170.00	0.00100
-9.00	-170.00	0.00105	9.00	-170.00	0.00156

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00164	13.00	-170.00	0.00173
15.00	-170.00	0.00182	17.00	-170.00	0.00192
20.00	-170.00	0.00205	25.00	-170.00	0.00226
30.00	-170.00	0.00243	40.00	-170.00	0.00266
50.00	-170.00	0.00271	60.00	-170.00	0.00261
70.00	-170.00	0.00244	80.00	-170.00	0.00224
90.00	-170.00	0.00203	100.00	-170.00	0.00182
-100.00	-160.00	0.00022	-90.00	-160.00	0.00026
-80.00	-160.00	0.00030	-70.00	-160.00	0.00036
-60.00	-160.00	0.00042	-50.00	-160.00	0.00051
-40.00	-160.00	0.00061	-30.00	-160.00	0.00076
-25.00	-160.00	0.00084	-20.00	-160.00	0.00094
-17.00	-160.00	0.00100	-15.00	-160.00	0.00104
-13.00	-160.00	0.00109	-11.00	-160.00	0.00114
-9.00	-160.00	0.00120	9.00	-160.00	0.00202
11.00	-160.00	0.00217	13.00	-160.00	0.00231
15.00	-160.00	0.00246	17.00	-160.00	0.00261
20.00	-160.00	0.00281	25.00	-160.00	0.00310
30.00	-160.00	0.00330	40.00	-160.00	0.00344
50.00	-160.00	0.00331	60.00	-160.00	0.00305
70.00	-160.00	0.00274	80.00	-160.00	0.00244
90.00	-160.00	0.00216	100.00	-160.00	0.00191
-100.00	-150.00	0.00024	-90.00	-150.00	0.00028
-80.00	-150.00	0.00032	-70.00	-150.00	0.00038
-60.00	-150.00	0.00045	-50.00	-150.00	0.00054
-40.00	-150.00	0.00066	-30.00	-150.00	0.00081
-25.00	-150.00	0.00091	-20.00	-150.00	0.00102
-17.00	-150.00	0.00111	-15.00	-150.00	0.00117
-13.00	-150.00	0.00124	-11.00	-150.00	0.00131
-9.00	-150.00	0.00139	9.00	-150.00	0.00285
11.00	-150.00	0.00311	13.00	-150.00	0.00337
15.00	-150.00	0.00361	17.00	-150.00	0.00382

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00409	25.00	-150.00	0.00435
30.00	-150.00	0.00443	40.00	-150.00	0.00424

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00384	60.00	-150.00	0.00340
70.00	-150.00	0.00297	80.00	-150.00	0.00259
90.00	-150.00	0.00224	100.00	-150.00	0.00195
-100.00	-140.00	0.00027	-90.00	-140.00	0.00031
-80.00	-140.00	0.00036	-70.00	-140.00	0.00042
-60.00	-140.00	0.00050	-50.00	-140.00	0.00060
-40.00	-140.00	0.00073	-30.00	-140.00	0.00088
-25.00	-140.00	0.00099	-20.00	-140.00	0.00111
-17.00	-140.00	0.00120	-15.00	-140.00	0.00127
-13.00	-140.00	0.00136	-11.00	-140.00	0.00146
-9.00	-140.00	0.00158	9.00	-140.00	0.00483
11.00	-140.00	0.00515	13.00	-140.00	0.00538
15.00	-140.00	0.00553	17.00	-140.00	0.00563
20.00	-140.00	0.00569	25.00	-140.00	0.00562
30.00	-140.00	0.00543	40.00	-140.00	0.00485
50.00	-140.00	0.00422	60.00	-140.00	0.00362
70.00	-140.00	0.00310	80.00	-140.00	0.00265
90.00	-140.00	0.00226	100.00	-140.00	0.00193
-100.00	-130.00	0.00031	-90.00	-130.00	0.00035
-80.00	-130.00	0.00041	-70.00	-130.00	0.00048
-60.00	-130.00	0.00058	-50.00	-130.00	0.00070
-40.00	-130.00	0.00086	-30.00	-130.00	0.00107
-25.00	-130.00	0.00120	-20.00	-130.00	0.00136
-17.00	-130.00	0.00148	-15.00	-130.00	0.00158
-13.00	-130.00	0.00170	-11.00	-130.00	0.00185
-9.00	-130.00	0.00206	9.00	-130.00	0.00646
11.00	-130.00	0.00653	13.00	-130.00	0.00657
15.00	-130.00	0.00659	17.00	-130.00	0.00658
20.00	-130.00	0.00650	25.00	-130.00	0.00625
30.00	-130.00	0.00591	40.00	-130.00	0.00513
50.00	-130.00	0.00437	60.00	-130.00	0.00369
70.00	-130.00	0.00310	80.00	-130.00	0.00261
90.00	-130.00	0.00219	100.00	-130.00	0.00185
-100.00	-120.00	0.00036	-90.00	-120.00	0.00041
-80.00	-120.00	0.00048	-70.00	-120.00	0.00056
-60.00	-120.00	0.00068	-50.00	-120.00	0.00084
-40.00	-120.00	0.00105	-30.00	-120.00	0.00134
-25.00	-120.00	0.00152	-20.00	-120.00	0.00176

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

03NCRA PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00192	-15.00	-120.00	0.00206	
-13.00	-120.00	0.00221	-11.00	-120.00	0.00239	
-9.00	-120.00	0.00260	9.00	-120.00	0.00661	
11.00	-120.00	0.00666	13.00	-120.00	0.00670	
15.00	-120.00	0.00671	17.00	-120.00	0.00670	
20.00	-120.00	0.00661	25.00	-120.00	0.00634	
30.00	-120.00	0.00597	40.00	-120.00	0.00513	
50.00	-120.00	0.00432	60.00	-120.00	0.00360	
70.00	-120.00	0.00298	80.00	-120.00	0.00248	
90.00	-120.00	0.00206	100.00	-120.00	0.00172	
-100.00	-110.00	0.00041	-90.00	-110.00	0.00047	
-80.00	-110.00	0.00055	-70.00	-110.00	0.00066	
-60.00	-110.00	0.00079	-50.00	-110.00	0.00098	
-40.00	-110.00	0.00124	-30.00	-110.00	0.00159	
-25.00	-110.00	0.00180	-20.00	-110.00	0.00206	
-17.00	-110.00	0.00223	-15.00	-110.00	0.00236	
-13.00	-110.00	0.00250	-11.00	-110.00	0.00265	
-9.00	-110.00	0.00283	9.00	-110.00	0.00661	
11.00	-110.00	0.00665	13.00	-110.00	0.00668	
15.00	-110.00	0.00668	17.00	-110.00	0.00664	
20.00	-110.00	0.00653	25.00	-110.00	0.00623	
30.00	-110.00	0.00584	40.00	-110.00	0.00496	
50.00	-110.00	0.00412	60.00	-110.00	0.00338	
70.00	-110.00	0.00276	80.00	-110.00	0.00226	
90.00	-110.00	0.00186	100.00	-110.00	0.00154	
-100.00	-100.00	0.00045	-90.00	-100.00	0.00053	
-80.00	-100.00	0.00063	-70.00	-100.00	0.00075	
-60.00	-100.00	0.00091	-50.00	-100.00	0.00111	
-40.00	-100.00	0.00139	-30.00	-100.00	0.00176	
-25.00	-100.00	0.00198	-20.00	-100.00	0.00222	
-17.00	-100.00	0.00238	-15.00	-100.00	0.00249	
-13.00	-100.00	0.00260	-11.00	-100.00	0.00272	
-9.00	-100.00	0.00287	9.00	-100.00	0.00650	
11.00	-100.00	0.00653	13.00	-100.00	0.00655	
15.00	-100.00	0.00653	17.00	-100.00	0.00648	
20.00	-100.00	0.00635	25.00	-100.00	0.00601	
30.00	-100.00	0.00558	40.00	-100.00	0.00466	
50.00	-100.00	0.00379	60.00	-100.00	0.00306	
70.00	-100.00	0.00246	80.00	-100.00	0.00199	
90.00	-100.00	0.00162	100.00	-100.00	0.00134	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00059
-80.00	-90.00	0.00069	-70.00	-90.00	0.00083
-60.00	-90.00	0.00100	-50.00	-90.00	0.00122
-40.00	-90.00	0.00149	-30.00	-90.00	0.00185
-25.00	-90.00	0.00206	-20.00	-90.00	0.00228
-17.00	-90.00	0.00241	-15.00	-90.00	0.00250
-13.00	-90.00	0.00259	-11.00	-90.00	0.00270
-9.00	-90.00	0.00283	9.00	-90.00	0.00630
11.00	-90.00	0.00631	13.00	-90.00	0.00631
15.00	-90.00	0.00627	17.00	-90.00	0.00620
20.00	-90.00	0.00603	25.00	-90.00	0.00565
30.00	-90.00	0.00518	40.00	-90.00	0.00420
50.00	-90.00	0.00333	60.00	-90.00	0.00262
70.00	-90.00	0.00208	80.00	-90.00	0.00167
90.00	-90.00	0.00136	100.00	-90.00	0.00113
-100.00	-80.00	0.00054	-90.00	-80.00	0.00063
-80.00	-80.00	0.00075	-70.00	-80.00	0.00089
-60.00	-80.00	0.00107	-50.00	-80.00	0.00129
-40.00	-80.00	0.00156	-30.00	-80.00	0.00188
-25.00	-80.00	0.00206	-20.00	-80.00	0.00225
-17.00	-80.00	0.00236	-15.00	-80.00	0.00244
-13.00	-80.00	0.00252	-11.00	-80.00	0.00261
-9.00	-80.00	0.00272	9.00	-80.00	0.00599
11.00	-80.00	0.00597	13.00	-80.00	0.00593
15.00	-80.00	0.00585	17.00	-80.00	0.00575
20.00	-80.00	0.00554	25.00	-80.00	0.00508
30.00	-80.00	0.00457	40.00	-80.00	0.00356
50.00	-80.00	0.00273	60.00	-80.00	0.00211
70.00	-80.00	0.00167	80.00	-80.00	0.00135
90.00	-80.00	0.00111	100.00	-80.00	0.00092
-100.00	-70.00	0.00057	-90.00	-70.00	0.00067
-80.00	-70.00	0.00079	-70.00	-70.00	0.00093
-60.00	-70.00	0.00111	-50.00	-70.00	0.00133
-40.00	-70.00	0.00159	-30.00	-70.00	0.00188

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00202	-20.00	-70.00	0.00217
-17.00	-70.00	0.00226	-15.00	-70.00	0.00232
-13.00	-70.00	0.00239	-11.00	-70.00	0.00246
-9.00	-70.00	0.00256	9.00	-70.00	0.00550
11.00	-70.00	0.00541	13.00	-70.00	0.00531
15.00	-70.00	0.00518	17.00	-70.00	0.00502

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 90

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00474	25.00	-70.00	0.00420
30.00	-70.00	0.00365	40.00	-70.00	0.00271
50.00	-70.00	0.00205	60.00	-70.00	0.00159
70.00	-70.00	0.00127	80.00	-70.00	0.00104
90.00	-70.00	0.00087	100.00	-70.00	0.00073
-100.00	-60.00	0.00060	-90.00	-60.00	0.00069
-80.00	-60.00	0.00081	-70.00	-60.00	0.00095
-60.00	-60.00	0.00113	-50.00	-60.00	0.00134
-40.00	-60.00	0.00159	-30.00	-60.00	0.00184
-25.00	-60.00	0.00197	-20.00	-60.00	0.00208
-17.00	-60.00	0.00214	-15.00	-60.00	0.00218
-13.00	-60.00	0.00223	-11.00	-60.00	0.00228
-9.00	-60.00	0.00235	9.00	-60.00	0.00463
11.00	-60.00	0.00442	13.00	-60.00	0.00420
15.00	-60.00	0.00398	17.00	-60.00	0.00375
20.00	-60.00	0.00340	25.00	-60.00	0.00288
30.00	-60.00	0.00244	40.00	-60.00	0.00182
50.00	-60.00	0.00141	60.00	-60.00	0.00112
70.00	-60.00	0.00092	80.00	-60.00	0.00077
90.00	-60.00	0.00066	100.00	-60.00	0.00057
-100.00	-50.00	0.00060	-90.00	-50.00	0.00069
-80.00	-50.00	0.00081	-70.00	-50.00	0.00094
-60.00	-50.00	0.00111	-50.00	-50.00	0.00131
-40.00	-50.00	0.00153	-30.00	-50.00	0.00176
-25.00	-50.00	0.00187	-20.00	-50.00	0.00197
-17.00	-50.00	0.00202	-15.00	-50.00	0.00205
-13.00	-50.00	0.00207	-11.00	-50.00	0.00210
-9.00	-50.00	0.00213	9.00	-50.00	0.00259



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00231	13.00	-50.00	0.00212
15.00	-50.00	0.00198	17.00	-50.00	0.00186
20.00	-50.00	0.00171	25.00	-50.00	0.00151
30.00	-50.00	0.00134	40.00	-50.00	0.00108
50.00	-50.00	0.00089	60.00	-50.00	0.00075
70.00	-50.00	0.00064	80.00	-50.00	0.00055
90.00	-50.00	0.00048	100.00	-50.00	0.00043
-100.00	-40.00	0.00059	-90.00	-40.00	0.00067
-80.00	-40.00	0.00078	-70.00	-40.00	0.00090
-60.00	-40.00	0.00105	-50.00	-40.00	0.00121
-40.00	-40.00	0.00139	-30.00	-40.00	0.00156
-25.00	-40.00	0.00163	-20.00	-40.00	0.00168

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 91  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00169	-15.00	-40.00	0.00169
-13.00	-40.00	0.00167	-11.00	-40.00	0.00164
-9.00	-40.00	0.00158	9.00	-40.00	0.00085
11.00	-40.00	0.00084	13.00	-40.00	0.00083
15.00	-40.00	0.00082	17.00	-40.00	0.00081
20.00	-40.00	0.00079	25.00	-40.00	0.00075
30.00	-40.00	0.00071	40.00	-40.00	0.00063
50.00	-40.00	0.00056	60.00	-40.00	0.00050
70.00	-40.00	0.00044	80.00	-40.00	0.00040
90.00	-40.00	0.00036	100.00	-40.00	0.00032
-100.00	-30.00	0.00056	-90.00	-30.00	0.00064
-80.00	-30.00	0.00073	-70.00	-30.00	0.00083
-60.00	-30.00	0.00094	-50.00	-30.00	0.00106
-40.00	-30.00	0.00117	-30.00	-30.00	0.00125
-25.00	-30.00	0.00126	-20.00	-30.00	0.00123
-17.00	-30.00	0.00119	-15.00	-30.00	0.00115
-13.00	-30.00	0.00109	-11.00	-30.00	0.00103
-9.00	-30.00	0.00095	9.00	-30.00	0.00058
11.00	-30.00	0.00057	13.00	-30.00	0.00056
15.00	-30.00	0.00055	17.00	-30.00	0.00054
20.00	-30.00	0.00052	25.00	-30.00	0.00049
30.00	-30.00	0.00047	40.00	-30.00	0.00043

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00039	60.00	-30.00	0.00036
70.00	-30.00	0.00032	80.00	-30.00	0.00030
90.00	-30.00	0.00027	100.00	-30.00	0.00025
-100.00	-20.00	0.00053	-90.00	-20.00	0.00059
-80.00	-20.00	0.00066	-70.00	-20.00	0.00074
-60.00	-20.00	0.00082	-50.00	-20.00	0.00089
-40.00	-20.00	0.00094	-30.00	-20.00	0.00094
-25.00	-20.00	0.00091	-20.00	-20.00	0.00085
-17.00	-20.00	0.00080	-15.00	-20.00	0.00076
-13.00	-20.00	0.00071	-11.00	-20.00	0.00067
-9.00	-20.00	0.00062	9.00	-20.00	0.00042
11.00	-20.00	0.00042	13.00	-20.00	0.00041
15.00	-20.00	0.00041	17.00	-20.00	0.00040
20.00	-20.00	0.00039	25.00	-20.00	0.00038
30.00	-20.00	0.00036	40.00	-20.00	0.00032
50.00	-20.00	0.00029	60.00	-20.00	0.00027
70.00	-20.00	0.00025	80.00	-20.00	0.00023
90.00	-20.00	0.00021	100.00	-20.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 92

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00048	-90.00	-10.00	0.00054
-80.00	-10.00	0.00059	-70.00	-10.00	0.00064
-60.00	-10.00	0.00069	-50.00	-10.00	0.00073
-40.00	-10.00	0.00073	-30.00	-10.00	0.00070
-25.00	-10.00	0.00065	-20.00	-10.00	0.00059
-17.00	-10.00	0.00055	-15.00	-10.00	0.00052
-13.00	-10.00	0.00049	-11.00	-10.00	0.00047
-9.00	-10.00	0.00044	9.00	-10.00	0.00033
11.00	-10.00	0.00032	13.00	-10.00	0.00032
15.00	-10.00	0.00031	17.00	-10.00	0.00031
20.00	-10.00	0.00030	25.00	-10.00	0.00030
30.00	-10.00	0.00029	40.00	-10.00	0.00026
50.00	-10.00	0.00023	60.00	-10.00	0.00021
70.00	-10.00	0.00020	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00044	-90.00	0.00	0.00048

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00052	-70.00	0.00	0.00055
-60.00	0.00	0.00058	-50.00	0.00	0.00059
-40.00	0.00	0.00057	-30.00	0.00	0.00052
-25.00	0.00	0.00047	-20.00	0.00	0.00043
-17.00	0.00	0.00040	-15.00	0.00	0.00038
-13.00	0.00	0.00037	-11.00	0.00	0.00035
-9.00	0.00	0.00034	9.00	0.00	0.00026
11.00	0.00	0.00026	13.00	0.00	0.00025
15.00	0.00	0.00025	17.00	0.00	0.00025
20.00	0.00	0.00024	25.00	0.00	0.00024
30.00	0.00	0.00023	40.00	0.00	0.00022
50.00	0.00	0.00020	60.00	0.00	0.00018
70.00	0.00	0.00016	80.00	0.00	0.00015
90.00	0.00	0.00014	100.00	0.00	0.00013
-100.00	10.00	0.00040	-90.00	10.00	0.00042
-80.00	10.00	0.00045	-70.00	10.00	0.00047
-60.00	10.00	0.00048	-50.00	10.00	0.00047
-40.00	10.00	0.00044	-30.00	10.00	0.00039
-25.00	10.00	0.00035	-20.00	10.00	0.00032
-17.00	10.00	0.00031	-15.00	10.00	0.00030
-13.00	10.00	0.00029	-11.00	10.00	0.00028
-9.00	10.00	0.00027	9.00	10.00	0.00021
11.00	10.00	0.00021	13.00	10.00	0.00021
15.00	10.00	0.00021	17.00	10.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00020	25.00	10.00	0.00019
30.00	10.00	0.00019	40.00	10.00	0.00018
50.00	10.00	0.00017	60.00	10.00	0.00015
70.00	10.00	0.00014	80.00	10.00	0.00013
90.00	10.00	0.00012	100.00	10.00	0.00011
-100.00	20.00	0.00035	-90.00	20.00	0.00037
-80.00	20.00	0.00039	-70.00	20.00	0.00040
-60.00	20.00	0.00040	-50.00	20.00	0.00038
-40.00	20.00	0.00035	-30.00	20.00	0.00030
-25.00	20.00	0.00028	-20.00	20.00	0.00026

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00024	-15.00	20.00	0.00024
-13.00	20.00	0.00023	-11.00	20.00	0.00022
-9.00	20.00	0.00022	9.00	20.00	0.00018
11.00	20.00	0.00017	13.00	20.00	0.00017
15.00	20.00	0.00017	17.00	20.00	0.00017
20.00	20.00	0.00017	25.00	20.00	0.00016
30.00	20.00	0.00016	40.00	20.00	0.00015
50.00	20.00	0.00014	60.00	20.00	0.00013
70.00	20.00	0.00012	80.00	20.00	0.00012
90.00	20.00	0.00011	100.00	20.00	0.00010
-100.00	30.00	0.00031	-90.00	30.00	0.00032
-80.00	30.00	0.00033	-70.00	30.00	0.00034
-60.00	30.00	0.00033	-50.00	30.00	0.00031
-40.00	30.00	0.00027	-30.00	30.00	0.00024
-25.00	30.00	0.00022	-20.00	30.00	0.00021
-17.00	30.00	0.00020	-15.00	30.00	0.00019
-13.00	30.00	0.00019	-11.00	30.00	0.00018
-9.00	30.00	0.00018	9.00	30.00	0.00015
11.00	30.00	0.00015	13.00	30.00	0.00015
15.00	30.00	0.00014	17.00	30.00	0.00014
20.00	30.00	0.00014	25.00	30.00	0.00014
30.00	30.00	0.00014	40.00	30.00	0.00013
50.00	30.00	0.00012	60.00	30.00	0.00012
70.00	30.00	0.00011	80.00	30.00	0.00010
90.00	30.00	0.00010	100.00	30.00	0.00009
-100.00	40.00	0.00028	-90.00	40.00	0.00028
-80.00	40.00	0.00029	-70.00	40.00	0.00028
-60.00	40.00	0.00027	-50.00	40.00	0.00025
-40.00	40.00	0.00022	-30.00	40.00	0.00019
-25.00	40.00	0.00018	-20.00	40.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 94

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00017	-15.00	40.00	0.00016
-13.00	40.00	0.00016	-11.00	40.00	0.00015
-9.00	40.00	0.00015	9.00	40.00	0.00013
11.00	40.00	0.00013	13.00	40.00	0.00012

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00012	17.00	40.00	0.00012
20.00	40.00	0.00012	25.00	40.00	0.00012
30.00	40.00	0.00012	40.00	40.00	0.00011
50.00	40.00	0.00011	60.00	40.00	0.00010
70.00	40.00	0.00010	80.00	40.00	0.00009
90.00	40.00	0.00009	100.00	40.00	0.00008
-100.00	50.00	0.00024	-90.00	50.00	0.00025
-80.00	50.00	0.00025	-70.00	50.00	0.00024
-60.00	50.00	0.00023	-50.00	50.00	0.00020
-40.00	50.00	0.00018	-30.00	50.00	0.00016
-25.00	50.00	0.00015	-20.00	50.00	0.00015
-17.00	50.00	0.00014	-15.00	50.00	0.00014
-13.00	50.00	0.00013	-11.00	50.00	0.00013
-9.00	50.00	0.00013	9.00	50.00	0.00011
11.00	50.00	0.00011	13.00	50.00	0.00011
15.00	50.00	0.00011	17.00	50.00	0.00011
20.00	50.00	0.00011	25.00	50.00	0.00010
30.00	50.00	0.00010	40.00	50.00	0.00010
50.00	50.00	0.00009	60.00	50.00	0.00009
70.00	50.00	0.00009	80.00	50.00	0.00008
90.00	50.00	0.00008	100.00	50.00	0.00007
-100.00	60.00	0.00022	-90.00	60.00	0.00022
-80.00	60.00	0.00021	-70.00	60.00	0.00020
-60.00	60.00	0.00019	-50.00	60.00	0.00017
-40.00	60.00	0.00015	-30.00	60.00	0.00014
-25.00	60.00	0.00013	-20.00	60.00	0.00013
-17.00	60.00	0.00012	-15.00	60.00	0.00012
-13.00	60.00	0.00012	-11.00	60.00	0.00011
-9.00	60.00	0.00011	9.00	60.00	0.00010
11.00	60.00	0.00009	13.00	60.00	0.00009
15.00	60.00	0.00009	17.00	60.00	0.00009
20.00	60.00	0.00009	25.00	60.00	0.00009
30.00	60.00	0.00009	40.00	60.00	0.00009
50.00	60.00	0.00008	60.00	60.00	0.00008
70.00	60.00	0.00008	80.00	60.00	0.00007
90.00	60.00	0.00007	100.00	60.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

03NCRA PL93-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00019
-80.00	70.00	0.00018	-70.00	70.00	0.00017
-60.00	70.00	0.00016	-50.00	70.00	0.00014
-40.00	70.00	0.00013	-30.00	70.00	0.00012
-25.00	70.00	0.00011	-20.00	70.00	0.00011
-17.00	70.00	0.00011	-15.00	70.00	0.00010
-13.00	70.00	0.00010	-11.00	70.00	0.00010
-9.00	70.00	0.00010	9.00	70.00	0.00008
11.00	70.00	0.00008	13.00	70.00	0.00008
15.00	70.00	0.00008	17.00	70.00	0.00008
20.00	70.00	0.00008	25.00	70.00	0.00008
30.00	70.00	0.00008	40.00	70.00	0.00008
50.00	70.00	0.00007	60.00	70.00	0.00007
70.00	70.00	0.00007	80.00	70.00	0.00007
90.00	70.00	0.00006	100.00	70.00	0.00006
-100.00	80.00	0.00017	-90.00	80.00	0.00017
-80.00	80.00	0.00016	-70.00	80.00	0.00015
-60.00	80.00	0.00014	-50.00	80.00	0.00012
-40.00	80.00	0.00011	-30.00	80.00	0.00010
-25.00	80.00	0.00010	-20.00	80.00	0.00010
-17.00	80.00	0.00009	-15.00	80.00	0.00009
-13.00	80.00	0.00009	-11.00	80.00	0.00009
-9.00	80.00	0.00008	9.00	80.00	0.00007
11.00	80.00	0.00007	13.00	80.00	0.00007
15.00	80.00	0.00007	17.00	80.00	0.00007
20.00	80.00	0.00007	25.00	80.00	0.00007
30.00	80.00	0.00007	40.00	80.00	0.00007
50.00	80.00	0.00007	60.00	80.00	0.00006
70.00	80.00	0.00006	80.00	80.00	0.00006
90.00	80.00	0.00006	100.00	80.00	0.00006
-100.00	90.00	0.00015	-90.00	90.00	0.00015
-80.00	90.00	0.00014	-70.00	90.00	0.00013
-60.00	90.00	0.00012	-50.00	90.00	0.00011
-40.00	90.00	0.00010	-30.00	90.00	0.00009
-25.00	90.00	0.00009	-20.00	90.00	0.00008
-17.00	90.00	0.00008	-15.00	90.00	0.00008
-13.00	90.00	0.00008	-11.00	90.00	0.00008
-9.00	90.00	0.00008	9.00	90.00	0.00007
11.00	90.00	0.00007	13.00	90.00	0.00007
15.00	90.00	0.00007	17.00	90.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00007	25.00	90.00	0.00006
30.00	90.00	0.00006	40.00	90.00	0.00006
50.00	90.00	0.00006	60.00	90.00	0.00006
70.00	90.00	0.00006	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00013	-90.00	100.00	0.00013
-80.00	100.00	0.00012	-70.00	100.00	0.00011
-60.00	100.00	0.00010	-50.00	100.00	0.00009
-40.00	100.00	0.00009	-30.00	100.00	0.00008
-25.00	100.00	0.00008	-20.00	100.00	0.00007
-17.00	100.00	0.00007	-15.00	100.00	0.00007
-13.00	100.00	0.00007	-11.00	100.00	0.00007
-9.00	100.00	0.00007	9.00	100.00	0.00006
11.00	100.00	0.00006	13.00	100.00	0.00006
15.00	100.00	0.00006	17.00	100.00	0.00006
20.00	100.00	0.00006	25.00	100.00	0.00006
30.00	100.00	0.00006	40.00	100.00	0.00006
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00005
90.00	100.00	0.00005	100.00	100.00	0.00005
-100.00	110.00	0.00012	-90.00	110.00	0.00011
-80.00	110.00	0.00010	-70.00	110.00	0.00010
-60.00	110.00	0.00009	-50.00	110.00	0.00008
-40.00	110.00	0.00008	-30.00	110.00	0.00007
-25.00	110.00	0.00007	-20.00	110.00	0.00007
-17.00	110.00	0.00007	-15.00	110.00	0.00006
-13.00	110.00	0.00006	-11.00	110.00	0.00006
-9.00	110.00	0.00006	9.00	110.00	0.00005
11.00	110.00	0.00005	13.00	110.00	0.00005
15.00	110.00	0.00005	17.00	110.00	0.00005
20.00	110.00	0.00005	25.00	110.00	0.00005
30.00	110.00	0.00005	40.00	110.00	0.00005
50.00	110.00	0.00005	60.00	110.00	0.00005
70.00	110.00	0.00005	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00010	-90.00	120.00	0.00010

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00009	-70.00	120.00	0.00008
-60.00	120.00	0.00008	-50.00	120.00	0.00007
-40.00	120.00	0.00007	-30.00	120.00	0.00007
-25.00	120.00	0.00006	-20.00	120.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00006	-15.00	120.00	0.00006
-13.00	120.00	0.00006	-11.00	120.00	0.00006
-9.00	120.00	0.00005	9.00	120.00	0.00005
11.00	120.00	0.00005	13.00	120.00	0.00005
15.00	120.00	0.00005	17.00	120.00	0.00005
20.00	120.00	0.00005	25.00	120.00	0.00005
30.00	120.00	0.00005	40.00	120.00	0.00005
50.00	120.00	0.00005	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00004
-100.00	130.00	0.00009	-90.00	130.00	0.00009
-80.00	130.00	0.00008	-70.00	130.00	0.00008
-60.00	130.00	0.00007	-50.00	130.00	0.00007
-40.00	130.00	0.00006	-30.00	130.00	0.00006
-25.00	130.00	0.00006	-20.00	130.00	0.00005
-17.00	130.00	0.00005	-15.00	130.00	0.00005
-13.00	130.00	0.00005	-11.00	130.00	0.00005
-9.00	130.00	0.00005	9.00	130.00	0.00005
11.00	130.00	0.00005	13.00	130.00	0.00004
15.00	130.00	0.00004	17.00	130.00	0.00004
20.00	130.00	0.00004	25.00	130.00	0.00004
30.00	130.00	0.00004	40.00	130.00	0.00004
50.00	130.00	0.00004	60.00	130.00	0.00004
70.00	130.00	0.00004	80.00	130.00	0.00004
90.00	130.00	0.00004	100.00	130.00	0.00004
-100.00	140.00	0.00008	-90.00	140.00	0.00008
-80.00	140.00	0.00007	-70.00	140.00	0.00007
-60.00	140.00	0.00006	-50.00	140.00	0.00006
-40.00	140.00	0.00006	-30.00	140.00	0.00005
-25.00	140.00	0.00005	-20.00	140.00	0.00005



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00005	-15.00	140.00	0.00005
-13.00	140.00	0.00005	-11.00	140.00	0.00005
-9.00	140.00	0.00005	9.00	140.00	0.00004
11.00	140.00	0.00004	13.00	140.00	0.00004
15.00	140.00	0.00004	17.00	140.00	0.00004
20.00	140.00	0.00004	25.00	140.00	0.00004
30.00	140.00	0.00004	40.00	140.00	0.00004
50.00	140.00	0.00004	60.00	140.00	0.00004
70.00	140.00	0.00004	80.00	140.00	0.00004
90.00	140.00	0.00003	100.00	140.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00007	-90.00	150.00	0.00007
-80.00	150.00	0.00006	-70.00	150.00	0.00006
-60.00	150.00	0.00006	-50.00	150.00	0.00005
-40.00	150.00	0.00005	-30.00	150.00	0.00005
-25.00	150.00	0.00005	-20.00	150.00	0.00005
-17.00	150.00	0.00004	-15.00	150.00	0.00004
-13.00	150.00	0.00004	-11.00	150.00	0.00004
-9.00	150.00	0.00004	9.00	150.00	0.00004
11.00	150.00	0.00004	13.00	150.00	0.00004
15.00	150.00	0.00004	17.00	150.00	0.00004
20.00	150.00	0.00004	25.00	150.00	0.00004
30.00	150.00	0.00004	40.00	150.00	0.00004
50.00	150.00	0.00004	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00003
90.00	150.00	0.00003	100.00	150.00	0.00003
-100.00	160.00	0.00007	-90.00	160.00	0.00006
-80.00	160.00	0.00006	-70.00	160.00	0.00006
-60.00	160.00	0.00005	-50.00	160.00	0.00005
-40.00	160.00	0.00005	-30.00	160.00	0.00004
-25.00	160.00	0.00004	-20.00	160.00	0.00004
-17.00	160.00	0.00004	-15.00	160.00	0.00004
-13.00	160.00	0.00004	-11.00	160.00	0.00004
-9.00	160.00	0.00004	9.00	160.00	0.00004
11.00	160.00	0.00004	13.00	160.00	0.00003

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00003	17.00	160.00	0.00003
20.00	160.00	0.00003	25.00	160.00	0.00003
30.00	160.00	0.00003	40.00	160.00	0.00003
50.00	160.00	0.00003	60.00	160.00	0.00003
70.00	160.00	0.00003	80.00	160.00	0.00003
90.00	160.00	0.00003	100.00	160.00	0.00003
-100.00	170.00	0.00006	-90.00	170.00	0.00006
-80.00	170.00	0.00005	-70.00	170.00	0.00005
-60.00	170.00	0.00005	-50.00	170.00	0.00005
-40.00	170.00	0.00004	-30.00	170.00	0.00004
-25.00	170.00	0.00004	-20.00	170.00	0.00004
-17.00	170.00	0.00004	-15.00	170.00	0.00004
-13.00	170.00	0.00004	-11.00	170.00	0.00004
-9.00	170.00	0.00004	9.00	170.00	0.00003
11.00	170.00	0.00003	13.00	170.00	0.00003
15.00	170.00	0.00003	17.00	170.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00003	25.00	170.00	0.00003
30.00	170.00	0.00003	40.00	170.00	0.00003
50.00	170.00	0.00003	60.00	170.00	0.00003
70.00	170.00	0.00003	80.00	170.00	0.00003
90.00	170.00	0.00003	100.00	170.00	0.00003
-100.00	180.00	0.00005	-90.00	180.00	0.00005
-80.00	180.00	0.00005	-70.00	180.00	0.00005
-60.00	180.00	0.00004	-50.00	180.00	0.00004
-40.00	180.00	0.00004	-30.00	180.00	0.00004
-25.00	180.00	0.00004	-20.00	180.00	0.00004
-17.00	180.00	0.00003	-15.00	180.00	0.00003
-13.00	180.00	0.00003	-11.00	180.00	0.00003
-9.00	180.00	0.00003	9.00	180.00	0.00003
11.00	180.00	0.00003	13.00	180.00	0.00003
15.00	180.00	0.00003	17.00	180.00	0.00003
20.00	180.00	0.00003	25.00	180.00	0.00003
30.00	180.00	0.00003	40.00	180.00	0.00003
50.00	180.00	0.00003	60.00	180.00	0.00003

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00003	80.00	180.00	0.00003
90.00	180.00	0.00003	100.00	180.00	0.00003
-100.00	190.00	0.00005	-90.00	190.00	0.00005
-80.00	190.00	0.00004	-70.00	190.00	0.00004
-60.00	190.00	0.00004	-50.00	190.00	0.00004
-40.00	190.00	0.00004	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00003	-15.00	190.00	0.00003
-13.00	190.00	0.00003	-11.00	190.00	0.00003
-9.00	190.00	0.00003	9.00	190.00	0.00003
11.00	190.00	0.00003	13.00	190.00	0.00003
15.00	190.00	0.00003	17.00	190.00	0.00003
20.00	190.00	0.00003	25.00	190.00	0.00003
30.00	190.00	0.00003	40.00	190.00	0.00003
50.00	190.00	0.00003	60.00	190.00	0.00003
70.00	190.00	0.00003	80.00	190.00	0.00003
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00005	-90.00	200.00	0.00004
-80.00	200.00	0.00004	-70.00	200.00	0.00004
-60.00	200.00	0.00004	-50.00	200.00	0.00004
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00003	-20.00	200.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00003	-15.00	200.00	0.00003
-13.00	200.00	0.00003	-11.00	200.00	0.00003
-9.00	200.00	0.00003	9.00	200.00	0.00003
11.00	200.00	0.00003	13.00	200.00	0.00003
15.00	200.00	0.00003	17.00	200.00	0.00003
20.00	200.00	0.00003	25.00	200.00	0.00003
30.00	200.00	0.00003	40.00	200.00	0.00003
50.00	200.00	0.00003	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00004	-90.00	210.00	0.00004
-80.00	210.00	0.00004	-70.00	210.00	0.00004

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00003	-50.00	210.00	0.00003
-40.00	210.00	0.00003	-30.00	210.00	0.00003
-25.00	210.00	0.00003	-20.00	210.00	0.00003
-17.00	210.00	0.00003	-15.00	210.00	0.00003
-13.00	210.00	0.00003	-11.00	210.00	0.00003
-9.00	210.00	0.00003	9.00	210.00	0.00002
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00002
20.00	210.00	0.00002	25.00	210.00	0.00002
30.00	210.00	0.00002	40.00	210.00	0.00002
50.00	210.00	0.00002	60.00	210.00	0.00002
70.00	210.00	0.00002	80.00	210.00	0.00002
90.00	210.00	0.00002	100.00	210.00	0.00002
-100.00	220.00	0.00004	-90.00	220.00	0.00004
-80.00	220.00	0.00004	-70.00	220.00	0.00003
-60.00	220.00	0.00003	-50.00	220.00	0.00003
-40.00	220.00	0.00003	-30.00	220.00	0.00003
-25.00	220.00	0.00003	-20.00	220.00	0.00003
-17.00	220.00	0.00003	-15.00	220.00	0.00003
-13.00	220.00	0.00003	-11.00	220.00	0.00003
-9.00	220.00	0.00003	9.00	220.00	0.00002
11.00	220.00	0.00002	13.00	220.00	0.00002
15.00	220.00	0.00002	17.00	220.00	0.00002
20.00	220.00	0.00002	25.00	220.00	0.00002
30.00	220.00	0.00002	40.00	220.00	0.00002
50.00	220.00	0.00002	60.00	220.00	0.00002
70.00	220.00	0.00002	80.00	220.00	0.00002
90.00	220.00	0.00002	100.00	220.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00004	-90.00	230.00	0.00003
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-60.00	230.00	0.00003	-50.00	230.00	0.00003
-40.00	230.00	0.00003	-30.00	230.00	0.00003
-25.00	230.00	0.00003	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00003	-70.00	240.00	0.00003
-60.00	240.00	0.00003	-50.00	240.00	0.00003
-40.00	240.00	0.00003	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00002
30.00	240.00	0.00002	40.00	240.00	0.00002
50.00	240.00	0.00002	60.00	240.00	0.00002
70.00	240.00	0.00002	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00003	-90.00	250.00	0.00003
-80.00	250.00	0.00003	-70.00	250.00	0.00003
-60.00	250.00	0.00003	-50.00	250.00	0.00003
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00002
11.00	250.00	0.00002	13.00	250.00	0.00002
15.00	250.00	0.00002	17.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00002
30.00	250.00	0.00002	40.00	250.00	0.00002
50.00	250.00	0.00002	60.00	250.00	0.00002
70.00	250.00	0.00002	80.00	250.00	0.00002
90.00	250.00	0.00002	100.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00022	-90.00	-250.00	0.00026
-80.00	-250.00	0.00030	-70.00	-250.00	0.00036
-60.00	-250.00	0.00042	-50.00	-250.00	0.00051
-40.00	-250.00	0.00061	-30.00	-250.00	0.00076
-25.00	-250.00	0.00084	-20.00	-250.00	0.00094
-17.00	-250.00	0.00100	-15.00	-250.00	0.00104
-13.00	-250.00	0.00109	-11.00	-250.00	0.00114
-9.00	-250.00	0.00120	9.00	-250.00	0.00202
11.00	-250.00	0.00217	13.00	-250.00	0.00231
15.00	-250.00	0.00246	17.00	-250.00	0.00261
20.00	-250.00	0.00281	25.00	-250.00	0.00310
30.00	-250.00	0.00330	40.00	-250.00	0.00344
50.00	-250.00	0.00331	60.00	-250.00	0.00305
70.00	-250.00	0.00274	80.00	-250.00	0.00244
90.00	-250.00	0.00216	100.00	-250.00	0.00191
-100.00	-240.00	0.00024	-90.00	-240.00	0.00028
-80.00	-240.00	0.00032	-70.00	-240.00	0.00038
-60.00	-240.00	0.00045	-50.00	-240.00	0.00054
-40.00	-240.00	0.00066	-30.00	-240.00	0.00081
-25.00	-240.00	0.00091	-20.00	-240.00	0.00102
-17.00	-240.00	0.00111	-15.00	-240.00	0.00117
-13.00	-240.00	0.00124	-11.00	-240.00	0.00131
-9.00	-240.00	0.00139	9.00	-240.00	0.00285
11.00	-240.00	0.00311	13.00	-240.00	0.00337
15.00	-240.00	0.00361	17.00	-240.00	0.00382
20.00	-240.00	0.00409	25.00	-240.00	0.00435
30.00	-240.00	0.00443	40.00	-240.00	0.00424
50.00	-240.00	0.00384	60.00	-240.00	0.00340
70.00	-240.00	0.00297	80.00	-240.00	0.00259

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00224	100.00	-240.00	0.00195
-100.00	-230.00	0.00027	-90.00	-230.00	0.00031
-80.00	-230.00	0.00036	-70.00	-230.00	0.00042
-60.00	-230.00	0.00050	-50.00	-230.00	0.00060
-40.00	-230.00	0.00073	-30.00	-230.00	0.00088
-25.00	-230.00	0.00099	-20.00	-230.00	0.00111
-17.00	-230.00	0.00120	-15.00	-230.00	0.00127
-13.00	-230.00	0.00136	-11.00	-230.00	0.00146
-9.00	-230.00	0.00158	9.00	-230.00	0.00483
11.00	-230.00	0.00515	13.00	-230.00	0.00538
15.00	-230.00	0.00553	17.00	-230.00	0.00563

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00569	25.00	-230.00	0.00562
30.00	-230.00	0.00543	40.00	-230.00	0.00485
50.00	-230.00	0.00422	60.00	-230.00	0.00362
70.00	-230.00	0.00310	80.00	-230.00	0.00265
90.00	-230.00	0.00226	100.00	-230.00	0.00193
-100.00	-220.00	0.00031	-90.00	-220.00	0.00035
-80.00	-220.00	0.00041	-70.00	-220.00	0.00048
-60.00	-220.00	0.00058	-50.00	-220.00	0.00070
-40.00	-220.00	0.00086	-30.00	-220.00	0.00107
-25.00	-220.00	0.00120	-20.00	-220.00	0.00136
-17.00	-220.00	0.00148	-15.00	-220.00	0.00158
-13.00	-220.00	0.00170	-11.00	-220.00	0.00185
-9.00	-220.00	0.00206	9.00	-220.00	0.00646
11.00	-220.00	0.00653	13.00	-220.00	0.00657
15.00	-220.00	0.00659	17.00	-220.00	0.00658
20.00	-220.00	0.00650	25.00	-220.00	0.00625
30.00	-220.00	0.00591	40.00	-220.00	0.00513
50.00	-220.00	0.00437	60.00	-220.00	0.00369
70.00	-220.00	0.00310	80.00	-220.00	0.00261
90.00	-220.00	0.00219	100.00	-220.00	0.00185
-100.00	-210.00	0.00036	-90.00	-210.00	0.00041
-80.00	-210.00	0.00048	-70.00	-210.00	0.00056
-60.00	-210.00	0.00068	-50.00	-210.00	0.00084

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00105	-30.00	-210.00	0.00134
-25.00	-210.00	0.00152	-20.00	-210.00	0.00176
-17.00	-210.00	0.00192	-15.00	-210.00	0.00206
-13.00	-210.00	0.00221	-11.00	-210.00	0.00239
-9.00	-210.00	0.00260	9.00	-210.00	0.00661
11.00	-210.00	0.00666	13.00	-210.00	0.00670
15.00	-210.00	0.00671	17.00	-210.00	0.00670
20.00	-210.00	0.00661	25.00	-210.00	0.00634
30.00	-210.00	0.00597	40.00	-210.00	0.00513
50.00	-210.00	0.00432	60.00	-210.00	0.00360
70.00	-210.00	0.00298	80.00	-210.00	0.00248
90.00	-210.00	0.00206	100.00	-210.00	0.00172
-100.00	-200.00	0.00041	-90.00	-200.00	0.00047
-80.00	-200.00	0.00055	-70.00	-200.00	0.00066
-60.00	-200.00	0.00079	-50.00	-200.00	0.00098
-40.00	-200.00	0.00124	-30.00	-200.00	0.00159
-25.00	-200.00	0.00180	-20.00	-200.00	0.00206

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00223	-15.00	-200.00	0.00236
-13.00	-200.00	0.00250	-11.00	-200.00	0.00265
-9.00	-200.00	0.00283	9.00	-200.00	0.00661
11.00	-200.00	0.00665	13.00	-200.00	0.00668
15.00	-200.00	0.00668	17.00	-200.00	0.00664
20.00	-200.00	0.00653	25.00	-200.00	0.00623
30.00	-200.00	0.00584	40.00	-200.00	0.00496
50.00	-200.00	0.00412	60.00	-200.00	0.00338
70.00	-200.00	0.00276	80.00	-200.00	0.00226
90.00	-200.00	0.00186	100.00	-200.00	0.00154
-100.00	-190.00	0.00045	-90.00	-190.00	0.00053
-80.00	-190.00	0.00063	-70.00	-190.00	0.00075
-60.00	-190.00	0.00091	-50.00	-190.00	0.00111
-40.00	-190.00	0.00139	-30.00	-190.00	0.00176
-25.00	-190.00	0.00198	-20.00	-190.00	0.00222
-17.00	-190.00	0.00238	-15.00	-190.00	0.00249
-13.00	-190.00	0.00260	-11.00	-190.00	0.00272



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00287	9.00	-190.00	0.00650
11.00	-190.00	0.00653	13.00	-190.00	0.00655
15.00	-190.00	0.00653	17.00	-190.00	0.00648
20.00	-190.00	0.00635	25.00	-190.00	0.00601
30.00	-190.00	0.00558	40.00	-190.00	0.00466
50.00	-190.00	0.00379	60.00	-190.00	0.00306
70.00	-190.00	0.00246	80.00	-190.00	0.00199
90.00	-190.00	0.00162	100.00	-190.00	0.00134
-100.00	-180.00	0.00050	-90.00	-180.00	0.00059
-80.00	-180.00	0.00069	-70.00	-180.00	0.00083
-60.00	-180.00	0.00100	-50.00	-180.00	0.00122
-40.00	-180.00	0.00149	-30.00	-180.00	0.00185
-25.00	-180.00	0.00206	-20.00	-180.00	0.00228
-17.00	-180.00	0.00241	-15.00	-180.00	0.00250
-13.00	-180.00	0.00259	-11.00	-180.00	0.00270
-9.00	-180.00	0.00283	9.00	-180.00	0.00630
11.00	-180.00	0.00631	13.00	-180.00	0.00631
15.00	-180.00	0.00627	17.00	-180.00	0.00620
20.00	-180.00	0.00603	25.00	-180.00	0.00565
30.00	-180.00	0.00518	40.00	-180.00	0.00420
50.00	-180.00	0.00333	60.00	-180.00	0.00262
70.00	-180.00	0.00208	80.00	-180.00	0.00167
90.00	-180.00	0.00136	100.00	-180.00	0.00113

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00054	-90.00	-170.00	0.00063
-80.00	-170.00	0.00075	-70.00	-170.00	0.00089
-60.00	-170.00	0.00107	-50.00	-170.00	0.00129
-40.00	-170.00	0.00156	-30.00	-170.00	0.00188
-25.00	-170.00	0.00206	-20.00	-170.00	0.00225
-17.00	-170.00	0.00236	-15.00	-170.00	0.00244
-13.00	-170.00	0.00252	-11.00	-170.00	0.00261
-9.00	-170.00	0.00272	9.00	-170.00	0.00599
11.00	-170.00	0.00597	13.00	-170.00	0.00593
15.00	-170.00	0.00585	17.00	-170.00	0.00575
20.00	-170.00	0.00554	25.00	-170.00	0.00508

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00457	40.00	-170.00	0.00356
50.00	-170.00	0.00273	60.00	-170.00	0.00211
70.00	-170.00	0.00167	80.00	-170.00	0.00135
90.00	-170.00	0.00111	100.00	-170.00	0.00092
-100.00	-160.00	0.00057	-90.00	-160.00	0.00067
-80.00	-160.00	0.00079	-70.00	-160.00	0.00093
-60.00	-160.00	0.00111	-50.00	-160.00	0.00133
-40.00	-160.00	0.00159	-30.00	-160.00	0.00188
-25.00	-160.00	0.00202	-20.00	-160.00	0.00217
-17.00	-160.00	0.00226	-15.00	-160.00	0.00232
-13.00	-160.00	0.00239	-11.00	-160.00	0.00246
-9.00	-160.00	0.00256	9.00	-160.00	0.00550
11.00	-160.00	0.00541	13.00	-160.00	0.00531
15.00	-160.00	0.00518	17.00	-160.00	0.00502
20.00	-160.00	0.00474	25.00	-160.00	0.00420
30.00	-160.00	0.00365	40.00	-160.00	0.00271
50.00	-160.00	0.00205	60.00	-160.00	0.00159
70.00	-160.00	0.00127	80.00	-160.00	0.00104
90.00	-160.00	0.00087	100.00	-160.00	0.00073
-100.00	-150.00	0.00060	-90.00	-150.00	0.00069
-80.00	-150.00	0.00081	-70.00	-150.00	0.00095
-60.00	-150.00	0.00113	-50.00	-150.00	0.00134
-40.00	-150.00	0.00159	-30.00	-150.00	0.00184
-25.00	-150.00	0.00197	-20.00	-150.00	0.00208
-17.00	-150.00	0.00214	-15.00	-150.00	0.00218
-13.00	-150.00	0.00223	-11.00	-150.00	0.00228
-9.00	-150.00	0.00235	9.00	-150.00	0.00463
11.00	-150.00	0.00442	13.00	-150.00	0.00420
15.00	-150.00	0.00398	17.00	-150.00	0.00375

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00340	25.00	-150.00	0.00288
30.00	-150.00	0.00244	40.00	-150.00	0.00182
50.00	-150.00	0.00141	60.00	-150.00	0.00112
70.00	-150.00	0.00092	80.00	-150.00	0.00077
90.00	-150.00	0.00066	100.00	-150.00	0.00057

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00060	-90.00	-140.00	0.00069
-80.00	-140.00	0.00081	-70.00	-140.00	0.00094
-60.00	-140.00	0.00111	-50.00	-140.00	0.00131
-40.00	-140.00	0.00153	-30.00	-140.00	0.00176
-25.00	-140.00	0.00187	-20.00	-140.00	0.00197
-17.00	-140.00	0.00202	-15.00	-140.00	0.00205
-13.00	-140.00	0.00207	-11.00	-140.00	0.00210
-9.00	-140.00	0.00213	9.00	-140.00	0.00259
11.00	-140.00	0.00231	13.00	-140.00	0.00212
15.00	-140.00	0.00198	17.00	-140.00	0.00186
20.00	-140.00	0.00171	25.00	-140.00	0.00151
30.00	-140.00	0.00134	40.00	-140.00	0.00108
50.00	-140.00	0.00089	60.00	-140.00	0.00075
70.00	-140.00	0.00064	80.00	-140.00	0.00055
90.00	-140.00	0.00048	100.00	-140.00	0.00043
-100.00	-130.00	0.00059	-90.00	-130.00	0.00067
-80.00	-130.00	0.00078	-70.00	-130.00	0.00090
-60.00	-130.00	0.00105	-50.00	-130.00	0.00121
-40.00	-130.00	0.00139	-30.00	-130.00	0.00156
-25.00	-130.00	0.00163	-20.00	-130.00	0.00168
-17.00	-130.00	0.00169	-15.00	-130.00	0.00169
-13.00	-130.00	0.00167	-11.00	-130.00	0.00164
-9.00	-130.00	0.00158	9.00	-130.00	0.00085
11.00	-130.00	0.00084	13.00	-130.00	0.00083
15.00	-130.00	0.00082	17.00	-130.00	0.00081
20.00	-130.00	0.00079	25.00	-130.00	0.00075
30.00	-130.00	0.00071	40.00	-130.00	0.00063
50.00	-130.00	0.00056	60.00	-130.00	0.00050
70.00	-130.00	0.00044	80.00	-130.00	0.00040
90.00	-130.00	0.00036	100.00	-130.00	0.00032
-100.00	-120.00	0.00056	-90.00	-120.00	0.00064
-80.00	-120.00	0.00073	-70.00	-120.00	0.00083
-60.00	-120.00	0.00094	-50.00	-120.00	0.00106
-40.00	-120.00	0.00117	-30.00	-120.00	0.00125
-25.00	-120.00	0.00126	-20.00	-120.00	0.00123

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:05:15  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
    \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
    \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00119	-15.00	-120.00	0.00115
-13.00	-120.00	0.00109	-11.00	-120.00	0.00103
-9.00	-120.00	0.00095	9.00	-120.00	0.00058
11.00	-120.00	0.00057	13.00	-120.00	0.00056
15.00	-120.00	0.00055	17.00	-120.00	0.00054
20.00	-120.00	0.00052	25.00	-120.00	0.00049
30.00	-120.00	0.00047	40.00	-120.00	0.00043
50.00	-120.00	0.00039	60.00	-120.00	0.00036
70.00	-120.00	0.00032	80.00	-120.00	0.00030
90.00	-120.00	0.00027	100.00	-120.00	0.00025
-100.00	-110.00	0.00053	-90.00	-110.00	0.00059
-80.00	-110.00	0.00066	-70.00	-110.00	0.00074
-60.00	-110.00	0.00082	-50.00	-110.00	0.00089
-40.00	-110.00	0.00094	-30.00	-110.00	0.00094
-25.00	-110.00	0.00091	-20.00	-110.00	0.00085
-17.00	-110.00	0.00080	-15.00	-110.00	0.00076
-13.00	-110.00	0.00071	-11.00	-110.00	0.00067
-9.00	-110.00	0.00062	9.00	-110.00	0.00042
11.00	-110.00	0.00042	13.00	-110.00	0.00041
15.00	-110.00	0.00041	17.00	-110.00	0.00040
20.00	-110.00	0.00039	25.00	-110.00	0.00038
30.00	-110.00	0.00036	40.00	-110.00	0.00032
50.00	-110.00	0.00029	60.00	-110.00	0.00027
70.00	-110.00	0.00025	80.00	-110.00	0.00023
90.00	-110.00	0.00021	100.00	-110.00	0.00020
-100.00	-100.00	0.00048	-90.00	-100.00	0.00054
-80.00	-100.00	0.00059	-70.00	-100.00	0.00064
-60.00	-100.00	0.00069	-50.00	-100.00	0.00073
-40.00	-100.00	0.00073	-30.00	-100.00	0.00070
-25.00	-100.00	0.00065	-20.00	-100.00	0.00059
-17.00	-100.00	0.00055	-15.00	-100.00	0.00052
-13.00	-100.00	0.00049	-11.00	-100.00	0.00047
-9.00	-100.00	0.00044	9.00	-100.00	0.00033
11.00	-100.00	0.00032	13.00	-100.00	0.00032
15.00	-100.00	0.00031	17.00	-100.00	0.00031
20.00	-100.00	0.00030	25.00	-100.00	0.00030
30.00	-100.00	0.00029	40.00	-100.00	0.00026
50.00	-100.00	0.00023	60.00	-100.00	0.00021
70.00	-100.00	0.00020	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15  
\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00044	-90.00	-90.00	0.00048
-80.00	-90.00	0.00052	-70.00	-90.00	0.00055
-60.00	-90.00	0.00058	-50.00	-90.00	0.00059
-40.00	-90.00	0.00057	-30.00	-90.00	0.00052
-25.00	-90.00	0.00047	-20.00	-90.00	0.00043
-17.00	-90.00	0.00040	-15.00	-90.00	0.00038
-13.00	-90.00	0.00037	-11.00	-90.00	0.00035
-9.00	-90.00	0.00034	9.00	-90.00	0.00026
11.00	-90.00	0.00026	13.00	-90.00	0.00025
15.00	-90.00	0.00025	17.00	-90.00	0.00025
20.00	-90.00	0.00024	25.00	-90.00	0.00024
30.00	-90.00	0.00023	40.00	-90.00	0.00022
50.00	-90.00	0.00020	60.00	-90.00	0.00018
70.00	-90.00	0.00016	80.00	-90.00	0.00015
90.00	-90.00	0.00014	100.00	-90.00	0.00013
-100.00	-80.00	0.00040	-90.00	-80.00	0.00042
-80.00	-80.00	0.00045	-70.00	-80.00	0.00047
-60.00	-80.00	0.00048	-50.00	-80.00	0.00047
-40.00	-80.00	0.00044	-30.00	-80.00	0.00039
-25.00	-80.00	0.00035	-20.00	-80.00	0.00032
-17.00	-80.00	0.00031	-15.00	-80.00	0.00030
-13.00	-80.00	0.00029	-11.00	-80.00	0.00028
-9.00	-80.00	0.00027	9.00	-80.00	0.00021
11.00	-80.00	0.00021	13.00	-80.00	0.00021
15.00	-80.00	0.00021	17.00	-80.00	0.00020
20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00015
70.00	-80.00	0.00014	80.00	-80.00	0.00013
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00035	-90.00	-70.00	0.00037
-80.00	-70.00	0.00039	-70.00	-70.00	0.00040
-60.00	-70.00	0.00040	-50.00	-70.00	0.00038
-40.00	-70.00	0.00035	-30.00	-70.00	0.00030
-25.00	-70.00	0.00028	-20.00	-70.00	0.00026
-17.00	-70.00	0.00024	-15.00	-70.00	0.00024
-13.00	-70.00	0.00023	-11.00	-70.00	0.00022



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00012	40.00	-50.00	0.00011
50.00	-50.00	0.00011	60.00	-50.00	0.00010
70.00	-50.00	0.00010	80.00	-50.00	0.00009
90.00	-50.00	0.00009	100.00	-50.00	0.00008
-100.00	-40.00	0.00024	-90.00	-40.00	0.00025
-80.00	-40.00	0.00025	-70.00	-40.00	0.00024
-60.00	-40.00	0.00023	-50.00	-40.00	0.00020
-40.00	-40.00	0.00018	-30.00	-40.00	0.00016
-25.00	-40.00	0.00015	-20.00	-40.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 111  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00014	-15.00	-40.00	0.00014
-13.00	-40.00	0.00013	-11.00	-40.00	0.00013
-9.00	-40.00	0.00013	9.00	-40.00	0.00011
11.00	-40.00	0.00011	13.00	-40.00	0.00011
15.00	-40.00	0.00011	17.00	-40.00	0.00011
20.00	-40.00	0.00011	25.00	-40.00	0.00010
30.00	-40.00	0.00010	40.00	-40.00	0.00010
50.00	-40.00	0.00009	60.00	-40.00	0.00009
70.00	-40.00	0.00009	80.00	-40.00	0.00008
90.00	-40.00	0.00008	100.00	-40.00	0.00007
-100.00	-30.00	0.00022	-90.00	-30.00	0.00022
-80.00	-30.00	0.00021	-70.00	-30.00	0.00020
-60.00	-30.00	0.00019	-50.00	-30.00	0.00017
-40.00	-30.00	0.00015	-30.00	-30.00	0.00014
-25.00	-30.00	0.00013	-20.00	-30.00	0.00013
-17.00	-30.00	0.00012	-15.00	-30.00	0.00012
-13.00	-30.00	0.00012	-11.00	-30.00	0.00011
-9.00	-30.00	0.00011	9.00	-30.00	0.00010
11.00	-30.00	0.00009	13.00	-30.00	0.00009
15.00	-30.00	0.00009	17.00	-30.00	0.00009
20.00	-30.00	0.00009	25.00	-30.00	0.00009
30.00	-30.00	0.00009	40.00	-30.00	0.00009
50.00	-30.00	0.00008	60.00	-30.00	0.00008
70.00	-30.00	0.00008	80.00	-30.00	0.00007
90.00	-30.00	0.00007	100.00	-30.00	0.00007

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00019	-90.00	-20.00	0.00019
-80.00	-20.00	0.00018	-70.00	-20.00	0.00017
-60.00	-20.00	0.00016	-50.00	-20.00	0.00014
-40.00	-20.00	0.00013	-30.00	-20.00	0.00012
-25.00	-20.00	0.00011	-20.00	-20.00	0.00011
-17.00	-20.00	0.00011	-15.00	-20.00	0.00010
-13.00	-20.00	0.00010	-11.00	-20.00	0.00010
-9.00	-20.00	0.00010	9.00	-20.00	0.00008
11.00	-20.00	0.00008	13.00	-20.00	0.00008
15.00	-20.00	0.00008	17.00	-20.00	0.00008
20.00	-20.00	0.00008	25.00	-20.00	0.00008
30.00	-20.00	0.00008	40.00	-20.00	0.00008
50.00	-20.00	0.00007	60.00	-20.00	0.00007
70.00	-20.00	0.00007	80.00	-20.00	0.00007
90.00	-20.00	0.00006	100.00	-20.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00017	-90.00	-10.00	0.00017
-80.00	-10.00	0.00016	-70.00	-10.00	0.00015
-60.00	-10.00	0.00014	-50.00	-10.00	0.00012
-40.00	-10.00	0.00011	-30.00	-10.00	0.00010
-25.00	-10.00	0.00010	-20.00	-10.00	0.00010
-17.00	-10.00	0.00009	-15.00	-10.00	0.00009
-13.00	-10.00	0.00009	-11.00	-10.00	0.00009
-9.00	-10.00	0.00008	9.00	-10.00	0.00007
11.00	-10.00	0.00007	13.00	-10.00	0.00007
15.00	-10.00	0.00007	17.00	-10.00	0.00007
20.00	-10.00	0.00007	25.00	-10.00	0.00007
30.00	-10.00	0.00007	40.00	-10.00	0.00007
50.00	-10.00	0.00007	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00006
90.00	-10.00	0.00006	100.00	-10.00	0.00006
-100.00	0.00	0.00015	-90.00	0.00	0.00015
-80.00	0.00	0.00014	-70.00	0.00	0.00013
-60.00	0.00	0.00012	-50.00	0.00	0.00011
-40.00	0.00	0.00010	-30.00	0.00	0.00009



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00009	-20.00	0.00	0.00008
-17.00	0.00	0.00008	-15.00	0.00	0.00008
-13.00	0.00	0.00008	-11.00	0.00	0.00008
-9.00	0.00	0.00008	9.00	0.00	0.00007
11.00	0.00	0.00007	13.00	0.00	0.00007
15.00	0.00	0.00007	17.00	0.00	0.00007
20.00	0.00	0.00007	25.00	0.00	0.00006
30.00	0.00	0.00006	40.00	0.00	0.00006
50.00	0.00	0.00006	60.00	0.00	0.00006
70.00	0.00	0.00006	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00013	-90.00	10.00	0.00013
-80.00	10.00	0.00012	-70.00	10.00	0.00011
-60.00	10.00	0.00010	-50.00	10.00	0.00009
-40.00	10.00	0.00009	-30.00	10.00	0.00008
-25.00	10.00	0.00008	-20.00	10.00	0.00007
-17.00	10.00	0.00007	-15.00	10.00	0.00007
-13.00	10.00	0.00007	-11.00	10.00	0.00007
-9.00	10.00	0.00007	9.00	10.00	0.00006
11.00	10.00	0.00006	13.00	10.00	0.00006
15.00	10.00	0.00006	17.00	10.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00006	25.00	10.00	0.00006
30.00	10.00	0.00006	40.00	10.00	0.00006
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00005
90.00	10.00	0.00005	100.00	10.00	0.00005
-100.00	20.00	0.00012	-90.00	20.00	0.00011
-80.00	20.00	0.00010	-70.00	20.00	0.00010
-60.00	20.00	0.00009	-50.00	20.00	0.00008
-40.00	20.00	0.00008	-30.00	20.00	0.00007
-25.00	20.00	0.00007	-20.00	20.00	0.00007
-17.00	20.00	0.00007	-15.00	20.00	0.00006
-13.00	20.00	0.00006	-11.00	20.00	0.00006
-9.00	20.00	0.00006	9.00	20.00	0.00005

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00005	13.00	20.00	0.00005
15.00	20.00	0.00005	17.00	20.00	0.00005
20.00	20.00	0.00005	25.00	20.00	0.00005
30.00	20.00	0.00005	40.00	20.00	0.00005
50.00	20.00	0.00005	60.00	20.00	0.00005
70.00	20.00	0.00005	80.00	20.00	0.00004
90.00	20.00	0.00004	100.00	20.00	0.00004
-100.00	30.00	0.00010	-90.00	30.00	0.00010
-80.00	30.00	0.00009	-70.00	30.00	0.00008
-60.00	30.00	0.00008	-50.00	30.00	0.00007
-40.00	30.00	0.00007	-30.00	30.00	0.00007
-25.00	30.00	0.00006	-20.00	30.00	0.00006
-17.00	30.00	0.00006	-15.00	30.00	0.00006
-13.00	30.00	0.00006	-11.00	30.00	0.00006
-9.00	30.00	0.00005	9.00	30.00	0.00005
11.00	30.00	0.00005	13.00	30.00	0.00005
15.00	30.00	0.00005	17.00	30.00	0.00005
20.00	30.00	0.00005	25.00	30.00	0.00005
30.00	30.00	0.00005	40.00	30.00	0.00005
50.00	30.00	0.00005	60.00	30.00	0.00004
70.00	30.00	0.00004	80.00	30.00	0.00004
90.00	30.00	0.00004	100.00	30.00	0.00004
-100.00	40.00	0.00009	-90.00	40.00	0.00009
-80.00	40.00	0.00008	-70.00	40.00	0.00008
-60.00	40.00	0.00007	-50.00	40.00	0.00007
-40.00	40.00	0.00006	-30.00	40.00	0.00006
-25.00	40.00	0.00006	-20.00	40.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00005	-15.00	40.00	0.00005
-13.00	40.00	0.00005	-11.00	40.00	0.00005
-9.00	40.00	0.00005	9.00	40.00	0.00005
11.00	40.00	0.00005	13.00	40.00	0.00004
15.00	40.00	0.00004	17.00	40.00	0.00004
20.00	40.00	0.00004	25.00	40.00	0.00004
30.00	40.00	0.00004	40.00	40.00	0.00004

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00004	60.00	40.00	0.00004
70.00	40.00	0.00004	80.00	40.00	0.00004
90.00	40.00	0.00004	100.00	40.00	0.00004
-100.00	50.00	0.00008	-90.00	50.00	0.00008
-80.00	50.00	0.00007	-70.00	50.00	0.00007
-60.00	50.00	0.00006	-50.00	50.00	0.00006
-40.00	50.00	0.00006	-30.00	50.00	0.00005
-25.00	50.00	0.00005	-20.00	50.00	0.00005
-17.00	50.00	0.00005	-15.00	50.00	0.00005
-13.00	50.00	0.00005	-11.00	50.00	0.00005
-9.00	50.00	0.00005	9.00	50.00	0.00004
11.00	50.00	0.00004	13.00	50.00	0.00004
15.00	50.00	0.00004	17.00	50.00	0.00004
20.00	50.00	0.00004	25.00	50.00	0.00004
30.00	50.00	0.00004	40.00	50.00	0.00004
50.00	50.00	0.00004	60.00	50.00	0.00004
70.00	50.00	0.00004	80.00	50.00	0.00004
90.00	50.00	0.00003	100.00	50.00	0.00003
-100.00	60.00	0.00007	-90.00	60.00	0.00007
-80.00	60.00	0.00006	-70.00	60.00	0.00006
-60.00	60.00	0.00006	-50.00	60.00	0.00005
-40.00	60.00	0.00005	-30.00	60.00	0.00005
-25.00	60.00	0.00005	-20.00	60.00	0.00005
-17.00	60.00	0.00004	-15.00	60.00	0.00004
-13.00	60.00	0.00004	-11.00	60.00	0.00004
-9.00	60.00	0.00004	9.00	60.00	0.00004
11.00	60.00	0.00004	13.00	60.00	0.00004
15.00	60.00	0.00004	17.00	60.00	0.00004
20.00	60.00	0.00004	25.00	60.00	0.00004
30.00	60.00	0.00004	40.00	60.00	0.00004
50.00	60.00	0.00004	60.00	60.00	0.00003
70.00	60.00	0.00003	80.00	60.00	0.00003
90.00	60.00	0.00003	100.00	60.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00007	-90.00	70.00	0.00006

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00006	-70.00	70.00	0.00006
-60.00	70.00	0.00005	-50.00	70.00	0.00005
-40.00	70.00	0.00005	-30.00	70.00	0.00004
-25.00	70.00	0.00004	-20.00	70.00	0.00004
-17.00	70.00	0.00004	-15.00	70.00	0.00004
-13.00	70.00	0.00004	-11.00	70.00	0.00004
-9.00	70.00	0.00004	9.00	70.00	0.00004
11.00	70.00	0.00004	13.00	70.00	0.00003
15.00	70.00	0.00003	17.00	70.00	0.00003
20.00	70.00	0.00003	25.00	70.00	0.00003
30.00	70.00	0.00003	40.00	70.00	0.00003
50.00	70.00	0.00003	60.00	70.00	0.00003
70.00	70.00	0.00003	80.00	70.00	0.00003
90.00	70.00	0.00003	100.00	70.00	0.00003
-100.00	80.00	0.00006	-90.00	80.00	0.00006
-80.00	80.00	0.00005	-70.00	80.00	0.00005
-60.00	80.00	0.00005	-50.00	80.00	0.00005
-40.00	80.00	0.00004	-30.00	80.00	0.00004
-25.00	80.00	0.00004	-20.00	80.00	0.00004
-17.00	80.00	0.00004	-15.00	80.00	0.00004
-13.00	80.00	0.00004	-11.00	80.00	0.00004
-9.00	80.00	0.00004	9.00	80.00	0.00003
11.00	80.00	0.00003	13.00	80.00	0.00003
15.00	80.00	0.00003	17.00	80.00	0.00003
20.00	80.00	0.00003	25.00	80.00	0.00003
30.00	80.00	0.00003	40.00	80.00	0.00003
50.00	80.00	0.00003	60.00	80.00	0.00003
70.00	80.00	0.00003	80.00	80.00	0.00003
90.00	80.00	0.00003	100.00	80.00	0.00003
-100.00	90.00	0.00005	-90.00	90.00	0.00005
-80.00	90.00	0.00005	-70.00	90.00	0.00005
-60.00	90.00	0.00004	-50.00	90.00	0.00004
-40.00	90.00	0.00004	-30.00	90.00	0.00004
-25.00	90.00	0.00004	-20.00	90.00	0.00004
-17.00	90.00	0.00003	-15.00	90.00	0.00003
-13.00	90.00	0.00003	-11.00	90.00	0.00003
-9.00	90.00	0.00003	9.00	90.00	0.00003
11.00	90.00	0.00003	13.00	90.00	0.00003
15.00	90.00	0.00003	17.00	90.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00003	25.00	90.00	0.00003
30.00	90.00	0.00003	40.00	90.00	0.00003
50.00	90.00	0.00003	60.00	90.00	0.00003
70.00	90.00	0.00003	80.00	90.00	0.00003
90.00	90.00	0.00003	100.00	90.00	0.00003
-100.00	100.00	0.00005	-90.00	100.00	0.00005
-80.00	100.00	0.00004	-70.00	100.00	0.00004
-60.00	100.00	0.00004	-50.00	100.00	0.00004
-40.00	100.00	0.00004	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00003	-11.00	100.00	0.00003
-9.00	100.00	0.00003	9.00	100.00	0.00003
11.00	100.00	0.00003	13.00	100.00	0.00003
15.00	100.00	0.00003	17.00	100.00	0.00003
20.00	100.00	0.00003	25.00	100.00	0.00003
30.00	100.00	0.00003	40.00	100.00	0.00003
50.00	100.00	0.00003	60.00	100.00	0.00003
70.00	100.00	0.00003	80.00	100.00	0.00003
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00005	-90.00	110.00	0.00004
-80.00	110.00	0.00004	-70.00	110.00	0.00004
-60.00	110.00	0.00004	-50.00	110.00	0.00004
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00003	-20.00	110.00	0.00003
-17.00	110.00	0.00003	-15.00	110.00	0.00003
-13.00	110.00	0.00003	-11.00	110.00	0.00003
-9.00	110.00	0.00003	9.00	110.00	0.00003
11.00	110.00	0.00003	13.00	110.00	0.00003
15.00	110.00	0.00003	17.00	110.00	0.00003
20.00	110.00	0.00003	25.00	110.00	0.00003
30.00	110.00	0.00003	40.00	110.00	0.00003
50.00	110.00	0.00003	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00004	-90.00	120.00	0.00004
-80.00	120.00	0.00004	-70.00	120.00	0.00004
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00003

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00003 -20.00 120.00 0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00003	-15.00	120.00	0.00003
-13.00	120.00	0.00003	-11.00	120.00	0.00003
-9.00	120.00	0.00003	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00004	-90.00	130.00	0.00004
-80.00	130.00	0.00004	-70.00	130.00	0.00003
-60.00	130.00	0.00003	-50.00	130.00	0.00003
-40.00	130.00	0.00003	-30.00	130.00	0.00003
-25.00	130.00	0.00003	-20.00	130.00	0.00003
-17.00	130.00	0.00003	-15.00	130.00	0.00003
-13.00	130.00	0.00003	-11.00	130.00	0.00003
-9.00	130.00	0.00003	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00004	-90.00	140.00	0.00003
-80.00	140.00	0.00003	-70.00	140.00	0.00003
-60.00	140.00	0.00003	-50.00	140.00	0.00003
-40.00	140.00	0.00003	-30.00	140.00	0.00003
-25.00	140.00	0.00003	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00002	60.00	140.00	0.00002
70.00	140.00	0.00002	80.00	140.00	0.00002
90.00	140.00	0.00002	100.00	140.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00003	-70.00	150.00	0.00003
-60.00	150.00	0.00003	-50.00	150.00	0.00003
-40.00	150.00	0.00003	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00002
30.00	150.00	0.00002	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00003	-90.00	160.00	0.00003
-80.00	160.00	0.00003	-70.00	160.00	0.00003
-60.00	160.00	0.00003	-50.00	160.00	0.00003
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00002
30.00	160.00	0.00002	40.00	160.00	0.00002

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00002	60.00	160.00	0.00002
70.00	160.00	0.00002	80.00	160.00	0.00002
90.00	160.00	0.00002	100.00	160.00	0.00002
-100.00	170.00	0.00003	-90.00	170.00	0.00003
-80.00	170.00	0.00003	-70.00	170.00	0.00003
-60.00	170.00	0.00003	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00002	9.00	170.00	0.00002
11.00	170.00	0.00002	13.00	170.00	0.00002
15.00	170.00	0.00002	17.00	170.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00002	25.00	170.00	0.00002
30.00	170.00	0.00002	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00002
70.00	170.00	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00003	-90.00	180.00	0.00003
-80.00	180.00	0.00003	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00002
-17.00	180.00	0.00002	-15.00	180.00	0.00002
-13.00	180.00	0.00002	-11.00	180.00	0.00002
-9.00	180.00	0.00002	9.00	180.00	0.00002
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00002
50.00	180.00	0.00002	60.00	180.00	0.00002
70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00003	-90.00	190.00	0.00002



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00002
-25.00	190.00	0.00002	-20.00	190.00	0.00002
-17.00	190.00	0.00002	-15.00	190.00	0.00002
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00001
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00002	-30.00	200.00	0.00002
-25.00	200.00	0.00002	-20.00	200.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 120

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00002
-9.00	200.00	0.00002	9.00	200.00	0.00002
11.00	200.00	0.00002	13.00	200.00	0.00002
15.00	200.00	0.00002	17.00	200.00	0.00002
20.00	200.00	0.00002	25.00	200.00	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00002	-15.00	210.00	0.00002
-13.00	210.00	0.00002	-11.00	210.00	0.00002
-9.00	210.00	0.00002	9.00	210.00	0.00002
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00002	-90.00	220.00	0.00002
-80.00	220.00	0.00002	-70.00	220.00	0.00002
-60.00	220.00	0.00002	-50.00	220.00	0.00002
-40.00	220.00	0.00002	-30.00	220.00	0.00002
-25.00	220.00	0.00002	-20.00	220.00	0.00002
-17.00	220.00	0.00002	-15.00	220.00	0.00002
-13.00	220.00	0.00002	-11.00	220.00	0.00002
-9.00	220.00	0.00002	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00002
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00059	-90.00	-250.00	0.00065
-80.00	-250.00	0.00072	-70.00	-250.00	0.00080
-60.00	-250.00	0.00090	-50.00	-250.00	0.00101
-40.00	-250.00	0.00116	-30.00	-250.00	0.00135
-25.00	-250.00	0.00146	-20.00	-250.00	0.00158
-17.00	-250.00	0.00166	-15.00	-250.00	0.00171
-13.00	-250.00	0.00177	-11.00	-250.00	0.00183
-9.00	-250.00	0.00191	9.00	-250.00	0.00280
11.00	-250.00	0.00295	13.00	-250.00	0.00311
15.00	-250.00	0.00326	17.00	-250.00	0.00342
20.00	-250.00	0.00364	25.00	-250.00	0.00395
30.00	-250.00	0.00418	40.00	-250.00	0.00438
50.00	-250.00	0.00432	60.00	-250.00	0.00412
70.00	-250.00	0.00387	80.00	-250.00	0.00361
90.00	-250.00	0.00336	100.00	-250.00	0.00314
-100.00	-240.00	0.00063	-90.00	-240.00	0.00069
-80.00	-240.00	0.00076	-70.00	-240.00	0.00085
-60.00	-240.00	0.00096	-50.00	-240.00	0.00109
-40.00	-240.00	0.00124	-30.00	-240.00	0.00145
-25.00	-240.00	0.00157	-20.00	-240.00	0.00172
-17.00	-240.00	0.00182	-15.00	-240.00	0.00190
-13.00	-240.00	0.00198	-11.00	-240.00	0.00206
-9.00	-240.00	0.00215	9.00	-240.00	0.00370
11.00	-240.00	0.00398	13.00	-240.00	0.00424
15.00	-240.00	0.00450	17.00	-240.00	0.00472
20.00	-240.00	0.00500	25.00	-240.00	0.00530
30.00	-240.00	0.00542	40.00	-240.00	0.00530
50.00	-240.00	0.00498	60.00	-240.00	0.00460
70.00	-240.00	0.00423	80.00	-240.00	0.00389
90.00	-240.00	0.00359	100.00	-240.00	0.00331
-100.00	-230.00	0.00067	-90.00	-230.00	0.00074
-80.00	-230.00	0.00082	-70.00	-230.00	0.00092

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00104	-50.00	-230.00	0.00118
-40.00	-230.00	0.00136	-30.00	-230.00	0.00157
-25.00	-230.00	0.00171	-20.00	-230.00	0.00187
-17.00	-230.00	0.00198	-15.00	-230.00	0.00207
-13.00	-230.00	0.00217	-11.00	-230.00	0.00228
-9.00	-230.00	0.00242	9.00	-230.00	0.00578
11.00	-230.00	0.00611	13.00	-230.00	0.00635
15.00	-230.00	0.00652	17.00	-230.00	0.00663

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00671	25.00	-230.00	0.00669
30.00	-230.00	0.00654	40.00	-230.00	0.00605
50.00	-230.00	0.00551	60.00	-230.00	0.00499
70.00	-230.00	0.00453	80.00	-230.00	0.00412
90.00	-230.00	0.00377	100.00	-230.00	0.00346
-100.00	-220.00	0.00072	-90.00	-220.00	0.00081
-80.00	-220.00	0.00090	-70.00	-220.00	0.00102
-60.00	-220.00	0.00116	-50.00	-220.00	0.00133
-40.00	-220.00	0.00154	-30.00	-220.00	0.00181
-25.00	-220.00	0.00198	-20.00	-220.00	0.00219
-17.00	-220.00	0.00234	-15.00	-220.00	0.00245
-13.00	-220.00	0.00259	-11.00	-220.00	0.00276
-9.00	-220.00	0.00299	9.00	-220.00	0.00752
11.00	-220.00	0.00760	13.00	-220.00	0.00766
15.00	-220.00	0.00770	17.00	-220.00	0.00770
20.00	-220.00	0.00765	25.00	-220.00	0.00746
30.00	-220.00	0.00718	40.00	-220.00	0.00651
50.00	-220.00	0.00585	60.00	-220.00	0.00525
70.00	-220.00	0.00473	80.00	-220.00	0.00428
90.00	-220.00	0.00390	100.00	-220.00	0.00357
-100.00	-210.00	0.00079	-90.00	-210.00	0.00088
-80.00	-210.00	0.00099	-70.00	-210.00	0.00113
-60.00	-210.00	0.00130	-50.00	-210.00	0.00152
-40.00	-210.00	0.00179	-30.00	-210.00	0.00215
-25.00	-210.00	0.00238	-20.00	-210.00	0.00266
-17.00	-210.00	0.00286	-15.00	-210.00	0.00302



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00816	25.00	-190.00	0.00794
30.00	-190.00	0.00763	40.00	-190.00	0.00691
50.00	-190.00	0.00620	60.00	-190.00	0.00555
70.00	-190.00	0.00499	80.00	-190.00	0.00450
90.00	-190.00	0.00409	100.00	-190.00	0.00373
-100.00	-180.00	0.00099	-90.00	-180.00	0.00113
-80.00	-180.00	0.00129	-70.00	-180.00	0.00150
-60.00	-180.00	0.00175	-50.00	-180.00	0.00206
-40.00	-180.00	0.00245	-30.00	-180.00	0.00293
-25.00	-180.00	0.00321	-20.00	-180.00	0.00350
-17.00	-180.00	0.00368	-15.00	-180.00	0.00381
-13.00	-180.00	0.00395	-11.00	-180.00	0.00410
-9.00	-180.00	0.00427	9.00	-180.00	0.00814
11.00	-180.00	0.00821	13.00	-180.00	0.00826
15.00	-180.00	0.00829	17.00	-180.00	0.00829
20.00	-180.00	0.00823	25.00	-180.00	0.00801
30.00	-180.00	0.00769	40.00	-180.00	0.00696
50.00	-180.00	0.00624	60.00	-180.00	0.00559
70.00	-180.00	0.00502	80.00	-180.00	0.00454
90.00	-180.00	0.00412	100.00	-180.00	0.00376

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00106	-90.00	-170.00	0.00120
-80.00	-170.00	0.00138	-70.00	-170.00	0.00160
-60.00	-170.00	0.00186	-50.00	-170.00	0.00219
-40.00	-170.00	0.00259	-30.00	-170.00	0.00307
-25.00	-170.00	0.00333	-20.00	-170.00	0.00361
-17.00	-170.00	0.00378	-15.00	-170.00	0.00391
-13.00	-170.00	0.00404	-11.00	-170.00	0.00418
-9.00	-170.00	0.00435	9.00	-170.00	0.00819
11.00	-170.00	0.00826	13.00	-170.00	0.00831
15.00	-170.00	0.00834	17.00	-170.00	0.00834
20.00	-170.00	0.00827	25.00	-170.00	0.00805
30.00	-170.00	0.00773	40.00	-170.00	0.00700
50.00	-170.00	0.00627	60.00	-170.00	0.00561
70.00	-170.00	0.00505	80.00	-170.00	0.00456

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00414	100.00	-170.00	0.00377
-100.00	-160.00	0.00112	-90.00	-160.00	0.00127
-80.00	-160.00	0.00146	-70.00	-160.00	0.00168
-60.00	-160.00	0.00195	-50.00	-160.00	0.00229
-40.00	-160.00	0.00269	-30.00	-160.00	0.00316
-25.00	-160.00	0.00342	-20.00	-160.00	0.00368
-17.00	-160.00	0.00385	-15.00	-160.00	0.00397
-13.00	-160.00	0.00410	-11.00	-160.00	0.00423
-9.00	-160.00	0.00440	9.00	-160.00	0.00823
11.00	-160.00	0.00830	13.00	-160.00	0.00835
15.00	-160.00	0.00838	17.00	-160.00	0.00837
20.00	-160.00	0.00831	25.00	-160.00	0.00808
30.00	-160.00	0.00776	40.00	-160.00	0.00702
50.00	-160.00	0.00629	60.00	-160.00	0.00563
70.00	-160.00	0.00506	80.00	-160.00	0.00457
90.00	-160.00	0.00415	100.00	-160.00	0.00379
-100.00	-150.00	0.00117	-90.00	-150.00	0.00133
-80.00	-150.00	0.00152	-70.00	-150.00	0.00175
-60.00	-150.00	0.00203	-50.00	-150.00	0.00237
-40.00	-150.00	0.00277	-30.00	-150.00	0.00323
-25.00	-150.00	0.00348	-20.00	-150.00	0.00373
-17.00	-150.00	0.00390	-15.00	-150.00	0.00402
-13.00	-150.00	0.00414	-11.00	-150.00	0.00428
-9.00	-150.00	0.00444	9.00	-150.00	0.00826
11.00	-150.00	0.00833	13.00	-150.00	0.00838
15.00	-150.00	0.00840	17.00	-150.00	0.00840

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00833	25.00	-150.00	0.00811
30.00	-150.00	0.00779	40.00	-150.00	0.00704
50.00	-150.00	0.00631	60.00	-150.00	0.00564
70.00	-150.00	0.00507	80.00	-150.00	0.00458
90.00	-150.00	0.00416	100.00	-150.00	0.00379
-100.00	-140.00	0.00122	-90.00	-140.00	0.00138
-80.00	-140.00	0.00158	-70.00	-140.00	0.00181
-60.00	-140.00	0.00209	-50.00	-140.00	0.00243



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00283	-30.00	-140.00	0.00327
-25.00	-140.00	0.00352	-20.00	-140.00	0.00377
-17.00	-140.00	0.00393	-15.00	-140.00	0.00405
-13.00	-140.00	0.00417	-11.00	-140.00	0.00431
-9.00	-140.00	0.00448	9.00	-140.00	0.00829
11.00	-140.00	0.00835	13.00	-140.00	0.00839
15.00	-140.00	0.00842	17.00	-140.00	0.00842
20.00	-140.00	0.00835	25.00	-140.00	0.00812
30.00	-140.00	0.00780	40.00	-140.00	0.00706
50.00	-140.00	0.00632	60.00	-140.00	0.00566
70.00	-140.00	0.00508	80.00	-140.00	0.00458
90.00	-140.00	0.00416	100.00	-140.00	0.00379
-100.00	-130.00	0.00126	-90.00	-130.00	0.00143
-80.00	-130.00	0.00163	-70.00	-130.00	0.00186
-60.00	-130.00	0.00214	-50.00	-130.00	0.00248
-40.00	-130.00	0.00287	-30.00	-130.00	0.00331
-25.00	-130.00	0.00354	-20.00	-130.00	0.00380
-17.00	-130.00	0.00396	-15.00	-130.00	0.00407
-13.00	-130.00	0.00419	-11.00	-130.00	0.00433
-9.00	-130.00	0.00450	9.00	-130.00	0.00829
11.00	-130.00	0.00836	13.00	-130.00	0.00841
15.00	-130.00	0.00844	17.00	-130.00	0.00843
20.00	-130.00	0.00836	25.00	-130.00	0.00813
30.00	-130.00	0.00781	40.00	-130.00	0.00707
50.00	-130.00	0.00633	60.00	-130.00	0.00566
70.00	-130.00	0.00508	80.00	-130.00	0.00459
90.00	-130.00	0.00416	100.00	-130.00	0.00379
-100.00	-120.00	0.00130	-90.00	-120.00	0.00147
-80.00	-120.00	0.00166	-70.00	-120.00	0.00190
-60.00	-120.00	0.00218	-50.00	-120.00	0.00251
-40.00	-120.00	0.00290	-30.00	-120.00	0.00333
-25.00	-120.00	0.00357	-20.00	-120.00	0.00382

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00398	-15.00	-120.00	0.00409
-13.00	-120.00	0.00421	-11.00	-120.00	0.00434

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00451	9.00	-120.00	0.00830
11.00	-120.00	0.00837	13.00	-120.00	0.00842
15.00	-120.00	0.00844	17.00	-120.00	0.00844
20.00	-120.00	0.00837	25.00	-120.00	0.00814
30.00	-120.00	0.00782	40.00	-120.00	0.00707
50.00	-120.00	0.00633	60.00	-120.00	0.00567
70.00	-120.00	0.00509	80.00	-120.00	0.00459
90.00	-120.00	0.00416	100.00	-120.00	0.00379
-100.00	-110.00	0.00133	-90.00	-110.00	0.00150
-80.00	-110.00	0.00170	-70.00	-110.00	0.00193
-60.00	-110.00	0.00221	-50.00	-110.00	0.00254
-40.00	-110.00	0.00292	-30.00	-110.00	0.00335
-25.00	-110.00	0.00358	-20.00	-110.00	0.00383
-17.00	-110.00	0.00399	-15.00	-110.00	0.00410
-13.00	-110.00	0.00422	-11.00	-110.00	0.00435
-9.00	-110.00	0.00451	9.00	-110.00	0.00831
11.00	-110.00	0.00837	13.00	-110.00	0.00842
15.00	-110.00	0.00845	17.00	-110.00	0.00844
20.00	-110.00	0.00837	25.00	-110.00	0.00814
30.00	-110.00	0.00782	40.00	-110.00	0.00708
50.00	-110.00	0.00633	60.00	-110.00	0.00567
70.00	-110.00	0.00509	80.00	-110.00	0.00458
90.00	-110.00	0.00415	100.00	-110.00	0.00378
-100.00	-100.00	0.00135	-90.00	-100.00	0.00152
-80.00	-100.00	0.00172	-70.00	-100.00	0.00196
-60.00	-100.00	0.00224	-50.00	-100.00	0.00256
-40.00	-100.00	0.00293	-30.00	-100.00	0.00336
-25.00	-100.00	0.00359	-20.00	-100.00	0.00384
-17.00	-100.00	0.00399	-15.00	-100.00	0.00411
-13.00	-100.00	0.00422	-11.00	-100.00	0.00436
-9.00	-100.00	0.00452	9.00	-100.00	0.00831
11.00	-100.00	0.00837	13.00	-100.00	0.00843
15.00	-100.00	0.00845	17.00	-100.00	0.00844
20.00	-100.00	0.00838	25.00	-100.00	0.00815
30.00	-100.00	0.00782	40.00	-100.00	0.00708
50.00	-100.00	0.00633	60.00	-100.00	0.00566
70.00	-100.00	0.00508	80.00	-100.00	0.00458
90.00	-100.00	0.00415	100.00	-100.00	0.00378

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00138	-90.00	-90.00	0.00155
-80.00	-90.00	0.00175	-70.00	-90.00	0.00198
-60.00	-90.00	0.00225	-50.00	-90.00	0.00257
-40.00	-90.00	0.00294	-30.00	-90.00	0.00337
-25.00	-90.00	0.00360	-20.00	-90.00	0.00384
-17.00	-90.00	0.00400	-15.00	-90.00	0.00411
-13.00	-90.00	0.00423	-11.00	-90.00	0.00436
-9.00	-90.00	0.00452	9.00	-90.00	0.00831
11.00	-90.00	0.00837	13.00	-90.00	0.00842
15.00	-90.00	0.00845	17.00	-90.00	0.00844
20.00	-90.00	0.00837	25.00	-90.00	0.00815
30.00	-90.00	0.00782	40.00	-90.00	0.00707
50.00	-90.00	0.00633	60.00	-90.00	0.00566
70.00	-90.00	0.00508	80.00	-90.00	0.00457
90.00	-90.00	0.00414	100.00	-90.00	0.00377
-100.00	-80.00	0.00139	-90.00	-80.00	0.00156
-80.00	-80.00	0.00176	-70.00	-80.00	0.00199
-60.00	-80.00	0.00227	-50.00	-80.00	0.00258
-40.00	-80.00	0.00295	-30.00	-80.00	0.00337
-25.00	-80.00	0.00360	-20.00	-80.00	0.00385
-17.00	-80.00	0.00400	-15.00	-80.00	0.00411
-13.00	-80.00	0.00423	-11.00	-80.00	0.00436
-9.00	-80.00	0.00452	9.00	-80.00	0.00831
11.00	-80.00	0.00837	13.00	-80.00	0.00842
15.00	-80.00	0.00845	17.00	-80.00	0.00844
20.00	-80.00	0.00837	25.00	-80.00	0.00814
30.00	-80.00	0.00782	40.00	-80.00	0.00707
50.00	-80.00	0.00632	60.00	-80.00	0.00565
70.00	-80.00	0.00507	80.00	-80.00	0.00456
90.00	-80.00	0.00413	100.00	-80.00	0.00376
-100.00	-70.00	0.00141	-90.00	-70.00	0.00158
-80.00	-70.00	0.00178	-70.00	-70.00	0.00201
-60.00	-70.00	0.00227	-50.00	-70.00	0.00259
-40.00	-70.00	0.00295	-30.00	-70.00	0.00337
-25.00	-70.00	0.00360	-20.00	-70.00	0.00385
-17.00	-70.00	0.00400	-15.00	-70.00	0.00411
-13.00	-70.00	0.00423	-11.00	-70.00	0.00436
-9.00	-70.00	0.00452	9.00	-70.00	0.00830
11.00	-70.00	0.00837	13.00	-70.00	0.00842
15.00	-70.00	0.00845	17.00	-70.00	0.00844

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00837	25.00	-70.00	0.00814
30.00	-70.00	0.00781	40.00	-70.00	0.00706
50.00	-70.00	0.00632	60.00	-70.00	0.00564
70.00	-70.00	0.00506	80.00	-70.00	0.00455
90.00	-70.00	0.00412	100.00	-70.00	0.00374
-100.00	-60.00	0.00142	-90.00	-60.00	0.00159
-80.00	-60.00	0.00178	-70.00	-60.00	0.00201
-60.00	-60.00	0.00228	-50.00	-60.00	0.00259
-40.00	-60.00	0.00295	-30.00	-60.00	0.00337
-25.00	-60.00	0.00360	-20.00	-60.00	0.00384
-17.00	-60.00	0.00400	-15.00	-60.00	0.00411
-13.00	-60.00	0.00423	-11.00	-60.00	0.00436
-9.00	-60.00	0.00451	9.00	-60.00	0.00830
11.00	-60.00	0.00836	13.00	-60.00	0.00841
15.00	-60.00	0.00844	17.00	-60.00	0.00843
20.00	-60.00	0.00836	25.00	-60.00	0.00813
30.00	-60.00	0.00781	40.00	-60.00	0.00705
50.00	-60.00	0.00631	60.00	-60.00	0.00563
70.00	-60.00	0.00505	80.00	-60.00	0.00454
90.00	-60.00	0.00411	100.00	-60.00	0.00373
-100.00	-50.00	0.00143	-90.00	-50.00	0.00160
-80.00	-50.00	0.00179	-70.00	-50.00	0.00202
-60.00	-50.00	0.00228	-50.00	-50.00	0.00259
-40.00	-50.00	0.00295	-30.00	-50.00	0.00337
-25.00	-50.00	0.00360	-20.00	-50.00	0.00384
-17.00	-50.00	0.00399	-15.00	-50.00	0.00410
-13.00	-50.00	0.00422	-11.00	-50.00	0.00436
-9.00	-50.00	0.00452	9.00	-50.00	0.00830
11.00	-50.00	0.00836	13.00	-50.00	0.00840
15.00	-50.00	0.00843	17.00	-50.00	0.00842
20.00	-50.00	0.00835	25.00	-50.00	0.00812
30.00	-50.00	0.00780	40.00	-50.00	0.00704
50.00	-50.00	0.00629	60.00	-50.00	0.00562
70.00	-50.00	0.00503	80.00	-50.00	0.00453

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00409	100.00	-50.00	0.00371
-100.00	-40.00	0.00143	-90.00	-40.00	0.00160
-80.00	-40.00	0.00179	-70.00	-40.00	0.00202
-60.00	-40.00	0.00228	-50.00	-40.00	0.00259
-40.00	-40.00	0.00295	-30.00	-40.00	0.00336
-25.00	-40.00	0.00359	-20.00	-40.00	0.00383

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00399	-15.00	-40.00	0.00409
-13.00	-40.00	0.00421	-11.00	-40.00	0.00435
-9.00	-40.00	0.00451	9.00	-40.00	0.00828
11.00	-40.00	0.00835	13.00	-40.00	0.00840
15.00	-40.00	0.00842	17.00	-40.00	0.00841
20.00	-40.00	0.00834	25.00	-40.00	0.00811
30.00	-40.00	0.00778	40.00	-40.00	0.00703
50.00	-40.00	0.00628	60.00	-40.00	0.00560
70.00	-40.00	0.00502	80.00	-40.00	0.00451
90.00	-40.00	0.00407	100.00	-40.00	0.00369
-100.00	-30.00	0.00144	-90.00	-30.00	0.00160
-80.00	-30.00	0.00180	-70.00	-30.00	0.00202
-60.00	-30.00	0.00228	-50.00	-30.00	0.00259
-40.00	-30.00	0.00295	-30.00	-30.00	0.00336
-25.00	-30.00	0.00358	-20.00	-30.00	0.00383
-17.00	-30.00	0.00398	-15.00	-30.00	0.00409
-13.00	-30.00	0.00420	-11.00	-30.00	0.00433
-9.00	-30.00	0.00450	9.00	-30.00	0.00827
11.00	-30.00	0.00833	13.00	-30.00	0.00838
15.00	-30.00	0.00840	17.00	-30.00	0.00840
20.00	-30.00	0.00833	25.00	-30.00	0.00809
30.00	-30.00	0.00777	40.00	-30.00	0.00701
50.00	-30.00	0.00626	60.00	-30.00	0.00559
70.00	-30.00	0.00500	80.00	-30.00	0.00449
90.00	-30.00	0.00405	100.00	-30.00	0.00367
-100.00	-20.00	0.00144	-90.00	-20.00	0.00160
-80.00	-20.00	0.00179	-70.00	-20.00	0.00202
-60.00	-20.00	0.00228	-50.00	-20.00	0.00258

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00294	-30.00	-20.00	0.00335
-25.00	-20.00	0.00358	-20.00	-20.00	0.00381
-17.00	-20.00	0.00397	-15.00	-20.00	0.00408
-13.00	-20.00	0.00419	-11.00	-20.00	0.00432
-9.00	-20.00	0.00448	9.00	-20.00	0.00825
11.00	-20.00	0.00831	13.00	-20.00	0.00837
15.00	-20.00	0.00839	17.00	-20.00	0.00838
20.00	-20.00	0.00831	25.00	-20.00	0.00808
30.00	-20.00	0.00775	40.00	-20.00	0.00700
50.00	-20.00	0.00625	60.00	-20.00	0.00557
70.00	-20.00	0.00498	80.00	-20.00	0.00446
90.00	-20.00	0.00402	100.00	-20.00	0.00364

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00144	-90.00	-10.00	0.00160
-80.00	-10.00	0.00179	-70.00	-10.00	0.00201
-60.00	-10.00	0.00227	-50.00	-10.00	0.00258
-40.00	-10.00	0.00293	-30.00	-10.00	0.00334
-25.00	-10.00	0.00356	-20.00	-10.00	0.00380
-17.00	-10.00	0.00395	-15.00	-10.00	0.00406
-13.00	-10.00	0.00418	-11.00	-10.00	0.00431
-9.00	-10.00	0.00446	9.00	-10.00	0.00824
11.00	-10.00	0.00830	13.00	-10.00	0.00835
15.00	-10.00	0.00837	17.00	-10.00	0.00836
20.00	-10.00	0.00830	25.00	-10.00	0.00806
30.00	-10.00	0.00774	40.00	-10.00	0.00698
50.00	-10.00	0.00623	60.00	-10.00	0.00555
70.00	-10.00	0.00495	80.00	-10.00	0.00444
90.00	-10.00	0.00400	100.00	-10.00	0.00361
-100.00	0.00	0.00144	-90.00	0.00	0.00160
-80.00	0.00	0.00179	-70.00	0.00	0.00201
-60.00	0.00	0.00226	-50.00	0.00	0.00257
-40.00	0.00	0.00292	-30.00	0.00	0.00333
-25.00	0.00	0.00355	-20.00	0.00	0.00379
-17.00	0.00	0.00394	-15.00	0.00	0.00405
-13.00	0.00	0.00416	-11.00	0.00	0.00429

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00445	9.00	0.00	0.00822
11.00	0.00	0.00828	13.00	0.00	0.00833
15.00	0.00	0.00835	17.00	0.00	0.00834
20.00	0.00	0.00828	25.00	0.00	0.00804
30.00	0.00	0.00772	40.00	0.00	0.00696
50.00	0.00	0.00620	60.00	0.00	0.00552
70.00	0.00	0.00492	80.00	0.00	0.00441
90.00	0.00	0.00397	100.00	0.00	0.00358
-100.00	10.00	0.00144	-90.00	10.00	0.00159
-80.00	10.00	0.00178	-70.00	10.00	0.00200
-60.00	10.00	0.00225	-50.00	10.00	0.00256
-40.00	10.00	0.00291	-30.00	10.00	0.00331
-25.00	10.00	0.00354	-20.00	10.00	0.00377
-17.00	10.00	0.00392	-15.00	10.00	0.00403
-13.00	10.00	0.00415	-11.00	10.00	0.00427
-9.00	10.00	0.00443	9.00	10.00	0.00820
11.00	10.00	0.00826	13.00	10.00	0.00831
15.00	10.00	0.00833	17.00	10.00	0.00833

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00825	25.00	10.00	0.00802
30.00	10.00	0.00769	40.00	10.00	0.00693
50.00	10.00	0.00618	60.00	10.00	0.00549
70.00	10.00	0.00489	80.00	10.00	0.00438
90.00	10.00	0.00393	100.00	10.00	0.00355
-100.00	20.00	0.00143	-90.00	20.00	0.00159
-80.00	20.00	0.00177	-70.00	20.00	0.00199
-60.00	20.00	0.00224	-50.00	20.00	0.00254
-40.00	20.00	0.00289	-30.00	20.00	0.00330
-25.00	20.00	0.00352	-20.00	20.00	0.00375
-17.00	20.00	0.00390	-15.00	20.00	0.00401
-13.00	20.00	0.00413	-11.00	20.00	0.00425
-9.00	20.00	0.00441	9.00	20.00	0.00818
11.00	20.00	0.00824	13.00	20.00	0.00829
15.00	20.00	0.00831	17.00	20.00	0.00830
20.00	20.00	0.00823	25.00	20.00	0.00799

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00767	40.00	20.00	0.00690
50.00	20.00	0.00615	60.00	20.00	0.00546
70.00	20.00	0.00486	80.00	20.00	0.00434
90.00	20.00	0.00389	100.00	20.00	0.00351
-100.00	30.00	0.00142	-90.00	30.00	0.00158
-80.00	30.00	0.00176	-70.00	30.00	0.00198
-60.00	30.00	0.00223	-50.00	30.00	0.00253
-40.00	30.00	0.00288	-30.00	30.00	0.00328
-25.00	30.00	0.00350	-20.00	30.00	0.00373
-17.00	30.00	0.00388	-15.00	30.00	0.00399
-13.00	30.00	0.00411	-11.00	30.00	0.00423
-9.00	30.00	0.00439	9.00	30.00	0.00816
11.00	30.00	0.00822	13.00	30.00	0.00826
15.00	30.00	0.00829	17.00	30.00	0.00828
20.00	30.00	0.00820	25.00	30.00	0.00797
30.00	30.00	0.00764	40.00	30.00	0.00687
50.00	30.00	0.00611	60.00	30.00	0.00542
70.00	30.00	0.00482	80.00	30.00	0.00430
90.00	30.00	0.00385	100.00	30.00	0.00346
-100.00	40.00	0.00141	-90.00	40.00	0.00157
-80.00	40.00	0.00175	-70.00	40.00	0.00197
-60.00	40.00	0.00222	-50.00	40.00	0.00251
-40.00	40.00	0.00286	-30.00	40.00	0.00326
-25.00	40.00	0.00348	-20.00	40.00	0.00371

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00386	-15.00	40.00	0.00397
-13.00	40.00	0.00408	-11.00	40.00	0.00421
-9.00	40.00	0.00437	9.00	40.00	0.00813
11.00	40.00	0.00819	13.00	40.00	0.00823
15.00	40.00	0.00825	17.00	40.00	0.00825
20.00	40.00	0.00817	25.00	40.00	0.00794
30.00	40.00	0.00760	40.00	40.00	0.00683
50.00	40.00	0.00607	60.00	40.00	0.00538
70.00	40.00	0.00477	80.00	40.00	0.00425
90.00	40.00	0.00380	100.00	40.00	0.00341



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00140	-90.00	50.00	0.00156
-80.00	50.00	0.00174	-70.00	50.00	0.00195
-60.00	50.00	0.00220	-50.00	50.00	0.00250
-40.00	50.00	0.00284	-30.00	50.00	0.00324
-25.00	50.00	0.00345	-20.00	50.00	0.00369
-17.00	50.00	0.00383	-15.00	50.00	0.00394
-13.00	50.00	0.00405	-11.00	50.00	0.00418
-9.00	50.00	0.00434	9.00	50.00	0.00809
11.00	50.00	0.00816	13.00	50.00	0.00820
15.00	50.00	0.00822	17.00	50.00	0.00821
20.00	50.00	0.00814	25.00	50.00	0.00790
30.00	50.00	0.00756	40.00	50.00	0.00679
50.00	50.00	0.00603	60.00	50.00	0.00533
70.00	50.00	0.00472	80.00	50.00	0.00420
90.00	50.00	0.00374	100.00	50.00	0.00335
-100.00	60.00	0.00139	-90.00	60.00	0.00155
-80.00	60.00	0.00173	-70.00	60.00	0.00194
-60.00	60.00	0.00218	-50.00	60.00	0.00248
-40.00	60.00	0.00282	-30.00	60.00	0.00321
-25.00	60.00	0.00343	-20.00	60.00	0.00366
-17.00	60.00	0.00381	-15.00	60.00	0.00391
-13.00	60.00	0.00402	-11.00	60.00	0.00415
-9.00	60.00	0.00431	9.00	60.00	0.00805
11.00	60.00	0.00811	13.00	60.00	0.00816
15.00	60.00	0.00818	17.00	60.00	0.00817
20.00	60.00	0.00810	25.00	60.00	0.00786
30.00	60.00	0.00752	40.00	60.00	0.00675
50.00	60.00	0.00598	60.00	60.00	0.00528
70.00	60.00	0.00467	80.00	60.00	0.00414
90.00	60.00	0.00368	100.00	60.00	0.00329

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00138	-90.00	70.00	0.00153
-80.00	70.00	0.00171	-70.00	70.00	0.00192
-60.00	70.00	0.00216	-50.00	70.00	0.00245
-40.00	70.00	0.00279	-30.00	70.00	0.00318

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00340	-20.00	70.00	0.00363
-17.00	70.00	0.00377	-15.00	70.00	0.00387
-13.00	70.00	0.00399	-11.00	70.00	0.00411
-9.00	70.00	0.00427	9.00	70.00	0.00801
11.00	70.00	0.00807	13.00	70.00	0.00812
15.00	70.00	0.00814	17.00	70.00	0.00813
20.00	70.00	0.00805	25.00	70.00	0.00781
30.00	70.00	0.00747	40.00	70.00	0.00669
50.00	70.00	0.00592	60.00	70.00	0.00522
70.00	70.00	0.00460	80.00	70.00	0.00407
90.00	70.00	0.00361	100.00	70.00	0.00322
-100.00	80.00	0.00136	-90.00	80.00	0.00151
-80.00	80.00	0.00169	-70.00	80.00	0.00190
-60.00	80.00	0.00214	-50.00	80.00	0.00243
-40.00	80.00	0.00277	-30.00	80.00	0.00315
-25.00	80.00	0.00337	-20.00	80.00	0.00359
-17.00	80.00	0.00373	-15.00	80.00	0.00384
-13.00	80.00	0.00395	-11.00	80.00	0.00407
-9.00	80.00	0.00422	9.00	80.00	0.00796
11.00	80.00	0.00802	13.00	80.00	0.00807
15.00	80.00	0.00809	17.00	80.00	0.00808
20.00	80.00	0.00800	25.00	80.00	0.00776
30.00	80.00	0.00742	40.00	80.00	0.00663
50.00	80.00	0.00585	60.00	80.00	0.00514
70.00	80.00	0.00452	80.00	80.00	0.00399
90.00	80.00	0.00353	100.00	80.00	0.00313
-100.00	90.00	0.00135	-90.00	90.00	0.00150
-80.00	90.00	0.00167	-70.00	90.00	0.00188
-60.00	90.00	0.00212	-50.00	90.00	0.00240
-40.00	90.00	0.00274	-30.00	90.00	0.00312
-25.00	90.00	0.00333	-20.00	90.00	0.00355
-17.00	90.00	0.00369	-15.00	90.00	0.00379
-13.00	90.00	0.00390	-11.00	90.00	0.00403
-9.00	90.00	0.00418	9.00	90.00	0.00791
11.00	90.00	0.00797	13.00	90.00	0.00801
15.00	90.00	0.00803	17.00	90.00	0.00802

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

03NCRA PL93-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00794	25.00	90.00	0.00770
30.00	90.00	0.00735	40.00	90.00	0.00656
50.00	90.00	0.00577	60.00	90.00	0.00506
70.00	90.00	0.00443	80.00	90.00	0.00390
90.00	90.00	0.00343	100.00	90.00	0.00304
-100.00	100.00	0.00133	-90.00	100.00	0.00148
-80.00	100.00	0.00165	-70.00	100.00	0.00185
-60.00	100.00	0.00209	-50.00	100.00	0.00237
-40.00	100.00	0.00270	-30.00	100.00	0.00308
-25.00	100.00	0.00329	-20.00	100.00	0.00350
-17.00	100.00	0.00365	-15.00	100.00	0.00375
-13.00	100.00	0.00385	-11.00	100.00	0.00398
-9.00	100.00	0.00413	9.00	100.00	0.00785
11.00	100.00	0.00791	13.00	100.00	0.00795
15.00	100.00	0.00797	17.00	100.00	0.00795
20.00	100.00	0.00787	25.00	100.00	0.00762
30.00	100.00	0.00728	40.00	100.00	0.00648
50.00	100.00	0.00568	60.00	100.00	0.00496
70.00	100.00	0.00433	80.00	100.00	0.00379
90.00	100.00	0.00333	100.00	100.00	0.00293
-100.00	110.00	0.00131	-90.00	110.00	0.00145
-80.00	110.00	0.00162	-70.00	110.00	0.00182
-60.00	110.00	0.00206	-50.00	110.00	0.00234
-40.00	110.00	0.00266	-30.00	110.00	0.00304
-25.00	110.00	0.00324	-20.00	110.00	0.00345
-17.00	110.00	0.00359	-15.00	110.00	0.00369
-13.00	110.00	0.00380	-11.00	110.00	0.00392
-9.00	110.00	0.00407	9.00	110.00	0.00778
11.00	110.00	0.00783	13.00	110.00	0.00788
15.00	110.00	0.00790	17.00	110.00	0.00788
20.00	110.00	0.00780	25.00	110.00	0.00754
30.00	110.00	0.00719	40.00	110.00	0.00638
50.00	110.00	0.00557	60.00	110.00	0.00484
70.00	110.00	0.00421	80.00	110.00	0.00367
90.00	110.00	0.00320	100.00	110.00	0.00281
-100.00	120.00	0.00130	-90.00	120.00	0.00143
-80.00	120.00	0.00159	-70.00	120.00	0.00179
-60.00	120.00	0.00202	-50.00	120.00	0.00230
-40.00	120.00	0.00262	-30.00	120.00	0.00299
-25.00	120.00	0.00319	-20.00	120.00	0.00340

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:05:15

\*\*MODELOPTs:  
PAGE 137

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00353	-15.00	120.00	0.00363
-13.00	120.00	0.00374	-11.00	120.00	0.00386
-9.00	120.00	0.00400	9.00	120.00	0.00770
11.00	120.00	0.00775	13.00	120.00	0.00779
15.00	120.00	0.00781	17.00	120.00	0.00779
20.00	120.00	0.00770	25.00	120.00	0.00744
30.00	120.00	0.00708	40.00	120.00	0.00626
50.00	120.00	0.00544	60.00	120.00	0.00470
70.00	120.00	0.00407	80.00	120.00	0.00352
90.00	120.00	0.00306	100.00	120.00	0.00266
-100.00	130.00	0.00128	-90.00	130.00	0.00141
-80.00	130.00	0.00157	-70.00	130.00	0.00176
-60.00	130.00	0.00199	-50.00	130.00	0.00226
-40.00	130.00	0.00257	-30.00	130.00	0.00293
-25.00	130.00	0.00313	-20.00	130.00	0.00333
-17.00	130.00	0.00347	-15.00	130.00	0.00356
-13.00	130.00	0.00366	-11.00	130.00	0.00378
-9.00	130.00	0.00393	9.00	130.00	0.00761
11.00	130.00	0.00766	13.00	130.00	0.00769
15.00	130.00	0.00770	17.00	130.00	0.00768
20.00	130.00	0.00759	25.00	130.00	0.00732
30.00	130.00	0.00695	40.00	130.00	0.00611
50.00	130.00	0.00528	60.00	130.00	0.00454
70.00	130.00	0.00390	80.00	130.00	0.00335
90.00	130.00	0.00289	100.00	130.00	0.00249
-100.00	140.00	0.00126	-90.00	140.00	0.00139
-80.00	140.00	0.00154	-70.00	140.00	0.00172
-60.00	140.00	0.00194	-50.00	140.00	0.00221
-40.00	140.00	0.00252	-30.00	140.00	0.00287
-25.00	140.00	0.00306	-20.00	140.00	0.00326
-17.00	140.00	0.00339	-15.00	140.00	0.00348
-13.00	140.00	0.00358	-11.00	140.00	0.00369
-9.00	140.00	0.00384	9.00	140.00	0.00748
11.00	140.00	0.00754	13.00	140.00	0.00757
15.00	140.00	0.00758	17.00	140.00	0.00755
20.00	140.00	0.00745	25.00	140.00	0.00717

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00679	40.00	140.00	0.00593
50.00	140.00	0.00508	60.00	140.00	0.00433
70.00	140.00	0.00369	80.00	140.00	0.00314
90.00	140.00	0.00268	100.00	140.00	0.00230

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:05:15  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00124	-90.00	150.00	0.00137
-80.00	150.00	0.00151	-70.00	150.00	0.00169
-60.00	150.00	0.00190	-50.00	150.00	0.00215
-40.00	150.00	0.00246	-30.00	150.00	0.00280
-25.00	150.00	0.00298	-20.00	150.00	0.00318
-17.00	150.00	0.00330	-15.00	150.00	0.00339
-13.00	150.00	0.00348	-11.00	150.00	0.00359
-9.00	150.00	0.00373	9.00	150.00	0.00734
11.00	150.00	0.00739	13.00	150.00	0.00742
15.00	150.00	0.00742	17.00	150.00	0.00739
20.00	150.00	0.00728	25.00	150.00	0.00698
30.00	150.00	0.00659	40.00	150.00	0.00570
50.00	150.00	0.00484	60.00	150.00	0.00409
70.00	150.00	0.00344	80.00	150.00	0.00290
90.00	150.00	0.00245	100.00	150.00	0.00208
-100.00	160.00	0.00122	-90.00	160.00	0.00134
-80.00	160.00	0.00149	-70.00	160.00	0.00165
-60.00	160.00	0.00185	-50.00	160.00	0.00209
-40.00	160.00	0.00238	-30.00	160.00	0.00272
-25.00	160.00	0.00290	-20.00	160.00	0.00308
-17.00	160.00	0.00320	-15.00	160.00	0.00328
-13.00	160.00	0.00337	-11.00	160.00	0.00347
-9.00	160.00	0.00360	9.00	160.00	0.00717
11.00	160.00	0.00720	13.00	160.00	0.00723
15.00	160.00	0.00722	17.00	160.00	0.00718
20.00	160.00	0.00706	25.00	160.00	0.00674
30.00	160.00	0.00633	40.00	160.00	0.00541
50.00	160.00	0.00454	60.00	160.00	0.00377
70.00	160.00	0.00313	80.00	160.00	0.00261
90.00	160.00	0.00218	100.00	160.00	0.00185

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00120	-90.00	170.00	0.00132
-80.00	170.00	0.00146	-70.00	170.00	0.00162
-60.00	170.00	0.00181	-50.00	170.00	0.00203
-40.00	170.00	0.00230	-30.00	170.00	0.00262
-25.00	170.00	0.00279	-20.00	170.00	0.00297
-17.00	170.00	0.00308	-15.00	170.00	0.00316
-13.00	170.00	0.00324	-11.00	170.00	0.00334
-9.00	170.00	0.00346	9.00	170.00	0.00695
11.00	170.00	0.00698	13.00	170.00	0.00699
15.00	170.00	0.00697	17.00	170.00	0.00692

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00678	25.00	170.00	0.00643
30.00	170.00	0.00598	40.00	170.00	0.00503
50.00	170.00	0.00414	60.00	170.00	0.00338
70.00	170.00	0.00276	80.00	170.00	0.00228
90.00	170.00	0.00190	100.00	170.00	0.00160
-100.00	180.00	0.00117	-90.00	180.00	0.00129
-80.00	180.00	0.00142	-70.00	180.00	0.00158
-60.00	180.00	0.00176	-50.00	180.00	0.00198
-40.00	180.00	0.00222	-30.00	180.00	0.00252
-25.00	180.00	0.00268	-20.00	180.00	0.00284
-17.00	180.00	0.00294	-15.00	180.00	0.00301
-13.00	180.00	0.00309	-11.00	180.00	0.00318
-9.00	180.00	0.00329	9.00	180.00	0.00667
11.00	180.00	0.00668	13.00	180.00	0.00667
15.00	180.00	0.00663	17.00	180.00	0.00656
20.00	180.00	0.00639	25.00	180.00	0.00599
30.00	180.00	0.00552	40.00	180.00	0.00453
50.00	180.00	0.00363	60.00	180.00	0.00290
70.00	180.00	0.00234	80.00	180.00	0.00192
90.00	180.00	0.00160	100.00	180.00	0.00136
-100.00	190.00	0.00114	-90.00	190.00	0.00125
-80.00	190.00	0.00138	-70.00	190.00	0.00154
-60.00	190.00	0.00171	-50.00	190.00	0.00192
-40.00	190.00	0.00215	-30.00	190.00	0.00240

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00255	-20.00	190.00	0.00270
-17.00	190.00	0.00279	-15.00	190.00	0.00285
-13.00	190.00	0.00292	-11.00	190.00	0.00300
-9.00	190.00	0.00310	9.00	190.00	0.00630
11.00	190.00	0.00628	13.00	190.00	0.00624
15.00	190.00	0.00616	17.00	190.00	0.00606
20.00	190.00	0.00584	25.00	190.00	0.00538
30.00	190.00	0.00486	40.00	190.00	0.00384
50.00	190.00	0.00299	60.00	190.00	0.00236
70.00	190.00	0.00190	80.00	190.00	0.00157
90.00	190.00	0.00132	100.00	190.00	0.00112
-100.00	200.00	0.00111	-90.00	200.00	0.00122
-80.00	200.00	0.00134	-70.00	200.00	0.00149
-60.00	200.00	0.00166	-50.00	200.00	0.00185
-40.00	200.00	0.00207	-30.00	200.00	0.00230
-25.00	200.00	0.00241	-20.00	200.00	0.00254

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00261	-15.00	200.00	0.00267
-13.00	200.00	0.00273	-11.00	200.00	0.00279
-9.00	200.00	0.00288	9.00	200.00	0.00577
11.00	200.00	0.00568	13.00	200.00	0.00558
15.00	200.00	0.00545	17.00	200.00	0.00529
20.00	200.00	0.00500	25.00	200.00	0.00446
30.00	200.00	0.00390	40.00	200.00	0.00296
50.00	200.00	0.00228	60.00	200.00	0.00181
70.00	200.00	0.00148	80.00	200.00	0.00124
90.00	200.00	0.00105	100.00	200.00	0.00091
-100.00	210.00	0.00108	-90.00	210.00	0.00118
-80.00	210.00	0.00129	-70.00	210.00	0.00143
-60.00	210.00	0.00159	-50.00	210.00	0.00177
-40.00	210.00	0.00198	-30.00	210.00	0.00219
-25.00	210.00	0.00230	-20.00	210.00	0.00239
-17.00	210.00	0.00244	-15.00	210.00	0.00248
-13.00	210.00	0.00252	-11.00	210.00	0.00256
-9.00	210.00	0.00263	9.00	210.00	0.00487

03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00465	13.00	210.00	0.00444
15.00	210.00	0.00421	17.00	210.00	0.00398
20.00	210.00	0.00363	25.00	210.00	0.00310
30.00	210.00	0.00266	40.00	210.00	0.00203
50.00	210.00	0.00161	60.00	210.00	0.00132
70.00	210.00	0.00111	80.00	210.00	0.00095
90.00	210.00	0.00083	100.00	210.00	0.00073
-100.00	220.00	0.00103	-90.00	220.00	0.00112
-80.00	220.00	0.00123	-70.00	220.00	0.00136
-60.00	220.00	0.00150	-50.00	220.00	0.00167
-40.00	220.00	0.00186	-30.00	220.00	0.00206
-25.00	220.00	0.00216	-20.00	220.00	0.00224
-17.00	220.00	0.00228	-15.00	220.00	0.00230
-13.00	220.00	0.00232	-11.00	220.00	0.00234
-9.00	220.00	0.00237	9.00	220.00	0.00280
11.00	220.00	0.00252	13.00	220.00	0.00233
15.00	220.00	0.00218	17.00	220.00	0.00207
20.00	220.00	0.00192	25.00	220.00	0.00171
30.00	220.00	0.00154	40.00	220.00	0.00127
50.00	220.00	0.00108	60.00	220.00	0.00093
70.00	220.00	0.00081	80.00	220.00	0.00072
90.00	220.00	0.00064	100.00	220.00	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00097	-90.00	230.00	0.00105
-80.00	230.00	0.00115	-70.00	230.00	0.00126
-60.00	230.00	0.00138	-50.00	230.00	0.00152
-40.00	230.00	0.00167	-30.00	230.00	0.00182
-25.00	230.00	0.00188	-20.00	230.00	0.00192
-17.00	230.00	0.00192	-15.00	230.00	0.00191
-13.00	230.00	0.00189	-11.00	230.00	0.00186
-9.00	230.00	0.00179	9.00	230.00	0.00103
11.00	230.00	0.00102	13.00	230.00	0.00101
15.00	230.00	0.00100	17.00	230.00	0.00099
20.00	230.00	0.00097	25.00	230.00	0.00093
30.00	230.00	0.00089	40.00	230.00	0.00081



03NCRA\_PL93-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00073	60.00	230.00	0.00066
70.00	230.00	0.00060	80.00	230.00	0.00055
90.00	230.00	0.00050	100.00	230.00	0.00046
-100.00	240.00	0.00091	-90.00	240.00	0.00097
-80.00	240.00	0.00105	-70.00	240.00	0.00114
-60.00	240.00	0.00123	-50.00	240.00	0.00133
-40.00	240.00	0.00142	-30.00	240.00	0.00148
-25.00	240.00	0.00147	-20.00	240.00	0.00144
-17.00	240.00	0.00139	-15.00	240.00	0.00135
-13.00	240.00	0.00129	-11.00	240.00	0.00122
-9.00	240.00	0.00114	9.00	240.00	0.00074
11.00	240.00	0.00074	13.00	240.00	0.00073
15.00	240.00	0.00072	17.00	240.00	0.00070
20.00	240.00	0.00069	25.00	240.00	0.00065
30.00	240.00	0.00063	40.00	240.00	0.00058
50.00	240.00	0.00054	60.00	240.00	0.00050
70.00	240.00	0.00047	80.00	240.00	0.00043
90.00	240.00	0.00040	100.00	240.00	0.00038
-100.00	250.00	0.00083	-90.00	250.00	0.00089
-80.00	250.00	0.00095	-70.00	250.00	0.00101
-60.00	250.00	0.00107	-50.00	250.00	0.00113
-40.00	250.00	0.00116	-30.00	250.00	0.00114
-25.00	250.00	0.00110	-20.00	250.00	0.00104
-17.00	250.00	0.00098	-15.00	250.00	0.00093
-13.00	250.00	0.00089	-11.00	250.00	0.00084
-9.00	250.00	0.00079	9.00	250.00	0.00057
11.00	250.00	0.00057	13.00	250.00	0.00056
15.00	250.00	0.00056	17.00	250.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00054	25.00	250.00	0.00052
30.00	250.00	0.00050	40.00	250.00	0.00046
50.00	250.00	0.00043	60.00	250.00	0.00040
70.00	250.00	0.00038	80.00	250.00	0.00036
90.00	250.00	0.00034	100.00	250.00	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00671 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT ( 15.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT ( 13.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT ( 17.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT ( 9.00, 150.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT ( 20.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00671 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT ( 15.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT ( 13.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT ( 17.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT ( 9.00, 60.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT ( 20.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00671 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT ( 15.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT ( 13.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT ( 17.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT ( 9.00, -30.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT ( 20.00, -30.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00671 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT ( 15.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT ( 13.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT ( 17.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT ( 9.00, -120.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT ( 20.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00671 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT ( 17.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT ( 15.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT ( 13.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT ( 11.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT ( 11.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT ( 17.00, -200.00, 0.00, 1.20)	DC	NA

		03NCRA PL93-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00661	AT (	9.00,	-210.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661	AT (	20.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00845	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00845	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00845	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00845	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00845	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00844	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-80.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-90.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:05:15

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 8 Informational Message(s)  
 A Total of 8 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 10:11:24

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
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RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2

RE DISCCART -11.0 -240.0 1.2  
RE DISCCART -9.0 -240.0 1.2  
RE DISCCART 9.0 -240.0 1.2  
RE DISCCART 11.0 -240.0 1.2  
RE DISCCART 13.0 -240.0 1.2  
RE DISCCART 15.0 -240.0 1.2  
RE DISCCART 17.0 -240.0 1.2  
RE DISCCART 20.0 -240.0 1.2  
RE DISCCART 25.0 -240.0 1.2  
RE DISCCART 30.0 -240.0 1.2  
RE DISCCART 40.0 -240.0 1.2  
RE DISCCART 50.0 -240.0 1.2  
RE DISCCART 60.0 -240.0 1.2  
RE DISCCART 70.0 -240.0 1.2  
RE DISCCART 80.0 -240.0 1.2  
RE DISCCART 90.0 -240.0 1.2  
RE DISCCART 100.0 -240.0 1.2  
RE DISCCART -100.0 -230.0 1.2  
RE DISCCART -90.0 -230.0 1.2  
RE DISCCART -80.0 -230.0 1.2  
RE DISCCART -70.0 -230.0 1.2  
RE DISCCART -60.0 -230.0 1.2  
RE DISCCART -50.0 -230.0 1.2  
RE DISCCART -40.0 -230.0 1.2  
RE DISCCART -30.0 -230.0 1.2  
RE DISCCART -25.0 -230.0 1.2  
RE DISCCART -20.0 -230.0 1.2  
RE DISCCART -17.0 -230.0 1.2  
RE DISCCART -15.0 -230.0 1.2  
RE DISCCART -13.0 -230.0 1.2  
RE DISCCART -11.0 -230.0 1.2  
RE DISCCART -9.0 -230.0 1.2  
RE DISCCART 9.0 -230.0 1.2  
RE DISCCART 11.0 -230.0 1.2  
RE DISCCART 13.0 -230.0 1.2  
RE DISCCART 15.0 -230.0 1.2  
RE DISCCART 17.0 -230.0 1.2  
RE DISCCART 20.0 -230.0 1.2  
RE DISCCART 25.0 -230.0 1.2  
RE DISCCART 30.0 -230.0 1.2  
RE DISCCART 40.0 -230.0 1.2  
RE DISCCART 50.0 -230.0 1.2  
RE DISCCART 60.0 -230.0 1.2  
RE DISCCART 70.0 -230.0 1.2

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
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RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
RE DISCCART	-20.0	-220.0	1.2
RE DISCCART	-17.0	-220.0	1.2
RE DISCCART	-15.0	-220.0	1.2
RE DISCCART	-13.0	-220.0	1.2
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RE DISCCART	9.0	-220.0	1.2
RE DISCCART	11.0	-220.0	1.2
RE DISCCART	13.0	-220.0	1.2
RE DISCCART	15.0	-220.0	1.2
RE DISCCART	17.0	-220.0	1.2
RE DISCCART	20.0	-220.0	1.2
RE DISCCART	25.0	-220.0	1.2
RE DISCCART	30.0	-220.0	1.2
RE DISCCART	40.0	-220.0	1.2
RE DISCCART	50.0	-220.0	1.2
RE DISCCART	60.0	-220.0	1.2
RE DISCCART	70.0	-220.0	1.2
RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
RE DISCCART	-100.0	-210.0	1.2
RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
RE DISCCART	-60.0	-210.0	1.2
RE DISCCART	-50.0	-210.0	1.2
RE DISCCART	-40.0	-210.0	1.2
RE DISCCART	-30.0	-210.0	1.2
RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
RE DISCCART	-11.0	-210.0	1.2
RE DISCCART	-9.0	-210.0	1.2
RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
RE DISCCART	13.0	-210.0	1.2
RE DISCCART	15.0	-210.0	1.2
RE DISCCART	17.0	-210.0	1.2
RE DISCCART	20.0	-210.0	1.2
RE DISCCART	25.0	-210.0	1.2
RE DISCCART	30.0	-210.0	1.2
RE DISCCART	40.0	-210.0	1.2
RE DISCCART	50.0	-210.0	1.2
RE DISCCART	60.0	-210.0	1.2
RE DISCCART	70.0	-210.0	1.2
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RE DISCCART	-70.0	-200.0	1.2
RE DISCCART	-60.0	-200.0	1.2
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RE DISCCART	-30.0	-200.0	1.2
RE DISCCART	-25.0	-200.0	1.2
RE DISCCART	-20.0	-200.0	1.2
RE DISCCART	-17.0	-200.0	1.2
RE DISCCART	-15.0	-200.0	1.2
RE DISCCART	-13.0	-200.0	1.2
RE DISCCART	-11.0	-200.0	1.2
RE DISCCART	-9.0	-200.0	1.2
RE DISCCART	9.0	-200.0	1.2
RE DISCCART	11.0	-200.0	1.2
RE DISCCART	13.0	-200.0	1.2
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RE DISCCART	17.0	-200.0	1.2
RE DISCCART	20.0	-200.0	1.2
RE DISCCART	25.0	-200.0	1.2
RE DISCCART	30.0	-200.0	1.2
RE DISCCART	40.0	-200.0	1.2
RE DISCCART	50.0	-200.0	1.2



RE DISCCART	60.0	-200.0	1.2
RE DISCCART	70.0	-200.0	1.2
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RE DISCCART	-25.0	-180.0	1.2

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RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
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RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
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RE DISCCART	17.0	-180.0	1.2
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RE DISCCART	25.0	-180.0	1.2
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RE DISCCART	40.0	-180.0	1.2
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RE DISCCART	-25.0	-170.0	1.2
RE DISCCART	-20.0	-170.0	1.2
RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
RE DISCCART	-13.0	-170.0	1.2
RE DISCCART	-11.0	-170.0	1.2
RE DISCCART	-9.0	-170.0	1.2
RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
RE DISCCART	13.0	-170.0	1.2
RE DISCCART	15.0	-170.0	1.2
RE DISCCART	17.0	-170.0	1.2
RE DISCCART	20.0	-170.0	1.2
RE DISCCART	25.0	-170.0	1.2
RE DISCCART	30.0	-170.0	1.2

RE DISCCART	40.0	-170.0	1.2
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RE DISCCART	9.0	-160.0	1.2
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RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

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RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
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RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
RE DISCCART	11.0	-130.0	1.2
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RE DISCCART	15.0	-130.0	1.2
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RE DISCCART	-90.0	-120.0	1.2
RE DISCCART	-80.0	-120.0	1.2
RE DISCCART	-70.0	-120.0	1.2
RE DISCCART	-60.0	-120.0	1.2

RE DISCCART	-50.0	-120.0	1.2
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RE DISCCART	-9.0	-120.0	1.2
RE DISCCART	9.0	-120.0	1.2
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RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
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RE DISCCART	13.0	180.0	1.2
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RE DISCCART	17.0	180.0	1.2
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RE DISCCART	90.0	180.0	1.2

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RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
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RE DISCCART	11.0	230.0	1.2
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RE DISCCART	40.0	230.0	1.2
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RE DISCCART	-40.0	240.0	1.2
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RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2  
RE DISCCART 70.0 240.0 1.2  
RE DISCCART 80.0 240.0 1.2  
RE DISCCART 90.0 240.0 1.2  
RE DISCCART 100.0 240.0 1.2  
RE DISCCART -100.0 250.0 1.2  
RE DISCCART -90.0 250.0 1.2  
RE DISCCART -80.0 250.0 1.2  
RE DISCCART -70.0 250.0 1.2  
RE DISCCART -60.0 250.0 1.2  
RE DISCCART -50.0 250.0 1.2  
RE DISCCART -40.0 250.0 1.2  
RE DISCCART -30.0 250.0 1.2  
RE DISCCART -25.0 250.0 1.2  
RE DISCCART -20.0 250.0 1.2  
RE DISCCART -17.0 250.0 1.2  
RE DISCCART -15.0 250.0 1.2  
RE DISCCART -13.0 250.0 1.2  
RE DISCCART -11.0 250.0 1.2  
RE DISCCART -9.0 250.0 1.2  
RE DISCCART 9.0 250.0 1.2  
RE DISCCART 11.0 250.0 1.2  
RE DISCCART 13.0 250.0 1.2  
RE DISCCART 15.0 250.0 1.2  
RE DISCCART 17.0 250.0 1.2  
RE DISCCART 20.0 250.0 1.2  
RE DISCCART 25.0 250.0 1.2  
RE DISCCART 30.0 250.0 1.2  
RE DISCCART 40.0 250.0 1.2  
RE DISCCART 50.0 250.0 1.2  
RE DISCCART 60.0 250.0 1.2  
RE DISCCART 70.0 250.0 1.2  
RE DISCCART 80.0 250.0 1.2  
RE DISCCART 90.0 250.0 1.2  
RE DISCCART 100.0 250.0 1.2  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET94300.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 9901 1994  
ME UAIRDATA 9901 1994  
ME STARTEND 1994 01 01 1 1994 12 31 24  
ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\04NCRA~2.DAT





04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -40.0, -250.0, 0.0, 1.2);	( -30.0, -250.0, 0.0, 1.2);
( -25.0, -250.0, 0.0, 1.2);	( -20.0, -250.0, 0.0, 1.2);
( -17.0, -250.0, 0.0, 1.2);	( -15.0, -250.0, 0.0, 1.2);
( -13.0, -250.0, 0.0, 1.2);	( -11.0, -250.0, 0.0, 1.2);
( -9.0, -250.0, 0.0, 1.2);	( 9.0, -250.0, 0.0, 1.2);
( 11.0, -250.0, 0.0, 1.2);	( 13.0, -250.0, 0.0, 1.2);
( 15.0, -250.0, 0.0, 1.2);	( 17.0, -250.0, 0.0, 1.2);
( 20.0, -250.0, 0.0, 1.2);	( 25.0, -250.0, 0.0, 1.2);
( 30.0, -250.0, 0.0, 1.2);	( 40.0, -250.0, 0.0, 1.2);
( 50.0, -250.0, 0.0, 1.2);	( 60.0, -250.0, 0.0, 1.2);
( 70.0, -250.0, 0.0, 1.2);	( 80.0, -250.0, 0.0, 1.2);
( 90.0, -250.0, 0.0, 1.2);	( 100.0, -250.0, 0.0, 1.2);
( -100.0, -240.0, 0.0, 1.2);	( -90.0, -240.0, 0.0, 1.2);
( -80.0, -240.0, 0.0, 1.2);	( -70.0, -240.0, 0.0, 1.2);
( -60.0, -240.0, 0.0, 1.2);	( -50.0, -240.0, 0.0, 1.2);
( -40.0, -240.0, 0.0, 1.2);	( -30.0, -240.0, 0.0, 1.2);
( -25.0, -240.0, 0.0, 1.2);	( -20.0, -240.0, 0.0, 1.2);
( -17.0, -240.0, 0.0, 1.2);	( -15.0, -240.0, 0.0, 1.2);
( -13.0, -240.0, 0.0, 1.2);	( -11.0, -240.0, 0.0, 1.2);
( -9.0, -240.0, 0.0, 1.2);	( 9.0, -240.0, 0.0, 1.2);
( 11.0, -240.0, 0.0, 1.2);	( 13.0, -240.0, 0.0, 1.2);
( 15.0, -240.0, 0.0, 1.2);	( 17.0, -240.0, 0.0, 1.2);
( 20.0, -240.0, 0.0, 1.2);	( 25.0, -240.0, 0.0, 1.2);
( 30.0, -240.0, 0.0, 1.2);	( 40.0, -240.0, 0.0, 1.2);
( 50.0, -240.0, 0.0, 1.2);	( 60.0, -240.0, 0.0, 1.2);
( 70.0, -240.0, 0.0, 1.2);	( 80.0, -240.0, 0.0, 1.2);
( 90.0, -240.0, 0.0, 1.2);	( 100.0, -240.0, 0.0, 1.2);
( -100.0, -230.0, 0.0, 1.2);	( -90.0, -230.0, 0.0, 1.2);
( -80.0, -230.0, 0.0, 1.2);	( -70.0, -230.0, 0.0, 1.2);
( -60.0, -230.0, 0.0, 1.2);	( -50.0, -230.0, 0.0, 1.2);
( -40.0, -230.0, 0.0, 1.2);	( -30.0, -230.0, 0.0, 1.2);
( -25.0, -230.0, 0.0, 1.2);	( -20.0, -230.0, 0.0, 1.2);
( -17.0, -230.0, 0.0, 1.2);	( -15.0, -230.0, 0.0, 1.2);
( -13.0, -230.0, 0.0, 1.2);	( -11.0, -230.0, 0.0, 1.2);
( -9.0, -230.0, 0.0, 1.2);	( 9.0, -230.0, 0.0, 1.2);
( 11.0, -230.0, 0.0, 1.2);	( 13.0, -230.0, 0.0, 1.2);
( 15.0, -230.0, 0.0, 1.2);	( 17.0, -230.0, 0.0, 1.2);
( 20.0, -230.0, 0.0, 1.2);	( 25.0, -230.0, 0.0, 1.2);
( 30.0, -230.0, 0.0, 1.2);	( 40.0, -230.0, 0.0, 1.2);
( 50.0, -230.0, 0.0, 1.2);	( 60.0, -230.0, 0.0, 1.2);
( 70.0, -230.0, 0.0, 1.2);	( 80.0, -230.0, 0.0, 1.2);
( 90.0, -230.0, 0.0, 1.2);	( 100.0, -230.0, 0.0, 1.2);

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -220.0, 0.0, 1.2);	( -90.0, -220.0, 0.0, 1.2);
( -80.0, -220.0, 0.0, 1.2);	( -70.0, -220.0, 0.0, 1.2);
( -60.0, -220.0, 0.0, 1.2);	( -50.0, -220.0, 0.0, 1.2);
( -40.0, -220.0, 0.0, 1.2);	( -30.0, -220.0, 0.0, 1.2);
( -25.0, -220.0, 0.0, 1.2);	( -20.0, -220.0, 0.0, 1.2);
( -17.0, -220.0, 0.0, 1.2);	( -15.0, -220.0, 0.0, 1.2);
( -13.0, -220.0, 0.0, 1.2);	( -11.0, -220.0, 0.0, 1.2);
( -9.0, -220.0, 0.0, 1.2);	( 9.0, -220.0, 0.0, 1.2);
( 11.0, -220.0, 0.0, 1.2);	( 13.0, -220.0, 0.0, 1.2);
( 15.0, -220.0, 0.0, 1.2);	( 17.0, -220.0, 0.0, 1.2);
( 20.0, -220.0, 0.0, 1.2);	( 25.0, -220.0, 0.0, 1.2);
( 30.0, -220.0, 0.0, 1.2);	( 40.0, -220.0, 0.0, 1.2);
( 50.0, -220.0, 0.0, 1.2);	( 60.0, -220.0, 0.0, 1.2);
( 70.0, -220.0, 0.0, 1.2);	( 80.0, -220.0, 0.0, 1.2);
( 90.0, -220.0, 0.0, 1.2);	( 100.0, -220.0, 0.0, 1.2);
( -100.0, -210.0, 0.0, 1.2);	( -90.0, -210.0, 0.0, 1.2);
( -80.0, -210.0, 0.0, 1.2);	( -70.0, -210.0, 0.0, 1.2);
( -60.0, -210.0, 0.0, 1.2);	( -50.0, -210.0, 0.0, 1.2);
( -40.0, -210.0, 0.0, 1.2);	( -30.0, -210.0, 0.0, 1.2);
( -25.0, -210.0, 0.0, 1.2);	( -20.0, -210.0, 0.0, 1.2);
( -17.0, -210.0, 0.0, 1.2);	( -15.0, -210.0, 0.0, 1.2);
( -13.0, -210.0, 0.0, 1.2);	( -11.0, -210.0, 0.0, 1.2);
( -9.0, -210.0, 0.0, 1.2);	( 9.0, -210.0, 0.0, 1.2);
( 11.0, -210.0, 0.0, 1.2);	( 13.0, -210.0, 0.0, 1.2);
( 15.0, -210.0, 0.0, 1.2);	( 17.0, -210.0, 0.0, 1.2);
( 20.0, -210.0, 0.0, 1.2);	( 25.0, -210.0, 0.0, 1.2);
( 30.0, -210.0, 0.0, 1.2);	( 40.0, -210.0, 0.0, 1.2);
( 50.0, -210.0, 0.0, 1.2);	( 60.0, -210.0, 0.0, 1.2);
( 70.0, -210.0, 0.0, 1.2);	( 80.0, -210.0, 0.0, 1.2);
( 90.0, -210.0, 0.0, 1.2);	( 100.0, -210.0, 0.0, 1.2);
( -100.0, -200.0, 0.0, 1.2);	( -90.0, -200.0, 0.0, 1.2);
( -80.0, -200.0, 0.0, 1.2);	( -70.0, -200.0, 0.0, 1.2);
( -60.0, -200.0, 0.0, 1.2);	( -50.0, -200.0, 0.0, 1.2);
( -40.0, -200.0, 0.0, 1.2);	( -30.0, -200.0, 0.0, 1.2);
( -25.0, -200.0, 0.0, 1.2);	( -20.0, -200.0, 0.0, 1.2);
( -17.0, -200.0, 0.0, 1.2);	( -15.0, -200.0, 0.0, 1.2);
( -13.0, -200.0, 0.0, 1.2);	( -11.0, -200.0, 0.0, 1.2);
( -9.0, -200.0, 0.0, 1.2);	( 9.0, -200.0, 0.0, 1.2);
( 11.0, -200.0, 0.0, 1.2);	( 13.0, -200.0, 0.0, 1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0,	-200.0,	0.0,	1.2);	( 17.0,	-200.0,	0.0,	1.2);
( 20.0,	-200.0,	0.0,	1.2);	( 25.0,	-200.0,	0.0,	1.2);
( 30.0,	-200.0,	0.0,	1.2);	( 40.0,	-200.0,	0.0,	1.2);
( 50.0,	-200.0,	0.0,	1.2);	( 60.0,	-200.0,	0.0,	1.2);
( 70.0,	-200.0,	0.0,	1.2);	( 80.0,	-200.0,	0.0,	1.2);
( 90.0,	-200.0,	0.0,	1.2);	( 100.0,	-200.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	-190.0,	0.0,	1.2);	( -90.0,	-190.0,	0.0,	1.2);
( -80.0,	-190.0,	0.0,	1.2);	( -70.0,	-190.0,	0.0,	1.2);
( -60.0,	-190.0,	0.0,	1.2);	( -50.0,	-190.0,	0.0,	1.2);
( -40.0,	-190.0,	0.0,	1.2);	( -30.0,	-190.0,	0.0,	1.2);
( -25.0,	-190.0,	0.0,	1.2);	( -20.0,	-190.0,	0.0,	1.2);
( -17.0,	-190.0,	0.0,	1.2);	( -15.0,	-190.0,	0.0,	1.2);
( -13.0,	-190.0,	0.0,	1.2);	( -11.0,	-190.0,	0.0,	1.2);
( -9.0,	-190.0,	0.0,	1.2);	( 9.0,	-190.0,	0.0,	1.2);
( 11.0,	-190.0,	0.0,	1.2);	( 13.0,	-190.0,	0.0,	1.2);
( 15.0,	-190.0,	0.0,	1.2);	( 17.0,	-190.0,	0.0,	1.2);
( 20.0,	-190.0,	0.0,	1.2);	( 25.0,	-190.0,	0.0,	1.2);
( 30.0,	-190.0,	0.0,	1.2);	( 40.0,	-190.0,	0.0,	1.2);
( 50.0,	-190.0,	0.0,	1.2);	( 60.0,	-190.0,	0.0,	1.2);
( 70.0,	-190.0,	0.0,	1.2);	( 80.0,	-190.0,	0.0,	1.2);
( 90.0,	-190.0,	0.0,	1.2);	( 100.0,	-190.0,	0.0,	1.2);
( -100.0,	-180.0,	0.0,	1.2);	( -90.0,	-180.0,	0.0,	1.2);
( -80.0,	-180.0,	0.0,	1.2);	( -70.0,	-180.0,	0.0,	1.2);
( -60.0,	-180.0,	0.0,	1.2);	( -50.0,	-180.0,	0.0,	1.2);
( -40.0,	-180.0,	0.0,	1.2);	( -30.0,	-180.0,	0.0,	1.2);
( -25.0,	-180.0,	0.0,	1.2);	( -20.0,	-180.0,	0.0,	1.2);
( -17.0,	-180.0,	0.0,	1.2);	( -15.0,	-180.0,	0.0,	1.2);
( -13.0,	-180.0,	0.0,	1.2);	( -11.0,	-180.0,	0.0,	1.2);
( -9.0,	-180.0,	0.0,	1.2);	( 9.0,	-180.0,	0.0,	1.2);
( 11.0,	-180.0,	0.0,	1.2);	( 13.0,	-180.0,	0.0,	1.2);
( 15.0,	-180.0,	0.0,	1.2);	( 17.0,	-180.0,	0.0,	1.2);
( 20.0,	-180.0,	0.0,	1.2);	( 25.0,	-180.0,	0.0,	1.2);
( 30.0,	-180.0,	0.0,	1.2);	( 40.0,	-180.0,	0.0,	1.2);
( 50.0,	-180.0,	0.0,	1.2);	( 60.0,	-180.0,	0.0,	1.2);
( 70.0,	-180.0,	0.0,	1.2);	( 80.0,	-180.0,	0.0,	1.2);
( 90.0,	-180.0,	0.0,	1.2);	( 100.0,	-180.0,	0.0,	1.2);
( -100.0,	-170.0,	0.0,	1.2);	( -90.0,	-170.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0,	-170.0,	0.0,	1.2);	( -70.0,	-170.0,	0.0,	1.2);
( -60.0,	-170.0,	0.0,	1.2);	( -50.0,	-170.0,	0.0,	1.2);
( -40.0,	-170.0,	0.0,	1.2);	( -30.0,	-170.0,	0.0,	1.2);
( -25.0,	-170.0,	0.0,	1.2);	( -20.0,	-170.0,	0.0,	1.2);
( -17.0,	-170.0,	0.0,	1.2);	( -15.0,	-170.0,	0.0,	1.2);
( -13.0,	-170.0,	0.0,	1.2);	( -11.0,	-170.0,	0.0,	1.2);
( -9.0,	-170.0,	0.0,	1.2);	( 9.0,	-170.0,	0.0,	1.2);
( 11.0,	-170.0,	0.0,	1.2);	( 13.0,	-170.0,	0.0,	1.2);
( 15.0,	-170.0,	0.0,	1.2);	( 17.0,	-170.0,	0.0,	1.2);
( 20.0,	-170.0,	0.0,	1.2);	( 25.0,	-170.0,	0.0,	1.2);
( 30.0,	-170.0,	0.0,	1.2);	( 40.0,	-170.0,	0.0,	1.2);
( 50.0,	-170.0,	0.0,	1.2);	( 60.0,	-170.0,	0.0,	1.2);
( 70.0,	-170.0,	0.0,	1.2);	( 80.0,	-170.0,	0.0,	1.2);
( 90.0,	-170.0,	0.0,	1.2);	( 100.0,	-170.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	-160.0,	0.0,	1.2);	( -90.0,	-160.0,	0.0,	1.2);
( -80.0,	-160.0,	0.0,	1.2);	( -70.0,	-160.0,	0.0,	1.2);
( -60.0,	-160.0,	0.0,	1.2);	( -50.0,	-160.0,	0.0,	1.2);
( -40.0,	-160.0,	0.0,	1.2);	( -30.0,	-160.0,	0.0,	1.2);
( -25.0,	-160.0,	0.0,	1.2);	( -20.0,	-160.0,	0.0,	1.2);
( -17.0,	-160.0,	0.0,	1.2);	( -15.0,	-160.0,	0.0,	1.2);
( -13.0,	-160.0,	0.0,	1.2);	( -11.0,	-160.0,	0.0,	1.2);
( -9.0,	-160.0,	0.0,	1.2);	( 9.0,	-160.0,	0.0,	1.2);
( 11.0,	-160.0,	0.0,	1.2);	( 13.0,	-160.0,	0.0,	1.2);
( 15.0,	-160.0,	0.0,	1.2);	( 17.0,	-160.0,	0.0,	1.2);
( 20.0,	-160.0,	0.0,	1.2);	( 25.0,	-160.0,	0.0,	1.2);
( 30.0,	-160.0,	0.0,	1.2);	( 40.0,	-160.0,	0.0,	1.2);
( 50.0,	-160.0,	0.0,	1.2);	( 60.0,	-160.0,	0.0,	1.2);
( 70.0,	-160.0,	0.0,	1.2);	( 80.0,	-160.0,	0.0,	1.2);
( 90.0,	-160.0,	0.0,	1.2);	( 100.0,	-160.0,	0.0,	1.2);
( -100.0,	-150.0,	0.0,	1.2);	( -90.0,	-150.0,	0.0,	1.2);
( -80.0,	-150.0,	0.0,	1.2);	( -70.0,	-150.0,	0.0,	1.2);
( -60.0,	-150.0,	0.0,	1.2);	( -50.0,	-150.0,	0.0,	1.2);
( -40.0,	-150.0,	0.0,	1.2);	( -30.0,	-150.0,	0.0,	1.2);
( -25.0,	-150.0,	0.0,	1.2);	( -20.0,	-150.0,	0.0,	1.2);
( -17.0,	-150.0,	0.0,	1.2);	( -15.0,	-150.0,	0.0,	1.2);
( -13.0,	-150.0,	0.0,	1.2);	( -11.0,	-150.0,	0.0,	1.2);
( -9.0,	-150.0,	0.0,	1.2);	( 9.0,	-150.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0, -150.0, 0.0, 1.2);	( 13.0, -150.0, 0.0, 1.2);
( 15.0, -150.0, 0.0, 1.2);	( 17.0, -150.0, 0.0, 1.2);
( 20.0, -150.0, 0.0, 1.2);	( 25.0, -150.0, 0.0, 1.2);
( 30.0, -150.0, 0.0, 1.2);	( 40.0, -150.0, 0.0, 1.2);
( 50.0, -150.0, 0.0, 1.2);	( 60.0, -150.0, 0.0, 1.2);
( 70.0, -150.0, 0.0, 1.2);	( 80.0, -150.0, 0.0, 1.2);
( 90.0, -150.0, 0.0, 1.2);	( 100.0, -150.0, 0.0, 1.2);
( -100.0, -140.0, 0.0, 1.2);	( -90.0, -140.0, 0.0, 1.2);
( -80.0, -140.0, 0.0, 1.2);	( -70.0, -140.0, 0.0, 1.2);
( -60.0, -140.0, 0.0, 1.2);	( -50.0, -140.0, 0.0, 1.2);
( -40.0, -140.0, 0.0, 1.2);	( -30.0, -140.0, 0.0, 1.2);
( -25.0, -140.0, 0.0, 1.2);	( -20.0, -140.0, 0.0, 1.2);
( -17.0, -140.0, 0.0, 1.2);	( -15.0, -140.0, 0.0, 1.2);
( -13.0, -140.0, 0.0, 1.2);	( -11.0, -140.0, 0.0, 1.2);
( -9.0, -140.0, 0.0, 1.2);	( 9.0, -140.0, 0.0, 1.2);
( 11.0, -140.0, 0.0, 1.2);	( 13.0, -140.0, 0.0, 1.2);
( 15.0, -140.0, 0.0, 1.2);	( 17.0, -140.0, 0.0, 1.2);
( 20.0, -140.0, 0.0, 1.2);	( 25.0, -140.0, 0.0, 1.2);
( 30.0, -140.0, 0.0, 1.2);	( 40.0, -140.0, 0.0, 1.2);
( 50.0, -140.0, 0.0, 1.2);	( 60.0, -140.0, 0.0, 1.2);
( 70.0, -140.0, 0.0, 1.2);	( 80.0, -140.0, 0.0, 1.2);
( 90.0, -140.0, 0.0, 1.2);	( 100.0, -140.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 8  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -130.0, 0.0, 1.2);	( -90.0, -130.0, 0.0, 1.2);
( -80.0, -130.0, 0.0, 1.2);	( -70.0, -130.0, 0.0, 1.2);
( -60.0, -130.0, 0.0, 1.2);	( -50.0, -130.0, 0.0, 1.2);
( -40.0, -130.0, 0.0, 1.2);	( -30.0, -130.0, 0.0, 1.2);
( -25.0, -130.0, 0.0, 1.2);	( -20.0, -130.0, 0.0, 1.2);
( -17.0, -130.0, 0.0, 1.2);	( -15.0, -130.0, 0.0, 1.2);
( -13.0, -130.0, 0.0, 1.2);	( -11.0, -130.0, 0.0, 1.2);
( -9.0, -130.0, 0.0, 1.2);	( 9.0, -130.0, 0.0, 1.2);
( 11.0, -130.0, 0.0, 1.2);	( 13.0, -130.0, 0.0, 1.2);
( 15.0, -130.0, 0.0, 1.2);	( 17.0, -130.0, 0.0, 1.2);
( 20.0, -130.0, 0.0, 1.2);	( 25.0, -130.0, 0.0, 1.2);
( 30.0, -130.0, 0.0, 1.2);	( 40.0, -130.0, 0.0, 1.2);
( 50.0, -130.0, 0.0, 1.2);	( 60.0, -130.0, 0.0, 1.2);
( 70.0, -130.0, 0.0, 1.2);	( 80.0, -130.0, 0.0, 1.2);
( 90.0, -130.0, 0.0, 1.2);	( 100.0, -130.0, 0.0, 1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0, -120.0, 0.0, 1.2);	( -90.0, -120.0, 0.0, 1.2);
( -80.0, -120.0, 0.0, 1.2);	( -70.0, -120.0, 0.0, 1.2);
( -60.0, -120.0, 0.0, 1.2);	( -50.0, -120.0, 0.0, 1.2);
( -40.0, -120.0, 0.0, 1.2);	( -30.0, -120.0, 0.0, 1.2);
( -25.0, -120.0, 0.0, 1.2);	( -20.0, -120.0, 0.0, 1.2);
( -17.0, -120.0, 0.0, 1.2);	( -15.0, -120.0, 0.0, 1.2);
( -13.0, -120.0, 0.0, 1.2);	( -11.0, -120.0, 0.0, 1.2);
( -9.0, -120.0, 0.0, 1.2);	( 9.0, -120.0, 0.0, 1.2);
( 11.0, -120.0, 0.0, 1.2);	( 13.0, -120.0, 0.0, 1.2);
( 15.0, -120.0, 0.0, 1.2);	( 17.0, -120.0, 0.0, 1.2);
( 20.0, -120.0, 0.0, 1.2);	( 25.0, -120.0, 0.0, 1.2);
( 30.0, -120.0, 0.0, 1.2);	( 40.0, -120.0, 0.0, 1.2);
( 50.0, -120.0, 0.0, 1.2);	( 60.0, -120.0, 0.0, 1.2);
( 70.0, -120.0, 0.0, 1.2);	( 80.0, -120.0, 0.0, 1.2);
( 90.0, -120.0, 0.0, 1.2);	( 100.0, -120.0, 0.0, 1.2);
( -100.0, -110.0, 0.0, 1.2);	( -90.0, -110.0, 0.0, 1.2);
( -80.0, -110.0, 0.0, 1.2);	( -70.0, -110.0, 0.0, 1.2);
( -60.0, -110.0, 0.0, 1.2);	( -50.0, -110.0, 0.0, 1.2);
( -40.0, -110.0, 0.0, 1.2);	( -30.0, -110.0, 0.0, 1.2);
( -25.0, -110.0, 0.0, 1.2);	( -20.0, -110.0, 0.0, 1.2);
( -17.0, -110.0, 0.0, 1.2);	( -15.0, -110.0, 0.0, 1.2);
( -13.0, -110.0, 0.0, 1.2);	( -11.0, -110.0, 0.0, 1.2);
( -9.0, -110.0, 0.0, 1.2);	( 9.0, -110.0, 0.0, 1.2);
( 11.0, -110.0, 0.0, 1.2);	( 13.0, -110.0, 0.0, 1.2);
( 15.0, -110.0, 0.0, 1.2);	( 17.0, -110.0, 0.0, 1.2);
( 20.0, -110.0, 0.0, 1.2);	( 25.0, -110.0, 0.0, 1.2);
( 30.0, -110.0, 0.0, 1.2);	( 40.0, -110.0, 0.0, 1.2);
( 50.0, -110.0, 0.0, 1.2);	( 60.0, -110.0, 0.0, 1.2);
( 70.0, -110.0, 0.0, 1.2);	( 80.0, -110.0, 0.0, 1.2);
( 90.0, -110.0, 0.0, 1.2);	( 100.0, -110.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -100.0, 0.0, 1.2);	( -90.0, -100.0, 0.0, 1.2);
( -80.0, -100.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, -100.0, 0.0, 1.2);	( -50.0, -100.0, 0.0, 1.2);
( -40.0, -100.0, 0.0, 1.2);	( -30.0, -100.0, 0.0, 1.2);
( -25.0, -100.0, 0.0, 1.2);	( -20.0, -100.0, 0.0, 1.2);
( -17.0, -100.0, 0.0, 1.2);	( -15.0, -100.0, 0.0, 1.2);
( -13.0, -100.0, 0.0, 1.2);	( -11.0, -100.0, 0.0, 1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0, -100.0, 0.0, 1.2);	( -9.0, -100.0, 0.0, 1.2);
( 11.0, -100.0, 0.0, 1.2);	( 13.0, -100.0, 0.0, 1.2);
( 15.0, -100.0, 0.0, 1.2);	( 17.0, -100.0, 0.0, 1.2);
( 20.0, -100.0, 0.0, 1.2);	( 25.0, -100.0, 0.0, 1.2);
( 30.0, -100.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);
( 50.0, -100.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, -100.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, -100.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);
( -100.0, -90.0, 0.0, 1.2);	( -90.0, -90.0, 0.0, 1.2);
( -80.0, -90.0, 0.0, 1.2);	( -70.0, -90.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -50.0, -90.0, 0.0, 1.2);
( -40.0, -90.0, 0.0, 1.2);	( -30.0, -90.0, 0.0, 1.2);
( -25.0, -90.0, 0.0, 1.2);	( -20.0, -90.0, 0.0, 1.2);
( -17.0, -90.0, 0.0, 1.2);	( -15.0, -90.0, 0.0, 1.2);
( -13.0, -90.0, 0.0, 1.2);	( -11.0, -90.0, 0.0, 1.2);
( -9.0, -90.0, 0.0, 1.2);	( 9.0, -90.0, 0.0, 1.2);
( 11.0, -90.0, 0.0, 1.2);	( 13.0, -90.0, 0.0, 1.2);
( 15.0, -90.0, 0.0, 1.2);	( 17.0, -90.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 25.0, -90.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 40.0, -90.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 60.0, -90.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 80.0, -90.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 100.0, -90.0, 0.0, 1.2);
( -100.0, -80.0, 0.0, 1.2);	( -90.0, -80.0, 0.0, 1.2);
( -80.0, -80.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -60.0, -80.0, 0.0, 1.2);	( -50.0, -80.0, 0.0, 1.2);
( -40.0, -80.0, 0.0, 1.2);	( -30.0, -80.0, 0.0, 1.2);
( -25.0, -80.0, 0.0, 1.2);	( -20.0, -80.0, 0.0, 1.2);
( -17.0, -80.0, 0.0, 1.2);	( -15.0, -80.0, 0.0, 1.2);
( -13.0, -80.0, 0.0, 1.2);	( -11.0, -80.0, 0.0, 1.2);
( -9.0, -80.0, 0.0, 1.2);	( 9.0, -80.0, 0.0, 1.2);
( 11.0, -80.0, 0.0, 1.2);	( 13.0, -80.0, 0.0, 1.2);
( 15.0, -80.0, 0.0, 1.2);	( 17.0, -80.0, 0.0, 1.2);
( 20.0, -80.0, 0.0, 1.2);	( 25.0, -80.0, 0.0, 1.2);
( 30.0, -80.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 50.0, -80.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 70.0, -80.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 90.0, -80.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)



04NCRA\_PL94-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

( -100.0, -70.0, 0.0, 1.2);	( -90.0, -70.0, 0.0, 1.2);
( -80.0, -70.0, 0.0, 1.2);	( -70.0, -70.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -50.0, -70.0, 0.0, 1.2);
( -40.0, -70.0, 0.0, 1.2);	( -30.0, -70.0, 0.0, 1.2);
( -25.0, -70.0, 0.0, 1.2);	( -20.0, -70.0, 0.0, 1.2);
( -17.0, -70.0, 0.0, 1.2);	( -15.0, -70.0, 0.0, 1.2);
( -13.0, -70.0, 0.0, 1.2);	( -11.0, -70.0, 0.0, 1.2);
( -9.0, -70.0, 0.0, 1.2);	( 9.0, -70.0, 0.0, 1.2);
( 11.0, -70.0, 0.0, 1.2);	( 13.0, -70.0, 0.0, 1.2);
( 15.0, -70.0, 0.0, 1.2);	( 17.0, -70.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 25.0, -70.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 40.0, -70.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 60.0, -70.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 80.0, -70.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 100.0, -70.0, 0.0, 1.2);
( -100.0, -60.0, 0.0, 1.2);	( -90.0, -60.0, 0.0, 1.2);
( -80.0, -60.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -60.0, -60.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);
( -40.0, -60.0, 0.0, 1.2);	( -30.0, -60.0, 0.0, 1.2);
( -25.0, -60.0, 0.0, 1.2);	( -20.0, -60.0, 0.0, 1.2);
( -17.0, -60.0, 0.0, 1.2);	( -15.0, -60.0, 0.0, 1.2);
( -13.0, -60.0, 0.0, 1.2);	( -11.0, -60.0, 0.0, 1.2);
( -9.0, -60.0, 0.0, 1.2);	( 9.0, -60.0, 0.0, 1.2);
( 11.0, -60.0, 0.0, 1.2);	( 13.0, -60.0, 0.0, 1.2);
( 15.0, -60.0, 0.0, 1.2);	( 17.0, -60.0, 0.0, 1.2);
( 20.0, -60.0, 0.0, 1.2);	( 25.0, -60.0, 0.0, 1.2);
( 30.0, -60.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 50.0, -60.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 70.0, -60.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 90.0, -60.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( -100.0, -50.0, 0.0, 1.2);	( -90.0, -50.0, 0.0, 1.2);
( -80.0, -50.0, 0.0, 1.2);	( -70.0, -50.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -50.0, -50.0, 0.0, 1.2);
( -40.0, -50.0, 0.0, 1.2);	( -30.0, -50.0, 0.0, 1.2);
( -25.0, -50.0, 0.0, 1.2);	( -20.0, -50.0, 0.0, 1.2);
( -17.0, -50.0, 0.0, 1.2);	( -15.0, -50.0, 0.0, 1.2);
( -13.0, -50.0, 0.0, 1.2);	( -11.0, -50.0, 0.0, 1.2);
( -9.0, -50.0, 0.0, 1.2);	( 9.0, -50.0, 0.0, 1.2);
( 11.0, -50.0, 0.0, 1.2);	( 13.0, -50.0, 0.0, 1.2);
( 15.0, -50.0, 0.0, 1.2);	( 17.0, -50.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 25.0, -50.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 40.0, -50.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 60.0, -50.0, 0.0, 1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 70.0, -50.0, 0.0, 1.2); ( 80.0, -50.0, 0.0, 1.2);  
( 90.0, -50.0, 0.0, 1.2); ( 100.0, -50.0, 0.0, 1.2);

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -40.0, 0.0, 1.2); ( -90.0, -40.0, 0.0, 1.2);  
( -80.0, -40.0, 0.0, 1.2); ( -70.0, -40.0, 0.0, 1.2);  
( -60.0, -40.0, 0.0, 1.2); ( -50.0, -40.0, 0.0, 1.2);  
( -40.0, -40.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -25.0, -40.0, 0.0, 1.2); ( -20.0, -40.0, 0.0, 1.2);  
( -17.0, -40.0, 0.0, 1.2); ( -15.0, -40.0, 0.0, 1.2);  
( -13.0, -40.0, 0.0, 1.2); ( -11.0, -40.0, 0.0, 1.2);  
( -9.0, -40.0, 0.0, 1.2); ( 9.0, -40.0, 0.0, 1.2);  
( 11.0, -40.0, 0.0, 1.2); ( 13.0, -40.0, 0.0, 1.2);  
( 15.0, -40.0, 0.0, 1.2); ( 17.0, -40.0, 0.0, 1.2);  
( 20.0, -40.0, 0.0, 1.2); ( 25.0, -40.0, 0.0, 1.2);  
( 30.0, -40.0, 0.0, 1.2); ( 40.0, -40.0, 0.0, 1.2);  
( 50.0, -40.0, 0.0, 1.2); ( 60.0, -40.0, 0.0, 1.2);  
( 70.0, -40.0, 0.0, 1.2); ( 80.0, -40.0, 0.0, 1.2);  
( 90.0, -40.0, 0.0, 1.2); ( 100.0, -40.0, 0.0, 1.2);  
( -100.0, -30.0, 0.0, 1.2); ( -90.0, -30.0, 0.0, 1.2);  
( -80.0, -30.0, 0.0, 1.2); ( -70.0, -30.0, 0.0, 1.2);  
( -60.0, -30.0, 0.0, 1.2); ( -50.0, -30.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -30.0, -30.0, 0.0, 1.2);  
( -25.0, -30.0, 0.0, 1.2); ( -20.0, -30.0, 0.0, 1.2);  
( -17.0, -30.0, 0.0, 1.2); ( -15.0, -30.0, 0.0, 1.2);  
( -13.0, -30.0, 0.0, 1.2); ( -11.0, -30.0, 0.0, 1.2);  
( -9.0, -30.0, 0.0, 1.2); ( 9.0, -30.0, 0.0, 1.2);  
( 11.0, -30.0, 0.0, 1.2); ( 13.0, -30.0, 0.0, 1.2);  
( 15.0, -30.0, 0.0, 1.2); ( 17.0, -30.0, 0.0, 1.2);  
( 20.0, -30.0, 0.0, 1.2); ( 25.0, -30.0, 0.0, 1.2);  
( 30.0, -30.0, 0.0, 1.2); ( 40.0, -30.0, 0.0, 1.2);  
( 50.0, -30.0, 0.0, 1.2); ( 60.0, -30.0, 0.0, 1.2);  
( 70.0, -30.0, 0.0, 1.2); ( 80.0, -30.0, 0.0, 1.2);  
( 90.0, -30.0, 0.0, 1.2); ( 100.0, -30.0, 0.0, 1.2);  
( -100.0, -20.0, 0.0, 1.2); ( -90.0, -20.0, 0.0, 1.2);  
( -80.0, -20.0, 0.0, 1.2); ( -70.0, -20.0, 0.0, 1.2);  
( -60.0, -20.0, 0.0, 1.2); ( -50.0, -20.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -30.0, -20.0, 0.0, 1.2);  
( -25.0, -20.0, 0.0, 1.2); ( -20.0, -20.0, 0.0, 1.2);



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 50.0,	0.0,	0.0,	1.2);	( -60.0,	0.0,	0.0,	1.2);
( 70.0,	0.0,	0.0,	1.2);	( 80.0,	0.0,	0.0,	1.2);
( 90.0,	0.0,	0.0,	1.2);	( 100.0,	0.0,	0.0,	1.2);
( -100.0,	10.0,	0.0,	1.2);	( -90.0,	10.0,	0.0,	1.2);
( -80.0,	10.0,	0.0,	1.2);	( -70.0,	10.0,	0.0,	1.2);
( -60.0,	10.0,	0.0,	1.2);	( -50.0,	10.0,	0.0,	1.2);
( -40.0,	10.0,	0.0,	1.2);	( -30.0,	10.0,	0.0,	1.2);
( -25.0,	10.0,	0.0,	1.2);	( -20.0,	10.0,	0.0,	1.2);
( -17.0,	10.0,	0.0,	1.2);	( -15.0,	10.0,	0.0,	1.2);
( -13.0,	10.0,	0.0,	1.2);	( -11.0,	10.0,	0.0,	1.2);
( -9.0,	10.0,	0.0,	1.2);	( 9.0,	10.0,	0.0,	1.2);
( 11.0,	10.0,	0.0,	1.2);	( 13.0,	10.0,	0.0,	1.2);
( 15.0,	10.0,	0.0,	1.2);	( 17.0,	10.0,	0.0,	1.2);
( 20.0,	10.0,	0.0,	1.2);	( 25.0,	10.0,	0.0,	1.2);
( 30.0,	10.0,	0.0,	1.2);	( 40.0,	10.0,	0.0,	1.2);
( 50.0,	10.0,	0.0,	1.2);	( 60.0,	10.0,	0.0,	1.2);
( 70.0,	10.0,	0.0,	1.2);	( 80.0,	10.0,	0.0,	1.2);
( 90.0,	10.0,	0.0,	1.2);	( 100.0,	10.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	20.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -80.0,	20.0,	0.0,	1.2);	( -70.0,	20.0,	0.0,	1.2);
( -60.0,	20.0,	0.0,	1.2);	( -50.0,	20.0,	0.0,	1.2);
( -40.0,	20.0,	0.0,	1.2);	( -30.0,	20.0,	0.0,	1.2);
( -25.0,	20.0,	0.0,	1.2);	( -20.0,	20.0,	0.0,	1.2);
( -17.0,	20.0,	0.0,	1.2);	( -15.0,	20.0,	0.0,	1.2);
( -13.0,	20.0,	0.0,	1.2);	( -11.0,	20.0,	0.0,	1.2);
( -9.0,	20.0,	0.0,	1.2);	( 9.0,	20.0,	0.0,	1.2);
( 11.0,	20.0,	0.0,	1.2);	( 13.0,	20.0,	0.0,	1.2);
( 15.0,	20.0,	0.0,	1.2);	( 17.0,	20.0,	0.0,	1.2);
( 20.0,	20.0,	0.0,	1.2);	( 25.0,	20.0,	0.0,	1.2);
( 30.0,	20.0,	0.0,	1.2);	( 40.0,	20.0,	0.0,	1.2);
( 50.0,	20.0,	0.0,	1.2);	( 60.0,	20.0,	0.0,	1.2);
( 70.0,	20.0,	0.0,	1.2);	( 80.0,	20.0,	0.0,	1.2);
( 90.0,	20.0,	0.0,	1.2);	( 100.0,	20.0,	0.0,	1.2);
( -100.0,	30.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -80.0,	30.0,	0.0,	1.2);	( -70.0,	30.0,	0.0,	1.2);
( -60.0,	30.0,	0.0,	1.2);	( -50.0,	30.0,	0.0,	1.2);
( -40.0,	30.0,	0.0,	1.2);	( -30.0,	30.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -25.0,	30.0,	0.0,	1.2);	( -20.0,	30.0,	0.0,	1.2);
( -17.0,	30.0,	0.0,	1.2);	( -15.0,	30.0,	0.0,	1.2);
( -13.0,	30.0,	0.0,	1.2);	( -11.0,	30.0,	0.0,	1.2);
( -9.0,	30.0,	0.0,	1.2);	( 9.0,	30.0,	0.0,	1.2);
( 11.0,	30.0,	0.0,	1.2);	( 13.0,	30.0,	0.0,	1.2);
( 15.0,	30.0,	0.0,	1.2);	( 17.0,	30.0,	0.0,	1.2);
( 20.0,	30.0,	0.0,	1.2);	( 25.0,	30.0,	0.0,	1.2);
( 30.0,	30.0,	0.0,	1.2);	( 40.0,	30.0,	0.0,	1.2);
( 50.0,	30.0,	0.0,	1.2);	( 60.0,	30.0,	0.0,	1.2);
( 70.0,	30.0,	0.0,	1.2);	( 80.0,	30.0,	0.0,	1.2);
( 90.0,	30.0,	0.0,	1.2);	( 100.0,	30.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -90.0,	40.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -70.0,	40.0,	0.0,	1.2);
( -60.0,	40.0,	0.0,	1.2);	( -50.0,	40.0,	0.0,	1.2);
( -40.0,	40.0,	0.0,	1.2);	( -30.0,	40.0,	0.0,	1.2);
( -25.0,	40.0,	0.0,	1.2);	( -20.0,	40.0,	0.0,	1.2);
( -17.0,	40.0,	0.0,	1.2);	( -15.0,	40.0,	0.0,	1.2);
( -13.0,	40.0,	0.0,	1.2);	( -11.0,	40.0,	0.0,	1.2);
( -9.0,	40.0,	0.0,	1.2);	( 9.0,	40.0,	0.0,	1.2);
( 11.0,	40.0,	0.0,	1.2);	( 13.0,	40.0,	0.0,	1.2);
( 15.0,	40.0,	0.0,	1.2);	( 17.0,	40.0,	0.0,	1.2);
( 20.0,	40.0,	0.0,	1.2);	( 25.0,	40.0,	0.0,	1.2);
( 30.0,	40.0,	0.0,	1.2);	( 40.0,	40.0,	0.0,	1.2);
( 50.0,	40.0,	0.0,	1.2);	( 60.0,	40.0,	0.0,	1.2);
( 70.0,	40.0,	0.0,	1.2);	( 80.0,	40.0,	0.0,	1.2);
( 90.0,	40.0,	0.0,	1.2);	( 100.0,	40.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
    \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	50.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -80.0,	50.0,	0.0,	1.2);	( -70.0,	50.0,	0.0,	1.2);
( -60.0,	50.0,	0.0,	1.2);	( -50.0,	50.0,	0.0,	1.2);
( -40.0,	50.0,	0.0,	1.2);	( -30.0,	50.0,	0.0,	1.2);
( -25.0,	50.0,	0.0,	1.2);	( -20.0,	50.0,	0.0,	1.2);
( -17.0,	50.0,	0.0,	1.2);	( -15.0,	50.0,	0.0,	1.2);
( -13.0,	50.0,	0.0,	1.2);	( -11.0,	50.0,	0.0,	1.2);
( -9.0,	50.0,	0.0,	1.2);	( 9.0,	50.0,	0.0,	1.2);
( 11.0,	50.0,	0.0,	1.2);	( 13.0,	50.0,	0.0,	1.2);
( 15.0,	50.0,	0.0,	1.2);	( 17.0,	50.0,	0.0,	1.2);
( 20.0,	50.0,	0.0,	1.2);	( 25.0,	50.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 30.0,	50.0,	0.0,	1.2);	( 40.0,	50.0,	0.0,	1.2);
( 50.0,	50.0,	0.0,	1.2);	( 60.0,	50.0,	0.0,	1.2);
( 70.0,	50.0,	0.0,	1.2);	( 80.0,	50.0,	0.0,	1.2);
( 90.0,	50.0,	0.0,	1.2);	( 100.0,	50.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -90.0,	60.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -70.0,	60.0,	0.0,	1.2);
( -60.0,	60.0,	0.0,	1.2);	( -50.0,	60.0,	0.0,	1.2);
( -40.0,	60.0,	0.0,	1.2);	( -30.0,	60.0,	0.0,	1.2);
( -25.0,	60.0,	0.0,	1.2);	( -20.0,	60.0,	0.0,	1.2);
( -17.0,	60.0,	0.0,	1.2);	( -15.0,	60.0,	0.0,	1.2);
( -13.0,	60.0,	0.0,	1.2);	( -11.0,	60.0,	0.0,	1.2);
( -9.0,	60.0,	0.0,	1.2);	( 9.0,	60.0,	0.0,	1.2);
( 11.0,	60.0,	0.0,	1.2);	( 13.0,	60.0,	0.0,	1.2);
( 15.0,	60.0,	0.0,	1.2);	( 17.0,	60.0,	0.0,	1.2);
( 20.0,	60.0,	0.0,	1.2);	( 25.0,	60.0,	0.0,	1.2);
( 30.0,	60.0,	0.0,	1.2);	( 40.0,	60.0,	0.0,	1.2);
( 50.0,	60.0,	0.0,	1.2);	( 60.0,	60.0,	0.0,	1.2);
( 70.0,	60.0,	0.0,	1.2);	( 80.0,	60.0,	0.0,	1.2);
( 90.0,	60.0,	0.0,	1.2);	( 100.0,	60.0,	0.0,	1.2);
( -100.0,	70.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -80.0,	70.0,	0.0,	1.2);	( -70.0,	70.0,	0.0,	1.2);
( -60.0,	70.0,	0.0,	1.2);	( -50.0,	70.0,	0.0,	1.2);
( -40.0,	70.0,	0.0,	1.2);	( -30.0,	70.0,	0.0,	1.2);
( -25.0,	70.0,	0.0,	1.2);	( -20.0,	70.0,	0.0,	1.2);
( -17.0,	70.0,	0.0,	1.2);	( -15.0,	70.0,	0.0,	1.2);
( -13.0,	70.0,	0.0,	1.2);	( -11.0,	70.0,	0.0,	1.2);
( -9.0,	70.0,	0.0,	1.2);	( 9.0,	70.0,	0.0,	1.2);
( 11.0,	70.0,	0.0,	1.2);	( 13.0,	70.0,	0.0,	1.2);
( 15.0,	70.0,	0.0,	1.2);	( 17.0,	70.0,	0.0,	1.2);
( 20.0,	70.0,	0.0,	1.2);	( 25.0,	70.0,	0.0,	1.2);
( 30.0,	70.0,	0.0,	1.2);	( 40.0,	70.0,	0.0,	1.2);
( 50.0,	70.0,	0.0,	1.2);	( 60.0,	70.0,	0.0,	1.2);
( 70.0,	70.0,	0.0,	1.2);	( 80.0,	70.0,	0.0,	1.2);
( 90.0,	70.0,	0.0,	1.2);	( 100.0,	70.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:  
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	80.0,	0.0,	1.2);	( -90.0,	80.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -70.0,	80.0,	0.0,	1.2);
( -60.0,	80.0,	0.0,	1.2);	( -50.0,	80.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

(	-40.0,	80.0,	0.0,	1.2);	(	-30.0,	80.0,	0.0,	1.2);
(	-25.0,	80.0,	0.0,	1.2);	(	-20.0,	80.0,	0.0,	1.2);
(	-17.0,	80.0,	0.0,	1.2);	(	-15.0,	80.0,	0.0,	1.2);
(	-13.0,	80.0,	0.0,	1.2);	(	-11.0,	80.0,	0.0,	1.2);
(	-9.0,	80.0,	0.0,	1.2);	(	9.0,	80.0,	0.0,	1.2);
(	11.0,	80.0,	0.0,	1.2);	(	13.0,	80.0,	0.0,	1.2);
(	15.0,	80.0,	0.0,	1.2);	(	17.0,	80.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	25.0,	80.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	40.0,	80.0,	0.0,	1.2);
(	50.0,	80.0,	0.0,	1.2);	(	60.0,	80.0,	0.0,	1.2);
(	70.0,	80.0,	0.0,	1.2);	(	80.0,	80.0,	0.0,	1.2);
(	90.0,	80.0,	0.0,	1.2);	(	100.0,	80.0,	0.0,	1.2);
(	-100.0,	90.0,	0.0,	1.2);	(	-90.0,	90.0,	0.0,	1.2);
(	-80.0,	90.0,	0.0,	1.2);	(	-70.0,	90.0,	0.0,	1.2);
(	-60.0,	90.0,	0.0,	1.2);	(	-50.0,	90.0,	0.0,	1.2);
(	-40.0,	90.0,	0.0,	1.2);	(	-30.0,	90.0,	0.0,	1.2);
(	-25.0,	90.0,	0.0,	1.2);	(	-20.0,	90.0,	0.0,	1.2);
(	-17.0,	90.0,	0.0,	1.2);	(	-15.0,	90.0,	0.0,	1.2);
(	-13.0,	90.0,	0.0,	1.2);	(	-11.0,	90.0,	0.0,	1.2);
(	-9.0,	90.0,	0.0,	1.2);	(	9.0,	90.0,	0.0,	1.2);
(	11.0,	90.0,	0.0,	1.2);	(	13.0,	90.0,	0.0,	1.2);
(	15.0,	90.0,	0.0,	1.2);	(	17.0,	90.0,	0.0,	1.2);
(	20.0,	90.0,	0.0,	1.2);	(	25.0,	90.0,	0.0,	1.2);
(	30.0,	90.0,	0.0,	1.2);	(	40.0,	90.0,	0.0,	1.2);
(	50.0,	90.0,	0.0,	1.2);	(	60.0,	90.0,	0.0,	1.2);
(	70.0,	90.0,	0.0,	1.2);	(	80.0,	90.0,	0.0,	1.2);
(	90.0,	90.0,	0.0,	1.2);	(	100.0,	90.0,	0.0,	1.2);
(	-100.0,	100.0,	0.0,	1.2);	(	-90.0,	100.0,	0.0,	1.2);
(	-80.0,	100.0,	0.0,	1.2);	(	-70.0,	100.0,	0.0,	1.2);
(	-60.0,	100.0,	0.0,	1.2);	(	-50.0,	100.0,	0.0,	1.2);
(	-40.0,	100.0,	0.0,	1.2);	(	-30.0,	100.0,	0.0,	1.2);
(	-25.0,	100.0,	0.0,	1.2);	(	-20.0,	100.0,	0.0,	1.2);
(	-17.0,	100.0,	0.0,	1.2);	(	-15.0,	100.0,	0.0,	1.2);
(	-13.0,	100.0,	0.0,	1.2);	(	-11.0,	100.0,	0.0,	1.2);
(	-9.0,	100.0,	0.0,	1.2);	(	9.0,	100.0,	0.0,	1.2);
(	11.0,	100.0,	0.0,	1.2);	(	13.0,	100.0,	0.0,	1.2);
(	15.0,	100.0,	0.0,	1.2);	(	17.0,	100.0,	0.0,	1.2);
(	20.0,	100.0,	0.0,	1.2);	(	25.0,	100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	40.0,	100.0,	0.0,	1.2);
(	50.0,	100.0,	0.0,	1.2);	(	60.0,	100.0,	0.0,	1.2);
(	70.0,	100.0,	0.0,	1.2);	(	80.0,	100.0,	0.0,	1.2);
(	90.0,	100.0,	0.0,	1.2);	(	100.0,	100.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, 110.0, 0.0, 1.2);	( -90.0, 110.0, 0.0, 1.2);
( -80.0, 110.0, 0.0, 1.2);	( -70.0, 110.0, 0.0, 1.2);
( -60.0, 110.0, 0.0, 1.2);	( -50.0, 110.0, 0.0, 1.2);
( -40.0, 110.0, 0.0, 1.2);	( -30.0, 110.0, 0.0, 1.2);
( -25.0, 110.0, 0.0, 1.2);	( -20.0, 110.0, 0.0, 1.2);
( -17.0, 110.0, 0.0, 1.2);	( -15.0, 110.0, 0.0, 1.2);
( -13.0, 110.0, 0.0, 1.2);	( -11.0, 110.0, 0.0, 1.2);
( -9.0, 110.0, 0.0, 1.2);	( 9.0, 110.0, 0.0, 1.2);
( 11.0, 110.0, 0.0, 1.2);	( 13.0, 110.0, 0.0, 1.2);
( 15.0, 110.0, 0.0, 1.2);	( 17.0, 110.0, 0.0, 1.2);
( 20.0, 110.0, 0.0, 1.2);	( 25.0, 110.0, 0.0, 1.2);
( 30.0, 110.0, 0.0, 1.2);	( 40.0, 110.0, 0.0, 1.2);
( 50.0, 110.0, 0.0, 1.2);	( 60.0, 110.0, 0.0, 1.2);
( 70.0, 110.0, 0.0, 1.2);	( 80.0, 110.0, 0.0, 1.2);
( 90.0, 110.0, 0.0, 1.2);	( 100.0, 110.0, 0.0, 1.2);
( -100.0, 120.0, 0.0, 1.2);	( -90.0, 120.0, 0.0, 1.2);
( -80.0, 120.0, 0.0, 1.2);	( -70.0, 120.0, 0.0, 1.2);
( -60.0, 120.0, 0.0, 1.2);	( -50.0, 120.0, 0.0, 1.2);
( -40.0, 120.0, 0.0, 1.2);	( -30.0, 120.0, 0.0, 1.2);
( -25.0, 120.0, 0.0, 1.2);	( -20.0, 120.0, 0.0, 1.2);
( -17.0, 120.0, 0.0, 1.2);	( -15.0, 120.0, 0.0, 1.2);
( -13.0, 120.0, 0.0, 1.2);	( -11.0, 120.0, 0.0, 1.2);
( -9.0, 120.0, 0.0, 1.2);	( 9.0, 120.0, 0.0, 1.2);
( 11.0, 120.0, 0.0, 1.2);	( 13.0, 120.0, 0.0, 1.2);
( 15.0, 120.0, 0.0, 1.2);	( 17.0, 120.0, 0.0, 1.2);
( 20.0, 120.0, 0.0, 1.2);	( 25.0, 120.0, 0.0, 1.2);
( 30.0, 120.0, 0.0, 1.2);	( 40.0, 120.0, 0.0, 1.2);
( 50.0, 120.0, 0.0, 1.2);	( 60.0, 120.0, 0.0, 1.2);
( 70.0, 120.0, 0.0, 1.2);	( 80.0, 120.0, 0.0, 1.2);
( 90.0, 120.0, 0.0, 1.2);	( 100.0, 120.0, 0.0, 1.2);
( -100.0, 130.0, 0.0, 1.2);	( -90.0, 130.0, 0.0, 1.2);
( -80.0, 130.0, 0.0, 1.2);	( -70.0, 130.0, 0.0, 1.2);
( -60.0, 130.0, 0.0, 1.2);	( -50.0, 130.0, 0.0, 1.2);
( -40.0, 130.0, 0.0, 1.2);	( -30.0, 130.0, 0.0, 1.2);
( -25.0, 130.0, 0.0, 1.2);	( -20.0, 130.0, 0.0, 1.2);
( -17.0, 130.0, 0.0, 1.2);	( -15.0, 130.0, 0.0, 1.2);
( -13.0, 130.0, 0.0, 1.2);	( -11.0, 130.0, 0.0, 1.2);
( -9.0, 130.0, 0.0, 1.2);	( 9.0, 130.0, 0.0, 1.2);
( 11.0, 130.0, 0.0, 1.2);	( 13.0, 130.0, 0.0, 1.2);



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0,	130.0,	0.0,	1.2);	( 17.0,	130.0,	0.0,	1.2);
( 20.0,	130.0,	0.0,	1.2);	( 25.0,	130.0,	0.0,	1.2);
( 30.0,	130.0,	0.0,	1.2);	( 40.0,	130.0,	0.0,	1.2);
( 50.0,	130.0,	0.0,	1.2);	( 60.0,	130.0,	0.0,	1.2);
( 70.0,	130.0,	0.0,	1.2);	( 80.0,	130.0,	0.0,	1.2);
( 90.0,	130.0,	0.0,	1.2);	( 100.0,	130.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	140.0,	0.0,	1.2);	( -90.0,	140.0,	0.0,	1.2);
( -80.0,	140.0,	0.0,	1.2);	( -70.0,	140.0,	0.0,	1.2);
( -60.0,	140.0,	0.0,	1.2);	( -50.0,	140.0,	0.0,	1.2);
( -40.0,	140.0,	0.0,	1.2);	( -30.0,	140.0,	0.0,	1.2);
( -25.0,	140.0,	0.0,	1.2);	( -20.0,	140.0,	0.0,	1.2);
( -17.0,	140.0,	0.0,	1.2);	( -15.0,	140.0,	0.0,	1.2);
( -13.0,	140.0,	0.0,	1.2);	( -11.0,	140.0,	0.0,	1.2);
( -9.0,	140.0,	0.0,	1.2);	( 9.0,	140.0,	0.0,	1.2);
( 11.0,	140.0,	0.0,	1.2);	( 13.0,	140.0,	0.0,	1.2);
( 15.0,	140.0,	0.0,	1.2);	( 17.0,	140.0,	0.0,	1.2);
( 20.0,	140.0,	0.0,	1.2);	( 25.0,	140.0,	0.0,	1.2);
( 30.0,	140.0,	0.0,	1.2);	( 40.0,	140.0,	0.0,	1.2);
( 50.0,	140.0,	0.0,	1.2);	( 60.0,	140.0,	0.0,	1.2);
( 70.0,	140.0,	0.0,	1.2);	( 80.0,	140.0,	0.0,	1.2);
( 90.0,	140.0,	0.0,	1.2);	( 100.0,	140.0,	0.0,	1.2);
( -100.0,	150.0,	0.0,	1.2);	( -90.0,	150.0,	0.0,	1.2);
( -80.0,	150.0,	0.0,	1.2);	( -70.0,	150.0,	0.0,	1.2);
( -60.0,	150.0,	0.0,	1.2);	( -50.0,	150.0,	0.0,	1.2);
( -40.0,	150.0,	0.0,	1.2);	( -30.0,	150.0,	0.0,	1.2);
( -25.0,	150.0,	0.0,	1.2);	( -20.0,	150.0,	0.0,	1.2);
( -17.0,	150.0,	0.0,	1.2);	( -15.0,	150.0,	0.0,	1.2);
( -13.0,	150.0,	0.0,	1.2);	( -11.0,	150.0,	0.0,	1.2);
( -9.0,	150.0,	0.0,	1.2);	( 9.0,	150.0,	0.0,	1.2);
( 11.0,	150.0,	0.0,	1.2);	( 13.0,	150.0,	0.0,	1.2);
( 15.0,	150.0,	0.0,	1.2);	( 17.0,	150.0,	0.0,	1.2);
( 20.0,	150.0,	0.0,	1.2);	( 25.0,	150.0,	0.0,	1.2);
( 30.0,	150.0,	0.0,	1.2);	( 40.0,	150.0,	0.0,	1.2);
( 50.0,	150.0,	0.0,	1.2);	( 60.0,	150.0,	0.0,	1.2);
( 70.0,	150.0,	0.0,	1.2);	( 80.0,	150.0,	0.0,	1.2);
( 90.0,	150.0,	0.0,	1.2);	( 100.0,	150.0,	0.0,	1.2);
( -100.0,	160.0,	0.0,	1.2);	( -90.0,	160.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0,	160.0,	0.0,	1.2);	( -70.0,	160.0,	0.0,	1.2);
( -60.0,	160.0,	0.0,	1.2);	( -50.0,	160.0,	0.0,	1.2);
( -40.0,	160.0,	0.0,	1.2);	( -30.0,	160.0,	0.0,	1.2);
( -25.0,	160.0,	0.0,	1.2);	( -20.0,	160.0,	0.0,	1.2);
( -17.0,	160.0,	0.0,	1.2);	( -15.0,	160.0,	0.0,	1.2);
( -13.0,	160.0,	0.0,	1.2);	( -11.0,	160.0,	0.0,	1.2);
( -9.0,	160.0,	0.0,	1.2);	( 9.0,	160.0,	0.0,	1.2);
( 11.0,	160.0,	0.0,	1.2);	( 13.0,	160.0,	0.0,	1.2);
( 15.0,	160.0,	0.0,	1.2);	( 17.0,	160.0,	0.0,	1.2);
( 20.0,	160.0,	0.0,	1.2);	( 25.0,	160.0,	0.0,	1.2);
( 30.0,	160.0,	0.0,	1.2);	( 40.0,	160.0,	0.0,	1.2);
( 50.0,	160.0,	0.0,	1.2);	( 60.0,	160.0,	0.0,	1.2);
( 70.0,	160.0,	0.0,	1.2);	( 80.0,	160.0,	0.0,	1.2);
( 90.0,	160.0,	0.0,	1.2);	( 100.0,	160.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 18  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	170.0,	0.0,	1.2);	( -90.0,	170.0,	0.0,	1.2);
( -80.0,	170.0,	0.0,	1.2);	( -70.0,	170.0,	0.0,	1.2);
( -60.0,	170.0,	0.0,	1.2);	( -50.0,	170.0,	0.0,	1.2);
( -40.0,	170.0,	0.0,	1.2);	( -30.0,	170.0,	0.0,	1.2);
( -25.0,	170.0,	0.0,	1.2);	( -20.0,	170.0,	0.0,	1.2);
( -17.0,	170.0,	0.0,	1.2);	( -15.0,	170.0,	0.0,	1.2);
( -13.0,	170.0,	0.0,	1.2);	( -11.0,	170.0,	0.0,	1.2);
( -9.0,	170.0,	0.0,	1.2);	( 9.0,	170.0,	0.0,	1.2);
( 11.0,	170.0,	0.0,	1.2);	( 13.0,	170.0,	0.0,	1.2);
( 15.0,	170.0,	0.0,	1.2);	( 17.0,	170.0,	0.0,	1.2);
( 20.0,	170.0,	0.0,	1.2);	( 25.0,	170.0,	0.0,	1.2);
( 30.0,	170.0,	0.0,	1.2);	( 40.0,	170.0,	0.0,	1.2);
( 50.0,	170.0,	0.0,	1.2);	( 60.0,	170.0,	0.0,	1.2);
( 70.0,	170.0,	0.0,	1.2);	( 80.0,	170.0,	0.0,	1.2);
( 90.0,	170.0,	0.0,	1.2);	( 100.0,	170.0,	0.0,	1.2);
( -100.0,	180.0,	0.0,	1.2);	( -90.0,	180.0,	0.0,	1.2);
( -80.0,	180.0,	0.0,	1.2);	( -70.0,	180.0,	0.0,	1.2);
( -60.0,	180.0,	0.0,	1.2);	( -50.0,	180.0,	0.0,	1.2);
( -40.0,	180.0,	0.0,	1.2);	( -30.0,	180.0,	0.0,	1.2);
( -25.0,	180.0,	0.0,	1.2);	( -20.0,	180.0,	0.0,	1.2);
( -17.0,	180.0,	0.0,	1.2);	( -15.0,	180.0,	0.0,	1.2);
( -13.0,	180.0,	0.0,	1.2);	( -11.0,	180.0,	0.0,	1.2);
( -9.0,	180.0,	0.0,	1.2);	( 9.0,	180.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0,	180.0,	0.0,	1.2);	( 13.0,	180.0,	0.0,	1.2);
( 15.0,	180.0,	0.0,	1.2);	( 17.0,	180.0,	0.0,	1.2);
( 20.0,	180.0,	0.0,	1.2);	( 25.0,	180.0,	0.0,	1.2);
( 30.0,	180.0,	0.0,	1.2);	( 40.0,	180.0,	0.0,	1.2);
( 50.0,	180.0,	0.0,	1.2);	( 60.0,	180.0,	0.0,	1.2);
( 70.0,	180.0,	0.0,	1.2);	( 80.0,	180.0,	0.0,	1.2);
( 90.0,	180.0,	0.0,	1.2);	( 100.0,	180.0,	0.0,	1.2);
( -100.0,	190.0,	0.0,	1.2);	( -90.0,	190.0,	0.0,	1.2);
( -80.0,	190.0,	0.0,	1.2);	( -70.0,	190.0,	0.0,	1.2);
( -60.0,	190.0,	0.0,	1.2);	( -50.0,	190.0,	0.0,	1.2);
( -40.0,	190.0,	0.0,	1.2);	( -30.0,	190.0,	0.0,	1.2);
( -25.0,	190.0,	0.0,	1.2);	( -20.0,	190.0,	0.0,	1.2);
( -17.0,	190.0,	0.0,	1.2);	( -15.0,	190.0,	0.0,	1.2);
( -13.0,	190.0,	0.0,	1.2);	( -11.0,	190.0,	0.0,	1.2);
( -9.0,	190.0,	0.0,	1.2);	( 9.0,	190.0,	0.0,	1.2);
( 11.0,	190.0,	0.0,	1.2);	( 13.0,	190.0,	0.0,	1.2);
( 15.0,	190.0,	0.0,	1.2);	( 17.0,	190.0,	0.0,	1.2);
( 20.0,	190.0,	0.0,	1.2);	( 25.0,	190.0,	0.0,	1.2);
( 30.0,	190.0,	0.0,	1.2);	( 40.0,	190.0,	0.0,	1.2);
( 50.0,	190.0,	0.0,	1.2);	( 60.0,	190.0,	0.0,	1.2);
( 70.0,	190.0,	0.0,	1.2);	( 80.0,	190.0,	0.0,	1.2);
( 90.0,	190.0,	0.0,	1.2);	( 100.0,	190.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	200.0,	0.0,	1.2);	( -90.0,	200.0,	0.0,	1.2);
( -80.0,	200.0,	0.0,	1.2);	( -70.0,	200.0,	0.0,	1.2);
( -60.0,	200.0,	0.0,	1.2);	( -50.0,	200.0,	0.0,	1.2);
( -40.0,	200.0,	0.0,	1.2);	( -30.0,	200.0,	0.0,	1.2);
( -25.0,	200.0,	0.0,	1.2);	( -20.0,	200.0,	0.0,	1.2);
( -17.0,	200.0,	0.0,	1.2);	( -15.0,	200.0,	0.0,	1.2);
( -13.0,	200.0,	0.0,	1.2);	( -11.0,	200.0,	0.0,	1.2);
( -9.0,	200.0,	0.0,	1.2);	( 9.0,	200.0,	0.0,	1.2);
( 11.0,	200.0,	0.0,	1.2);	( 13.0,	200.0,	0.0,	1.2);
( 15.0,	200.0,	0.0,	1.2);	( 17.0,	200.0,	0.0,	1.2);
( 20.0,	200.0,	0.0,	1.2);	( 25.0,	200.0,	0.0,	1.2);
( 30.0,	200.0,	0.0,	1.2);	( 40.0,	200.0,	0.0,	1.2);
( 50.0,	200.0,	0.0,	1.2);	( 60.0,	200.0,	0.0,	1.2);
( 70.0,	200.0,	0.0,	1.2);	( 80.0,	200.0,	0.0,	1.2);
( 90.0,	200.0,	0.0,	1.2);	( 100.0,	200.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0,	210.0,	0.0,	1.2);	( -90.0,	210.0,	0.0,	1.2);
( -80.0,	210.0,	0.0,	1.2);	( -70.0,	210.0,	0.0,	1.2);
( -60.0,	210.0,	0.0,	1.2);	( -50.0,	210.0,	0.0,	1.2);
( -40.0,	210.0,	0.0,	1.2);	( -30.0,	210.0,	0.0,	1.2);
( -25.0,	210.0,	0.0,	1.2);	( -20.0,	210.0,	0.0,	1.2);
( -17.0,	210.0,	0.0,	1.2);	( -15.0,	210.0,	0.0,	1.2);
( -13.0,	210.0,	0.0,	1.2);	( -11.0,	210.0,	0.0,	1.2);
( -9.0,	210.0,	0.0,	1.2);	( 9.0,	210.0,	0.0,	1.2);
( 11.0,	210.0,	0.0,	1.2);	( 13.0,	210.0,	0.0,	1.2);
( 15.0,	210.0,	0.0,	1.2);	( 17.0,	210.0,	0.0,	1.2);
( 20.0,	210.0,	0.0,	1.2);	( 25.0,	210.0,	0.0,	1.2);
( 30.0,	210.0,	0.0,	1.2);	( 40.0,	210.0,	0.0,	1.2);
( 50.0,	210.0,	0.0,	1.2);	( 60.0,	210.0,	0.0,	1.2);
( 70.0,	210.0,	0.0,	1.2);	( 80.0,	210.0,	0.0,	1.2);
( 90.0,	210.0,	0.0,	1.2);	( 100.0,	210.0,	0.0,	1.2);
( -100.0,	220.0,	0.0,	1.2);	( -90.0,	220.0,	0.0,	1.2);
( -80.0,	220.0,	0.0,	1.2);	( -70.0,	220.0,	0.0,	1.2);
( -60.0,	220.0,	0.0,	1.2);	( -50.0,	220.0,	0.0,	1.2);
( -40.0,	220.0,	0.0,	1.2);	( -30.0,	220.0,	0.0,	1.2);
( -25.0,	220.0,	0.0,	1.2);	( -20.0,	220.0,	0.0,	1.2);
( -17.0,	220.0,	0.0,	1.2);	( -15.0,	220.0,	0.0,	1.2);
( -13.0,	220.0,	0.0,	1.2);	( -11.0,	220.0,	0.0,	1.2);
( -9.0,	220.0,	0.0,	1.2);	( 9.0,	220.0,	0.0,	1.2);
( 11.0,	220.0,	0.0,	1.2);	( 13.0,	220.0,	0.0,	1.2);
( 15.0,	220.0,	0.0,	1.2);	( 17.0,	220.0,	0.0,	1.2);
( 20.0,	220.0,	0.0,	1.2);	( 25.0,	220.0,	0.0,	1.2);
( 30.0,	220.0,	0.0,	1.2);	( 40.0,	220.0,	0.0,	1.2);
( 50.0,	220.0,	0.0,	1.2);	( 60.0,	220.0,	0.0,	1.2);
( 70.0,	220.0,	0.0,	1.2);	( 80.0,	220.0,	0.0,	1.2);
( 90.0,	220.0,	0.0,	1.2);	( 100.0,	220.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	230.0,	0.0,	1.2);	( -90.0,	230.0,	0.0,	1.2);
( -80.0,	230.0,	0.0,	1.2);	( -70.0,	230.0,	0.0,	1.2);
( -60.0,	230.0,	0.0,	1.2);	( -50.0,	230.0,	0.0,	1.2);
( -40.0,	230.0,	0.0,	1.2);	( -30.0,	230.0,	0.0,	1.2);
( -25.0,	230.0,	0.0,	1.2);	( -20.0,	230.0,	0.0,	1.2);
( -17.0,	230.0,	0.0,	1.2);	( -15.0,	230.0,	0.0,	1.2);
( -13.0,	230.0,	0.0,	1.2);	( -11.0,	230.0,	0.0,	1.2);

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0,	230.0,	0.0,	1.2);	( -9.0,	230.0,	0.0,	1.2);
( 11.0,	230.0,	0.0,	1.2);	( 13.0,	230.0,	0.0,	1.2);
( 15.0,	230.0,	0.0,	1.2);	( 17.0,	230.0,	0.0,	1.2);
( 20.0,	230.0,	0.0,	1.2);	( 25.0,	230.0,	0.0,	1.2);
( 30.0,	230.0,	0.0,	1.2);	( 40.0,	230.0,	0.0,	1.2);
( 50.0,	230.0,	0.0,	1.2);	( 60.0,	230.0,	0.0,	1.2);
( 70.0,	230.0,	0.0,	1.2);	( 80.0,	230.0,	0.0,	1.2);
( 90.0,	230.0,	0.0,	1.2);	( 100.0,	230.0,	0.0,	1.2);
( -100.0,	240.0,	0.0,	1.2);	( -90.0,	240.0,	0.0,	1.2);
( -80.0,	240.0,	0.0,	1.2);	( -70.0,	240.0,	0.0,	1.2);
( -60.0,	240.0,	0.0,	1.2);	( -50.0,	240.0,	0.0,	1.2);
( -40.0,	240.0,	0.0,	1.2);	( -30.0,	240.0,	0.0,	1.2);
( -25.0,	240.0,	0.0,	1.2);	( -20.0,	240.0,	0.0,	1.2);
( -17.0,	240.0,	0.0,	1.2);	( -15.0,	240.0,	0.0,	1.2);
( -13.0,	240.0,	0.0,	1.2);	( -11.0,	240.0,	0.0,	1.2);
( -9.0,	240.0,	0.0,	1.2);	( 9.0,	240.0,	0.0,	1.2);
( 11.0,	240.0,	0.0,	1.2);	( 13.0,	240.0,	0.0,	1.2);
( 15.0,	240.0,	0.0,	1.2);	( 17.0,	240.0,	0.0,	1.2);
( 20.0,	240.0,	0.0,	1.2);	( 25.0,	240.0,	0.0,	1.2);
( 30.0,	240.0,	0.0,	1.2);	( 40.0,	240.0,	0.0,	1.2);
( 50.0,	240.0,	0.0,	1.2);	( 60.0,	240.0,	0.0,	1.2);
( 70.0,	240.0,	0.0,	1.2);	( 80.0,	240.0,	0.0,	1.2);
( 90.0,	240.0,	0.0,	1.2);	( 100.0,	240.0,	0.0,	1.2);
( -100.0,	250.0,	0.0,	1.2);	( -90.0,	250.0,	0.0,	1.2);
( -80.0,	250.0,	0.0,	1.2);	( -70.0,	250.0,	0.0,	1.2);
( -60.0,	250.0,	0.0,	1.2);	( -50.0,	250.0,	0.0,	1.2);
( -40.0,	250.0,	0.0,	1.2);	( -30.0,	250.0,	0.0,	1.2);
( -25.0,	250.0,	0.0,	1.2);	( -20.0,	250.0,	0.0,	1.2);
( -17.0,	250.0,	0.0,	1.2);	( -15.0,	250.0,	0.0,	1.2);
( -13.0,	250.0,	0.0,	1.2);	( -11.0,	250.0,	0.0,	1.2);
( -9.0,	250.0,	0.0,	1.2);	( 9.0,	250.0,	0.0,	1.2);
( 11.0,	250.0,	0.0,	1.2);	( 13.0,	250.0,	0.0,	1.2);
( 15.0,	250.0,	0.0,	1.2);	( 17.0,	250.0,	0.0,	1.2);
( 20.0,	250.0,	0.0,	1.2);	( 25.0,	250.0,	0.0,	1.2);
( 30.0,	250.0,	0.0,	1.2);	( 40.0,	250.0,	0.0,	1.2);
( 50.0,	250.0,	0.0,	1.2);	( 60.0,	250.0,	0.0,	1.2);
( 70.0,	250.0,	0.0,	1.2);	( 80.0,	250.0,	0.0,	1.2);
( 90.0,	250.0,	0.0,	1.2);	( 100.0,	250.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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URBAN FLAT    FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00005
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00006	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00006	-15.00	-250.00	0.00007
-13.00	-250.00	0.00007	-11.00	-250.00	0.00007
-9.00	-250.00	0.00007	9.00	-250.00	0.00008
11.00	-250.00	0.00008	13.00	-250.00	0.00008
15.00	-250.00	0.00008	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00009
50.00	-250.00	0.00009	60.00	-250.00	0.00009
70.00	-250.00	0.00009	80.00	-250.00	0.00010
90.00	-250.00	0.00010	100.00	-250.00	0.00010
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00005	-70.00	-240.00	0.00005

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00006	-20.00	-240.00	0.00007
-17.00	-240.00	0.00007	-15.00	-240.00	0.00007
-13.00	-240.00	0.00007	-11.00	-240.00	0.00007
-9.00	-240.00	0.00007	9.00	-240.00	0.00008
11.00	-240.00	0.00008	13.00	-240.00	0.00008
15.00	-240.00	0.00008	17.00	-240.00	0.00008
20.00	-240.00	0.00008	25.00	-240.00	0.00009
30.00	-240.00	0.00009	40.00	-240.00	0.00009
50.00	-240.00	0.00009	60.00	-240.00	0.00010
70.00	-240.00	0.00010	80.00	-240.00	0.00010
90.00	-240.00	0.00010	100.00	-240.00	0.00011
-100.00	-230.00	0.00004	-90.00	-230.00	0.00004
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005
-60.00	-230.00	0.00005	-50.00	-230.00	0.00006
-40.00	-230.00	0.00006	-30.00	-230.00	0.00006
-25.00	-230.00	0.00007	-20.00	-230.00	0.00007
-17.00	-230.00	0.00007	-15.00	-230.00	0.00007
-13.00	-230.00	0.00007	-11.00	-230.00	0.00007
-9.00	-230.00	0.00007	9.00	-230.00	0.00008
11.00	-230.00	0.00008	13.00	-230.00	0.00008
15.00	-230.00	0.00009	17.00	-230.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 24

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00010
50.00	-230.00	0.00010	60.00	-230.00	0.00010
70.00	-230.00	0.00010	80.00	-230.00	0.00011
90.00	-230.00	0.00011	100.00	-230.00	0.00011
-100.00	-220.00	0.00004	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00007	-11.00	-220.00	0.00008
-9.00	-220.00	0.00008	9.00	-220.00	0.00009
11.00	-220.00	0.00009	13.00	-220.00	0.00009
15.00	-220.00	0.00009	17.00	-220.00	0.00009
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00010	40.00	-220.00	0.00010
50.00	-220.00	0.00010	60.00	-220.00	0.00011
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00011	100.00	-220.00	0.00012
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00006	-30.00	-210.00	0.00007
-25.00	-210.00	0.00007	-20.00	-210.00	0.00007
-17.00	-210.00	0.00008	-15.00	-210.00	0.00008
-13.00	-210.00	0.00008	-11.00	-210.00	0.00008
-9.00	-210.00	0.00008	9.00	-210.00	0.00009
11.00	-210.00	0.00009	13.00	-210.00	0.00009
15.00	-210.00	0.00009	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00011
50.00	-210.00	0.00011	60.00	-210.00	0.00011
70.00	-210.00	0.00011	80.00	-210.00	0.00012
90.00	-210.00	0.00012	100.00	-210.00	0.00012
-100.00	-200.00	0.00005	-90.00	-200.00	0.00005
-80.00	-200.00	0.00005	-70.00	-200.00	0.00005
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006
-40.00	-200.00	0.00007	-30.00	-200.00	0.00007
-25.00	-200.00	0.00007	-20.00	-200.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00008	-15.00	-200.00	0.00008
-13.00	-200.00	0.00008	-11.00	-200.00	0.00008
-9.00	-200.00	0.00008	9.00	-200.00	0.00010
11.00	-200.00	0.00010	13.00	-200.00	0.00010
15.00	-200.00	0.00010	17.00	-200.00	0.00010

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00010	25.00	-200.00	0.00010
30.00	-200.00	0.00011	40.00	-200.00	0.00011
50.00	-200.00	0.00011	60.00	-200.00	0.00012
70.00	-200.00	0.00012	80.00	-200.00	0.00012
90.00	-200.00	0.00013	100.00	-200.00	0.00013
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00005	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00006
-40.00	-190.00	0.00007	-30.00	-190.00	0.00007
-25.00	-190.00	0.00008	-20.00	-190.00	0.00008
-17.00	-190.00	0.00008	-15.00	-190.00	0.00008
-13.00	-190.00	0.00009	-11.00	-190.00	0.00009
-9.00	-190.00	0.00009	9.00	-190.00	0.00010
11.00	-190.00	0.00010	13.00	-190.00	0.00010
15.00	-190.00	0.00010	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00011	40.00	-190.00	0.00012
50.00	-190.00	0.00012	60.00	-190.00	0.00012
70.00	-190.00	0.00013	80.00	-190.00	0.00013
90.00	-190.00	0.00013	100.00	-190.00	0.00014
-100.00	-180.00	0.00005	-90.00	-180.00	0.00005
-80.00	-180.00	0.00006	-70.00	-180.00	0.00006
-60.00	-180.00	0.00006	-50.00	-180.00	0.00007
-40.00	-180.00	0.00007	-30.00	-180.00	0.00008
-25.00	-180.00	0.00008	-20.00	-180.00	0.00008
-17.00	-180.00	0.00009	-15.00	-180.00	0.00009
-13.00	-180.00	0.00009	-11.00	-180.00	0.00009
-9.00	-180.00	0.00009	9.00	-180.00	0.00011
11.00	-180.00	0.00011	13.00	-180.00	0.00011
15.00	-180.00	0.00011	17.00	-180.00	0.00011
20.00	-180.00	0.00011	25.00	-180.00	0.00012
30.00	-180.00	0.00012	40.00	-180.00	0.00012
50.00	-180.00	0.00013	60.00	-180.00	0.00013
70.00	-180.00	0.00013	80.00	-180.00	0.00014
90.00	-180.00	0.00014	100.00	-180.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:11:25  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00006	-90.00	-170.00	0.00006
-80.00	-170.00	0.00006	-70.00	-170.00	0.00006
-60.00	-170.00	0.00007	-50.00	-170.00	0.00007
-40.00	-170.00	0.00008	-30.00	-170.00	0.00008
-25.00	-170.00	0.00009	-20.00	-170.00	0.00009
-17.00	-170.00	0.00009	-15.00	-170.00	0.00009
-13.00	-170.00	0.00009	-11.00	-170.00	0.00010
-9.00	-170.00	0.00010	9.00	-170.00	0.00011
11.00	-170.00	0.00011	13.00	-170.00	0.00011
15.00	-170.00	0.00012	17.00	-170.00	0.00012
20.00	-170.00	0.00012	25.00	-170.00	0.00012
30.00	-170.00	0.00013	40.00	-170.00	0.00013
50.00	-170.00	0.00014	60.00	-170.00	0.00014
70.00	-170.00	0.00014	80.00	-170.00	0.00015
90.00	-170.00	0.00015	100.00	-170.00	0.00016
-100.00	-160.00	0.00006	-90.00	-160.00	0.00006
-80.00	-160.00	0.00006	-70.00	-160.00	0.00006
-60.00	-160.00	0.00007	-50.00	-160.00	0.00007
-40.00	-160.00	0.00008	-30.00	-160.00	0.00009
-25.00	-160.00	0.00009	-20.00	-160.00	0.00009
-17.00	-160.00	0.00010	-15.00	-160.00	0.00010
-13.00	-160.00	0.00010	-11.00	-160.00	0.00010
-9.00	-160.00	0.00010	9.00	-160.00	0.00012
11.00	-160.00	0.00012	13.00	-160.00	0.00012
15.00	-160.00	0.00012	17.00	-160.00	0.00012
20.00	-160.00	0.00013	25.00	-160.00	0.00013
30.00	-160.00	0.00013	40.00	-160.00	0.00014
50.00	-160.00	0.00014	60.00	-160.00	0.00015
70.00	-160.00	0.00015	80.00	-160.00	0.00016
90.00	-160.00	0.00016	100.00	-160.00	0.00017
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00007
-60.00	-150.00	0.00007	-50.00	-150.00	0.00008
-40.00	-150.00	0.00008	-30.00	-150.00	0.00009
-25.00	-150.00	0.00009	-20.00	-150.00	0.00010
-17.00	-150.00	0.00010	-15.00	-150.00	0.00010
-13.00	-150.00	0.00010	-11.00	-150.00	0.00011
-9.00	-150.00	0.00011	9.00	-150.00	0.00012
11.00	-150.00	0.00013	13.00	-150.00	0.00013
15.00	-150.00	0.00013	17.00	-150.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00013	25.00	-150.00	0.00014
30.00	-150.00	0.00014	40.00	-150.00	0.00015
50.00	-150.00	0.00015	60.00	-150.00	0.00016
70.00	-150.00	0.00016	80.00	-150.00	0.00017
90.00	-150.00	0.00017	100.00	-150.00	0.00018
-100.00	-140.00	0.00006	-90.00	-140.00	0.00007
-80.00	-140.00	0.00007	-70.00	-140.00	0.00007
-60.00	-140.00	0.00007	-50.00	-140.00	0.00008
-40.00	-140.00	0.00009	-30.00	-140.00	0.00009
-25.00	-140.00	0.00010	-20.00	-140.00	0.00010
-17.00	-140.00	0.00011	-15.00	-140.00	0.00011
-13.00	-140.00	0.00011	-11.00	-140.00	0.00011
-9.00	-140.00	0.00011	9.00	-140.00	0.00013
11.00	-140.00	0.00013	13.00	-140.00	0.00014
15.00	-140.00	0.00014	17.00	-140.00	0.00014
20.00	-140.00	0.00014	25.00	-140.00	0.00015
30.00	-140.00	0.00015	40.00	-140.00	0.00016
50.00	-140.00	0.00016	60.00	-140.00	0.00017
70.00	-140.00	0.00017	80.00	-140.00	0.00018
90.00	-140.00	0.00018	100.00	-140.00	0.00019
-100.00	-130.00	0.00007	-90.00	-130.00	0.00007
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00008	-50.00	-130.00	0.00008
-40.00	-130.00	0.00009	-30.00	-130.00	0.00010
-25.00	-130.00	0.00010	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00012	-11.00	-130.00	0.00012
-9.00	-130.00	0.00012	9.00	-130.00	0.00014
11.00	-130.00	0.00014	13.00	-130.00	0.00014
15.00	-130.00	0.00015	17.00	-130.00	0.00015
20.00	-130.00	0.00015	25.00	-130.00	0.00016
30.00	-130.00	0.00016	40.00	-130.00	0.00017
50.00	-130.00	0.00017	60.00	-130.00	0.00018
70.00	-130.00	0.00018	80.00	-130.00	0.00019
90.00	-130.00	0.00020	100.00	-130.00	0.00021
-100.00	-120.00	0.00007	-90.00	-120.00	0.00007
-80.00	-120.00	0.00007	-70.00	-120.00	0.00008

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00008	-50.00	-120.00	0.00009
-40.00	-120.00	0.00010	-30.00	-120.00	0.00010
-25.00	-120.00	0.00011	-20.00	-120.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 28  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00012	-15.00	-120.00	0.00012
-13.00	-120.00	0.00012	-11.00	-120.00	0.00013
-9.00	-120.00	0.00013	9.00	-120.00	0.00015
11.00	-120.00	0.00015	13.00	-120.00	0.00015
15.00	-120.00	0.00016	17.00	-120.00	0.00016
20.00	-120.00	0.00016	25.00	-120.00	0.00017
30.00	-120.00	0.00017	40.00	-120.00	0.00018
50.00	-120.00	0.00018	60.00	-120.00	0.00019
70.00	-120.00	0.00020	80.00	-120.00	0.00020
90.00	-120.00	0.00021	100.00	-120.00	0.00022
-100.00	-110.00	0.00007	-90.00	-110.00	0.00008
-80.00	-110.00	0.00008	-70.00	-110.00	0.00008
-60.00	-110.00	0.00009	-50.00	-110.00	0.00009
-40.00	-110.00	0.00010	-30.00	-110.00	0.00011
-25.00	-110.00	0.00012	-20.00	-110.00	0.00012
-17.00	-110.00	0.00013	-15.00	-110.00	0.00013
-13.00	-110.00	0.00013	-11.00	-110.00	0.00013
-9.00	-110.00	0.00014	9.00	-110.00	0.00016
11.00	-110.00	0.00016	13.00	-110.00	0.00016
15.00	-110.00	0.00017	17.00	-110.00	0.00017
20.00	-110.00	0.00017	25.00	-110.00	0.00018
30.00	-110.00	0.00018	40.00	-110.00	0.00019
50.00	-110.00	0.00020	60.00	-110.00	0.00020
70.00	-110.00	0.00021	80.00	-110.00	0.00022
90.00	-110.00	0.00023	100.00	-110.00	0.00024
-100.00	-100.00	0.00008	-90.00	-100.00	0.00008
-80.00	-100.00	0.00008	-70.00	-100.00	0.00009
-60.00	-100.00	0.00009	-50.00	-100.00	0.00010
-40.00	-100.00	0.00011	-30.00	-100.00	0.00012
-25.00	-100.00	0.00012	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00014

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-100.00	0.00014	-11.00	-100.00	0.00014
-9.00	-100.00	0.00014	9.00	-100.00	0.00017
11.00	-100.00	0.00017	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00019
30.00	-100.00	0.00020	40.00	-100.00	0.00020
50.00	-100.00	0.00021	60.00	-100.00	0.00022
70.00	-100.00	0.00023	80.00	-100.00	0.00024
90.00	-100.00	0.00025	100.00	-100.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00008	-90.00	-90.00	0.00008
-80.00	-90.00	0.00009	-70.00	-90.00	0.00009
-60.00	-90.00	0.00010	-50.00	-90.00	0.00010
-40.00	-90.00	0.00011	-30.00	-90.00	0.00012
-25.00	-90.00	0.00013	-20.00	-90.00	0.00014
-17.00	-90.00	0.00014	-15.00	-90.00	0.00014
-13.00	-90.00	0.00015	-11.00	-90.00	0.00015
-9.00	-90.00	0.00015	9.00	-90.00	0.00018
11.00	-90.00	0.00019	13.00	-90.00	0.00019
15.00	-90.00	0.00019	17.00	-90.00	0.00019
20.00	-90.00	0.00020	25.00	-90.00	0.00020
30.00	-90.00	0.00021	40.00	-90.00	0.00022
50.00	-90.00	0.00023	60.00	-90.00	0.00024
70.00	-90.00	0.00025	80.00	-90.00	0.00026
90.00	-90.00	0.00027	100.00	-90.00	0.00028
-100.00	-80.00	0.00008	-90.00	-80.00	0.00009
-80.00	-80.00	0.00009	-70.00	-80.00	0.00010
-60.00	-80.00	0.00010	-50.00	-80.00	0.00011
-40.00	-80.00	0.00012	-30.00	-80.00	0.00013
-25.00	-80.00	0.00014	-20.00	-80.00	0.00015
-17.00	-80.00	0.00015	-15.00	-80.00	0.00015
-13.00	-80.00	0.00016	-11.00	-80.00	0.00016
-9.00	-80.00	0.00016	9.00	-80.00	0.00020
11.00	-80.00	0.00020	13.00	-80.00	0.00020
15.00	-80.00	0.00021	17.00	-80.00	0.00021

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00021	25.00	-80.00	0.00022
30.00	-80.00	0.00023	40.00	-80.00	0.00024
50.00	-80.00	0.00025	60.00	-80.00	0.00026
70.00	-80.00	0.00027	80.00	-80.00	0.00028
90.00	-80.00	0.00030	100.00	-80.00	0.00031
-100.00	-70.00	0.00009	-90.00	-70.00	0.00009
-80.00	-70.00	0.00010	-70.00	-70.00	0.00010
-60.00	-70.00	0.00011	-50.00	-70.00	0.00011
-40.00	-70.00	0.00012	-30.00	-70.00	0.00014
-25.00	-70.00	0.00015	-20.00	-70.00	0.00015
-17.00	-70.00	0.00016	-15.00	-70.00	0.00016
-13.00	-70.00	0.00017	-11.00	-70.00	0.00017
-9.00	-70.00	0.00018	9.00	-70.00	0.00021
11.00	-70.00	0.00022	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 30  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00023	25.00	-70.00	0.00024
30.00	-70.00	0.00025	40.00	-70.00	0.00026
50.00	-70.00	0.00027	60.00	-70.00	0.00028
70.00	-70.00	0.00029	80.00	-70.00	0.00031
90.00	-70.00	0.00032	100.00	-70.00	0.00034
-100.00	-60.00	0.00009	-90.00	-60.00	0.00010
-80.00	-60.00	0.00010	-70.00	-60.00	0.00011
-60.00	-60.00	0.00011	-50.00	-60.00	0.00012
-40.00	-60.00	0.00013	-30.00	-60.00	0.00015
-25.00	-60.00	0.00016	-20.00	-60.00	0.00017
-17.00	-60.00	0.00017	-15.00	-60.00	0.00018
-13.00	-60.00	0.00018	-11.00	-60.00	0.00018
-9.00	-60.00	0.00019	9.00	-60.00	0.00023
11.00	-60.00	0.00023	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00025
20.00	-60.00	0.00025	25.00	-60.00	0.00026
30.00	-60.00	0.00027	40.00	-60.00	0.00028
50.00	-60.00	0.00029	60.00	-60.00	0.00030
70.00	-60.00	0.00032	80.00	-60.00	0.00034

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00036	100.00	-60.00	0.00038
-100.00	-50.00	0.00010	-90.00	-50.00	0.00010
-80.00	-50.00	0.00011	-70.00	-50.00	0.00012
-60.00	-50.00	0.00012	-50.00	-50.00	0.00013
-40.00	-50.00	0.00014	-30.00	-50.00	0.00016
-25.00	-50.00	0.00017	-20.00	-50.00	0.00018
-17.00	-50.00	0.00018	-15.00	-50.00	0.00019
-13.00	-50.00	0.00019	-11.00	-50.00	0.00020
-9.00	-50.00	0.00020	9.00	-50.00	0.00025
11.00	-50.00	0.00025	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00027
20.00	-50.00	0.00027	25.00	-50.00	0.00028
30.00	-50.00	0.00029	40.00	-50.00	0.00030
50.00	-50.00	0.00032	60.00	-50.00	0.00033
70.00	-50.00	0.00035	80.00	-50.00	0.00037
90.00	-50.00	0.00040	100.00	-50.00	0.00041
-100.00	-40.00	0.00010	-90.00	-40.00	0.00011
-80.00	-40.00	0.00012	-70.00	-40.00	0.00012
-60.00	-40.00	0.00013	-50.00	-40.00	0.00014
-40.00	-40.00	0.00015	-30.00	-40.00	0.00017
-25.00	-40.00	0.00018	-20.00	-40.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00020	-15.00	-40.00	0.00020
-13.00	-40.00	0.00021	-11.00	-40.00	0.00021
-9.00	-40.00	0.00022	9.00	-40.00	0.00027
11.00	-40.00	0.00028	13.00	-40.00	0.00028
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00030	25.00	-40.00	0.00031
30.00	-40.00	0.00032	40.00	-40.00	0.00033
50.00	-40.00	0.00035	60.00	-40.00	0.00037
70.00	-40.00	0.00039	80.00	-40.00	0.00042
90.00	-40.00	0.00044	100.00	-40.00	0.00046
-100.00	-30.00	0.00011	-90.00	-30.00	0.00012
-80.00	-30.00	0.00013	-70.00	-30.00	0.00013
-60.00	-30.00	0.00014	-50.00	-30.00	0.00015



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00016	-30.00	-30.00	0.00018
-25.00	-30.00	0.00019	-20.00	-30.00	0.00020
-17.00	-30.00	0.00021	-15.00	-30.00	0.00022
-13.00	-30.00	0.00023	-11.00	-30.00	0.00023
-9.00	-30.00	0.00024	9.00	-30.00	0.00030
11.00	-30.00	0.00030	13.00	-30.00	0.00031
15.00	-30.00	0.00032	17.00	-30.00	0.00032
20.00	-30.00	0.00033	25.00	-30.00	0.00034
30.00	-30.00	0.00035	40.00	-30.00	0.00037
50.00	-30.00	0.00039	60.00	-30.00	0.00041
70.00	-30.00	0.00044	80.00	-30.00	0.00046
90.00	-30.00	0.00049	100.00	-30.00	0.00051
-100.00	-20.00	0.00011	-90.00	-20.00	0.00012
-80.00	-20.00	0.00013	-70.00	-20.00	0.00014
-60.00	-20.00	0.00015	-50.00	-20.00	0.00016
-40.00	-20.00	0.00017	-30.00	-20.00	0.00019
-25.00	-20.00	0.00021	-20.00	-20.00	0.00022
-17.00	-20.00	0.00023	-15.00	-20.00	0.00024
-13.00	-20.00	0.00024	-11.00	-20.00	0.00025
-9.00	-20.00	0.00026	9.00	-20.00	0.00033
11.00	-20.00	0.00034	13.00	-20.00	0.00034
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00036	25.00	-20.00	0.00037
30.00	-20.00	0.00039	40.00	-20.00	0.00041
50.00	-20.00	0.00043	60.00	-20.00	0.00046
70.00	-20.00	0.00049	80.00	-20.00	0.00052
90.00	-20.00	0.00055	100.00	-20.00	0.00057

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00012	-90.00	-10.00	0.00013
-80.00	-10.00	0.00014	-70.00	-10.00	0.00015
-60.00	-10.00	0.00016	-50.00	-10.00	0.00017
-40.00	-10.00	0.00019	-30.00	-10.00	0.00021
-25.00	-10.00	0.00022	-20.00	-10.00	0.00024
-17.00	-10.00	0.00025	-15.00	-10.00	0.00026
-13.00	-10.00	0.00027	-11.00	-10.00	0.00027

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00028	9.00	-10.00	0.00036
11.00	-10.00	0.00037	13.00	-10.00	0.00038
15.00	-10.00	0.00039	17.00	-10.00	0.00039
20.00	-10.00	0.00040	25.00	-10.00	0.00042
30.00	-10.00	0.00043	40.00	-10.00	0.00045
50.00	-10.00	0.00048	60.00	-10.00	0.00052
70.00	-10.00	0.00055	80.00	-10.00	0.00059
90.00	-10.00	0.00062	100.00	-10.00	0.00064
-100.00	0.00	0.00013	-90.00	0.00	0.00014
-80.00	0.00	0.00015	-70.00	0.00	0.00016
-60.00	0.00	0.00018	-50.00	0.00	0.00019
-40.00	0.00	0.00020	-30.00	0.00	0.00023
-25.00	0.00	0.00024	-20.00	0.00	0.00026
-17.00	0.00	0.00027	-15.00	0.00	0.00028
-13.00	0.00	0.00029	-11.00	0.00	0.00030
-9.00	0.00	0.00031	9.00	0.00	0.00040
11.00	0.00	0.00041	13.00	0.00	0.00042
15.00	0.00	0.00043	17.00	0.00	0.00044
20.00	0.00	0.00045	25.00	0.00	0.00046
30.00	0.00	0.00048	40.00	0.00	0.00051
50.00	0.00	0.00055	60.00	0.00	0.00059
70.00	0.00	0.00063	80.00	0.00	0.00067
90.00	0.00	0.00070	100.00	0.00	0.00072
-100.00	10.00	0.00013	-90.00	10.00	0.00015
-80.00	10.00	0.00016	-70.00	10.00	0.00018
-60.00	10.00	0.00019	-50.00	10.00	0.00020
-40.00	10.00	0.00022	-30.00	10.00	0.00024
-25.00	10.00	0.00026	-20.00	10.00	0.00028
-17.00	10.00	0.00030	-15.00	10.00	0.00031
-13.00	10.00	0.00032	-11.00	10.00	0.00033
-9.00	10.00	0.00034	9.00	10.00	0.00045
11.00	10.00	0.00046	13.00	10.00	0.00047
15.00	10.00	0.00048	17.00	10.00	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00050	25.00	10.00	0.00052

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00054	40.00	10.00	0.00058
50.00	10.00	0.00062	60.00	10.00	0.00068
70.00	10.00	0.00072	80.00	10.00	0.00077
90.00	10.00	0.00080	100.00	10.00	0.00081
-100.00	20.00	0.00014	-90.00	20.00	0.00016
-80.00	20.00	0.00017	-70.00	20.00	0.00019
-60.00	20.00	0.00021	-50.00	20.00	0.00022
-40.00	20.00	0.00024	-30.00	20.00	0.00027
-25.00	20.00	0.00029	-20.00	20.00	0.00031
-17.00	20.00	0.00033	-15.00	20.00	0.00034
-13.00	20.00	0.00035	-11.00	20.00	0.00036
-9.00	20.00	0.00038	9.00	20.00	0.00051
11.00	20.00	0.00052	13.00	20.00	0.00053
15.00	20.00	0.00055	17.00	20.00	0.00056
20.00	20.00	0.00057	25.00	20.00	0.00059
30.00	20.00	0.00061	40.00	20.00	0.00066
50.00	20.00	0.00072	60.00	20.00	0.00078
70.00	20.00	0.00084	80.00	20.00	0.00088
90.00	20.00	0.00091	100.00	20.00	0.00092
-100.00	30.00	0.00015	-90.00	30.00	0.00016
-80.00	30.00	0.00018	-70.00	30.00	0.00020
-60.00	30.00	0.00022	-50.00	30.00	0.00024
-40.00	30.00	0.00027	-30.00	30.00	0.00029
-25.00	30.00	0.00031	-20.00	30.00	0.00034
-17.00	30.00	0.00036	-15.00	30.00	0.00037
-13.00	30.00	0.00039	-11.00	30.00	0.00040
-9.00	30.00	0.00042	9.00	30.00	0.00058
11.00	30.00	0.00059	13.00	30.00	0.00061
15.00	30.00	0.00062	17.00	30.00	0.00063
20.00	30.00	0.00065	25.00	30.00	0.00068
30.00	30.00	0.00070	40.00	30.00	0.00077
50.00	30.00	0.00084	60.00	30.00	0.00091
70.00	30.00	0.00097	80.00	30.00	0.00101
90.00	30.00	0.00103	100.00	30.00	0.00103
-100.00	40.00	0.00016	-90.00	40.00	0.00018
-80.00	40.00	0.00019	-70.00	40.00	0.00022
-60.00	40.00	0.00024	-50.00	40.00	0.00027
-40.00	40.00	0.00029	-30.00	40.00	0.00033
-25.00	40.00	0.00035	-20.00	40.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00040	-15.00	40.00	0.00041
-13.00	40.00	0.00043	-11.00	40.00	0.00045
-9.00	40.00	0.00047	9.00	40.00	0.00066
11.00	40.00	0.00068	13.00	40.00	0.00070
15.00	40.00	0.00071	17.00	40.00	0.00073
20.00	40.00	0.00075	25.00	40.00	0.00078
30.00	40.00	0.00082	40.00	40.00	0.00090
50.00	40.00	0.00099	60.00	40.00	0.00108
70.00	40.00	0.00114	80.00	40.00	0.00117
90.00	40.00	0.00118	100.00	40.00	0.00116
-100.00	50.00	0.00017	-90.00	50.00	0.00019
-80.00	50.00	0.00021	-70.00	50.00	0.00023
-60.00	50.00	0.00026	-50.00	50.00	0.00029
-40.00	50.00	0.00032	-30.00	50.00	0.00036
-25.00	50.00	0.00039	-20.00	50.00	0.00042
-17.00	50.00	0.00044	-15.00	50.00	0.00046
-13.00	50.00	0.00048	-11.00	50.00	0.00050
-9.00	50.00	0.00053	9.00	50.00	0.00077
11.00	50.00	0.00079	13.00	50.00	0.00081
15.00	50.00	0.00083	17.00	50.00	0.00085
20.00	50.00	0.00087	25.00	50.00	0.00092
30.00	50.00	0.00096	40.00	50.00	0.00108
50.00	50.00	0.00119	60.00	50.00	0.00128
70.00	50.00	0.00134	80.00	50.00	0.00135
90.00	50.00	0.00134	100.00	50.00	0.00130
-100.00	60.00	0.00019	-90.00	60.00	0.00020
-80.00	60.00	0.00022	-70.00	60.00	0.00025
-60.00	60.00	0.00028	-50.00	60.00	0.00032
-40.00	60.00	0.00036	-30.00	60.00	0.00040
-25.00	60.00	0.00043	-20.00	60.00	0.00047
-17.00	60.00	0.00050	-15.00	60.00	0.00052
-13.00	60.00	0.00054	-11.00	60.00	0.00057
-9.00	60.00	0.00060	9.00	60.00	0.00090
11.00	60.00	0.00093	13.00	60.00	0.00095
15.00	60.00	0.00097	17.00	60.00	0.00100
20.00	60.00	0.00103	25.00	60.00	0.00109
30.00	60.00	0.00116	40.00	60.00	0.00131
50.00	60.00	0.00144	60.00	60.00	0.00153
70.00	60.00	0.00157	80.00	60.00	0.00156

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00 60.00 0.00152 100.00 60.00 0.00145

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00020	-90.00	70.00	0.00022
-80.00	70.00	0.00024	-70.00	70.00	0.00027
-60.00	70.00	0.00031	-50.00	70.00	0.00035
-40.00	70.00	0.00040	-30.00	70.00	0.00045
-25.00	70.00	0.00049	-20.00	70.00	0.00053
-17.00	70.00	0.00056	-15.00	70.00	0.00058
-13.00	70.00	0.00061	-11.00	70.00	0.00064
-9.00	70.00	0.00068	9.00	70.00	0.00107
11.00	70.00	0.00110	13.00	70.00	0.00113
15.00	70.00	0.00116	17.00	70.00	0.00119
20.00	70.00	0.00124	25.00	70.00	0.00133
30.00	70.00	0.00142	40.00	70.00	0.00161
50.00	70.00	0.00176	60.00	70.00	0.00184
70.00	70.00	0.00184	80.00	70.00	0.00180
90.00	70.00	0.00171	100.00	70.00	0.00160
-100.00	80.00	0.00023	-90.00	80.00	0.00025
-80.00	80.00	0.00027	-70.00	80.00	0.00030
-60.00	80.00	0.00033	-50.00	80.00	0.00038
-40.00	80.00	0.00044	-30.00	80.00	0.00051
-25.00	80.00	0.00055	-20.00	80.00	0.00060
-17.00	80.00	0.00063	-15.00	80.00	0.00066
-13.00	80.00	0.00069	-11.00	80.00	0.00073
-9.00	80.00	0.00078	9.00	80.00	0.00128
11.00	80.00	0.00133	13.00	80.00	0.00137
15.00	80.00	0.00141	17.00	80.00	0.00146
20.00	80.00	0.00152	25.00	80.00	0.00165
30.00	80.00	0.00179	40.00	80.00	0.00203
50.00	80.00	0.00217	60.00	80.00	0.00220
70.00	80.00	0.00215	80.00	80.00	0.00205
90.00	80.00	0.00191	100.00	80.00	0.00175
-100.00	90.00	0.00025	-90.00	90.00	0.00027
-80.00	90.00	0.00030	-70.00	90.00	0.00033
-60.00	90.00	0.00037	-50.00	90.00	0.00042

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00049	-30.00	90.00	0.00057
-25.00	90.00	0.00062	-20.00	90.00	0.00068
-17.00	90.00	0.00072	-15.00	90.00	0.00075
-13.00	90.00	0.00079	-11.00	90.00	0.00084
-9.00	90.00	0.00089	9.00	90.00	0.00157
11.00	90.00	0.00163	13.00	90.00	0.00169
15.00	90.00	0.00176	17.00	90.00	0.00183

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00193	25.00	90.00	0.00213
30.00	90.00	0.00231	40.00	90.00	0.00257
50.00	90.00	0.00267	60.00	90.00	0.00263
70.00	90.00	0.00249	80.00	90.00	0.00230
90.00	90.00	0.00209	100.00	90.00	0.00188
-100.00	100.00	0.00027	-90.00	100.00	0.00030
-80.00	100.00	0.00033	-70.00	100.00	0.00037
-60.00	100.00	0.00041	-50.00	100.00	0.00047
-40.00	100.00	0.00054	-30.00	100.00	0.00064
-25.00	100.00	0.00070	-20.00	100.00	0.00077
-17.00	100.00	0.00082	-15.00	100.00	0.00086
-13.00	100.00	0.00091	-11.00	100.00	0.00096
-9.00	100.00	0.00103	9.00	100.00	0.00197
11.00	100.00	0.00206	13.00	100.00	0.00216
15.00	100.00	0.00227	17.00	100.00	0.00238
20.00	100.00	0.00256	25.00	100.00	0.00283
30.00	100.00	0.00305	40.00	100.00	0.00328
50.00	100.00	0.00326	60.00	100.00	0.00308
70.00	100.00	0.00282	80.00	100.00	0.00253
90.00	100.00	0.00225	100.00	100.00	0.00199
-100.00	110.00	0.00030	-90.00	110.00	0.00033
-80.00	110.00	0.00037	-70.00	110.00	0.00041
-60.00	110.00	0.00047	-50.00	110.00	0.00053
-40.00	110.00	0.00061	-30.00	110.00	0.00071
-25.00	110.00	0.00078	-20.00	110.00	0.00087
-17.00	110.00	0.00093	-15.00	110.00	0.00098
-13.00	110.00	0.00104	-11.00	110.00	0.00110

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00118	9.00	110.00	0.00257
11.00	110.00	0.00274	13.00	110.00	0.00292
15.00	110.00	0.00310	17.00	110.00	0.00328
20.00	110.00	0.00353	25.00	110.00	0.00386
30.00	110.00	0.00406	40.00	110.00	0.00412
50.00	110.00	0.00388	60.00	110.00	0.00350
70.00	110.00	0.00310	80.00	110.00	0.00271
90.00	110.00	0.00236	100.00	110.00	0.00205
-100.00	120.00	0.00032	-90.00	120.00	0.00036
-80.00	120.00	0.00040	-70.00	120.00	0.00046
-60.00	120.00	0.00052	-50.00	120.00	0.00060
-40.00	120.00	0.00070	-30.00	120.00	0.00081
-25.00	120.00	0.00089	-20.00	120.00	0.00098

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00105	-15.00	120.00	0.00110
-13.00	120.00	0.00117	-11.00	120.00	0.00125
-9.00	120.00	0.00135	9.00	120.00	0.00364
11.00	120.00	0.00396	13.00	120.00	0.00426
15.00	120.00	0.00454	17.00	120.00	0.00477
20.00	120.00	0.00503	25.00	120.00	0.00527
30.00	120.00	0.00529	40.00	120.00	0.00496
50.00	120.00	0.00442	60.00	120.00	0.00384
70.00	120.00	0.00330	80.00	120.00	0.00282
90.00	120.00	0.00241	100.00	120.00	0.00206
-100.00	130.00	0.00034	-90.00	130.00	0.00039
-80.00	130.00	0.00044	-70.00	130.00	0.00050
-60.00	130.00	0.00058	-50.00	130.00	0.00067
-40.00	130.00	0.00078	-30.00	130.00	0.00093
-25.00	130.00	0.00101	-20.00	130.00	0.00112
-17.00	130.00	0.00120	-15.00	130.00	0.00127
-13.00	130.00	0.00134	-11.00	130.00	0.00144
-9.00	130.00	0.00157	9.00	130.00	0.00599
11.00	130.00	0.00632	13.00	130.00	0.00654
15.00	130.00	0.00668	17.00	130.00	0.00676
20.00	130.00	0.00678	25.00	130.00	0.00663

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00634	40.00	130.00	0.00558
50.00	130.00	0.00478	60.00	130.00	0.00403
70.00	130.00	0.00339	80.00	130.00	0.00285
90.00	130.00	0.00240	100.00	130.00	0.00203
-100.00	140.00	0.00037	-90.00	140.00	0.00043
-80.00	140.00	0.00049	-70.00	140.00	0.00056
-60.00	140.00	0.00066	-50.00	140.00	0.00077
-40.00	140.00	0.00091	-30.00	140.00	0.00110
-25.00	140.00	0.00122	-20.00	140.00	0.00137
-17.00	140.00	0.00148	-15.00	140.00	0.00157
-13.00	140.00	0.00169	-11.00	140.00	0.00185
-9.00	140.00	0.00206	9.00	140.00	0.00783
11.00	140.00	0.00787	13.00	140.00	0.00789
15.00	140.00	0.00788	17.00	140.00	0.00783
20.00	140.00	0.00769	25.00	140.00	0.00734
30.00	140.00	0.00688	40.00	140.00	0.00588
50.00	140.00	0.00491	60.00	140.00	0.00406
70.00	140.00	0.00336	80.00	140.00	0.00278
90.00	140.00	0.00231	100.00	140.00	0.00194

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00055	-70.00	150.00	0.00064
-60.00	150.00	0.00076	-50.00	150.00	0.00090
-40.00	150.00	0.00110	-30.00	150.00	0.00136
-25.00	150.00	0.00153	-20.00	150.00	0.00174
-17.00	150.00	0.00191	-15.00	150.00	0.00204
-13.00	150.00	0.00219	-11.00	150.00	0.00237
-9.00	150.00	0.00260	9.00	150.00	0.00793
11.00	150.00	0.00797	13.00	150.00	0.00800
15.00	150.00	0.00800	17.00	150.00	0.00795
20.00	150.00	0.00782	25.00	150.00	0.00743
30.00	150.00	0.00695	40.00	150.00	0.00586
50.00	150.00	0.00482	60.00	150.00	0.00393
70.00	150.00	0.00321	80.00	150.00	0.00263
90.00	150.00	0.00216	100.00	150.00	0.00180



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00044	-90.00	160.00	0.00052
-80.00	160.00	0.00061	-70.00	160.00	0.00073
-60.00	160.00	0.00087	-50.00	160.00	0.00105
-40.00	160.00	0.00128	-30.00	160.00	0.00160
-25.00	160.00	0.00180	-20.00	160.00	0.00205
-17.00	160.00	0.00222	-15.00	160.00	0.00235
-13.00	160.00	0.00249	-11.00	160.00	0.00264
-9.00	160.00	0.00283	9.00	160.00	0.00785
11.00	160.00	0.00789	13.00	160.00	0.00791
15.00	160.00	0.00790	17.00	160.00	0.00784
20.00	160.00	0.00768	25.00	160.00	0.00727
30.00	160.00	0.00676	40.00	160.00	0.00562
50.00	160.00	0.00456	60.00	160.00	0.00367
70.00	160.00	0.00296	80.00	160.00	0.00239
90.00	160.00	0.00196	100.00	160.00	0.00162
-100.00	170.00	0.00048	-90.00	170.00	0.00057
-80.00	170.00	0.00067	-70.00	170.00	0.00081
-60.00	170.00	0.00097	-50.00	170.00	0.00118
-40.00	170.00	0.00144	-30.00	170.00	0.00178
-25.00	170.00	0.00199	-20.00	170.00	0.00222
-17.00	170.00	0.00238	-15.00	170.00	0.00248
-13.00	170.00	0.00260	-11.00	170.00	0.00273
-9.00	170.00	0.00289	9.00	170.00	0.00767
11.00	170.00	0.00770	13.00	170.00	0.00771
15.00	170.00	0.00768	17.00	170.00	0.00760

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00742	25.00	170.00	0.00696
30.00	170.00	0.00640	40.00	170.00	0.00521
50.00	170.00	0.00414	60.00	170.00	0.00328
70.00	170.00	0.00261	80.00	170.00	0.00210
90.00	170.00	0.00171	100.00	170.00	0.00142
-100.00	180.00	0.00052	-90.00	180.00	0.00061
-80.00	180.00	0.00072	-70.00	180.00	0.00086
-60.00	180.00	0.00104	-50.00	180.00	0.00127
-40.00	180.00	0.00154	-30.00	180.00	0.00188

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00207	-20.00	180.00	0.00228
-17.00	180.00	0.00241	-15.00	180.00	0.00251
-13.00	180.00	0.00261	-11.00	180.00	0.00272
-9.00	180.00	0.00285	9.00	180.00	0.00739
11.00	180.00	0.00739	13.00	180.00	0.00738
15.00	180.00	0.00732	17.00	180.00	0.00722
20.00	180.00	0.00700	25.00	180.00	0.00647
30.00	180.00	0.00585	40.00	180.00	0.00462
50.00	180.00	0.00359	60.00	180.00	0.00280
70.00	180.00	0.00221	80.00	180.00	0.00177
90.00	180.00	0.00145	100.00	180.00	0.00120
-100.00	190.00	0.00054	-90.00	190.00	0.00064
-80.00	190.00	0.00075	-70.00	190.00	0.00090
-60.00	190.00	0.00109	-50.00	190.00	0.00132
-40.00	190.00	0.00160	-30.00	190.00	0.00192
-25.00	190.00	0.00209	-20.00	190.00	0.00227
-17.00	190.00	0.00238	-15.00	190.00	0.00246
-13.00	190.00	0.00254	-11.00	190.00	0.00263
-9.00	190.00	0.00275	9.00	190.00	0.00696
11.00	190.00	0.00693	13.00	190.00	0.00687
15.00	190.00	0.00677	17.00	190.00	0.00663
20.00	190.00	0.00634	25.00	190.00	0.00573
30.00	190.00	0.00507	40.00	190.00	0.00385
50.00	190.00	0.00292	60.00	190.00	0.00226
70.00	190.00	0.00178	80.00	190.00	0.00144
90.00	190.00	0.00118	100.00	190.00	0.00099
-100.00	200.00	0.00056	-90.00	200.00	0.00066
-80.00	200.00	0.00078	-70.00	200.00	0.00092
-60.00	200.00	0.00111	-50.00	200.00	0.00134
-40.00	200.00	0.00161	-30.00	200.00	0.00191
-25.00	200.00	0.00206	-20.00	200.00	0.00221

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00230	-15.00	200.00	0.00236
-13.00	200.00	0.00242	-11.00	200.00	0.00250
-9.00	200.00	0.00259	9.00	200.00	0.00632

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00620	13.00	200.00	0.00607
15.00	200.00	0.00589	17.00	200.00	0.00567
20.00	200.00	0.00530	25.00	200.00	0.00462
30.00	200.00	0.00398	40.00	200.00	0.00292
50.00	200.00	0.00220	60.00	200.00	0.00171
70.00	200.00	0.00136	80.00	200.00	0.00112
90.00	200.00	0.00093	100.00	200.00	0.00079
-100.00	210.00	0.00058	-90.00	210.00	0.00067
-80.00	210.00	0.00079	-70.00	210.00	0.00093
-60.00	210.00	0.00111	-50.00	210.00	0.00132
-40.00	210.00	0.00157	-30.00	210.00	0.00184
-25.00	210.00	0.00197	-20.00	210.00	0.00211
-17.00	210.00	0.00218	-15.00	210.00	0.00223
-13.00	210.00	0.00228	-11.00	210.00	0.00233
-9.00	210.00	0.00240	9.00	210.00	0.00518
11.00	210.00	0.00491	13.00	210.00	0.00464
15.00	210.00	0.00437	17.00	210.00	0.00410
20.00	210.00	0.00371	25.00	210.00	0.00313
30.00	210.00	0.00265	40.00	210.00	0.00196
50.00	210.00	0.00151	60.00	210.00	0.00121
70.00	210.00	0.00099	80.00	210.00	0.00083
90.00	210.00	0.00071	100.00	210.00	0.00062
-100.00	220.00	0.00058	-90.00	220.00	0.00067
-80.00	220.00	0.00078	-70.00	220.00	0.00092
-60.00	220.00	0.00109	-50.00	220.00	0.00128
-40.00	220.00	0.00150	-30.00	220.00	0.00173
-25.00	220.00	0.00184	-20.00	220.00	0.00195
-17.00	220.00	0.00200	-15.00	220.00	0.00204
-13.00	220.00	0.00207	-11.00	220.00	0.00211
-9.00	220.00	0.00215	9.00	220.00	0.00273
11.00	220.00	0.00245	13.00	220.00	0.00226
15.00	220.00	0.00211	17.00	220.00	0.00200
20.00	220.00	0.00185	25.00	220.00	0.00163
30.00	220.00	0.00146	40.00	220.00	0.00118
50.00	220.00	0.00097	60.00	220.00	0.00082
70.00	220.00	0.00070	80.00	220.00	0.00061
90.00	220.00	0.00053	100.00	220.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00057	-90.00	230.00	0.00066	
-80.00	230.00	0.00076	-70.00	230.00	0.00088	
-60.00	230.00	0.00103	-50.00	230.00	0.00119	
-40.00	230.00	0.00137	-30.00	230.00	0.00154	
-25.00	230.00	0.00161	-20.00	230.00	0.00167	
-17.00	230.00	0.00169	-15.00	230.00	0.00168	
-13.00	230.00	0.00167	-11.00	230.00	0.00165	
-9.00	230.00	0.00160	9.00	230.00	0.00077	
11.00	230.00	0.00077	13.00	230.00	0.00077	
15.00	230.00	0.00078	17.00	230.00	0.00078	
20.00	230.00	0.00078	25.00	230.00	0.00077	
30.00	230.00	0.00074	40.00	230.00	0.00068	
50.00	230.00	0.00060	60.00	230.00	0.00054	
70.00	230.00	0.00048	80.00	230.00	0.00044	
90.00	230.00	0.00039	100.00	230.00	0.00036	
-100.00	240.00	0.00055	-90.00	240.00	0.00063	
-80.00	240.00	0.00072	-70.00	240.00	0.00082	
-60.00	240.00	0.00093	-50.00	240.00	0.00105	
-40.00	240.00	0.00116	-30.00	240.00	0.00125	
-25.00	240.00	0.00126	-20.00	240.00	0.00124	
-17.00	240.00	0.00120	-15.00	240.00	0.00116	
-13.00	240.00	0.00111	-11.00	240.00	0.00105	
-9.00	240.00	0.00097	9.00	240.00	0.00051	
11.00	240.00	0.00050	13.00	240.00	0.00049	
15.00	240.00	0.00048	17.00	240.00	0.00047	
20.00	240.00	0.00046	25.00	240.00	0.00045	
30.00	240.00	0.00044	40.00	240.00	0.00042	
50.00	240.00	0.00039	60.00	240.00	0.00037	
70.00	240.00	0.00034	80.00	240.00	0.00031	
90.00	240.00	0.00029	100.00	240.00	0.00027	
-100.00	250.00	0.00052	-90.00	250.00	0.00058	
-80.00	250.00	0.00066	-70.00	250.00	0.00073	
-60.00	250.00	0.00081	-50.00	250.00	0.00089	
-40.00	250.00	0.00094	-30.00	250.00	0.00096	
-25.00	250.00	0.00093	-20.00	250.00	0.00087	
-17.00	250.00	0.00082	-15.00	250.00	0.00077	
-13.00	250.00	0.00073	-11.00	250.00	0.00068	
-9.00	250.00	0.00063	9.00	250.00	0.00037	
11.00	250.00	0.00036	13.00	250.00	0.00036	
15.00	250.00	0.00035	17.00	250.00	0.00035	

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00034	25.00	250.00	0.00033
30.00	250.00	0.00032	40.00	250.00	0.00030
50.00	250.00	0.00028	60.00	250.00	0.00026
70.00	250.00	0.00025	80.00	250.00	0.00023
90.00	250.00	0.00022	100.00	250.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00006
-80.00	-250.00	0.00006	-70.00	-250.00	0.00006
-60.00	-250.00	0.00007	-50.00	-250.00	0.00007
-40.00	-250.00	0.00008	-30.00	-250.00	0.00009
-25.00	-250.00	0.00009	-20.00	-250.00	0.00009
-17.00	-250.00	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00012
11.00	-250.00	0.00012	13.00	-250.00	0.00012
15.00	-250.00	0.00012	17.00	-250.00	0.00012
20.00	-250.00	0.00013	25.00	-250.00	0.00013
30.00	-250.00	0.00013	40.00	-250.00	0.00014
50.00	-250.00	0.00014	60.00	-250.00	0.00015
70.00	-250.00	0.00015	80.00	-250.00	0.00016
90.00	-250.00	0.00016	100.00	-250.00	0.00017
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00007
-60.00	-240.00	0.00007	-50.00	-240.00	0.00008
-40.00	-240.00	0.00008	-30.00	-240.00	0.00009
-25.00	-240.00	0.00009	-20.00	-240.00	0.00010

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00011
-9.00	-240.00	0.00011	9.00	-240.00	0.00012
11.00	-240.00	0.00013	13.00	-240.00	0.00013
15.00	-240.00	0.00013	17.00	-240.00	0.00013
20.00	-240.00	0.00013	25.00	-240.00	0.00014
30.00	-240.00	0.00014	40.00	-240.00	0.00015
50.00	-240.00	0.00015	60.00	-240.00	0.00016
70.00	-240.00	0.00016	80.00	-240.00	0.00017
90.00	-240.00	0.00017	100.00	-240.00	0.00018
-100.00	-230.00	0.00006	-90.00	-230.00	0.00007
-80.00	-230.00	0.00007	-70.00	-230.00	0.00007
-60.00	-230.00	0.00007	-50.00	-230.00	0.00008
-40.00	-230.00	0.00009	-30.00	-230.00	0.00009
-25.00	-230.00	0.00010	-20.00	-230.00	0.00010
-17.00	-230.00	0.00011	-15.00	-230.00	0.00011
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00011	9.00	-230.00	0.00013
11.00	-230.00	0.00013	13.00	-230.00	0.00014
15.00	-230.00	0.00014	17.00	-230.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00014	25.00	-230.00	0.00015
30.00	-230.00	0.00015	40.00	-230.00	0.00016
50.00	-230.00	0.00016	60.00	-230.00	0.00017
70.00	-230.00	0.00017	80.00	-230.00	0.00018
90.00	-230.00	0.00018	100.00	-230.00	0.00019
-100.00	-220.00	0.00007	-90.00	-220.00	0.00007
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00008	-50.00	-220.00	0.00008
-40.00	-220.00	0.00009	-30.00	-220.00	0.00010
-25.00	-220.00	0.00010	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00012	-11.00	-220.00	0.00012
-9.00	-220.00	0.00012	9.00	-220.00	0.00014
11.00	-220.00	0.00014	13.00	-220.00	0.00014

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00015	17.00	-220.00	0.00015
20.00	-220.00	0.00015	25.00	-220.00	0.00016
30.00	-220.00	0.00016	40.00	-220.00	0.00017
50.00	-220.00	0.00017	60.00	-220.00	0.00018
70.00	-220.00	0.00018	80.00	-220.00	0.00019
90.00	-220.00	0.00020	100.00	-220.00	0.00021
-100.00	-210.00	0.00007	-90.00	-210.00	0.00007
-80.00	-210.00	0.00007	-70.00	-210.00	0.00008
-60.00	-210.00	0.00008	-50.00	-210.00	0.00009
-40.00	-210.00	0.00010	-30.00	-210.00	0.00010
-25.00	-210.00	0.00011	-20.00	-210.00	0.00011
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00013
-9.00	-210.00	0.00013	9.00	-210.00	0.00015
11.00	-210.00	0.00015	13.00	-210.00	0.00015
15.00	-210.00	0.00016	17.00	-210.00	0.00016
20.00	-210.00	0.00016	25.00	-210.00	0.00017
30.00	-210.00	0.00017	40.00	-210.00	0.00018
50.00	-210.00	0.00018	60.00	-210.00	0.00019
70.00	-210.00	0.00020	80.00	-210.00	0.00020
90.00	-210.00	0.00021	100.00	-210.00	0.00022
-100.00	-200.00	0.00007	-90.00	-200.00	0.00008
-80.00	-200.00	0.00008	-70.00	-200.00	0.00008
-60.00	-200.00	0.00009	-50.00	-200.00	0.00009
-40.00	-200.00	0.00010	-30.00	-200.00	0.00011
-25.00	-200.00	0.00012	-20.00	-200.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTS:

PAGE 45

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00014	9.00	-200.00	0.00016
11.00	-200.00	0.00016	13.00	-200.00	0.00016
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00018
30.00	-200.00	0.00018	40.00	-200.00	0.00019
50.00	-200.00	0.00020	60.00	-200.00	0.00020

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00021	80.00	-200.00	0.00022
90.00	-200.00	0.00023	100.00	-200.00	0.00024
-100.00	-190.00	0.00008	-90.00	-190.00	0.00008
-80.00	-190.00	0.00008	-70.00	-190.00	0.00009
-60.00	-190.00	0.00009	-50.00	-190.00	0.00010
-40.00	-190.00	0.00011	-30.00	-190.00	0.00012
-25.00	-190.00	0.00012	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00014
-13.00	-190.00	0.00014	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00017
11.00	-190.00	0.00017	13.00	-190.00	0.00018
15.00	-190.00	0.00018	17.00	-190.00	0.00018
20.00	-190.00	0.00018	25.00	-190.00	0.00019
30.00	-190.00	0.00020	40.00	-190.00	0.00020
50.00	-190.00	0.00021	60.00	-190.00	0.00022
70.00	-190.00	0.00023	80.00	-190.00	0.00024
90.00	-190.00	0.00025	100.00	-190.00	0.00026
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00009	-70.00	-180.00	0.00009
-60.00	-180.00	0.00010	-50.00	-180.00	0.00010
-40.00	-180.00	0.00011	-30.00	-180.00	0.00012
-25.00	-180.00	0.00013	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00015	-11.00	-180.00	0.00015
-9.00	-180.00	0.00015	9.00	-180.00	0.00018
11.00	-180.00	0.00019	13.00	-180.00	0.00019
15.00	-180.00	0.00019	17.00	-180.00	0.00019
20.00	-180.00	0.00020	25.00	-180.00	0.00020
30.00	-180.00	0.00021	40.00	-180.00	0.00022
50.00	-180.00	0.00023	60.00	-180.00	0.00024
70.00	-180.00	0.00025	80.00	-180.00	0.00026
90.00	-180.00	0.00027	100.00	-180.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00008	-90.00	-170.00	0.00009
-80.00	-170.00	0.00009	-70.00	-170.00	0.00010



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00010	-50.00	-170.00	0.00011
-40.00	-170.00	0.00012	-30.00	-170.00	0.00013
-25.00	-170.00	0.00014	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00016	-11.00	-170.00	0.00016
-9.00	-170.00	0.00016	9.00	-170.00	0.00020
11.00	-170.00	0.00020	13.00	-170.00	0.00020
15.00	-170.00	0.00021	17.00	-170.00	0.00021
20.00	-170.00	0.00021	25.00	-170.00	0.00022
30.00	-170.00	0.00023	40.00	-170.00	0.00024
50.00	-170.00	0.00025	60.00	-170.00	0.00026
70.00	-170.00	0.00027	80.00	-170.00	0.00028
90.00	-170.00	0.00030	100.00	-170.00	0.00031
-100.00	-160.00	0.00009	-90.00	-160.00	0.00009
-80.00	-160.00	0.00010	-70.00	-160.00	0.00010
-60.00	-160.00	0.00011	-50.00	-160.00	0.00011
-40.00	-160.00	0.00012	-30.00	-160.00	0.00014
-25.00	-160.00	0.00015	-20.00	-160.00	0.00015
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00017	-11.00	-160.00	0.00017
-9.00	-160.00	0.00018	9.00	-160.00	0.00021
11.00	-160.00	0.00022	13.00	-160.00	0.00022
15.00	-160.00	0.00022	17.00	-160.00	0.00023
20.00	-160.00	0.00023	25.00	-160.00	0.00024
30.00	-160.00	0.00025	40.00	-160.00	0.00026
50.00	-160.00	0.00027	60.00	-160.00	0.00028
70.00	-160.00	0.00029	80.00	-160.00	0.00031
90.00	-160.00	0.00032	100.00	-160.00	0.00034
-100.00	-150.00	0.00009	-90.00	-150.00	0.00010
-80.00	-150.00	0.00010	-70.00	-150.00	0.00011
-60.00	-150.00	0.00011	-50.00	-150.00	0.00012
-40.00	-150.00	0.00013	-30.00	-150.00	0.00015
-25.00	-150.00	0.00016	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00018
-13.00	-150.00	0.00018	-11.00	-150.00	0.00018
-9.00	-150.00	0.00019	9.00	-150.00	0.00023
11.00	-150.00	0.00023	13.00	-150.00	0.00024
15.00	-150.00	0.00024	17.00	-150.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

04NCRA PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00025	25.00	-150.00	0.00026	
30.00	-150.00	0.00027	40.00	-150.00	0.00028	
50.00	-150.00	0.00029	60.00	-150.00	0.00030	
70.00	-150.00	0.00032	80.00	-150.00	0.00034	
90.00	-150.00	0.00036	100.00	-150.00	0.00038	
-100.00	-140.00	0.00010	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00011	-70.00	-140.00	0.00012	
-60.00	-140.00	0.00012	-50.00	-140.00	0.00013	
-40.00	-140.00	0.00014	-30.00	-140.00	0.00016	
-25.00	-140.00	0.00017	-20.00	-140.00	0.00018	
-17.00	-140.00	0.00018	-15.00	-140.00	0.00019	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00020	
-9.00	-140.00	0.00020	9.00	-140.00	0.00025	
11.00	-140.00	0.00025	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00027	
20.00	-140.00	0.00027	25.00	-140.00	0.00028	
30.00	-140.00	0.00029	40.00	-140.00	0.00030	
50.00	-140.00	0.00032	60.00	-140.00	0.00033	
70.00	-140.00	0.00035	80.00	-140.00	0.00037	
90.00	-140.00	0.00040	100.00	-140.00	0.00041	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00011	
-80.00	-130.00	0.00012	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00013	-50.00	-130.00	0.00014	
-40.00	-130.00	0.00015	-30.00	-130.00	0.00017	
-25.00	-130.00	0.00018	-20.00	-130.00	0.00019	
-17.00	-130.00	0.00020	-15.00	-130.00	0.00020	
-13.00	-130.00	0.00021	-11.00	-130.00	0.00021	
-9.00	-130.00	0.00022	9.00	-130.00	0.00027	
11.00	-130.00	0.00028	13.00	-130.00	0.00028	
15.00	-130.00	0.00029	17.00	-130.00	0.00029	
20.00	-130.00	0.00030	25.00	-130.00	0.00031	
30.00	-130.00	0.00032	40.00	-130.00	0.00033	
50.00	-130.00	0.00035	60.00	-130.00	0.00037	
70.00	-130.00	0.00039	80.00	-130.00	0.00042	
90.00	-130.00	0.00044	100.00	-130.00	0.00046	
-100.00	-120.00	0.00011	-90.00	-120.00	0.00012	
-80.00	-120.00	0.00013	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00014	-50.00	-120.00	0.00015	
-40.00	-120.00	0.00016	-30.00	-120.00	0.00018	
-25.00	-120.00	0.00019	-20.00	-120.00	0.00020	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00021	-15.00	-120.00	0.00022
-13.00	-120.00	0.00023	-11.00	-120.00	0.00023
-9.00	-120.00	0.00024	9.00	-120.00	0.00030
11.00	-120.00	0.00030	13.00	-120.00	0.00031
15.00	-120.00	0.00032	17.00	-120.00	0.00032
20.00	-120.00	0.00033	25.00	-120.00	0.00034
30.00	-120.00	0.00035	40.00	-120.00	0.00037
50.00	-120.00	0.00039	60.00	-120.00	0.00041
70.00	-120.00	0.00044	80.00	-120.00	0.00046
90.00	-120.00	0.00049	100.00	-120.00	0.00051
-100.00	-110.00	0.00011	-90.00	-110.00	0.00012
-80.00	-110.00	0.00013	-70.00	-110.00	0.00014
-60.00	-110.00	0.00015	-50.00	-110.00	0.00016
-40.00	-110.00	0.00017	-30.00	-110.00	0.00019
-25.00	-110.00	0.00021	-20.00	-110.00	0.00022
-17.00	-110.00	0.00023	-15.00	-110.00	0.00024
-13.00	-110.00	0.00024	-11.00	-110.00	0.00025
-9.00	-110.00	0.00026	9.00	-110.00	0.00033
11.00	-110.00	0.00034	13.00	-110.00	0.00034
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00036	25.00	-110.00	0.00037
30.00	-110.00	0.00039	40.00	-110.00	0.00041
50.00	-110.00	0.00043	60.00	-110.00	0.00046
70.00	-110.00	0.00049	80.00	-110.00	0.00052
90.00	-110.00	0.00055	100.00	-110.00	0.00057
-100.00	-100.00	0.00012	-90.00	-100.00	0.00013
-80.00	-100.00	0.00014	-70.00	-100.00	0.00015
-60.00	-100.00	0.00016	-50.00	-100.00	0.00017
-40.00	-100.00	0.00019	-30.00	-100.00	0.00021
-25.00	-100.00	0.00022	-20.00	-100.00	0.00024
-17.00	-100.00	0.00025	-15.00	-100.00	0.00026
-13.00	-100.00	0.00027	-11.00	-100.00	0.00027
-9.00	-100.00	0.00028	9.00	-100.00	0.00036
11.00	-100.00	0.00037	13.00	-100.00	0.00038

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00039	17.00	-100.00	0.00039
20.00	-100.00	0.00040	25.00	-100.00	0.00042
30.00	-100.00	0.00043	40.00	-100.00	0.00045
50.00	-100.00	0.00048	60.00	-100.00	0.00052
70.00	-100.00	0.00055	80.00	-100.00	0.00059
90.00	-100.00	0.00062	100.00	-100.00	0.00064

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00013	-90.00	-90.00	0.00014
-80.00	-90.00	0.00015	-70.00	-90.00	0.00016
-60.00	-90.00	0.00018	-50.00	-90.00	0.00019
-40.00	-90.00	0.00020	-30.00	-90.00	0.00023
-25.00	-90.00	0.00024	-20.00	-90.00	0.00026
-17.00	-90.00	0.00027	-15.00	-90.00	0.00028
-13.00	-90.00	0.00029	-11.00	-90.00	0.00030
-9.00	-90.00	0.00031	9.00	-90.00	0.00040
11.00	-90.00	0.00041	13.00	-90.00	0.00042
15.00	-90.00	0.00043	17.00	-90.00	0.00044
20.00	-90.00	0.00045	25.00	-90.00	0.00046
30.00	-90.00	0.00048	40.00	-90.00	0.00051
50.00	-90.00	0.00055	60.00	-90.00	0.00059
70.00	-90.00	0.00063	80.00	-90.00	0.00067
90.00	-90.00	0.00070	100.00	-90.00	0.00072
-100.00	-80.00	0.00013	-90.00	-80.00	0.00015
-80.00	-80.00	0.00016	-70.00	-80.00	0.00018
-60.00	-80.00	0.00019	-50.00	-80.00	0.00020
-40.00	-80.00	0.00022	-30.00	-80.00	0.00024
-25.00	-80.00	0.00026	-20.00	-80.00	0.00028
-17.00	-80.00	0.00030	-15.00	-80.00	0.00031
-13.00	-80.00	0.00032	-11.00	-80.00	0.00033
-9.00	-80.00	0.00034	9.00	-80.00	0.00045
11.00	-80.00	0.00046	13.00	-80.00	0.00047
15.00	-80.00	0.00048	17.00	-80.00	0.00049
20.00	-80.00	0.00050	25.00	-80.00	0.00052
30.00	-80.00	0.00054	40.00	-80.00	0.00058
50.00	-80.00	0.00062	60.00	-80.00	0.00068

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00072	80.00	-80.00	0.00077
90.00	-80.00	0.00080	100.00	-80.00	0.00081
-100.00	-70.00	0.00014	-90.00	-70.00	0.00016
-80.00	-70.00	0.00017	-70.00	-70.00	0.00019
-60.00	-70.00	0.00021	-50.00	-70.00	0.00022
-40.00	-70.00	0.00024	-30.00	-70.00	0.00027
-25.00	-70.00	0.00029	-20.00	-70.00	0.00031
-17.00	-70.00	0.00033	-15.00	-70.00	0.00034
-13.00	-70.00	0.00035	-11.00	-70.00	0.00036
-9.00	-70.00	0.00038	9.00	-70.00	0.00051
11.00	-70.00	0.00052	13.00	-70.00	0.00053
15.00	-70.00	0.00055	17.00	-70.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 50

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00057	25.00	-70.00	0.00059
30.00	-70.00	0.00061	40.00	-70.00	0.00066
50.00	-70.00	0.00072	60.00	-70.00	0.00078
70.00	-70.00	0.00084	80.00	-70.00	0.00088
90.00	-70.00	0.00091	100.00	-70.00	0.00092
-100.00	-60.00	0.00015	-90.00	-60.00	0.00016
-80.00	-60.00	0.00018	-70.00	-60.00	0.00020
-60.00	-60.00	0.00022	-50.00	-60.00	0.00024
-40.00	-60.00	0.00027	-30.00	-60.00	0.00029
-25.00	-60.00	0.00031	-20.00	-60.00	0.00034
-17.00	-60.00	0.00036	-15.00	-60.00	0.00037
-13.00	-60.00	0.00039	-11.00	-60.00	0.00040
-9.00	-60.00	0.00042	9.00	-60.00	0.00058
11.00	-60.00	0.00059	13.00	-60.00	0.00061
15.00	-60.00	0.00062	17.00	-60.00	0.00063
20.00	-60.00	0.00065	25.00	-60.00	0.00068
30.00	-60.00	0.00070	40.00	-60.00	0.00077
50.00	-60.00	0.00084	60.00	-60.00	0.00091
70.00	-60.00	0.00097	80.00	-60.00	0.00101
90.00	-60.00	0.00103	100.00	-60.00	0.00103
-100.00	-50.00	0.00016	-90.00	-50.00	0.00018
-80.00	-50.00	0.00019	-70.00	-50.00	0.00022

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00024	-50.00	-50.00	0.00027
-40.00	-50.00	0.00029	-30.00	-50.00	0.00033
-25.00	-50.00	0.00035	-20.00	-50.00	0.00038
-17.00	-50.00	0.00040	-15.00	-50.00	0.00041
-13.00	-50.00	0.00043	-11.00	-50.00	0.00045
-9.00	-50.00	0.00047	9.00	-50.00	0.00066
11.00	-50.00	0.00068	13.00	-50.00	0.00070
15.00	-50.00	0.00071	17.00	-50.00	0.00073
20.00	-50.00	0.00075	25.00	-50.00	0.00078
30.00	-50.00	0.00082	40.00	-50.00	0.00090
50.00	-50.00	0.00099	60.00	-50.00	0.00108
70.00	-50.00	0.00114	80.00	-50.00	0.00117
90.00	-50.00	0.00118	100.00	-50.00	0.00116
-100.00	-40.00	0.00017	-90.00	-40.00	0.00019
-80.00	-40.00	0.00021	-70.00	-40.00	0.00023
-60.00	-40.00	0.00026	-50.00	-40.00	0.00029
-40.00	-40.00	0.00032	-30.00	-40.00	0.00036
-25.00	-40.00	0.00039	-20.00	-40.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00044	-15.00	-40.00	0.00046
-13.00	-40.00	0.00048	-11.00	-40.00	0.00050
-9.00	-40.00	0.00053	9.00	-40.00	0.00077
11.00	-40.00	0.00079	13.00	-40.00	0.00081
15.00	-40.00	0.00083	17.00	-40.00	0.00085
20.00	-40.00	0.00087	25.00	-40.00	0.00092
30.00	-40.00	0.00096	40.00	-40.00	0.00108
50.00	-40.00	0.00119	60.00	-40.00	0.00128
70.00	-40.00	0.00134	80.00	-40.00	0.00135
90.00	-40.00	0.00134	100.00	-40.00	0.00130
-100.00	-30.00	0.00019	-90.00	-30.00	0.00020
-80.00	-30.00	0.00022	-70.00	-30.00	0.00025
-60.00	-30.00	0.00028	-50.00	-30.00	0.00032
-40.00	-30.00	0.00036	-30.00	-30.00	0.00040
-25.00	-30.00	0.00043	-20.00	-30.00	0.00047
-17.00	-30.00	0.00050	-15.00	-30.00	0.00052

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00054	-11.00	-30.00	0.00057
-9.00	-30.00	0.00060	9.00	-30.00	0.00090
11.00	-30.00	0.00093	13.00	-30.00	0.00095
15.00	-30.00	0.00097	17.00	-30.00	0.00100
20.00	-30.00	0.00103	25.00	-30.00	0.00109
30.00	-30.00	0.00116	40.00	-30.00	0.00131
50.00	-30.00	0.00144	60.00	-30.00	0.00153
70.00	-30.00	0.00157	80.00	-30.00	0.00156
90.00	-30.00	0.00152	100.00	-30.00	0.00145
-100.00	-20.00	0.00020	-90.00	-20.00	0.00022
-80.00	-20.00	0.00024	-70.00	-20.00	0.00027
-60.00	-20.00	0.00031	-50.00	-20.00	0.00035
-40.00	-20.00	0.00040	-30.00	-20.00	0.00045
-25.00	-20.00	0.00049	-20.00	-20.00	0.00053
-17.00	-20.00	0.00056	-15.00	-20.00	0.00058
-13.00	-20.00	0.00061	-11.00	-20.00	0.00064
-9.00	-20.00	0.00068	9.00	-20.00	0.00107
11.00	-20.00	0.00110	13.00	-20.00	0.00113
15.00	-20.00	0.00116	17.00	-20.00	0.00119
20.00	-20.00	0.00124	25.00	-20.00	0.00133
30.00	-20.00	0.00142	40.00	-20.00	0.00161
50.00	-20.00	0.00176	60.00	-20.00	0.00184
70.00	-20.00	0.00184	80.00	-20.00	0.00180
90.00	-20.00	0.00171	100.00	-20.00	0.00160

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00023	-90.00	-10.00	0.00025
-80.00	-10.00	0.00027	-70.00	-10.00	0.00030
-60.00	-10.00	0.00033	-50.00	-10.00	0.00038
-40.00	-10.00	0.00044	-30.00	-10.00	0.00051
-25.00	-10.00	0.00055	-20.00	-10.00	0.00060
-17.00	-10.00	0.00063	-15.00	-10.00	0.00066
-13.00	-10.00	0.00069	-11.00	-10.00	0.00073
-9.00	-10.00	0.00078	9.00	-10.00	0.00128
11.00	-10.00	0.00133	13.00	-10.00	0.00137
15.00	-10.00	0.00141	17.00	-10.00	0.00146

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00152	25.00	-10.00	0.00165
30.00	-10.00	0.00179	40.00	-10.00	0.00203
50.00	-10.00	0.00217	60.00	-10.00	0.00220
70.00	-10.00	0.00215	80.00	-10.00	0.00205
90.00	-10.00	0.00191	100.00	-10.00	0.00175
-100.00	0.00	0.00025	-90.00	0.00	0.00027
-80.00	0.00	0.00030	-70.00	0.00	0.00033
-60.00	0.00	0.00037	-50.00	0.00	0.00042
-40.00	0.00	0.00049	-30.00	0.00	0.00057
-25.00	0.00	0.00062	-20.00	0.00	0.00068
-17.00	0.00	0.00072	-15.00	0.00	0.00075
-13.00	0.00	0.00079	-11.00	0.00	0.00084
-9.00	0.00	0.00089	9.00	0.00	0.00157
11.00	0.00	0.00163	13.00	0.00	0.00169
15.00	0.00	0.00176	17.00	0.00	0.00183
20.00	0.00	0.00193	25.00	0.00	0.00213
30.00	0.00	0.00231	40.00	0.00	0.00257
50.00	0.00	0.00267	60.00	0.00	0.00263
70.00	0.00	0.00249	80.00	0.00	0.00230
90.00	0.00	0.00209	100.00	0.00	0.00188
-100.00	10.00	0.00027	-90.00	10.00	0.00030
-80.00	10.00	0.00033	-70.00	10.00	0.00037
-60.00	10.00	0.00041	-50.00	10.00	0.00047
-40.00	10.00	0.00054	-30.00	10.00	0.00064
-25.00	10.00	0.00070	-20.00	10.00	0.00077
-17.00	10.00	0.00082	-15.00	10.00	0.00086
-13.00	10.00	0.00091	-11.00	10.00	0.00096
-9.00	10.00	0.00103	9.00	10.00	0.00197
11.00	10.00	0.00206	13.00	10.00	0.00216
15.00	10.00	0.00227	17.00	10.00	0.00238

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00256	25.00	10.00	0.00283
30.00	10.00	0.00305	40.00	10.00	0.00328
50.00	10.00	0.00326	60.00	10.00	0.00308
70.00	10.00	0.00282	80.00	10.00	0.00253



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00225	100.00	10.00	0.00199
-100.00	20.00	0.00030	-90.00	20.00	0.00033
-80.00	20.00	0.00037	-70.00	20.00	0.00041
-60.00	20.00	0.00047	-50.00	20.00	0.00053
-40.00	20.00	0.00061	-30.00	20.00	0.00071
-25.00	20.00	0.00078	-20.00	20.00	0.00087
-17.00	20.00	0.00093	-15.00	20.00	0.00098
-13.00	20.00	0.00104	-11.00	20.00	0.00110
-9.00	20.00	0.00118	9.00	20.00	0.00257
11.00	20.00	0.00274	13.00	20.00	0.00292
15.00	20.00	0.00310	17.00	20.00	0.00328
20.00	20.00	0.00353	25.00	20.00	0.00386
30.00	20.00	0.00406	40.00	20.00	0.00412
50.00	20.00	0.00388	60.00	20.00	0.00350
70.00	20.00	0.00310	80.00	20.00	0.00271
90.00	20.00	0.00236	100.00	20.00	0.00205
-100.00	30.00	0.00032	-90.00	30.00	0.00036
-80.00	30.00	0.00040	-70.00	30.00	0.00046
-60.00	30.00	0.00052	-50.00	30.00	0.00060
-40.00	30.00	0.00070	-30.00	30.00	0.00081
-25.00	30.00	0.00089	-20.00	30.00	0.00098
-17.00	30.00	0.00105	-15.00	30.00	0.00110
-13.00	30.00	0.00117	-11.00	30.00	0.00125
-9.00	30.00	0.00135	9.00	30.00	0.00364
11.00	30.00	0.00396	13.00	30.00	0.00426
15.00	30.00	0.00454	17.00	30.00	0.00477
20.00	30.00	0.00503	25.00	30.00	0.00527
30.00	30.00	0.00529	40.00	30.00	0.00496
50.00	30.00	0.00442	60.00	30.00	0.00384
70.00	30.00	0.00330	80.00	30.00	0.00282
90.00	30.00	0.00241	100.00	30.00	0.00206
-100.00	40.00	0.00034	-90.00	40.00	0.00039
-80.00	40.00	0.00044	-70.00	40.00	0.00050
-60.00	40.00	0.00058	-50.00	40.00	0.00067
-40.00	40.00	0.00078	-30.00	40.00	0.00093
-25.00	40.00	0.00101	-20.00	40.00	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

04NCRA PL94-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00120	-15.00	40.00	0.00127
-13.00	40.00	0.00134	-11.00	40.00	0.00144
-9.00	40.00	0.00157	9.00	40.00	0.00599
11.00	40.00	0.00632	13.00	40.00	0.00654
15.00	40.00	0.00668	17.00	40.00	0.00676
20.00	40.00	0.00678	25.00	40.00	0.00663
30.00	40.00	0.00634	40.00	40.00	0.00558
50.00	40.00	0.00478	60.00	40.00	0.00403
70.00	40.00	0.00339	80.00	40.00	0.00285
90.00	40.00	0.00240	100.00	40.00	0.00203
-100.00	50.00	0.00037	-90.00	50.00	0.00043
-80.00	50.00	0.00049	-70.00	50.00	0.00056
-60.00	50.00	0.00066	-50.00	50.00	0.00077
-40.00	50.00	0.00091	-30.00	50.00	0.00110
-25.00	50.00	0.00122	-20.00	50.00	0.00137
-17.00	50.00	0.00148	-15.00	50.00	0.00157
-13.00	50.00	0.00169	-11.00	50.00	0.00185
-9.00	50.00	0.00206	9.00	50.00	0.00783
11.00	50.00	0.00787	13.00	50.00	0.00789
15.00	50.00	0.00788	17.00	50.00	0.00783
20.00	50.00	0.00769	25.00	50.00	0.00734
30.00	50.00	0.00688	40.00	50.00	0.00588
50.00	50.00	0.00491	60.00	50.00	0.00406
70.00	50.00	0.00336	80.00	50.00	0.00278
90.00	50.00	0.00231	100.00	50.00	0.00194
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00055	-70.00	60.00	0.00064
-60.00	60.00	0.00076	-50.00	60.00	0.00090
-40.00	60.00	0.00110	-30.00	60.00	0.00136
-25.00	60.00	0.00153	-20.00	60.00	0.00174
-17.00	60.00	0.00191	-15.00	60.00	0.00204
-13.00	60.00	0.00219	-11.00	60.00	0.00237
-9.00	60.00	0.00260	9.00	60.00	0.00793
11.00	60.00	0.00797	13.00	60.00	0.00800
15.00	60.00	0.00800	17.00	60.00	0.00795
20.00	60.00	0.00782	25.00	60.00	0.00743
30.00	60.00	0.00695	40.00	60.00	0.00586
50.00	60.00	0.00482	60.00	60.00	0.00393
70.00	60.00	0.00321	80.00	60.00	0.00263
90.00	60.00	0.00216	100.00	60.00	0.00180

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00044	-90.00	70.00	0.00052
-80.00	70.00	0.00061	-70.00	70.00	0.00073
-60.00	70.00	0.00087	-50.00	70.00	0.00105
-40.00	70.00	0.00128	-30.00	70.00	0.00160
-25.00	70.00	0.00180	-20.00	70.00	0.00205
-17.00	70.00	0.00222	-15.00	70.00	0.00235
-13.00	70.00	0.00249	-11.00	70.00	0.00264
-9.00	70.00	0.00283	9.00	70.00	0.00785
11.00	70.00	0.00789	13.00	70.00	0.00791
15.00	70.00	0.00790	17.00	70.00	0.00784
20.00	70.00	0.00768	25.00	70.00	0.00727
30.00	70.00	0.00676	40.00	70.00	0.00562
50.00	70.00	0.00456	60.00	70.00	0.00367
70.00	70.00	0.00296	80.00	70.00	0.00239
90.00	70.00	0.00196	100.00	70.00	0.00162
-100.00	80.00	0.00048	-90.00	80.00	0.00057
-80.00	80.00	0.00067	-70.00	80.00	0.00081
-60.00	80.00	0.00097	-50.00	80.00	0.00118
-40.00	80.00	0.00144	-30.00	80.00	0.00178
-25.00	80.00	0.00199	-20.00	80.00	0.00222
-17.00	80.00	0.00238	-15.00	80.00	0.00248
-13.00	80.00	0.00260	-11.00	80.00	0.00273
-9.00	80.00	0.00289	9.00	80.00	0.00767
11.00	80.00	0.00770	13.00	80.00	0.00771
15.00	80.00	0.00768	17.00	80.00	0.00760
20.00	80.00	0.00742	25.00	80.00	0.00696
30.00	80.00	0.00640	40.00	80.00	0.00521
50.00	80.00	0.00414	60.00	80.00	0.00328
70.00	80.00	0.00261	80.00	80.00	0.00210
90.00	80.00	0.00171	100.00	80.00	0.00142
-100.00	90.00	0.00052	-90.00	90.00	0.00061
-80.00	90.00	0.00072	-70.00	90.00	0.00086
-60.00	90.00	0.00104	-50.00	90.00	0.00127
-40.00	90.00	0.00154	-30.00	90.00	0.00188
-25.00	90.00	0.00207	-20.00	90.00	0.00228
-17.00	90.00	0.00241	-15.00	90.00	0.00251

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00261	-11.00	90.00	0.00272
-9.00	90.00	0.00285	9.00	90.00	0.00739
11.00	90.00	0.00739	13.00	90.00	0.00738
15.00	90.00	0.00732	17.00	90.00	0.00722

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00700	25.00	90.00	0.00647
30.00	90.00	0.00585	40.00	90.00	0.00462
50.00	90.00	0.00359	60.00	90.00	0.00280
70.00	90.00	0.00221	80.00	90.00	0.00177
90.00	90.00	0.00145	100.00	90.00	0.00120
-100.00	100.00	0.00054	-90.00	100.00	0.00064
-80.00	100.00	0.00075	-70.00	100.00	0.00090
-60.00	100.00	0.00109	-50.00	100.00	0.00132
-40.00	100.00	0.00160	-30.00	100.00	0.00192
-25.00	100.00	0.00209	-20.00	100.00	0.00227
-17.00	100.00	0.00238	-15.00	100.00	0.00246
-13.00	100.00	0.00254	-11.00	100.00	0.00263
-9.00	100.00	0.00275	9.00	100.00	0.00696
11.00	100.00	0.00693	13.00	100.00	0.00687
15.00	100.00	0.00677	17.00	100.00	0.00663
20.00	100.00	0.00634	25.00	100.00	0.00573
30.00	100.00	0.00507	40.00	100.00	0.00385
50.00	100.00	0.00292	60.00	100.00	0.00226
70.00	100.00	0.00178	80.00	100.00	0.00144
90.00	100.00	0.00118	100.00	100.00	0.00099
-100.00	110.00	0.00056	-90.00	110.00	0.00066
-80.00	110.00	0.00078	-70.00	110.00	0.00092
-60.00	110.00	0.00111	-50.00	110.00	0.00134
-40.00	110.00	0.00161	-30.00	110.00	0.00191
-25.00	110.00	0.00206	-20.00	110.00	0.00221
-17.00	110.00	0.00230	-15.00	110.00	0.00236
-13.00	110.00	0.00242	-11.00	110.00	0.00250
-9.00	110.00	0.00259	9.00	110.00	0.00632
11.00	110.00	0.00620	13.00	110.00	0.00607
15.00	110.00	0.00589	17.00	110.00	0.00567

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00530	25.00	110.00	0.00462
30.00	110.00	0.00398	40.00	110.00	0.00292
50.00	110.00	0.00220	60.00	110.00	0.00171
70.00	110.00	0.00136	80.00	110.00	0.00112
90.00	110.00	0.00093	100.00	110.00	0.00079
-100.00	120.00	0.00058	-90.00	120.00	0.00067
-80.00	120.00	0.00079	-70.00	120.00	0.00093
-60.00	120.00	0.00111	-50.00	120.00	0.00132
-40.00	120.00	0.00157	-30.00	120.00	0.00184
-25.00	120.00	0.00197	-20.00	120.00	0.00211

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00218	-15.00	120.00	0.00223
-13.00	120.00	0.00228	-11.00	120.00	0.00233
-9.00	120.00	0.00240	9.00	120.00	0.00518
11.00	120.00	0.00491	13.00	120.00	0.00464
15.00	120.00	0.00437	17.00	120.00	0.00410
20.00	120.00	0.00371	25.00	120.00	0.00313
30.00	120.00	0.00265	40.00	120.00	0.00196
50.00	120.00	0.00151	60.00	120.00	0.00121
70.00	120.00	0.00099	80.00	120.00	0.00083
90.00	120.00	0.00071	100.00	120.00	0.00062
-100.00	130.00	0.00058	-90.00	130.00	0.00067
-80.00	130.00	0.00078	-70.00	130.00	0.00092
-60.00	130.00	0.00109	-50.00	130.00	0.00128
-40.00	130.00	0.00150	-30.00	130.00	0.00173
-25.00	130.00	0.00184	-20.00	130.00	0.00195
-17.00	130.00	0.00200	-15.00	130.00	0.00204
-13.00	130.00	0.00207	-11.00	130.00	0.00211
-9.00	130.00	0.00215	9.00	130.00	0.00273
11.00	130.00	0.00245	13.00	130.00	0.00226
15.00	130.00	0.00211	17.00	130.00	0.00200
20.00	130.00	0.00185	25.00	130.00	0.00163
30.00	130.00	0.00146	40.00	130.00	0.00118
50.00	130.00	0.00097	60.00	130.00	0.00082
70.00	130.00	0.00070	80.00	130.00	0.00061

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00053	100.00	130.00	0.00047
-100.00	140.00	0.00057	-90.00	140.00	0.00066
-80.00	140.00	0.00076	-70.00	140.00	0.00088
-60.00	140.00	0.00103	-50.00	140.00	0.00119
-40.00	140.00	0.00137	-30.00	140.00	0.00154
-25.00	140.00	0.00161	-20.00	140.00	0.00167
-17.00	140.00	0.00169	-15.00	140.00	0.00168
-13.00	140.00	0.00167	-11.00	140.00	0.00165
-9.00	140.00	0.00160	9.00	140.00	0.00077
11.00	140.00	0.00077	13.00	140.00	0.00077
15.00	140.00	0.00078	17.00	140.00	0.00078
20.00	140.00	0.00078	25.00	140.00	0.00077
30.00	140.00	0.00074	40.00	140.00	0.00068
50.00	140.00	0.00060	60.00	140.00	0.00054
70.00	140.00	0.00048	80.00	140.00	0.00044
90.00	140.00	0.00039	100.00	140.00	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00055	-90.00	150.00	0.00063
-80.00	150.00	0.00072	-70.00	150.00	0.00082
-60.00	150.00	0.00093	-50.00	150.00	0.00105
-40.00	150.00	0.00116	-30.00	150.00	0.00125
-25.00	150.00	0.00126	-20.00	150.00	0.00124
-17.00	150.00	0.00120	-15.00	150.00	0.00116
-13.00	150.00	0.00111	-11.00	150.00	0.00105
-9.00	150.00	0.00097	9.00	150.00	0.00051
11.00	150.00	0.00050	13.00	150.00	0.00049
15.00	150.00	0.00048	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00045
30.00	150.00	0.00044	40.00	150.00	0.00042
50.00	150.00	0.00039	60.00	150.00	0.00037
70.00	150.00	0.00034	80.00	150.00	0.00031
90.00	150.00	0.00029	100.00	150.00	0.00027
-100.00	160.00	0.00052	-90.00	160.00	0.00058
-80.00	160.00	0.00066	-70.00	160.00	0.00073
-60.00	160.00	0.00081	-50.00	160.00	0.00089

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00094	-30.00	160.00	0.00096
-25.00	160.00	0.00093	-20.00	160.00	0.00087
-17.00	160.00	0.00082	-15.00	160.00	0.00077
-13.00	160.00	0.00073	-11.00	160.00	0.00068
-9.00	160.00	0.00063	9.00	160.00	0.00037
11.00	160.00	0.00036	13.00	160.00	0.00036
15.00	160.00	0.00035	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00032	40.00	160.00	0.00030
50.00	160.00	0.00028	60.00	160.00	0.00026
70.00	160.00	0.00025	80.00	160.00	0.00023
90.00	160.00	0.00022	100.00	160.00	0.00021
-100.00	170.00	0.00048	-90.00	170.00	0.00053
-80.00	170.00	0.00059	-70.00	170.00	0.00064
-60.00	170.00	0.00069	-50.00	170.00	0.00073
-40.00	170.00	0.00075	-30.00	170.00	0.00071
-25.00	170.00	0.00067	-20.00	170.00	0.00061
-17.00	170.00	0.00057	-15.00	170.00	0.00054
-13.00	170.00	0.00051	-11.00	170.00	0.00048
-9.00	170.00	0.00045	9.00	170.00	0.00029
11.00	170.00	0.00028	13.00	170.00	0.00028
15.00	170.00	0.00027	17.00	170.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00026	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00023
50.00	170.00	0.00021	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
90.00	170.00	0.00017	100.00	170.00	0.00016
-100.00	180.00	0.00044	-90.00	180.00	0.00048
-80.00	180.00	0.00052	-70.00	180.00	0.00055
-60.00	180.00	0.00058	-50.00	180.00	0.00060
-40.00	180.00	0.00059	-30.00	180.00	0.00053
-25.00	180.00	0.00049	-20.00	180.00	0.00044
-17.00	180.00	0.00041	-15.00	180.00	0.00039
-13.00	180.00	0.00038	-11.00	180.00	0.00036

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-9.00	180.00	0.00034	9.00	180.00	0.00023
11.00	180.00	0.00023	13.00	180.00	0.00022
15.00	180.00	0.00022	17.00	180.00	0.00021
20.00	180.00	0.00021	25.00	180.00	0.00021
30.00	180.00	0.00020	40.00	180.00	0.00019
50.00	180.00	0.00018	60.00	180.00	0.00016
70.00	180.00	0.00015	80.00	180.00	0.00014
90.00	180.00	0.00014	100.00	180.00	0.00013
-100.00	190.00	0.00039	-90.00	190.00	0.00042
-80.00	190.00	0.00045	-70.00	190.00	0.00047
-60.00	190.00	0.00049	-50.00	190.00	0.00049
-40.00	190.00	0.00046	-30.00	190.00	0.00040
-25.00	190.00	0.00037	-20.00	190.00	0.00034
-17.00	190.00	0.00032	-15.00	190.00	0.00030
-13.00	190.00	0.00029	-11.00	190.00	0.00028
-9.00	190.00	0.00027	9.00	190.00	0.00019
11.00	190.00	0.00019	13.00	190.00	0.00018
15.00	190.00	0.00018	17.00	190.00	0.00018
20.00	190.00	0.00017	25.00	190.00	0.00017
30.00	190.00	0.00017	40.00	190.00	0.00016
50.00	190.00	0.00015	60.00	190.00	0.00014
70.00	190.00	0.00013	80.00	190.00	0.00012
90.00	190.00	0.00011	100.00	190.00	0.00011
-100.00	200.00	0.00036	-90.00	200.00	0.00038
-80.00	200.00	0.00039	-70.00	200.00	0.00040
-60.00	200.00	0.00041	-50.00	200.00	0.00039
-40.00	200.00	0.00036	-30.00	200.00	0.00031
-25.00	200.00	0.00029	-20.00	200.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00025	-15.00	200.00	0.00024
-13.00	200.00	0.00023	-11.00	200.00	0.00023
-9.00	200.00	0.00022	9.00	200.00	0.00016
11.00	200.00	0.00016	13.00	200.00	0.00015
15.00	200.00	0.00015	17.00	200.00	0.00015
20.00	200.00	0.00014	25.00	200.00	0.00014



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00014	40.00	200.00	0.00013
50.00	200.00	0.00013	60.00	200.00	0.00012
70.00	200.00	0.00011	80.00	200.00	0.00010
90.00	200.00	0.00010	100.00	200.00	0.00009
-100.00	210.00	0.00032	-90.00	210.00	0.00033
-80.00	210.00	0.00034	-70.00	210.00	0.00034
-60.00	210.00	0.00034	-50.00	210.00	0.00032
-40.00	210.00	0.00029	-30.00	210.00	0.00025
-25.00	210.00	0.00023	-20.00	210.00	0.00021
-17.00	210.00	0.00020	-15.00	210.00	0.00020
-13.00	210.00	0.00019	-11.00	210.00	0.00019
-9.00	210.00	0.00018	9.00	210.00	0.00014
11.00	210.00	0.00013	13.00	210.00	0.00013
15.00	210.00	0.00013	17.00	210.00	0.00013
20.00	210.00	0.00012	25.00	210.00	0.00012
30.00	210.00	0.00012	40.00	210.00	0.00011
50.00	210.00	0.00011	60.00	210.00	0.00011
70.00	210.00	0.00010	80.00	210.00	0.00009
90.00	210.00	0.00009	100.00	210.00	0.00008
-100.00	220.00	0.00028	-90.00	220.00	0.00029
-80.00	220.00	0.00029	-70.00	220.00	0.00029
-60.00	220.00	0.00028	-50.00	220.00	0.00026
-40.00	220.00	0.00023	-30.00	220.00	0.00020
-25.00	220.00	0.00019	-20.00	220.00	0.00018
-17.00	220.00	0.00017	-15.00	220.00	0.00017
-13.00	220.00	0.00016	-11.00	220.00	0.00016
-9.00	220.00	0.00015	9.00	220.00	0.00012
11.00	220.00	0.00012	13.00	220.00	0.00011
15.00	220.00	0.00011	17.00	220.00	0.00011
20.00	220.00	0.00011	25.00	220.00	0.00010
30.00	220.00	0.00010	40.00	220.00	0.00010
50.00	220.00	0.00010	60.00	220.00	0.00009
70.00	220.00	0.00009	80.00	220.00	0.00008
90.00	220.00	0.00008	100.00	220.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

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-100.00	230.00	0.00025	-90.00	230.00	0.00026
-80.00	230.00	0.00025	-70.00	230.00	0.00025
-60.00	230.00	0.00023	-50.00	230.00	0.00022
-40.00	230.00	0.00019	-30.00	230.00	0.00017
-25.00	230.00	0.00016	-20.00	230.00	0.00015
-17.00	230.00	0.00014	-15.00	230.00	0.00014
-13.00	230.00	0.00014	-11.00	230.00	0.00014
-9.00	230.00	0.00013	9.00	230.00	0.00010
11.00	230.00	0.00010	13.00	230.00	0.00010
15.00	230.00	0.00010	17.00	230.00	0.00010
20.00	230.00	0.00009	25.00	230.00	0.00009
30.00	230.00	0.00009	40.00	230.00	0.00008
50.00	230.00	0.00008	60.00	230.00	0.00008
70.00	230.00	0.00008	80.00	230.00	0.00007
90.00	230.00	0.00007	100.00	230.00	0.00007
-100.00	240.00	0.00022	-90.00	240.00	0.00022
-80.00	240.00	0.00022	-70.00	240.00	0.00021
-60.00	240.00	0.00020	-50.00	240.00	0.00018
-40.00	240.00	0.00016	-30.00	240.00	0.00014
-25.00	240.00	0.00013	-20.00	240.00	0.00013
-17.00	240.00	0.00012	-15.00	240.00	0.00012
-13.00	240.00	0.00012	-11.00	240.00	0.00012
-9.00	240.00	0.00011	9.00	240.00	0.00009
11.00	240.00	0.00009	13.00	240.00	0.00009
15.00	240.00	0.00009	17.00	240.00	0.00008
20.00	240.00	0.00008	25.00	240.00	0.00008
30.00	240.00	0.00008	40.00	240.00	0.00007
50.00	240.00	0.00007	60.00	240.00	0.00007
70.00	240.00	0.00007	80.00	240.00	0.00007
90.00	240.00	0.00006	100.00	240.00	0.00006
-100.00	250.00	0.00020	-90.00	250.00	0.00019
-80.00	250.00	0.00019	-70.00	250.00	0.00018
-60.00	250.00	0.00017	-50.00	250.00	0.00015
-40.00	250.00	0.00014	-30.00	250.00	0.00012
-25.00	250.00	0.00012	-20.00	250.00	0.00011
-17.00	250.00	0.00011	-15.00	250.00	0.00011
-13.00	250.00	0.00010	-11.00	250.00	0.00010
-9.00	250.00	0.00010	9.00	250.00	0.00008
11.00	250.00	0.00008	13.00	250.00	0.00008
15.00	250.00	0.00008	17.00	250.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00007	25.00	250.00	0.00007	
30.00	250.00	0.00007	40.00	250.00	0.00007	
50.00	250.00	0.00006	60.00	250.00	0.00006	
70.00	250.00	0.00006	80.00	250.00	0.00006	
90.00	250.00	0.00006	100.00	250.00	0.00005	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00009	-90.00	-250.00	0.00009	
-80.00	-250.00	0.00010	-70.00	-250.00	0.00010	
-60.00	-250.00	0.00011	-50.00	-250.00	0.00011	
-40.00	-250.00	0.00012	-30.00	-250.00	0.00014	
-25.00	-250.00	0.00015	-20.00	-250.00	0.00015	
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016	
-13.00	-250.00	0.00017	-11.00	-250.00	0.00017	
-9.00	-250.00	0.00018	9.00	-250.00	0.00021	
11.00	-250.00	0.00022	13.00	-250.00	0.00022	
15.00	-250.00	0.00022	17.00	-250.00	0.00023	
20.00	-250.00	0.00023	25.00	-250.00	0.00024	
30.00	-250.00	0.00025	40.00	-250.00	0.00026	
50.00	-250.00	0.00027	60.00	-250.00	0.00028	
70.00	-250.00	0.00029	80.00	-250.00	0.00031	
90.00	-250.00	0.00032	100.00	-250.00	0.00034	
-100.00	-240.00	0.00009	-90.00	-240.00	0.00010	
-80.00	-240.00	0.00010	-70.00	-240.00	0.00011	
-60.00	-240.00	0.00011	-50.00	-240.00	0.00012	
-40.00	-240.00	0.00013	-30.00	-240.00	0.00015	
-25.00	-240.00	0.00016	-20.00	-240.00	0.00017	
-17.00	-240.00	0.00017	-15.00	-240.00	0.00018	
-13.00	-240.00	0.00018	-11.00	-240.00	0.00018	
-9.00	-240.00	0.00019	9.00	-240.00	0.00023	

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11.00	-240.00	0.00023	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00025
20.00	-240.00	0.00025	25.00	-240.00	0.00026
30.00	-240.00	0.00027	40.00	-240.00	0.00028
50.00	-240.00	0.00029	60.00	-240.00	0.00030
70.00	-240.00	0.00032	80.00	-240.00	0.00034
90.00	-240.00	0.00036	100.00	-240.00	0.00038
-100.00	-230.00	0.00010	-90.00	-230.00	0.00010
-80.00	-230.00	0.00011	-70.00	-230.00	0.00012
-60.00	-230.00	0.00012	-50.00	-230.00	0.00013
-40.00	-230.00	0.00014	-30.00	-230.00	0.00016
-25.00	-230.00	0.00017	-20.00	-230.00	0.00018
-17.00	-230.00	0.00018	-15.00	-230.00	0.00019
-13.00	-230.00	0.00019	-11.00	-230.00	0.00020
-9.00	-230.00	0.00020	9.00	-230.00	0.00025
11.00	-230.00	0.00025	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00027	25.00	-230.00	0.00028
30.00	-230.00	0.00029	40.00	-230.00	0.00030
50.00	-230.00	0.00032	60.00	-230.00	0.00033
70.00	-230.00	0.00035	80.00	-230.00	0.00037
90.00	-230.00	0.00040	100.00	-230.00	0.00041
-100.00	-220.00	0.00010	-90.00	-220.00	0.00011
-80.00	-220.00	0.00012	-70.00	-220.00	0.00012
-60.00	-220.00	0.00013	-50.00	-220.00	0.00014
-40.00	-220.00	0.00015	-30.00	-220.00	0.00017
-25.00	-220.00	0.00018	-20.00	-220.00	0.00019
-17.00	-220.00	0.00020	-15.00	-220.00	0.00020
-13.00	-220.00	0.00021	-11.00	-220.00	0.00021
-9.00	-220.00	0.00022	9.00	-220.00	0.00027
11.00	-220.00	0.00028	13.00	-220.00	0.00028
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00030	25.00	-220.00	0.00031
30.00	-220.00	0.00032	40.00	-220.00	0.00033

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00035	60.00	-220.00	0.00037
70.00	-220.00	0.00039	80.00	-220.00	0.00042
90.00	-220.00	0.00044	100.00	-220.00	0.00046
-100.00	-210.00	0.00011	-90.00	-210.00	0.00012
-80.00	-210.00	0.00013	-70.00	-210.00	0.00013
-60.00	-210.00	0.00014	-50.00	-210.00	0.00015
-40.00	-210.00	0.00016	-30.00	-210.00	0.00018
-25.00	-210.00	0.00019	-20.00	-210.00	0.00020
-17.00	-210.00	0.00021	-15.00	-210.00	0.00022
-13.00	-210.00	0.00023	-11.00	-210.00	0.00023
-9.00	-210.00	0.00024	9.00	-210.00	0.00030
11.00	-210.00	0.00030	13.00	-210.00	0.00031
15.00	-210.00	0.00032	17.00	-210.00	0.00032
20.00	-210.00	0.00033	25.00	-210.00	0.00034
30.00	-210.00	0.00035	40.00	-210.00	0.00037
50.00	-210.00	0.00039	60.00	-210.00	0.00041
70.00	-210.00	0.00044	80.00	-210.00	0.00046
90.00	-210.00	0.00049	100.00	-210.00	0.00051
-100.00	-200.00	0.00011	-90.00	-200.00	0.00012
-80.00	-200.00	0.00013	-70.00	-200.00	0.00014
-60.00	-200.00	0.00015	-50.00	-200.00	0.00016
-40.00	-200.00	0.00017	-30.00	-200.00	0.00019
-25.00	-200.00	0.00021	-20.00	-200.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00023	-15.00	-200.00	0.00024
-13.00	-200.00	0.00024	-11.00	-200.00	0.00025
-9.00	-200.00	0.00026	9.00	-200.00	0.00033
11.00	-200.00	0.00034	13.00	-200.00	0.00034
15.00	-200.00	0.00035	17.00	-200.00	0.00035
20.00	-200.00	0.00036	25.00	-200.00	0.00037
30.00	-200.00	0.00039	40.00	-200.00	0.00041
50.00	-200.00	0.00043	60.00	-200.00	0.00046
70.00	-200.00	0.00049	80.00	-200.00	0.00052
90.00	-200.00	0.00055	100.00	-200.00	0.00057
-100.00	-190.00	0.00012	-90.00	-190.00	0.00013

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00014	-70.00	-190.00	0.00015
-60.00	-190.00	0.00016	-50.00	-190.00	0.00017
-40.00	-190.00	0.00019	-30.00	-190.00	0.00021
-25.00	-190.00	0.00022	-20.00	-190.00	0.00024
-17.00	-190.00	0.00025	-15.00	-190.00	0.00026
-13.00	-190.00	0.00027	-11.00	-190.00	0.00027
-9.00	-190.00	0.00028	9.00	-190.00	0.00036
11.00	-190.00	0.00037	13.00	-190.00	0.00038
15.00	-190.00	0.00039	17.00	-190.00	0.00039
20.00	-190.00	0.00040	25.00	-190.00	0.00042
30.00	-190.00	0.00043	40.00	-190.00	0.00045
50.00	-190.00	0.00048	60.00	-190.00	0.00052
70.00	-190.00	0.00055	80.00	-190.00	0.00059
90.00	-190.00	0.00062	100.00	-190.00	0.00064
-100.00	-180.00	0.00013	-90.00	-180.00	0.00014
-80.00	-180.00	0.00015	-70.00	-180.00	0.00016
-60.00	-180.00	0.00018	-50.00	-180.00	0.00019
-40.00	-180.00	0.00020	-30.00	-180.00	0.00023
-25.00	-180.00	0.00024	-20.00	-180.00	0.00026
-17.00	-180.00	0.00027	-15.00	-180.00	0.00028
-13.00	-180.00	0.00029	-11.00	-180.00	0.00030
-9.00	-180.00	0.00031	9.00	-180.00	0.00040
11.00	-180.00	0.00041	13.00	-180.00	0.00042
15.00	-180.00	0.00043	17.00	-180.00	0.00044
20.00	-180.00	0.00045	25.00	-180.00	0.00046
30.00	-180.00	0.00048	40.00	-180.00	0.00051
50.00	-180.00	0.00055	60.00	-180.00	0.00059
70.00	-180.00	0.00063	80.00	-180.00	0.00067
90.00	-180.00	0.00070	100.00	-180.00	0.00072

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTS:

PAGE 66

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00013	-90.00	-170.00	0.00015
-80.00	-170.00	0.00016	-70.00	-170.00	0.00018
-60.00	-170.00	0.00019	-50.00	-170.00	0.00020
-40.00	-170.00	0.00022	-30.00	-170.00	0.00024
-25.00	-170.00	0.00026	-20.00	-170.00	0.00028

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00030	-15.00	-170.00	0.00031
-13.00	-170.00	0.00032	-11.00	-170.00	0.00033
-9.00	-170.00	0.00034	9.00	-170.00	0.00045
11.00	-170.00	0.00046	13.00	-170.00	0.00047
15.00	-170.00	0.00048	17.00	-170.00	0.00049
20.00	-170.00	0.00050	25.00	-170.00	0.00052
30.00	-170.00	0.00054	40.00	-170.00	0.00058
50.00	-170.00	0.00062	60.00	-170.00	0.00068
70.00	-170.00	0.00072	80.00	-170.00	0.00077
90.00	-170.00	0.00080	100.00	-170.00	0.00081
-100.00	-160.00	0.00014	-90.00	-160.00	0.00016
-80.00	-160.00	0.00017	-70.00	-160.00	0.00019
-60.00	-160.00	0.00021	-50.00	-160.00	0.00022
-40.00	-160.00	0.00024	-30.00	-160.00	0.00027
-25.00	-160.00	0.00029	-20.00	-160.00	0.00031
-17.00	-160.00	0.00033	-15.00	-160.00	0.00034
-13.00	-160.00	0.00035	-11.00	-160.00	0.00036
-9.00	-160.00	0.00038	9.00	-160.00	0.00051
11.00	-160.00	0.00052	13.00	-160.00	0.00053
15.00	-160.00	0.00055	17.00	-160.00	0.00056
20.00	-160.00	0.00057	25.00	-160.00	0.00059
30.00	-160.00	0.00061	40.00	-160.00	0.00066
50.00	-160.00	0.00072	60.00	-160.00	0.00078
70.00	-160.00	0.00084	80.00	-160.00	0.00088
90.00	-160.00	0.00091	100.00	-160.00	0.00092
-100.00	-150.00	0.00015	-90.00	-150.00	0.00016
-80.00	-150.00	0.00018	-70.00	-150.00	0.00020
-60.00	-150.00	0.00022	-50.00	-150.00	0.00024
-40.00	-150.00	0.00027	-30.00	-150.00	0.00029
-25.00	-150.00	0.00031	-20.00	-150.00	0.00034
-17.00	-150.00	0.00036	-15.00	-150.00	0.00037
-13.00	-150.00	0.00039	-11.00	-150.00	0.00040
-9.00	-150.00	0.00042	9.00	-150.00	0.00058
11.00	-150.00	0.00059	13.00	-150.00	0.00061
15.00	-150.00	0.00062	17.00	-150.00	0.00063

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:11:25  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00065	25.00	-150.00	0.00068
30.00	-150.00	0.00070	40.00	-150.00	0.00077
50.00	-150.00	0.00084	60.00	-150.00	0.00091
70.00	-150.00	0.00097	80.00	-150.00	0.00101
90.00	-150.00	0.00103	100.00	-150.00	0.00103
-100.00	-140.00	0.00016	-90.00	-140.00	0.00018
-80.00	-140.00	0.00019	-70.00	-140.00	0.00022
-60.00	-140.00	0.00024	-50.00	-140.00	0.00027
-40.00	-140.00	0.00029	-30.00	-140.00	0.00033
-25.00	-140.00	0.00035	-20.00	-140.00	0.00038
-17.00	-140.00	0.00040	-15.00	-140.00	0.00041
-13.00	-140.00	0.00043	-11.00	-140.00	0.00045
-9.00	-140.00	0.00047	9.00	-140.00	0.00066
11.00	-140.00	0.00068	13.00	-140.00	0.00070
15.00	-140.00	0.00071	17.00	-140.00	0.00073
20.00	-140.00	0.00075	25.00	-140.00	0.00078
30.00	-140.00	0.00082	40.00	-140.00	0.00090
50.00	-140.00	0.00099	60.00	-140.00	0.00108
70.00	-140.00	0.00114	80.00	-140.00	0.00117
90.00	-140.00	0.00118	100.00	-140.00	0.00116
-100.00	-130.00	0.00017	-90.00	-130.00	0.00019
-80.00	-130.00	0.00021	-70.00	-130.00	0.00023
-60.00	-130.00	0.00026	-50.00	-130.00	0.00029
-40.00	-130.00	0.00032	-30.00	-130.00	0.00036
-25.00	-130.00	0.00039	-20.00	-130.00	0.00042
-17.00	-130.00	0.00044	-15.00	-130.00	0.00046
-13.00	-130.00	0.00048	-11.00	-130.00	0.00050
-9.00	-130.00	0.00053	9.00	-130.00	0.00077
11.00	-130.00	0.00079	13.00	-130.00	0.00081
15.00	-130.00	0.00083	17.00	-130.00	0.00085
20.00	-130.00	0.00087	25.00	-130.00	0.00092
30.00	-130.00	0.00096	40.00	-130.00	0.00108
50.00	-130.00	0.00119	60.00	-130.00	0.00128
70.00	-130.00	0.00134	80.00	-130.00	0.00135
90.00	-130.00	0.00134	100.00	-130.00	0.00130
-100.00	-120.00	0.00019	-90.00	-120.00	0.00020
-80.00	-120.00	0.00022	-70.00	-120.00	0.00025
-60.00	-120.00	0.00028	-50.00	-120.00	0.00032
-40.00	-120.00	0.00036	-30.00	-120.00	0.00040
-25.00	-120.00	0.00043	-20.00	-120.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00050	-15.00	-120.00	0.00052
-13.00	-120.00	0.00054	-11.00	-120.00	0.00057
-9.00	-120.00	0.00060	9.00	-120.00	0.00090
11.00	-120.00	0.00093	13.00	-120.00	0.00095
15.00	-120.00	0.00097	17.00	-120.00	0.00100
20.00	-120.00	0.00103	25.00	-120.00	0.00109
30.00	-120.00	0.00116	40.00	-120.00	0.00131
50.00	-120.00	0.00144	60.00	-120.00	0.00153
70.00	-120.00	0.00157	80.00	-120.00	0.00156
90.00	-120.00	0.00152	100.00	-120.00	0.00145
-100.00	-110.00	0.00020	-90.00	-110.00	0.00022
-80.00	-110.00	0.00024	-70.00	-110.00	0.00027
-60.00	-110.00	0.00031	-50.00	-110.00	0.00035
-40.00	-110.00	0.00040	-30.00	-110.00	0.00045
-25.00	-110.00	0.00049	-20.00	-110.00	0.00053
-17.00	-110.00	0.00056	-15.00	-110.00	0.00058
-13.00	-110.00	0.00061	-11.00	-110.00	0.00064
-9.00	-110.00	0.00068	9.00	-110.00	0.00107
11.00	-110.00	0.00110	13.00	-110.00	0.00113
15.00	-110.00	0.00116	17.00	-110.00	0.00119
20.00	-110.00	0.00124	25.00	-110.00	0.00133
30.00	-110.00	0.00142	40.00	-110.00	0.00161
50.00	-110.00	0.00176	60.00	-110.00	0.00184
70.00	-110.00	0.00184	80.00	-110.00	0.00180
90.00	-110.00	0.00171	100.00	-110.00	0.00160
-100.00	-100.00	0.00023	-90.00	-100.00	0.00025
-80.00	-100.00	0.00027	-70.00	-100.00	0.00030
-60.00	-100.00	0.00033	-50.00	-100.00	0.00038
-40.00	-100.00	0.00044	-30.00	-100.00	0.00051
-25.00	-100.00	0.00055	-20.00	-100.00	0.00060
-17.00	-100.00	0.00063	-15.00	-100.00	0.00066
-13.00	-100.00	0.00069	-11.00	-100.00	0.00073
-9.00	-100.00	0.00078	9.00	-100.00	0.00128
11.00	-100.00	0.00133	13.00	-100.00	0.00137
15.00	-100.00	0.00141	17.00	-100.00	0.00146
20.00	-100.00	0.00152	25.00	-100.00	0.00165
30.00	-100.00	0.00179	40.00	-100.00	0.00203

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00217	60.00	-100.00	0.00220
70.00	-100.00	0.00215	80.00	-100.00	0.00205
90.00	-100.00	0.00191	100.00	-100.00	0.00175

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 69

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00025	-90.00	-90.00	0.00027
-80.00	-90.00	0.00030	-70.00	-90.00	0.00033
-60.00	-90.00	0.00037	-50.00	-90.00	0.00042
-40.00	-90.00	0.00049	-30.00	-90.00	0.00057
-25.00	-90.00	0.00062	-20.00	-90.00	0.00068
-17.00	-90.00	0.00072	-15.00	-90.00	0.00075
-13.00	-90.00	0.00079	-11.00	-90.00	0.00084
-9.00	-90.00	0.00089	9.00	-90.00	0.00157
11.00	-90.00	0.00163	13.00	-90.00	0.00169
15.00	-90.00	0.00176	17.00	-90.00	0.00183
20.00	-90.00	0.00193	25.00	-90.00	0.00213
30.00	-90.00	0.00231	40.00	-90.00	0.00257
50.00	-90.00	0.00267	60.00	-90.00	0.00263
70.00	-90.00	0.00249	80.00	-90.00	0.00230
90.00	-90.00	0.00209	100.00	-90.00	0.00188
-100.00	-80.00	0.00027	-90.00	-80.00	0.00030
-80.00	-80.00	0.00033	-70.00	-80.00	0.00037
-60.00	-80.00	0.00041	-50.00	-80.00	0.00047
-40.00	-80.00	0.00054	-30.00	-80.00	0.00064
-25.00	-80.00	0.00070	-20.00	-80.00	0.00077
-17.00	-80.00	0.00082	-15.00	-80.00	0.00086
-13.00	-80.00	0.00091	-11.00	-80.00	0.00096
-9.00	-80.00	0.00103	9.00	-80.00	0.00197
11.00	-80.00	0.00206	13.00	-80.00	0.00216
15.00	-80.00	0.00227	17.00	-80.00	0.00238
20.00	-80.00	0.00256	25.00	-80.00	0.00283
30.00	-80.00	0.00305	40.00	-80.00	0.00328
50.00	-80.00	0.00326	60.00	-80.00	0.00308
70.00	-80.00	0.00282	80.00	-80.00	0.00253
90.00	-80.00	0.00225	100.00	-80.00	0.00199
-100.00	-70.00	0.00030	-90.00	-70.00	0.00033

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00037	-70.00	-70.00	0.00041
-60.00	-70.00	0.00047	-50.00	-70.00	0.00053
-40.00	-70.00	0.00061	-30.00	-70.00	0.00071
-25.00	-70.00	0.00078	-20.00	-70.00	0.00087
-17.00	-70.00	0.00093	-15.00	-70.00	0.00098
-13.00	-70.00	0.00104	-11.00	-70.00	0.00110
-9.00	-70.00	0.00118	9.00	-70.00	0.00257
11.00	-70.00	0.00274	13.00	-70.00	0.00292
15.00	-70.00	0.00310	17.00	-70.00	0.00328

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00353	25.00	-70.00	0.00386
30.00	-70.00	0.00406	40.00	-70.00	0.00412
50.00	-70.00	0.00388	60.00	-70.00	0.00350
70.00	-70.00	0.00310	80.00	-70.00	0.00271
90.00	-70.00	0.00236	100.00	-70.00	0.00205
-100.00	-60.00	0.00032	-90.00	-60.00	0.00036
-80.00	-60.00	0.00040	-70.00	-60.00	0.00046
-60.00	-60.00	0.00052	-50.00	-60.00	0.00060
-40.00	-60.00	0.00070	-30.00	-60.00	0.00081
-25.00	-60.00	0.00089	-20.00	-60.00	0.00098
-17.00	-60.00	0.00105	-15.00	-60.00	0.00110
-13.00	-60.00	0.00117	-11.00	-60.00	0.00125
-9.00	-60.00	0.00135	9.00	-60.00	0.00364
11.00	-60.00	0.00396	13.00	-60.00	0.00426
15.00	-60.00	0.00454	17.00	-60.00	0.00477
20.00	-60.00	0.00503	25.00	-60.00	0.00527
30.00	-60.00	0.00529	40.00	-60.00	0.00496
50.00	-60.00	0.00442	60.00	-60.00	0.00384
70.00	-60.00	0.00330	80.00	-60.00	0.00282
90.00	-60.00	0.00241	100.00	-60.00	0.00206
-100.00	-50.00	0.00034	-90.00	-50.00	0.00039
-80.00	-50.00	0.00044	-70.00	-50.00	0.00050
-60.00	-50.00	0.00058	-50.00	-50.00	0.00067
-40.00	-50.00	0.00078	-30.00	-50.00	0.00093
-25.00	-50.00	0.00101	-20.00	-50.00	0.00112

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00120	-15.00	-50.00	0.00127
-13.00	-50.00	0.00134	-11.00	-50.00	0.00144
-9.00	-50.00	0.00157	9.00	-50.00	0.00599
11.00	-50.00	0.00632	13.00	-50.00	0.00654
15.00	-50.00	0.00668	17.00	-50.00	0.00676
20.00	-50.00	0.00678	25.00	-50.00	0.00663
30.00	-50.00	0.00634	40.00	-50.00	0.00558
50.00	-50.00	0.00478	60.00	-50.00	0.00403
70.00	-50.00	0.00339	80.00	-50.00	0.00285
90.00	-50.00	0.00240	100.00	-50.00	0.00203
-100.00	-40.00	0.00037	-90.00	-40.00	0.00043
-80.00	-40.00	0.00049	-70.00	-40.00	0.00056
-60.00	-40.00	0.00066	-50.00	-40.00	0.00077
-40.00	-40.00	0.00091	-30.00	-40.00	0.00110
-25.00	-40.00	0.00122	-20.00	-40.00	0.00137

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00148	-15.00	-40.00	0.00157
-13.00	-40.00	0.00169	-11.00	-40.00	0.00185
-9.00	-40.00	0.00206	9.00	-40.00	0.00783
11.00	-40.00	0.00787	13.00	-40.00	0.00789
15.00	-40.00	0.00788	17.00	-40.00	0.00783
20.00	-40.00	0.00769	25.00	-40.00	0.00734
30.00	-40.00	0.00688	40.00	-40.00	0.00588
50.00	-40.00	0.00491	60.00	-40.00	0.00406
70.00	-40.00	0.00336	80.00	-40.00	0.00278
90.00	-40.00	0.00231	100.00	-40.00	0.00194
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00055	-70.00	-30.00	0.00064
-60.00	-30.00	0.00076	-50.00	-30.00	0.00090
-40.00	-30.00	0.00110	-30.00	-30.00	0.00136
-25.00	-30.00	0.00153	-20.00	-30.00	0.00174
-17.00	-30.00	0.00191	-15.00	-30.00	0.00204
-13.00	-30.00	0.00219	-11.00	-30.00	0.00237
-9.00	-30.00	0.00260	9.00	-30.00	0.00793
11.00	-30.00	0.00797	13.00	-30.00	0.00800

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00800	17.00	-30.00	0.00795
20.00	-30.00	0.00782	25.00	-30.00	0.00743
30.00	-30.00	0.00695	40.00	-30.00	0.00586
50.00	-30.00	0.00482	60.00	-30.00	0.00393
70.00	-30.00	0.00321	80.00	-30.00	0.00263
90.00	-30.00	0.00216	100.00	-30.00	0.00180
-100.00	-20.00	0.00044	-90.00	-20.00	0.00052
-80.00	-20.00	0.00061	-70.00	-20.00	0.00073
-60.00	-20.00	0.00087	-50.00	-20.00	0.00105
-40.00	-20.00	0.00128	-30.00	-20.00	0.00160
-25.00	-20.00	0.00180	-20.00	-20.00	0.00205
-17.00	-20.00	0.00222	-15.00	-20.00	0.00235
-13.00	-20.00	0.00249	-11.00	-20.00	0.00264
-9.00	-20.00	0.00283	9.00	-20.00	0.00785
11.00	-20.00	0.00789	13.00	-20.00	0.00791
15.00	-20.00	0.00790	17.00	-20.00	0.00784
20.00	-20.00	0.00768	25.00	-20.00	0.00727
30.00	-20.00	0.00676	40.00	-20.00	0.00562
50.00	-20.00	0.00456	60.00	-20.00	0.00367
70.00	-20.00	0.00296	80.00	-20.00	0.00239
90.00	-20.00	0.00196	100.00	-20.00	0.00162

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00048	-90.00	-10.00	0.00057
-80.00	-10.00	0.00067	-70.00	-10.00	0.00081
-60.00	-10.00	0.00097	-50.00	-10.00	0.00118
-40.00	-10.00	0.00144	-30.00	-10.00	0.00178
-25.00	-10.00	0.00199	-20.00	-10.00	0.00222
-17.00	-10.00	0.00238	-15.00	-10.00	0.00248
-13.00	-10.00	0.00260	-11.00	-10.00	0.00273
-9.00	-10.00	0.00289	9.00	-10.00	0.00767
11.00	-10.00	0.00770	13.00	-10.00	0.00771
15.00	-10.00	0.00768	17.00	-10.00	0.00760
20.00	-10.00	0.00742	25.00	-10.00	0.00696
30.00	-10.00	0.00640	40.00	-10.00	0.00521
50.00	-10.00	0.00414	60.00	-10.00	0.00328

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70.00	-10.00	0.00261	80.00	-10.00	0.00210
90.00	-10.00	0.00171	100.00	-10.00	0.00142
-100.00	0.00	0.00052	-90.00	0.00	0.00061
-80.00	0.00	0.00072	-70.00	0.00	0.00086
-60.00	0.00	0.00104	-50.00	0.00	0.00127
-40.00	0.00	0.00154	-30.00	0.00	0.00188
-25.00	0.00	0.00207	-20.00	0.00	0.00228
-17.00	0.00	0.00241	-15.00	0.00	0.00251
-13.00	0.00	0.00261	-11.00	0.00	0.00272
-9.00	0.00	0.00285	9.00	0.00	0.00739
11.00	0.00	0.00739	13.00	0.00	0.00738
15.00	0.00	0.00732	17.00	0.00	0.00722
20.00	0.00	0.00700	25.00	0.00	0.00647
30.00	0.00	0.00585	40.00	0.00	0.00462
50.00	0.00	0.00359	60.00	0.00	0.00280
70.00	0.00	0.00221	80.00	0.00	0.00177
90.00	0.00	0.00145	100.00	0.00	0.00120
-100.00	10.00	0.00054	-90.00	10.00	0.00064
-80.00	10.00	0.00075	-70.00	10.00	0.00090
-60.00	10.00	0.00109	-50.00	10.00	0.00132
-40.00	10.00	0.00160	-30.00	10.00	0.00192
-25.00	10.00	0.00209	-20.00	10.00	0.00227
-17.00	10.00	0.00238	-15.00	10.00	0.00246
-13.00	10.00	0.00254	-11.00	10.00	0.00263
-9.00	10.00	0.00275	9.00	10.00	0.00696
11.00	10.00	0.00693	13.00	10.00	0.00687
15.00	10.00	0.00677	17.00	10.00	0.00663

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 73

CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00634	25.00	10.00	0.00573
30.00	10.00	0.00507	40.00	10.00	0.00385
50.00	10.00	0.00292	60.00	10.00	0.00226
70.00	10.00	0.00178	80.00	10.00	0.00144
90.00	10.00	0.00118	100.00	10.00	0.00099
-100.00	20.00	0.00056	-90.00	20.00	0.00066
-80.00	20.00	0.00078	-70.00	20.00	0.00092

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00111	-50.00	20.00	0.00134
-40.00	20.00	0.00161	-30.00	20.00	0.00191
-25.00	20.00	0.00206	-20.00	20.00	0.00221
-17.00	20.00	0.00230	-15.00	20.00	0.00236
-13.00	20.00	0.00242	-11.00	20.00	0.00250
-9.00	20.00	0.00259	9.00	20.00	0.00632
11.00	20.00	0.00620	13.00	20.00	0.00607
15.00	20.00	0.00589	17.00	20.00	0.00567
20.00	20.00	0.00530	25.00	20.00	0.00462
30.00	20.00	0.00398	40.00	20.00	0.00292
50.00	20.00	0.00220	60.00	20.00	0.00171
70.00	20.00	0.00136	80.00	20.00	0.00112
90.00	20.00	0.00093	100.00	20.00	0.00079
-100.00	30.00	0.00058	-90.00	30.00	0.00067
-80.00	30.00	0.00079	-70.00	30.00	0.00093
-60.00	30.00	0.00111	-50.00	30.00	0.00132
-40.00	30.00	0.00157	-30.00	30.00	0.00184
-25.00	30.00	0.00197	-20.00	30.00	0.00211
-17.00	30.00	0.00218	-15.00	30.00	0.00223
-13.00	30.00	0.00228	-11.00	30.00	0.00233
-9.00	30.00	0.00240	9.00	30.00	0.00518
11.00	30.00	0.00491	13.00	30.00	0.00464
15.00	30.00	0.00437	17.00	30.00	0.00410
20.00	30.00	0.00371	25.00	30.00	0.00313
30.00	30.00	0.00265	40.00	30.00	0.00196
50.00	30.00	0.00151	60.00	30.00	0.00121
70.00	30.00	0.00099	80.00	30.00	0.00083
90.00	30.00	0.00071	100.00	30.00	0.00062
-100.00	40.00	0.00058	-90.00	40.00	0.00067
-80.00	40.00	0.00078	-70.00	40.00	0.00092
-60.00	40.00	0.00109	-50.00	40.00	0.00128
-40.00	40.00	0.00150	-30.00	40.00	0.00173
-25.00	40.00	0.00184	-20.00	40.00	0.00195

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00200	-15.00	40.00	0.00204

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00207	-11.00	40.00	0.00211
-9.00	40.00	0.00215	9.00	40.00	0.00273
11.00	40.00	0.00245	13.00	40.00	0.00226
15.00	40.00	0.00211	17.00	40.00	0.00200
20.00	40.00	0.00185	25.00	40.00	0.00163
30.00	40.00	0.00146	40.00	40.00	0.00118
50.00	40.00	0.00097	60.00	40.00	0.00082
70.00	40.00	0.00070	80.00	40.00	0.00061
90.00	40.00	0.00053	100.00	40.00	0.00047
-100.00	50.00	0.00057	-90.00	50.00	0.00066
-80.00	50.00	0.00076	-70.00	50.00	0.00088
-60.00	50.00	0.00103	-50.00	50.00	0.00119
-40.00	50.00	0.00137	-30.00	50.00	0.00154
-25.00	50.00	0.00161	-20.00	50.00	0.00167
-17.00	50.00	0.00169	-15.00	50.00	0.00168
-13.00	50.00	0.00167	-11.00	50.00	0.00165
-9.00	50.00	0.00160	9.00	50.00	0.00077
11.00	50.00	0.00077	13.00	50.00	0.00077
15.00	50.00	0.00078	17.00	50.00	0.00078
20.00	50.00	0.00078	25.00	50.00	0.00077
30.00	50.00	0.00074	40.00	50.00	0.00068
50.00	50.00	0.00060	60.00	50.00	0.00054
70.00	50.00	0.00048	80.00	50.00	0.00044
90.00	50.00	0.00039	100.00	50.00	0.00036
-100.00	60.00	0.00055	-90.00	60.00	0.00063
-80.00	60.00	0.00072	-70.00	60.00	0.00082
-60.00	60.00	0.00093	-50.00	60.00	0.00105
-40.00	60.00	0.00116	-30.00	60.00	0.00125
-25.00	60.00	0.00126	-20.00	60.00	0.00124
-17.00	60.00	0.00120	-15.00	60.00	0.00116
-13.00	60.00	0.00111	-11.00	60.00	0.00105
-9.00	60.00	0.00097	9.00	60.00	0.00051
11.00	60.00	0.00050	13.00	60.00	0.00049
15.00	60.00	0.00048	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00045
30.00	60.00	0.00044	40.00	60.00	0.00042
50.00	60.00	0.00039	60.00	60.00	0.00037
70.00	60.00	0.00034	80.00	60.00	0.00031
90.00	60.00	0.00029	100.00	60.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00052	-90.00	70.00	0.00058
-80.00	70.00	0.00066	-70.00	70.00	0.00073
-60.00	70.00	0.00081	-50.00	70.00	0.00089
-40.00	70.00	0.00094	-30.00	70.00	0.00096
-25.00	70.00	0.00093	-20.00	70.00	0.00087
-17.00	70.00	0.00082	-15.00	70.00	0.00077
-13.00	70.00	0.00073	-11.00	70.00	0.00068
-9.00	70.00	0.00063	9.00	70.00	0.00037
11.00	70.00	0.00036	13.00	70.00	0.00036
15.00	70.00	0.00035	17.00	70.00	0.00035
20.00	70.00	0.00034	25.00	70.00	0.00033
30.00	70.00	0.00032	40.00	70.00	0.00030
50.00	70.00	0.00028	60.00	70.00	0.00026
70.00	70.00	0.00025	80.00	70.00	0.00023
90.00	70.00	0.00022	100.00	70.00	0.00021
-100.00	80.00	0.00048	-90.00	80.00	0.00053
-80.00	80.00	0.00059	-70.00	80.00	0.00064
-60.00	80.00	0.00069	-50.00	80.00	0.00073
-40.00	80.00	0.00075	-30.00	80.00	0.00071
-25.00	80.00	0.00067	-20.00	80.00	0.00061
-17.00	80.00	0.00057	-15.00	80.00	0.00054
-13.00	80.00	0.00051	-11.00	80.00	0.00048
-9.00	80.00	0.00045	9.00	80.00	0.00029
11.00	80.00	0.00028	13.00	80.00	0.00028
15.00	80.00	0.00027	17.00	80.00	0.00027
20.00	80.00	0.00026	25.00	80.00	0.00026
30.00	80.00	0.00025	40.00	80.00	0.00023
50.00	80.00	0.00021	60.00	80.00	0.00020
70.00	80.00	0.00019	80.00	80.00	0.00018
90.00	80.00	0.00017	100.00	80.00	0.00016
-100.00	90.00	0.00044	-90.00	90.00	0.00048
-80.00	90.00	0.00052	-70.00	90.00	0.00055
-60.00	90.00	0.00058	-50.00	90.00	0.00060
-40.00	90.00	0.00059	-30.00	90.00	0.00053
-25.00	90.00	0.00049	-20.00	90.00	0.00044
-17.00	90.00	0.00041	-15.00	90.00	0.00039
-13.00	90.00	0.00038	-11.00	90.00	0.00036
-9.00	90.00	0.00034	9.00	90.00	0.00023
11.00	90.00	0.00023	13.00	90.00	0.00022

15.00 90.00 0.00022 17.00 90.00 0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00021	25.00	90.00	0.00021
30.00	90.00	0.00020	40.00	90.00	0.00019
50.00	90.00	0.00018	60.00	90.00	0.00016
70.00	90.00	0.00015	80.00	90.00	0.00014
90.00	90.00	0.00014	100.00	90.00	0.00013
-100.00	100.00	0.00039	-90.00	100.00	0.00042
-80.00	100.00	0.00045	-70.00	100.00	0.00047
-60.00	100.00	0.00049	-50.00	100.00	0.00049
-40.00	100.00	0.00046	-30.00	100.00	0.00040
-25.00	100.00	0.00037	-20.00	100.00	0.00034
-17.00	100.00	0.00032	-15.00	100.00	0.00030
-13.00	100.00	0.00029	-11.00	100.00	0.00028
-9.00	100.00	0.00027	9.00	100.00	0.00019
11.00	100.00	0.00019	13.00	100.00	0.00018
15.00	100.00	0.00018	17.00	100.00	0.00018
20.00	100.00	0.00017	25.00	100.00	0.00017
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00015	60.00	100.00	0.00014
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00011	100.00	100.00	0.00011
-100.00	110.00	0.00036	-90.00	110.00	0.00038
-80.00	110.00	0.00039	-70.00	110.00	0.00040
-60.00	110.00	0.00041	-50.00	110.00	0.00039
-40.00	110.00	0.00036	-30.00	110.00	0.00031
-25.00	110.00	0.00029	-20.00	110.00	0.00026
-17.00	110.00	0.00025	-15.00	110.00	0.00024
-13.00	110.00	0.00023	-11.00	110.00	0.00023
-9.00	110.00	0.00022	9.00	110.00	0.00016
11.00	110.00	0.00016	13.00	110.00	0.00015
15.00	110.00	0.00015	17.00	110.00	0.00015
20.00	110.00	0.00014	25.00	110.00	0.00014
30.00	110.00	0.00014	40.00	110.00	0.00013
50.00	110.00	0.00013	60.00	110.00	0.00012

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00011	80.00	110.00	0.00010
90.00	110.00	0.00010	100.00	110.00	0.00009
-100.00	120.00	0.00032	-90.00	120.00	0.00033
-80.00	120.00	0.00034	-70.00	120.00	0.00034
-60.00	120.00	0.00034	-50.00	120.00	0.00032
-40.00	120.00	0.00029	-30.00	120.00	0.00025
-25.00	120.00	0.00023	-20.00	120.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00020	-15.00	120.00	0.00020
-13.00	120.00	0.00019	-11.00	120.00	0.00019
-9.00	120.00	0.00018	9.00	120.00	0.00014
11.00	120.00	0.00013	13.00	120.00	0.00013
15.00	120.00	0.00013	17.00	120.00	0.00013
20.00	120.00	0.00012	25.00	120.00	0.00012
30.00	120.00	0.00012	40.00	120.00	0.00011
50.00	120.00	0.00011	60.00	120.00	0.00011
70.00	120.00	0.00010	80.00	120.00	0.00009
90.00	120.00	0.00009	100.00	120.00	0.00008
-100.00	130.00	0.00028	-90.00	130.00	0.00029
-80.00	130.00	0.00029	-70.00	130.00	0.00029
-60.00	130.00	0.00028	-50.00	130.00	0.00026
-40.00	130.00	0.00023	-30.00	130.00	0.00020
-25.00	130.00	0.00019	-20.00	130.00	0.00018
-17.00	130.00	0.00017	-15.00	130.00	0.00017
-13.00	130.00	0.00016	-11.00	130.00	0.00016
-9.00	130.00	0.00015	9.00	130.00	0.00012
11.00	130.00	0.00012	13.00	130.00	0.00011
15.00	130.00	0.00011	17.00	130.00	0.00011
20.00	130.00	0.00011	25.00	130.00	0.00010
30.00	130.00	0.00010	40.00	130.00	0.00010
50.00	130.00	0.00010	60.00	130.00	0.00009
70.00	130.00	0.00009	80.00	130.00	0.00008
90.00	130.00	0.00008	100.00	130.00	0.00007
-100.00	140.00	0.00025	-90.00	140.00	0.00026
-80.00	140.00	0.00025	-70.00	140.00	0.00025

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00023	-50.00	140.00	0.00022
-40.00	140.00	0.00019	-30.00	140.00	0.00017
-25.00	140.00	0.00016	-20.00	140.00	0.00015
-17.00	140.00	0.00014	-15.00	140.00	0.00014
-13.00	140.00	0.00014	-11.00	140.00	0.00014
-9.00	140.00	0.00013	9.00	140.00	0.00010
11.00	140.00	0.00010	13.00	140.00	0.00010
15.00	140.00	0.00010	17.00	140.00	0.00010
20.00	140.00	0.00009	25.00	140.00	0.00009
30.00	140.00	0.00009	40.00	140.00	0.00008
50.00	140.00	0.00008	60.00	140.00	0.00008
70.00	140.00	0.00008	80.00	140.00	0.00007
90.00	140.00	0.00007	100.00	140.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00022
-80.00	150.00	0.00022	-70.00	150.00	0.00021
-60.00	150.00	0.00020	-50.00	150.00	0.00018
-40.00	150.00	0.00016	-30.00	150.00	0.00014
-25.00	150.00	0.00013	-20.00	150.00	0.00013
-17.00	150.00	0.00012	-15.00	150.00	0.00012
-13.00	150.00	0.00012	-11.00	150.00	0.00012
-9.00	150.00	0.00011	9.00	150.00	0.00009
11.00	150.00	0.00009	13.00	150.00	0.00009
15.00	150.00	0.00009	17.00	150.00	0.00008
20.00	150.00	0.00008	25.00	150.00	0.00008
30.00	150.00	0.00008	40.00	150.00	0.00007
50.00	150.00	0.00007	60.00	150.00	0.00007
70.00	150.00	0.00007	80.00	150.00	0.00007
90.00	150.00	0.00006	100.00	150.00	0.00006
-100.00	160.00	0.00020	-90.00	160.00	0.00019
-80.00	160.00	0.00019	-70.00	160.00	0.00018
-60.00	160.00	0.00017	-50.00	160.00	0.00015
-40.00	160.00	0.00014	-30.00	160.00	0.00012
-25.00	160.00	0.00012	-20.00	160.00	0.00011
-17.00	160.00	0.00011	-15.00	160.00	0.00011

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00010	-11.00	160.00	0.00010
-9.00	160.00	0.00010	9.00	160.00	0.00008
11.00	160.00	0.00008	13.00	160.00	0.00008
15.00	160.00	0.00008	17.00	160.00	0.00007
20.00	160.00	0.00007	25.00	160.00	0.00007
30.00	160.00	0.00007	40.00	160.00	0.00007
50.00	160.00	0.00006	60.00	160.00	0.00006
70.00	160.00	0.00006	80.00	160.00	0.00006
90.00	160.00	0.00006	100.00	160.00	0.00005
-100.00	170.00	0.00017	-90.00	170.00	0.00017
-80.00	170.00	0.00016	-70.00	170.00	0.00015
-60.00	170.00	0.00014	-50.00	170.00	0.00013
-40.00	170.00	0.00012	-30.00	170.00	0.00011
-25.00	170.00	0.00010	-20.00	170.00	0.00010
-17.00	170.00	0.00009	-15.00	170.00	0.00009
-13.00	170.00	0.00009	-11.00	170.00	0.00009
-9.00	170.00	0.00009	9.00	170.00	0.00007
11.00	170.00	0.00007	13.00	170.00	0.00007
15.00	170.00	0.00007	17.00	170.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00007	25.00	170.00	0.00006
30.00	170.00	0.00006	40.00	170.00	0.00006
50.00	170.00	0.00006	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00005
90.00	170.00	0.00005	100.00	170.00	0.00005
-100.00	180.00	0.00015	-90.00	180.00	0.00015
-80.00	180.00	0.00014	-70.00	180.00	0.00013
-60.00	180.00	0.00012	-50.00	180.00	0.00011
-40.00	180.00	0.00010	-30.00	180.00	0.00009
-25.00	180.00	0.00009	-20.00	180.00	0.00009
-17.00	180.00	0.00008	-15.00	180.00	0.00008
-13.00	180.00	0.00008	-11.00	180.00	0.00008
-9.00	180.00	0.00008	9.00	180.00	0.00007
11.00	180.00	0.00006	13.00	180.00	0.00006
15.00	180.00	0.00006	17.00	180.00	0.00006

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00006	25.00	180.00	0.00006
30.00	180.00	0.00005	40.00	180.00	0.00005
50.00	180.00	0.00005	60.00	180.00	0.00005
70.00	180.00	0.00005	80.00	180.00	0.00005
90.00	180.00	0.00005	100.00	180.00	0.00005
-100.00	190.00	0.00014	-90.00	190.00	0.00013
-80.00	190.00	0.00013	-70.00	190.00	0.00012
-60.00	190.00	0.00011	-50.00	190.00	0.00010
-40.00	190.00	0.00009	-30.00	190.00	0.00008
-25.00	190.00	0.00008	-20.00	190.00	0.00008
-17.00	190.00	0.00008	-15.00	190.00	0.00007
-13.00	190.00	0.00007	-11.00	190.00	0.00007
-9.00	190.00	0.00007	9.00	190.00	0.00006
11.00	190.00	0.00006	13.00	190.00	0.00006
15.00	190.00	0.00006	17.00	190.00	0.00006
20.00	190.00	0.00005	25.00	190.00	0.00005
30.00	190.00	0.00005	40.00	190.00	0.00005
50.00	190.00	0.00005	60.00	190.00	0.00005
70.00	190.00	0.00005	80.00	190.00	0.00004
90.00	190.00	0.00004	100.00	190.00	0.00004
-100.00	200.00	0.00012	-90.00	200.00	0.00012
-80.00	200.00	0.00011	-70.00	200.00	0.00010
-60.00	200.00	0.00010	-50.00	200.00	0.00009
-40.00	200.00	0.00008	-30.00	200.00	0.00007
-25.00	200.00	0.00007	-20.00	200.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00007	-15.00	200.00	0.00007
-13.00	200.00	0.00007	-11.00	200.00	0.00006
-9.00	200.00	0.00006	9.00	200.00	0.00005
11.00	200.00	0.00005	13.00	200.00	0.00005
15.00	200.00	0.00005	17.00	200.00	0.00005
20.00	200.00	0.00005	25.00	200.00	0.00005
30.00	200.00	0.00005	40.00	200.00	0.00004
50.00	200.00	0.00004	60.00	200.00	0.00004
70.00	200.00	0.00004	80.00	200.00	0.00004

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00011	-90.00	210.00	0.00010
-80.00	210.00	0.00010	-70.00	210.00	0.00009
-60.00	210.00	0.00008	-50.00	210.00	0.00008
-40.00	210.00	0.00007	-30.00	210.00	0.00007
-25.00	210.00	0.00006	-20.00	210.00	0.00006
-17.00	210.00	0.00006	-15.00	210.00	0.00006
-13.00	210.00	0.00006	-11.00	210.00	0.00006
-9.00	210.00	0.00006	9.00	210.00	0.00005
11.00	210.00	0.00005	13.00	210.00	0.00005
15.00	210.00	0.00005	17.00	210.00	0.00005
20.00	210.00	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00004
-100.00	220.00	0.00010	-90.00	220.00	0.00009
-80.00	220.00	0.00009	-70.00	220.00	0.00008
-60.00	220.00	0.00008	-50.00	220.00	0.00007
-40.00	220.00	0.00006	-30.00	220.00	0.00006
-25.00	220.00	0.00006	-20.00	220.00	0.00006
-17.00	220.00	0.00006	-15.00	220.00	0.00005
-13.00	220.00	0.00005	-11.00	220.00	0.00005
-9.00	220.00	0.00005	9.00	220.00	0.00005
11.00	220.00	0.00004	13.00	220.00	0.00004
15.00	220.00	0.00004	17.00	220.00	0.00004
20.00	220.00	0.00004	25.00	220.00	0.00004
30.00	220.00	0.00004	40.00	220.00	0.00004
50.00	220.00	0.00004	60.00	220.00	0.00003
70.00	220.00	0.00003	80.00	220.00	0.00003
90.00	220.00	0.00003	100.00	220.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00009	-90.00	230.00	0.00008
-80.00	230.00	0.00008	-70.00	230.00	0.00007
-60.00	230.00	0.00007	-50.00	230.00	0.00006

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00006	-30.00	230.00	0.00005
-25.00	230.00	0.00005	-20.00	230.00	0.00005
-17.00	230.00	0.00005	-15.00	230.00	0.00005
-13.00	230.00	0.00005	-11.00	230.00	0.00005
-9.00	230.00	0.00005	9.00	230.00	0.00004
11.00	230.00	0.00004	13.00	230.00	0.00004
15.00	230.00	0.00004	17.00	230.00	0.00004
20.00	230.00	0.00004	25.00	230.00	0.00004
30.00	230.00	0.00004	40.00	230.00	0.00003
50.00	230.00	0.00003	60.00	230.00	0.00003
70.00	230.00	0.00003	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00008	-90.00	240.00	0.00007
-80.00	240.00	0.00007	-70.00	240.00	0.00007
-60.00	240.00	0.00006	-50.00	240.00	0.00006
-40.00	240.00	0.00005	-30.00	240.00	0.00005
-25.00	240.00	0.00005	-20.00	240.00	0.00005
-17.00	240.00	0.00005	-15.00	240.00	0.00005
-13.00	240.00	0.00005	-11.00	240.00	0.00004
-9.00	240.00	0.00004	9.00	240.00	0.00004
11.00	240.00	0.00004	13.00	240.00	0.00004
15.00	240.00	0.00004	17.00	240.00	0.00004
20.00	240.00	0.00004	25.00	240.00	0.00003
30.00	240.00	0.00003	40.00	240.00	0.00003
50.00	240.00	0.00003	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00003
90.00	240.00	0.00003	100.00	240.00	0.00003
-100.00	250.00	0.00007	-90.00	250.00	0.00007
-80.00	250.00	0.00006	-70.00	250.00	0.00006
-60.00	250.00	0.00005	-50.00	250.00	0.00005
-40.00	250.00	0.00005	-30.00	250.00	0.00005
-25.00	250.00	0.00004	-20.00	250.00	0.00004
-17.00	250.00	0.00004	-15.00	250.00	0.00004
-13.00	250.00	0.00004	-11.00	250.00	0.00004
-9.00	250.00	0.00004	9.00	250.00	0.00004
11.00	250.00	0.00004	13.00	250.00	0.00003
15.00	250.00	0.00003	17.00	250.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00003	25.00	250.00	0.00003
30.00	250.00	0.00003	40.00	250.00	0.00003
50.00	250.00	0.00003	60.00	250.00	0.00003
70.00	250.00	0.00003	80.00	250.00	0.00003
90.00	250.00	0.00003	100.00	250.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00014	-90.00	-250.00	0.00016
-80.00	-250.00	0.00017	-70.00	-250.00	0.00019
-60.00	-250.00	0.00021	-50.00	-250.00	0.00022
-40.00	-250.00	0.00024	-30.00	-250.00	0.00027
-25.00	-250.00	0.00029	-20.00	-250.00	0.00031
-17.00	-250.00	0.00033	-15.00	-250.00	0.00034
-13.00	-250.00	0.00035	-11.00	-250.00	0.00036
-9.00	-250.00	0.00038	9.00	-250.00	0.00051
11.00	-250.00	0.00052	13.00	-250.00	0.00053
15.00	-250.00	0.00055	17.00	-250.00	0.00056
20.00	-250.00	0.00057	25.00	-250.00	0.00059
30.00	-250.00	0.00061	40.00	-250.00	0.00066
50.00	-250.00	0.00072	60.00	-250.00	0.00078
70.00	-250.00	0.00084	80.00	-250.00	0.00088
90.00	-250.00	0.00091	100.00	-250.00	0.00092
-100.00	-240.00	0.00015	-90.00	-240.00	0.00016
-80.00	-240.00	0.00018	-70.00	-240.00	0.00020
-60.00	-240.00	0.00022	-50.00	-240.00	0.00024
-40.00	-240.00	0.00027	-30.00	-240.00	0.00029
-25.00	-240.00	0.00031	-20.00	-240.00	0.00034
-17.00	-240.00	0.00036	-15.00	-240.00	0.00037
-13.00	-240.00	0.00039	-11.00	-240.00	0.00040
-9.00	-240.00	0.00042	9.00	-240.00	0.00058
11.00	-240.00	0.00059	13.00	-240.00	0.00061
15.00	-240.00	0.00062	17.00	-240.00	0.00063
20.00	-240.00	0.00065	25.00	-240.00	0.00068

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00070	40.00	-240.00	0.00077
50.00	-240.00	0.00084	60.00	-240.00	0.00091
70.00	-240.00	0.00097	80.00	-240.00	0.00101
90.00	-240.00	0.00103	100.00	-240.00	0.00103
-100.00	-230.00	0.00016	-90.00	-230.00	0.00018
-80.00	-230.00	0.00019	-70.00	-230.00	0.00022
-60.00	-230.00	0.00024	-50.00	-230.00	0.00027
-40.00	-230.00	0.00029	-30.00	-230.00	0.00033
-25.00	-230.00	0.00035	-20.00	-230.00	0.00038
-17.00	-230.00	0.00040	-15.00	-230.00	0.00041
-13.00	-230.00	0.00043	-11.00	-230.00	0.00045
-9.00	-230.00	0.00047	9.00	-230.00	0.00066
11.00	-230.00	0.00068	13.00	-230.00	0.00070
15.00	-230.00	0.00071	17.00	-230.00	0.00073

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00075	25.00	-230.00	0.00078
30.00	-230.00	0.00082	40.00	-230.00	0.00090
50.00	-230.00	0.00099	60.00	-230.00	0.00108
70.00	-230.00	0.00114	80.00	-230.00	0.00117
90.00	-230.00	0.00118	100.00	-230.00	0.00116
-100.00	-220.00	0.00017	-90.00	-220.00	0.00019
-80.00	-220.00	0.00021	-70.00	-220.00	0.00023
-60.00	-220.00	0.00026	-50.00	-220.00	0.00029
-40.00	-220.00	0.00032	-30.00	-220.00	0.00036
-25.00	-220.00	0.00039	-20.00	-220.00	0.00042
-17.00	-220.00	0.00044	-15.00	-220.00	0.00046
-13.00	-220.00	0.00048	-11.00	-220.00	0.00050
-9.00	-220.00	0.00053	9.00	-220.00	0.00077
11.00	-220.00	0.00079	13.00	-220.00	0.00081
15.00	-220.00	0.00083	17.00	-220.00	0.00085
20.00	-220.00	0.00087	25.00	-220.00	0.00092
30.00	-220.00	0.00096	40.00	-220.00	0.00108
50.00	-220.00	0.00119	60.00	-220.00	0.00128
70.00	-220.00	0.00134	80.00	-220.00	0.00135
90.00	-220.00	0.00134	100.00	-220.00	0.00130

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00019	-90.00	-210.00	0.00020
-80.00	-210.00	0.00022	-70.00	-210.00	0.00025
-60.00	-210.00	0.00028	-50.00	-210.00	0.00032
-40.00	-210.00	0.00036	-30.00	-210.00	0.00040
-25.00	-210.00	0.00043	-20.00	-210.00	0.00047
-17.00	-210.00	0.00050	-15.00	-210.00	0.00052
-13.00	-210.00	0.00054	-11.00	-210.00	0.00057
-9.00	-210.00	0.00060	9.00	-210.00	0.00090
11.00	-210.00	0.00093	13.00	-210.00	0.00095
15.00	-210.00	0.00097	17.00	-210.00	0.00100
20.00	-210.00	0.00103	25.00	-210.00	0.00109
30.00	-210.00	0.00116	40.00	-210.00	0.00131
50.00	-210.00	0.00144	60.00	-210.00	0.00153
70.00	-210.00	0.00157	80.00	-210.00	0.00156
90.00	-210.00	0.00152	100.00	-210.00	0.00145
-100.00	-200.00	0.00020	-90.00	-200.00	0.00022
-80.00	-200.00	0.00024	-70.00	-200.00	0.00027
-60.00	-200.00	0.00031	-50.00	-200.00	0.00035
-40.00	-200.00	0.00040	-30.00	-200.00	0.00045
-25.00	-200.00	0.00049	-20.00	-200.00	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00056	-15.00	-200.00	0.00058
-13.00	-200.00	0.00061	-11.00	-200.00	0.00064
-9.00	-200.00	0.00068	9.00	-200.00	0.00107
11.00	-200.00	0.00110	13.00	-200.00	0.00113
15.00	-200.00	0.00116	17.00	-200.00	0.00119
20.00	-200.00	0.00124	25.00	-200.00	0.00133
30.00	-200.00	0.00142	40.00	-200.00	0.00161
50.00	-200.00	0.00176	60.00	-200.00	0.00184
70.00	-200.00	0.00184	80.00	-200.00	0.00180
90.00	-200.00	0.00171	100.00	-200.00	0.00160
-100.00	-190.00	0.00023	-90.00	-190.00	0.00025
-80.00	-190.00	0.00027	-70.00	-190.00	0.00030
-60.00	-190.00	0.00033	-50.00	-190.00	0.00038
-40.00	-190.00	0.00044	-30.00	-190.00	0.00051

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00055	-20.00	-190.00	0.00060
-17.00	-190.00	0.00063	-15.00	-190.00	0.00066
-13.00	-190.00	0.00069	-11.00	-190.00	0.00073
-9.00	-190.00	0.00078	9.00	-190.00	0.00128
11.00	-190.00	0.00133	13.00	-190.00	0.00137
15.00	-190.00	0.00141	17.00	-190.00	0.00146
20.00	-190.00	0.00152	25.00	-190.00	0.00165
30.00	-190.00	0.00179	40.00	-190.00	0.00203
50.00	-190.00	0.00217	60.00	-190.00	0.00220
70.00	-190.00	0.00215	80.00	-190.00	0.00205
90.00	-190.00	0.00191	100.00	-190.00	0.00175
-100.00	-180.00	0.00025	-90.00	-180.00	0.00027
-80.00	-180.00	0.00030	-70.00	-180.00	0.00033
-60.00	-180.00	0.00037	-50.00	-180.00	0.00042
-40.00	-180.00	0.00049	-30.00	-180.00	0.00057
-25.00	-180.00	0.00062	-20.00	-180.00	0.00068
-17.00	-180.00	0.00072	-15.00	-180.00	0.00075
-13.00	-180.00	0.00079	-11.00	-180.00	0.00084
-9.00	-180.00	0.00089	9.00	-180.00	0.00157
11.00	-180.00	0.00163	13.00	-180.00	0.00169
15.00	-180.00	0.00176	17.00	-180.00	0.00183
20.00	-180.00	0.00193	25.00	-180.00	0.00213
30.00	-180.00	0.00231	40.00	-180.00	0.00257
50.00	-180.00	0.00267	60.00	-180.00	0.00263
70.00	-180.00	0.00249	80.00	-180.00	0.00230
90.00	-180.00	0.00209	100.00	-180.00	0.00188

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
\*\*MODELOPTS:  
PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00027	-90.00	-170.00	0.00030
-80.00	-170.00	0.00033	-70.00	-170.00	0.00037
-60.00	-170.00	0.00041	-50.00	-170.00	0.00047
-40.00	-170.00	0.00054	-30.00	-170.00	0.00064
-25.00	-170.00	0.00070	-20.00	-170.00	0.00077
-17.00	-170.00	0.00082	-15.00	-170.00	0.00086
-13.00	-170.00	0.00091	-11.00	-170.00	0.00096
-9.00	-170.00	0.00103	9.00	-170.00	0.00197

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00206	13.00	-170.00	0.00216
15.00	-170.00	0.00227	17.00	-170.00	0.00238
20.00	-170.00	0.00256	25.00	-170.00	0.00283
30.00	-170.00	0.00305	40.00	-170.00	0.00328
50.00	-170.00	0.00326	60.00	-170.00	0.00308
70.00	-170.00	0.00282	80.00	-170.00	0.00253
90.00	-170.00	0.00225	100.00	-170.00	0.00199
-100.00	-160.00	0.00030	-90.00	-160.00	0.00033
-80.00	-160.00	0.00037	-70.00	-160.00	0.00041
-60.00	-160.00	0.00047	-50.00	-160.00	0.00053
-40.00	-160.00	0.00061	-30.00	-160.00	0.00071
-25.00	-160.00	0.00078	-20.00	-160.00	0.00087
-17.00	-160.00	0.00093	-15.00	-160.00	0.00098
-13.00	-160.00	0.00104	-11.00	-160.00	0.00110
-9.00	-160.00	0.00118	9.00	-160.00	0.00257
11.00	-160.00	0.00274	13.00	-160.00	0.00292
15.00	-160.00	0.00310	17.00	-160.00	0.00328
20.00	-160.00	0.00353	25.00	-160.00	0.00386
30.00	-160.00	0.00406	40.00	-160.00	0.00412
50.00	-160.00	0.00388	60.00	-160.00	0.00350
70.00	-160.00	0.00310	80.00	-160.00	0.00271
90.00	-160.00	0.00236	100.00	-160.00	0.00205
-100.00	-150.00	0.00032	-90.00	-150.00	0.00036
-80.00	-150.00	0.00040	-70.00	-150.00	0.00046
-60.00	-150.00	0.00052	-50.00	-150.00	0.00060
-40.00	-150.00	0.00070	-30.00	-150.00	0.00081
-25.00	-150.00	0.00089	-20.00	-150.00	0.00098
-17.00	-150.00	0.00105	-15.00	-150.00	0.00110
-13.00	-150.00	0.00117	-11.00	-150.00	0.00125
-9.00	-150.00	0.00135	9.00	-150.00	0.00364
11.00	-150.00	0.00396	13.00	-150.00	0.00426
15.00	-150.00	0.00454	17.00	-150.00	0.00477

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00503	25.00	-150.00	0.00527
30.00	-150.00	0.00529	40.00	-150.00	0.00496

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00442	60.00	-150.00	0.00384
70.00	-150.00	0.00330	80.00	-150.00	0.00282
90.00	-150.00	0.00241	100.00	-150.00	0.00206
-100.00	-140.00	0.00034	-90.00	-140.00	0.00039
-80.00	-140.00	0.00044	-70.00	-140.00	0.00050
-60.00	-140.00	0.00058	-50.00	-140.00	0.00067
-40.00	-140.00	0.00078	-30.00	-140.00	0.00093
-25.00	-140.00	0.00101	-20.00	-140.00	0.00112
-17.00	-140.00	0.00120	-15.00	-140.00	0.00127
-13.00	-140.00	0.00134	-11.00	-140.00	0.00144
-9.00	-140.00	0.00157	9.00	-140.00	0.00599
11.00	-140.00	0.00632	13.00	-140.00	0.00654
15.00	-140.00	0.00668	17.00	-140.00	0.00676
20.00	-140.00	0.00678	25.00	-140.00	0.00663
30.00	-140.00	0.00634	40.00	-140.00	0.00558
50.00	-140.00	0.00478	60.00	-140.00	0.00403
70.00	-140.00	0.00339	80.00	-140.00	0.00285
90.00	-140.00	0.00240	100.00	-140.00	0.00203
-100.00	-130.00	0.00037	-90.00	-130.00	0.00043
-80.00	-130.00	0.00049	-70.00	-130.00	0.00056
-60.00	-130.00	0.00066	-50.00	-130.00	0.00077
-40.00	-130.00	0.00091	-30.00	-130.00	0.00110
-25.00	-130.00	0.00122	-20.00	-130.00	0.00137
-17.00	-130.00	0.00148	-15.00	-130.00	0.00157
-13.00	-130.00	0.00169	-11.00	-130.00	0.00185
-9.00	-130.00	0.00206	9.00	-130.00	0.00783
11.00	-130.00	0.00787	13.00	-130.00	0.00789
15.00	-130.00	0.00788	17.00	-130.00	0.00783
20.00	-130.00	0.00769	25.00	-130.00	0.00734
30.00	-130.00	0.00688	40.00	-130.00	0.00588
50.00	-130.00	0.00491	60.00	-130.00	0.00406
70.00	-130.00	0.00336	80.00	-130.00	0.00278
90.00	-130.00	0.00231	100.00	-130.00	0.00194
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00055	-70.00	-120.00	0.00064
-60.00	-120.00	0.00076	-50.00	-120.00	0.00090
-40.00	-120.00	0.00110	-30.00	-120.00	0.00136
-25.00	-120.00	0.00153	-20.00	-120.00	0.00174

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

04NCRA PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00191	-15.00	-120.00	0.00204	
-13.00	-120.00	0.00219	-11.00	-120.00	0.00237	
-9.00	-120.00	0.00260	9.00	-120.00	0.00793	
11.00	-120.00	0.00797	13.00	-120.00	0.00800	
15.00	-120.00	0.00800	17.00	-120.00	0.00795	
20.00	-120.00	0.00782	25.00	-120.00	0.00743	
30.00	-120.00	0.00695	40.00	-120.00	0.00586	
50.00	-120.00	0.00482	60.00	-120.00	0.00393	
70.00	-120.00	0.00321	80.00	-120.00	0.00263	
90.00	-120.00	0.00216	100.00	-120.00	0.00180	
-100.00	-110.00	0.00044	-90.00	-110.00	0.00052	
-80.00	-110.00	0.00061	-70.00	-110.00	0.00073	
-60.00	-110.00	0.00087	-50.00	-110.00	0.00105	
-40.00	-110.00	0.00128	-30.00	-110.00	0.00160	
-25.00	-110.00	0.00180	-20.00	-110.00	0.00205	
-17.00	-110.00	0.00222	-15.00	-110.00	0.00235	
-13.00	-110.00	0.00249	-11.00	-110.00	0.00264	
-9.00	-110.00	0.00283	9.00	-110.00	0.00785	
11.00	-110.00	0.00789	13.00	-110.00	0.00791	
15.00	-110.00	0.00790	17.00	-110.00	0.00784	
20.00	-110.00	0.00768	25.00	-110.00	0.00727	
30.00	-110.00	0.00676	40.00	-110.00	0.00562	
50.00	-110.00	0.00456	60.00	-110.00	0.00367	
70.00	-110.00	0.00296	80.00	-110.00	0.00239	
90.00	-110.00	0.00196	100.00	-110.00	0.00162	
-100.00	-100.00	0.00048	-90.00	-100.00	0.00057	
-80.00	-100.00	0.00067	-70.00	-100.00	0.00081	
-60.00	-100.00	0.00097	-50.00	-100.00	0.00118	
-40.00	-100.00	0.00144	-30.00	-100.00	0.00178	
-25.00	-100.00	0.00199	-20.00	-100.00	0.00222	
-17.00	-100.00	0.00238	-15.00	-100.00	0.00248	
-13.00	-100.00	0.00260	-11.00	-100.00	0.00273	
-9.00	-100.00	0.00289	9.00	-100.00	0.00767	
11.00	-100.00	0.00770	13.00	-100.00	0.00771	
15.00	-100.00	0.00768	17.00	-100.00	0.00760	
20.00	-100.00	0.00742	25.00	-100.00	0.00696	
30.00	-100.00	0.00640	40.00	-100.00	0.00521	
50.00	-100.00	0.00414	60.00	-100.00	0.00328	
70.00	-100.00	0.00261	80.00	-100.00	0.00210	
90.00	-100.00	0.00171	100.00	-100.00	0.00142	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00052	-90.00	-90.00	0.00061
-80.00	-90.00	0.00072	-70.00	-90.00	0.00086
-60.00	-90.00	0.00104	-50.00	-90.00	0.00127
-40.00	-90.00	0.00154	-30.00	-90.00	0.00188
-25.00	-90.00	0.00207	-20.00	-90.00	0.00228
-17.00	-90.00	0.00241	-15.00	-90.00	0.00251
-13.00	-90.00	0.00261	-11.00	-90.00	0.00272
-9.00	-90.00	0.00285	9.00	-90.00	0.00739
11.00	-90.00	0.00739	13.00	-90.00	0.00738
15.00	-90.00	0.00732	17.00	-90.00	0.00722
20.00	-90.00	0.00700	25.00	-90.00	0.00647
30.00	-90.00	0.00585	40.00	-90.00	0.00462
50.00	-90.00	0.00359	60.00	-90.00	0.00280
70.00	-90.00	0.00221	80.00	-90.00	0.00177
90.00	-90.00	0.00145	100.00	-90.00	0.00120
-100.00	-80.00	0.00054	-90.00	-80.00	0.00064
-80.00	-80.00	0.00075	-70.00	-80.00	0.00090
-60.00	-80.00	0.00109	-50.00	-80.00	0.00132
-40.00	-80.00	0.00160	-30.00	-80.00	0.00192
-25.00	-80.00	0.00209	-20.00	-80.00	0.00227
-17.00	-80.00	0.00238	-15.00	-80.00	0.00246
-13.00	-80.00	0.00254	-11.00	-80.00	0.00263
-9.00	-80.00	0.00275	9.00	-80.00	0.00696
11.00	-80.00	0.00693	13.00	-80.00	0.00687
15.00	-80.00	0.00677	17.00	-80.00	0.00663
20.00	-80.00	0.00634	25.00	-80.00	0.00573
30.00	-80.00	0.00507	40.00	-80.00	0.00385
50.00	-80.00	0.00292	60.00	-80.00	0.00226
70.00	-80.00	0.00178	80.00	-80.00	0.00144
90.00	-80.00	0.00118	100.00	-80.00	0.00099
-100.00	-70.00	0.00056	-90.00	-70.00	0.00066
-80.00	-70.00	0.00078	-70.00	-70.00	0.00092
-60.00	-70.00	0.00111	-50.00	-70.00	0.00134
-40.00	-70.00	0.00161	-30.00	-70.00	0.00191



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00206	-20.00	-70.00	0.00221
-17.00	-70.00	0.00230	-15.00	-70.00	0.00236
-13.00	-70.00	0.00242	-11.00	-70.00	0.00250
-9.00	-70.00	0.00259	9.00	-70.00	0.00632
11.00	-70.00	0.00620	13.00	-70.00	0.00607
15.00	-70.00	0.00589	17.00	-70.00	0.00567

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00530	25.00	-70.00	0.00462
30.00	-70.00	0.00398	40.00	-70.00	0.00292
50.00	-70.00	0.00220	60.00	-70.00	0.00171
70.00	-70.00	0.00136	80.00	-70.00	0.00112
90.00	-70.00	0.00093	100.00	-70.00	0.00079
-100.00	-60.00	0.00058	-90.00	-60.00	0.00067
-80.00	-60.00	0.00079	-70.00	-60.00	0.00093
-60.00	-60.00	0.00111	-50.00	-60.00	0.00132
-40.00	-60.00	0.00157	-30.00	-60.00	0.00184
-25.00	-60.00	0.00197	-20.00	-60.00	0.00211
-17.00	-60.00	0.00218	-15.00	-60.00	0.00223
-13.00	-60.00	0.00228	-11.00	-60.00	0.00233
-9.00	-60.00	0.00240	9.00	-60.00	0.00518
11.00	-60.00	0.00491	13.00	-60.00	0.00464
15.00	-60.00	0.00437	17.00	-60.00	0.00410
20.00	-60.00	0.00371	25.00	-60.00	0.00313
30.00	-60.00	0.00265	40.00	-60.00	0.00196
50.00	-60.00	0.00151	60.00	-60.00	0.00121
70.00	-60.00	0.00099	80.00	-60.00	0.00083
90.00	-60.00	0.00071	100.00	-60.00	0.00062
-100.00	-50.00	0.00058	-90.00	-50.00	0.00067
-80.00	-50.00	0.00078	-70.00	-50.00	0.00092
-60.00	-50.00	0.00109	-50.00	-50.00	0.00128
-40.00	-50.00	0.00150	-30.00	-50.00	0.00173
-25.00	-50.00	0.00184	-20.00	-50.00	0.00195
-17.00	-50.00	0.00200	-15.00	-50.00	0.00204
-13.00	-50.00	0.00207	-11.00	-50.00	0.00211
-9.00	-50.00	0.00215	9.00	-50.00	0.00273

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00245	13.00	-50.00	0.00226
15.00	-50.00	0.00211	17.00	-50.00	0.00200
20.00	-50.00	0.00185	25.00	-50.00	0.00163
30.00	-50.00	0.00146	40.00	-50.00	0.00118
50.00	-50.00	0.00097	60.00	-50.00	0.00082
70.00	-50.00	0.00070	80.00	-50.00	0.00061
90.00	-50.00	0.00053	100.00	-50.00	0.00047
-100.00	-40.00	0.00057	-90.00	-40.00	0.00066
-80.00	-40.00	0.00076	-70.00	-40.00	0.00088
-60.00	-40.00	0.00103	-50.00	-40.00	0.00119
-40.00	-40.00	0.00137	-30.00	-40.00	0.00154
-25.00	-40.00	0.00161	-20.00	-40.00	0.00167

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 91  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00169	-15.00	-40.00	0.00168
-13.00	-40.00	0.00167	-11.00	-40.00	0.00165
-9.00	-40.00	0.00160	9.00	-40.00	0.00077
11.00	-40.00	0.00077	13.00	-40.00	0.00077
15.00	-40.00	0.00078	17.00	-40.00	0.00078
20.00	-40.00	0.00078	25.00	-40.00	0.00077
30.00	-40.00	0.00074	40.00	-40.00	0.00068
50.00	-40.00	0.00060	60.00	-40.00	0.00054
70.00	-40.00	0.00048	80.00	-40.00	0.00044
90.00	-40.00	0.00039	100.00	-40.00	0.00036
-100.00	-30.00	0.00055	-90.00	-30.00	0.00063
-80.00	-30.00	0.00072	-70.00	-30.00	0.00082
-60.00	-30.00	0.00093	-50.00	-30.00	0.00105
-40.00	-30.00	0.00116	-30.00	-30.00	0.00125
-25.00	-30.00	0.00126	-20.00	-30.00	0.00124
-17.00	-30.00	0.00120	-15.00	-30.00	0.00116
-13.00	-30.00	0.00111	-11.00	-30.00	0.00105
-9.00	-30.00	0.00097	9.00	-30.00	0.00051
11.00	-30.00	0.00050	13.00	-30.00	0.00049
15.00	-30.00	0.00048	17.00	-30.00	0.00047
20.00	-30.00	0.00046	25.00	-30.00	0.00045
30.00	-30.00	0.00044	40.00	-30.00	0.00042

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00039	60.00	-30.00	0.00037
70.00	-30.00	0.00034	80.00	-30.00	0.00031
90.00	-30.00	0.00029	100.00	-30.00	0.00027
-100.00	-20.00	0.00052	-90.00	-20.00	0.00058
-80.00	-20.00	0.00066	-70.00	-20.00	0.00073
-60.00	-20.00	0.00081	-50.00	-20.00	0.00089
-40.00	-20.00	0.00094	-30.00	-20.00	0.00096
-25.00	-20.00	0.00093	-20.00	-20.00	0.00087
-17.00	-20.00	0.00082	-15.00	-20.00	0.00077
-13.00	-20.00	0.00073	-11.00	-20.00	0.00068
-9.00	-20.00	0.00063	9.00	-20.00	0.00037
11.00	-20.00	0.00036	13.00	-20.00	0.00036
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00032	40.00	-20.00	0.00030
50.00	-20.00	0.00028	60.00	-20.00	0.00026
70.00	-20.00	0.00025	80.00	-20.00	0.00023
90.00	-20.00	0.00022	100.00	-20.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00048	-90.00	-10.00	0.00053
-80.00	-10.00	0.00059	-70.00	-10.00	0.00064
-60.00	-10.00	0.00069	-50.00	-10.00	0.00073
-40.00	-10.00	0.00075	-30.00	-10.00	0.00071
-25.00	-10.00	0.00067	-20.00	-10.00	0.00061
-17.00	-10.00	0.00057	-15.00	-10.00	0.00054
-13.00	-10.00	0.00051	-11.00	-10.00	0.00048
-9.00	-10.00	0.00045	9.00	-10.00	0.00029
11.00	-10.00	0.00028	13.00	-10.00	0.00028
15.00	-10.00	0.00027	17.00	-10.00	0.00027
20.00	-10.00	0.00026	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00023
50.00	-10.00	0.00021	60.00	-10.00	0.00020
70.00	-10.00	0.00019	80.00	-10.00	0.00018
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00044	-90.00	0.00	0.00048

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00052	-70.00	0.00	0.00055
-60.00	0.00	0.00058	-50.00	0.00	0.00060
-40.00	0.00	0.00059	-30.00	0.00	0.00053
-25.00	0.00	0.00049	-20.00	0.00	0.00044
-17.00	0.00	0.00041	-15.00	0.00	0.00039
-13.00	0.00	0.00038	-11.00	0.00	0.00036
-9.00	0.00	0.00034	9.00	0.00	0.00023
11.00	0.00	0.00023	13.00	0.00	0.00022
15.00	0.00	0.00022	17.00	0.00	0.00021
20.00	0.00	0.00021	25.00	0.00	0.00021
30.00	0.00	0.00020	40.00	0.00	0.00019
50.00	0.00	0.00018	60.00	0.00	0.00016
70.00	0.00	0.00015	80.00	0.00	0.00014
90.00	0.00	0.00014	100.00	0.00	0.00013
-100.00	10.00	0.00039	-90.00	10.00	0.00042
-80.00	10.00	0.00045	-70.00	10.00	0.00047
-60.00	10.00	0.00049	-50.00	10.00	0.00049
-40.00	10.00	0.00046	-30.00	10.00	0.00040
-25.00	10.00	0.00037	-20.00	10.00	0.00034
-17.00	10.00	0.00032	-15.00	10.00	0.00030
-13.00	10.00	0.00029	-11.00	10.00	0.00028
-9.00	10.00	0.00027	9.00	10.00	0.00019
11.00	10.00	0.00019	13.00	10.00	0.00018
15.00	10.00	0.00018	17.00	10.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00017	25.00	10.00	0.00017
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00015	60.00	10.00	0.00014
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00011	100.00	10.00	0.00011
-100.00	20.00	0.00036	-90.00	20.00	0.00038
-80.00	20.00	0.00039	-70.00	20.00	0.00040
-60.00	20.00	0.00041	-50.00	20.00	0.00039
-40.00	20.00	0.00036	-30.00	20.00	0.00031
-25.00	20.00	0.00029	-20.00	20.00	0.00026

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00025	-15.00	20.00	0.00024
-13.00	20.00	0.00023	-11.00	20.00	0.00023
-9.00	20.00	0.00022	9.00	20.00	0.00016
11.00	20.00	0.00016	13.00	20.00	0.00015
15.00	20.00	0.00015	17.00	20.00	0.00015
20.00	20.00	0.00014	25.00	20.00	0.00014
30.00	20.00	0.00014	40.00	20.00	0.00013
50.00	20.00	0.00013	60.00	20.00	0.00012
70.00	20.00	0.00011	80.00	20.00	0.00010
90.00	20.00	0.00010	100.00	20.00	0.00009
-100.00	30.00	0.00032	-90.00	30.00	0.00033
-80.00	30.00	0.00034	-70.00	30.00	0.00034
-60.00	30.00	0.00034	-50.00	30.00	0.00032
-40.00	30.00	0.00029	-30.00	30.00	0.00025
-25.00	30.00	0.00023	-20.00	30.00	0.00021
-17.00	30.00	0.00020	-15.00	30.00	0.00020
-13.00	30.00	0.00019	-11.00	30.00	0.00019
-9.00	30.00	0.00018	9.00	30.00	0.00014
11.00	30.00	0.00013	13.00	30.00	0.00013
15.00	30.00	0.00013	17.00	30.00	0.00013
20.00	30.00	0.00012	25.00	30.00	0.00012
30.00	30.00	0.00012	40.00	30.00	0.00011
50.00	30.00	0.00011	60.00	30.00	0.00011
70.00	30.00	0.00010	80.00	30.00	0.00009
90.00	30.00	0.00009	100.00	30.00	0.00008
-100.00	40.00	0.00028	-90.00	40.00	0.00029
-80.00	40.00	0.00029	-70.00	40.00	0.00029
-60.00	40.00	0.00028	-50.00	40.00	0.00026
-40.00	40.00	0.00023	-30.00	40.00	0.00020
-25.00	40.00	0.00019	-20.00	40.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00017	-15.00	40.00	0.00017
-13.00	40.00	0.00016	-11.00	40.00	0.00016
-9.00	40.00	0.00015	9.00	40.00	0.00012
11.00	40.00	0.00012	13.00	40.00	0.00011

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00011	17.00	40.00	0.00011
20.00	40.00	0.00011	25.00	40.00	0.00010
30.00	40.00	0.00010	40.00	40.00	0.00010
50.00	40.00	0.00010	60.00	40.00	0.00009
70.00	40.00	0.00009	80.00	40.00	0.00008
90.00	40.00	0.00008	100.00	40.00	0.00007
-100.00	50.00	0.00025	-90.00	50.00	0.00026
-80.00	50.00	0.00025	-70.00	50.00	0.00025
-60.00	50.00	0.00023	-50.00	50.00	0.00022
-40.00	50.00	0.00019	-30.00	50.00	0.00017
-25.00	50.00	0.00016	-20.00	50.00	0.00015
-17.00	50.00	0.00014	-15.00	50.00	0.00014
-13.00	50.00	0.00014	-11.00	50.00	0.00014
-9.00	50.00	0.00013	9.00	50.00	0.00010
11.00	50.00	0.00010	13.00	50.00	0.00010
15.00	50.00	0.00010	17.00	50.00	0.00010
20.00	50.00	0.00009	25.00	50.00	0.00009
30.00	50.00	0.00009	40.00	50.00	0.00008
50.00	50.00	0.00008	60.00	50.00	0.00008
70.00	50.00	0.00008	80.00	50.00	0.00007
90.00	50.00	0.00007	100.00	50.00	0.00007
-100.00	60.00	0.00022	-90.00	60.00	0.00022
-80.00	60.00	0.00022	-70.00	60.00	0.00021
-60.00	60.00	0.00020	-50.00	60.00	0.00018
-40.00	60.00	0.00016	-30.00	60.00	0.00014
-25.00	60.00	0.00013	-20.00	60.00	0.00013
-17.00	60.00	0.00012	-15.00	60.00	0.00012
-13.00	60.00	0.00012	-11.00	60.00	0.00012
-9.00	60.00	0.00011	9.00	60.00	0.00009
11.00	60.00	0.00009	13.00	60.00	0.00009
15.00	60.00	0.00009	17.00	60.00	0.00008
20.00	60.00	0.00008	25.00	60.00	0.00008
30.00	60.00	0.00008	40.00	60.00	0.00007
50.00	60.00	0.00007	60.00	60.00	0.00007
70.00	60.00	0.00007	80.00	60.00	0.00007
90.00	60.00	0.00006	100.00	60.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 95

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

04NCRA PL94-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00020	-90.00	70.00	0.00019
-80.00	70.00	0.00019	-70.00	70.00	0.00018
-60.00	70.00	0.00017	-50.00	70.00	0.00015
-40.00	70.00	0.00014	-30.00	70.00	0.00012
-25.00	70.00	0.00012	-20.00	70.00	0.00011
-17.00	70.00	0.00011	-15.00	70.00	0.00011
-13.00	70.00	0.00010	-11.00	70.00	0.00010
-9.00	70.00	0.00010	9.00	70.00	0.00008
11.00	70.00	0.00008	13.00	70.00	0.00008
15.00	70.00	0.00008	17.00	70.00	0.00007
20.00	70.00	0.00007	25.00	70.00	0.00007
30.00	70.00	0.00007	40.00	70.00	0.00007
50.00	70.00	0.00006	60.00	70.00	0.00006
70.00	70.00	0.00006	80.00	70.00	0.00006
90.00	70.00	0.00006	100.00	70.00	0.00005
-100.00	80.00	0.00017	-90.00	80.00	0.00017
-80.00	80.00	0.00016	-70.00	80.00	0.00015
-60.00	80.00	0.00014	-50.00	80.00	0.00013
-40.00	80.00	0.00012	-30.00	80.00	0.00011
-25.00	80.00	0.00010	-20.00	80.00	0.00010
-17.00	80.00	0.00009	-15.00	80.00	0.00009
-13.00	80.00	0.00009	-11.00	80.00	0.00009
-9.00	80.00	0.00009	9.00	80.00	0.00007
11.00	80.00	0.00007	13.00	80.00	0.00007
15.00	80.00	0.00007	17.00	80.00	0.00007
20.00	80.00	0.00007	25.00	80.00	0.00006
30.00	80.00	0.00006	40.00	80.00	0.00006
50.00	80.00	0.00006	60.00	80.00	0.00006
70.00	80.00	0.00006	80.00	80.00	0.00005
90.00	80.00	0.00005	100.00	80.00	0.00005
-100.00	90.00	0.00015	-90.00	90.00	0.00015
-80.00	90.00	0.00014	-70.00	90.00	0.00013
-60.00	90.00	0.00012	-50.00	90.00	0.00011
-40.00	90.00	0.00010	-30.00	90.00	0.00009
-25.00	90.00	0.00009	-20.00	90.00	0.00009
-17.00	90.00	0.00008	-15.00	90.00	0.00008
-13.00	90.00	0.00008	-11.00	90.00	0.00008
-9.00	90.00	0.00008	9.00	90.00	0.00007
11.00	90.00	0.00006	13.00	90.00	0.00006
15.00	90.00	0.00006	17.00	90.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00006	25.00	90.00	0.00006
30.00	90.00	0.00005	40.00	90.00	0.00005
50.00	90.00	0.00005	60.00	90.00	0.00005
70.00	90.00	0.00005	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00014	-90.00	100.00	0.00013
-80.00	100.00	0.00013	-70.00	100.00	0.00012
-60.00	100.00	0.00011	-50.00	100.00	0.00010
-40.00	100.00	0.00009	-30.00	100.00	0.00008
-25.00	100.00	0.00008	-20.00	100.00	0.00008
-17.00	100.00	0.00008	-15.00	100.00	0.00007
-13.00	100.00	0.00007	-11.00	100.00	0.00007
-9.00	100.00	0.00007	9.00	100.00	0.00006
11.00	100.00	0.00006	13.00	100.00	0.00006
15.00	100.00	0.00006	17.00	100.00	0.00006
20.00	100.00	0.00005	25.00	100.00	0.00005
30.00	100.00	0.00005	40.00	100.00	0.00005
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00004
90.00	100.00	0.00004	100.00	100.00	0.00004
-100.00	110.00	0.00012	-90.00	110.00	0.00012
-80.00	110.00	0.00011	-70.00	110.00	0.00010
-60.00	110.00	0.00010	-50.00	110.00	0.00009
-40.00	110.00	0.00008	-30.00	110.00	0.00007
-25.00	110.00	0.00007	-20.00	110.00	0.00007
-17.00	110.00	0.00007	-15.00	110.00	0.00007
-13.00	110.00	0.00007	-11.00	110.00	0.00006
-9.00	110.00	0.00006	9.00	110.00	0.00005
11.00	110.00	0.00005	13.00	110.00	0.00005
15.00	110.00	0.00005	17.00	110.00	0.00005
20.00	110.00	0.00005	25.00	110.00	0.00005
30.00	110.00	0.00005	40.00	110.00	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00004	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00011	-90.00	120.00	0.00010



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00010	-70.00	120.00	0.00009
-60.00	120.00	0.00008	-50.00	120.00	0.00008
-40.00	120.00	0.00007	-30.00	120.00	0.00007
-25.00	120.00	0.00006	-20.00	120.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00006	-15.00	120.00	0.00006
-13.00	120.00	0.00006	-11.00	120.00	0.00006
-9.00	120.00	0.00006	9.00	120.00	0.00005
11.00	120.00	0.00005	13.00	120.00	0.00005
15.00	120.00	0.00005	17.00	120.00	0.00005
20.00	120.00	0.00004	25.00	120.00	0.00004
30.00	120.00	0.00004	40.00	120.00	0.00004
50.00	120.00	0.00004	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00004
-100.00	130.00	0.00010	-90.00	130.00	0.00009
-80.00	130.00	0.00009	-70.00	130.00	0.00008
-60.00	130.00	0.00008	-50.00	130.00	0.00007
-40.00	130.00	0.00006	-30.00	130.00	0.00006
-25.00	130.00	0.00006	-20.00	130.00	0.00006
-17.00	130.00	0.00006	-15.00	130.00	0.00005
-13.00	130.00	0.00005	-11.00	130.00	0.00005
-9.00	130.00	0.00005	9.00	130.00	0.00005
11.00	130.00	0.00004	13.00	130.00	0.00004
15.00	130.00	0.00004	17.00	130.00	0.00004
20.00	130.00	0.00004	25.00	130.00	0.00004
30.00	130.00	0.00004	40.00	130.00	0.00004
50.00	130.00	0.00004	60.00	130.00	0.00003
70.00	130.00	0.00003	80.00	130.00	0.00003
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00009	-90.00	140.00	0.00008
-80.00	140.00	0.00008	-70.00	140.00	0.00007
-60.00	140.00	0.00007	-50.00	140.00	0.00006
-40.00	140.00	0.00006	-30.00	140.00	0.00005
-25.00	140.00	0.00005	-20.00	140.00	0.00005

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00005	-15.00	140.00	0.00005
-13.00	140.00	0.00005	-11.00	140.00	0.00005
-9.00	140.00	0.00005	9.00	140.00	0.00004
11.00	140.00	0.00004	13.00	140.00	0.00004
15.00	140.00	0.00004	17.00	140.00	0.00004
20.00	140.00	0.00004	25.00	140.00	0.00004
30.00	140.00	0.00004	40.00	140.00	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00008	-90.00	150.00	0.00007
-80.00	150.00	0.00007	-70.00	150.00	0.00007
-60.00	150.00	0.00006	-50.00	150.00	0.00006
-40.00	150.00	0.00005	-30.00	150.00	0.00005
-25.00	150.00	0.00005	-20.00	150.00	0.00005
-17.00	150.00	0.00005	-15.00	150.00	0.00005
-13.00	150.00	0.00005	-11.00	150.00	0.00004
-9.00	150.00	0.00004	9.00	150.00	0.00004
11.00	150.00	0.00004	13.00	150.00	0.00004
15.00	150.00	0.00004	17.00	150.00	0.00004
20.00	150.00	0.00004	25.00	150.00	0.00003
30.00	150.00	0.00003	40.00	150.00	0.00003
50.00	150.00	0.00003	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00003
90.00	150.00	0.00003	100.00	150.00	0.00003
-100.00	160.00	0.00007	-90.00	160.00	0.00007
-80.00	160.00	0.00006	-70.00	160.00	0.00006
-60.00	160.00	0.00005	-50.00	160.00	0.00005
-40.00	160.00	0.00005	-30.00	160.00	0.00005
-25.00	160.00	0.00004	-20.00	160.00	0.00004
-17.00	160.00	0.00004	-15.00	160.00	0.00004
-13.00	160.00	0.00004	-11.00	160.00	0.00004
-9.00	160.00	0.00004	9.00	160.00	0.00004
11.00	160.00	0.00004	13.00	160.00	0.00003

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00003	17.00	160.00	0.00003
20.00	160.00	0.00003	25.00	160.00	0.00003
30.00	160.00	0.00003	40.00	160.00	0.00003
50.00	160.00	0.00003	60.00	160.00	0.00003
70.00	160.00	0.00003	80.00	160.00	0.00003
90.00	160.00	0.00003	100.00	160.00	0.00003
-100.00	170.00	0.00006	-90.00	170.00	0.00006
-80.00	170.00	0.00006	-70.00	170.00	0.00005
-60.00	170.00	0.00005	-50.00	170.00	0.00005
-40.00	170.00	0.00004	-30.00	170.00	0.00004
-25.00	170.00	0.00004	-20.00	170.00	0.00004
-17.00	170.00	0.00004	-15.00	170.00	0.00004
-13.00	170.00	0.00004	-11.00	170.00	0.00004
-9.00	170.00	0.00004	9.00	170.00	0.00003
11.00	170.00	0.00003	13.00	170.00	0.00003
15.00	170.00	0.00003	17.00	170.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00003	25.00	170.00	0.00003
30.00	170.00	0.00003	40.00	170.00	0.00003
50.00	170.00	0.00003	60.00	170.00	0.00003
70.00	170.00	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00006	-90.00	180.00	0.00006
-80.00	180.00	0.00005	-70.00	180.00	0.00005
-60.00	180.00	0.00005	-50.00	180.00	0.00004
-40.00	180.00	0.00004	-30.00	180.00	0.00004
-25.00	180.00	0.00004	-20.00	180.00	0.00004
-17.00	180.00	0.00004	-15.00	180.00	0.00004
-13.00	180.00	0.00004	-11.00	180.00	0.00004
-9.00	180.00	0.00003	9.00	180.00	0.00003
11.00	180.00	0.00003	13.00	180.00	0.00003
15.00	180.00	0.00003	17.00	180.00	0.00003
20.00	180.00	0.00003	25.00	180.00	0.00003
30.00	180.00	0.00003	40.00	180.00	0.00003
50.00	180.00	0.00002	60.00	180.00	0.00002

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00005	-90.00	190.00	0.00005
-80.00	190.00	0.00005	-70.00	190.00	0.00004
-60.00	190.00	0.00004	-50.00	190.00	0.00004
-40.00	190.00	0.00004	-30.00	190.00	0.00004
-25.00	190.00	0.00004	-20.00	190.00	0.00003
-17.00	190.00	0.00003	-15.00	190.00	0.00003
-13.00	190.00	0.00003	-11.00	190.00	0.00003
-9.00	190.00	0.00003	9.00	190.00	0.00003
11.00	190.00	0.00003	13.00	190.00	0.00003
15.00	190.00	0.00003	17.00	190.00	0.00003
20.00	190.00	0.00003	25.00	190.00	0.00003
30.00	190.00	0.00003	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00005	-90.00	200.00	0.00005
-80.00	200.00	0.00004	-70.00	200.00	0.00004
-60.00	200.00	0.00004	-50.00	200.00	0.00004
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00003	-20.00	200.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00003	-15.00	200.00	0.00003
-13.00	200.00	0.00003	-11.00	200.00	0.00003
-9.00	200.00	0.00003	9.00	200.00	0.00003
11.00	200.00	0.00003	13.00	200.00	0.00003
15.00	200.00	0.00003	17.00	200.00	0.00003
20.00	200.00	0.00003	25.00	200.00	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00005	-90.00	210.00	0.00004
-80.00	210.00	0.00004	-70.00	210.00	0.00004

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00004	-50.00	210.00	0.00003
-40.00	210.00	0.00003	-30.00	210.00	0.00003
-25.00	210.00	0.00003	-20.00	210.00	0.00003
-17.00	210.00	0.00003	-15.00	210.00	0.00003
-13.00	210.00	0.00003	-11.00	210.00	0.00003
-9.00	210.00	0.00003	9.00	210.00	0.00003
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00002
20.00	210.00	0.00002	25.00	210.00	0.00002
30.00	210.00	0.00002	40.00	210.00	0.00002
50.00	210.00	0.00002	60.00	210.00	0.00002
70.00	210.00	0.00002	80.00	210.00	0.00002
90.00	210.00	0.00002	100.00	210.00	0.00002
-100.00	220.00	0.00004	-90.00	220.00	0.00004
-80.00	220.00	0.00004	-70.00	220.00	0.00004
-60.00	220.00	0.00003	-50.00	220.00	0.00003
-40.00	220.00	0.00003	-30.00	220.00	0.00003
-25.00	220.00	0.00003	-20.00	220.00	0.00003
-17.00	220.00	0.00003	-15.00	220.00	0.00003
-13.00	220.00	0.00003	-11.00	220.00	0.00003
-9.00	220.00	0.00003	9.00	220.00	0.00002
11.00	220.00	0.00002	13.00	220.00	0.00002
15.00	220.00	0.00002	17.00	220.00	0.00002
20.00	220.00	0.00002	25.00	220.00	0.00002
30.00	220.00	0.00002	40.00	220.00	0.00002
50.00	220.00	0.00002	60.00	220.00	0.00002
70.00	220.00	0.00002	80.00	220.00	0.00002
90.00	220.00	0.00002	100.00	220.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00004	-90.00	230.00	0.00004
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-60.00	230.00	0.00003	-50.00	230.00	0.00003
-40.00	230.00	0.00003	-30.00	230.00	0.00003
-25.00	230.00	0.00003	-20.00	230.00	0.00003
-17.00	230.00	0.00003	-15.00	230.00	0.00003

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00003	-11.00	230.00	0.00003
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00004	-90.00	240.00	0.00003
-80.00	240.00	0.00003	-70.00	240.00	0.00003
-60.00	240.00	0.00003	-50.00	240.00	0.00003
-40.00	240.00	0.00003	-30.00	240.00	0.00003
-25.00	240.00	0.00003	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00002
30.00	240.00	0.00002	40.00	240.00	0.00002
50.00	240.00	0.00002	60.00	240.00	0.00002
70.00	240.00	0.00002	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00003	-90.00	250.00	0.00003
-80.00	250.00	0.00003	-70.00	250.00	0.00003
-60.00	250.00	0.00003	-50.00	250.00	0.00003
-40.00	250.00	0.00003	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00002
11.00	250.00	0.00002	13.00	250.00	0.00002
15.00	250.00	0.00002	17.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00002
30.00	250.00	0.00002	40.00	250.00	0.00002
50.00	250.00	0.00002	60.00	250.00	0.00002
70.00	250.00	0.00002	80.00	250.00	0.00001
90.00	250.00	0.00001	100.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 103  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00030	-90.00	-250.00	0.00033
-80.00	-250.00	0.00037	-70.00	-250.00	0.00041
-60.00	-250.00	0.00047	-50.00	-250.00	0.00053
-40.00	-250.00	0.00061	-30.00	-250.00	0.00071
-25.00	-250.00	0.00078	-20.00	-250.00	0.00087
-17.00	-250.00	0.00093	-15.00	-250.00	0.00098
-13.00	-250.00	0.00104	-11.00	-250.00	0.00110
-9.00	-250.00	0.00118	9.00	-250.00	0.00257
11.00	-250.00	0.00274	13.00	-250.00	0.00292
15.00	-250.00	0.00310	17.00	-250.00	0.00328
20.00	-250.00	0.00353	25.00	-250.00	0.00386
30.00	-250.00	0.00406	40.00	-250.00	0.00412
50.00	-250.00	0.00388	60.00	-250.00	0.00350
70.00	-250.00	0.00310	80.00	-250.00	0.00271
90.00	-250.00	0.00236	100.00	-250.00	0.00205
-100.00	-240.00	0.00032	-90.00	-240.00	0.00036
-80.00	-240.00	0.00040	-70.00	-240.00	0.00046
-60.00	-240.00	0.00052	-50.00	-240.00	0.00060
-40.00	-240.00	0.00070	-30.00	-240.00	0.00081
-25.00	-240.00	0.00089	-20.00	-240.00	0.00098
-17.00	-240.00	0.00105	-15.00	-240.00	0.00110
-13.00	-240.00	0.00117	-11.00	-240.00	0.00125
-9.00	-240.00	0.00135	9.00	-240.00	0.00364
11.00	-240.00	0.00396	13.00	-240.00	0.00426
15.00	-240.00	0.00454	17.00	-240.00	0.00477
20.00	-240.00	0.00503	25.00	-240.00	0.00527
30.00	-240.00	0.00529	40.00	-240.00	0.00496
50.00	-240.00	0.00442	60.00	-240.00	0.00384
70.00	-240.00	0.00330	80.00	-240.00	0.00282

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00241	100.00	-240.00	0.00206
-100.00	-230.00	0.00034	-90.00	-230.00	0.00039
-80.00	-230.00	0.00044	-70.00	-230.00	0.00050
-60.00	-230.00	0.00058	-50.00	-230.00	0.00067
-40.00	-230.00	0.00078	-30.00	-230.00	0.00093
-25.00	-230.00	0.00101	-20.00	-230.00	0.00112
-17.00	-230.00	0.00120	-15.00	-230.00	0.00127
-13.00	-230.00	0.00134	-11.00	-230.00	0.00144
-9.00	-230.00	0.00157	9.00	-230.00	0.00599
11.00	-230.00	0.00632	13.00	-230.00	0.00654
15.00	-230.00	0.00668	17.00	-230.00	0.00676

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00678	25.00	-230.00	0.00663
30.00	-230.00	0.00634	40.00	-230.00	0.00558
50.00	-230.00	0.00478	60.00	-230.00	0.00403
70.00	-230.00	0.00339	80.00	-230.00	0.00285
90.00	-230.00	0.00240	100.00	-230.00	0.00203
-100.00	-220.00	0.00037	-90.00	-220.00	0.00043
-80.00	-220.00	0.00049	-70.00	-220.00	0.00056
-60.00	-220.00	0.00066	-50.00	-220.00	0.00077
-40.00	-220.00	0.00091	-30.00	-220.00	0.00110
-25.00	-220.00	0.00122	-20.00	-220.00	0.00137
-17.00	-220.00	0.00148	-15.00	-220.00	0.00157
-13.00	-220.00	0.00169	-11.00	-220.00	0.00185
-9.00	-220.00	0.00206	9.00	-220.00	0.00783
11.00	-220.00	0.00787	13.00	-220.00	0.00789
15.00	-220.00	0.00788	17.00	-220.00	0.00783
20.00	-220.00	0.00769	25.00	-220.00	0.00734
30.00	-220.00	0.00688	40.00	-220.00	0.00588
50.00	-220.00	0.00491	60.00	-220.00	0.00406
70.00	-220.00	0.00336	80.00	-220.00	0.00278
90.00	-220.00	0.00231	100.00	-220.00	0.00194
-100.00	-210.00	0.00041	-90.00	-210.00	0.00047
-80.00	-210.00	0.00055	-70.00	-210.00	0.00064
-60.00	-210.00	0.00076	-50.00	-210.00	0.00090



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00110	-30.00	-210.00	0.00136
-25.00	-210.00	0.00153	-20.00	-210.00	0.00174
-17.00	-210.00	0.00191	-15.00	-210.00	0.00204
-13.00	-210.00	0.00219	-11.00	-210.00	0.00237
-9.00	-210.00	0.00260	9.00	-210.00	0.00793
11.00	-210.00	0.00797	13.00	-210.00	0.00800
15.00	-210.00	0.00800	17.00	-210.00	0.00795
20.00	-210.00	0.00782	25.00	-210.00	0.00743
30.00	-210.00	0.00695	40.00	-210.00	0.00586
50.00	-210.00	0.00482	60.00	-210.00	0.00393
70.00	-210.00	0.00321	80.00	-210.00	0.00263
90.00	-210.00	0.00216	100.00	-210.00	0.00180
-100.00	-200.00	0.00044	-90.00	-200.00	0.00052
-80.00	-200.00	0.00061	-70.00	-200.00	0.00073
-60.00	-200.00	0.00087	-50.00	-200.00	0.00105
-40.00	-200.00	0.00128	-30.00	-200.00	0.00160
-25.00	-200.00	0.00180	-20.00	-200.00	0.00205

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00222	-15.00	-200.00	0.00235
-13.00	-200.00	0.00249	-11.00	-200.00	0.00264
-9.00	-200.00	0.00283	9.00	-200.00	0.00785
11.00	-200.00	0.00789	13.00	-200.00	0.00791
15.00	-200.00	0.00790	17.00	-200.00	0.00784
20.00	-200.00	0.00768	25.00	-200.00	0.00727
30.00	-200.00	0.00676	40.00	-200.00	0.00562
50.00	-200.00	0.00456	60.00	-200.00	0.00367
70.00	-200.00	0.00296	80.00	-200.00	0.00239
90.00	-200.00	0.00196	100.00	-200.00	0.00162
-100.00	-190.00	0.00048	-90.00	-190.00	0.00057
-80.00	-190.00	0.00067	-70.00	-190.00	0.00081
-60.00	-190.00	0.00097	-50.00	-190.00	0.00118
-40.00	-190.00	0.00144	-30.00	-190.00	0.00178
-25.00	-190.00	0.00199	-20.00	-190.00	0.00222
-17.00	-190.00	0.00238	-15.00	-190.00	0.00248
-13.00	-190.00	0.00260	-11.00	-190.00	0.00273



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00507	40.00	-170.00	0.00385
50.00	-170.00	0.00292	60.00	-170.00	0.00226
70.00	-170.00	0.00178	80.00	-170.00	0.00144
90.00	-170.00	0.00118	100.00	-170.00	0.00099
-100.00	-160.00	0.00056	-90.00	-160.00	0.00066
-80.00	-160.00	0.00078	-70.00	-160.00	0.00092
-60.00	-160.00	0.00111	-50.00	-160.00	0.00134
-40.00	-160.00	0.00161	-30.00	-160.00	0.00191
-25.00	-160.00	0.00206	-20.00	-160.00	0.00221
-17.00	-160.00	0.00230	-15.00	-160.00	0.00236
-13.00	-160.00	0.00242	-11.00	-160.00	0.00250
-9.00	-160.00	0.00259	9.00	-160.00	0.00632
11.00	-160.00	0.00620	13.00	-160.00	0.00607
15.00	-160.00	0.00589	17.00	-160.00	0.00567
20.00	-160.00	0.00530	25.00	-160.00	0.00462
30.00	-160.00	0.00398	40.00	-160.00	0.00292
50.00	-160.00	0.00220	60.00	-160.00	0.00171
70.00	-160.00	0.00136	80.00	-160.00	0.00112
90.00	-160.00	0.00093	100.00	-160.00	0.00079
-100.00	-150.00	0.00058	-90.00	-150.00	0.00067
-80.00	-150.00	0.00079	-70.00	-150.00	0.00093
-60.00	-150.00	0.00111	-50.00	-150.00	0.00132
-40.00	-150.00	0.00157	-30.00	-150.00	0.00184
-25.00	-150.00	0.00197	-20.00	-150.00	0.00211
-17.00	-150.00	0.00218	-15.00	-150.00	0.00223
-13.00	-150.00	0.00228	-11.00	-150.00	0.00233
-9.00	-150.00	0.00240	9.00	-150.00	0.00518
11.00	-150.00	0.00491	13.00	-150.00	0.00464
15.00	-150.00	0.00437	17.00	-150.00	0.00410

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00371	25.00	-150.00	0.00313
30.00	-150.00	0.00265	40.00	-150.00	0.00196
50.00	-150.00	0.00151	60.00	-150.00	0.00121
70.00	-150.00	0.00099	80.00	-150.00	0.00083
90.00	-150.00	0.00071	100.00	-150.00	0.00062

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00067
-80.00	-140.00	0.00078	-70.00	-140.00	0.00092
-60.00	-140.00	0.00109	-50.00	-140.00	0.00128
-40.00	-140.00	0.00150	-30.00	-140.00	0.00173
-25.00	-140.00	0.00184	-20.00	-140.00	0.00195
-17.00	-140.00	0.00200	-15.00	-140.00	0.00204
-13.00	-140.00	0.00207	-11.00	-140.00	0.00211
-9.00	-140.00	0.00215	9.00	-140.00	0.00273
11.00	-140.00	0.00245	13.00	-140.00	0.00226
15.00	-140.00	0.00211	17.00	-140.00	0.00200
20.00	-140.00	0.00185	25.00	-140.00	0.00163
30.00	-140.00	0.00146	40.00	-140.00	0.00118
50.00	-140.00	0.00097	60.00	-140.00	0.00082
70.00	-140.00	0.00070	80.00	-140.00	0.00061
90.00	-140.00	0.00053	100.00	-140.00	0.00047
-100.00	-130.00	0.00057	-90.00	-130.00	0.00066
-80.00	-130.00	0.00076	-70.00	-130.00	0.00088
-60.00	-130.00	0.00103	-50.00	-130.00	0.00119
-40.00	-130.00	0.00137	-30.00	-130.00	0.00154
-25.00	-130.00	0.00161	-20.00	-130.00	0.00167
-17.00	-130.00	0.00169	-15.00	-130.00	0.00168
-13.00	-130.00	0.00167	-11.00	-130.00	0.00165
-9.00	-130.00	0.00160	9.00	-130.00	0.00077
11.00	-130.00	0.00077	13.00	-130.00	0.00077
15.00	-130.00	0.00078	17.00	-130.00	0.00078
20.00	-130.00	0.00078	25.00	-130.00	0.00077
30.00	-130.00	0.00074	40.00	-130.00	0.00068
50.00	-130.00	0.00060	60.00	-130.00	0.00054
70.00	-130.00	0.00048	80.00	-130.00	0.00044
90.00	-130.00	0.00039	100.00	-130.00	0.00036
-100.00	-120.00	0.00055	-90.00	-120.00	0.00063
-80.00	-120.00	0.00072	-70.00	-120.00	0.00082
-60.00	-120.00	0.00093	-50.00	-120.00	0.00105
-40.00	-120.00	0.00116	-30.00	-120.00	0.00125
-25.00	-120.00	0.00126	-20.00	-120.00	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:11:25  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00120	-15.00	-120.00	0.00116
-13.00	-120.00	0.00111	-11.00	-120.00	0.00105
-9.00	-120.00	0.00097	9.00	-120.00	0.00051
11.00	-120.00	0.00050	13.00	-120.00	0.00049
15.00	-120.00	0.00048	17.00	-120.00	0.00047
20.00	-120.00	0.00046	25.00	-120.00	0.00045
30.00	-120.00	0.00044	40.00	-120.00	0.00042
50.00	-120.00	0.00039	60.00	-120.00	0.00037
70.00	-120.00	0.00034	80.00	-120.00	0.00031
90.00	-120.00	0.00029	100.00	-120.00	0.00027
-100.00	-110.00	0.00052	-90.00	-110.00	0.00058
-80.00	-110.00	0.00066	-70.00	-110.00	0.00073
-60.00	-110.00	0.00081	-50.00	-110.00	0.00089
-40.00	-110.00	0.00094	-30.00	-110.00	0.00096
-25.00	-110.00	0.00093	-20.00	-110.00	0.00087
-17.00	-110.00	0.00082	-15.00	-110.00	0.00077
-13.00	-110.00	0.00073	-11.00	-110.00	0.00068
-9.00	-110.00	0.00063	9.00	-110.00	0.00037
11.00	-110.00	0.00036	13.00	-110.00	0.00036
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00032	40.00	-110.00	0.00030
50.00	-110.00	0.00028	60.00	-110.00	0.00026
70.00	-110.00	0.00025	80.00	-110.00	0.00023
90.00	-110.00	0.00022	100.00	-110.00	0.00021
-100.00	-100.00	0.00048	-90.00	-100.00	0.00053
-80.00	-100.00	0.00059	-70.00	-100.00	0.00064
-60.00	-100.00	0.00069	-50.00	-100.00	0.00073
-40.00	-100.00	0.00075	-30.00	-100.00	0.00071
-25.00	-100.00	0.00067	-20.00	-100.00	0.00061
-17.00	-100.00	0.00057	-15.00	-100.00	0.00054
-13.00	-100.00	0.00051	-11.00	-100.00	0.00048
-9.00	-100.00	0.00045	9.00	-100.00	0.00029
11.00	-100.00	0.00028	13.00	-100.00	0.00028
15.00	-100.00	0.00027	17.00	-100.00	0.00027
20.00	-100.00	0.00026	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00023
50.00	-100.00	0.00021	60.00	-100.00	0.00020
70.00	-100.00	0.00019	80.00	-100.00	0.00018
90.00	-100.00	0.00017	100.00	-100.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00044	-90.00	-90.00	0.00048
-80.00	-90.00	0.00052	-70.00	-90.00	0.00055
-60.00	-90.00	0.00058	-50.00	-90.00	0.00060
-40.00	-90.00	0.00059	-30.00	-90.00	0.00053
-25.00	-90.00	0.00049	-20.00	-90.00	0.00044
-17.00	-90.00	0.00041	-15.00	-90.00	0.00039
-13.00	-90.00	0.00038	-11.00	-90.00	0.00036
-9.00	-90.00	0.00034	9.00	-90.00	0.00023
11.00	-90.00	0.00023	13.00	-90.00	0.00022
15.00	-90.00	0.00022	17.00	-90.00	0.00021
20.00	-90.00	0.00021	25.00	-90.00	0.00021
30.00	-90.00	0.00020	40.00	-90.00	0.00019
50.00	-90.00	0.00018	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00014	100.00	-90.00	0.00013
-100.00	-80.00	0.00039	-90.00	-80.00	0.00042
-80.00	-80.00	0.00045	-70.00	-80.00	0.00047
-60.00	-80.00	0.00049	-50.00	-80.00	0.00049
-40.00	-80.00	0.00046	-30.00	-80.00	0.00040
-25.00	-80.00	0.00037	-20.00	-80.00	0.00034
-17.00	-80.00	0.00032	-15.00	-80.00	0.00030
-13.00	-80.00	0.00029	-11.00	-80.00	0.00028
-9.00	-80.00	0.00027	9.00	-80.00	0.00019
11.00	-80.00	0.00019	13.00	-80.00	0.00018
15.00	-80.00	0.00018	17.00	-80.00	0.00018
20.00	-80.00	0.00017	25.00	-80.00	0.00017
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00015	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00011	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00038
-80.00	-70.00	0.00039	-70.00	-70.00	0.00040
-60.00	-70.00	0.00041	-50.00	-70.00	0.00039
-40.00	-70.00	0.00036	-30.00	-70.00	0.00031
-25.00	-70.00	0.00029	-20.00	-70.00	0.00026
-17.00	-70.00	0.00025	-15.00	-70.00	0.00024
-13.00	-70.00	0.00023	-11.00	-70.00	0.00023

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00022	9.00	-70.00	0.00016
11.00	-70.00	0.00016	13.00	-70.00	0.00015
15.00	-70.00	0.00015	17.00	-70.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00014	25.00	-70.00	0.00014
30.00	-70.00	0.00014	40.00	-70.00	0.00013
50.00	-70.00	0.00013	60.00	-70.00	0.00012
70.00	-70.00	0.00011	80.00	-70.00	0.00010
90.00	-70.00	0.00010	100.00	-70.00	0.00009
-100.00	-60.00	0.00032	-90.00	-60.00	0.00033
-80.00	-60.00	0.00034	-70.00	-60.00	0.00034
-60.00	-60.00	0.00034	-50.00	-60.00	0.00032
-40.00	-60.00	0.00029	-30.00	-60.00	0.00025
-25.00	-60.00	0.00023	-20.00	-60.00	0.00021
-17.00	-60.00	0.00020	-15.00	-60.00	0.00020
-13.00	-60.00	0.00019	-11.00	-60.00	0.00019
-9.00	-60.00	0.00018	9.00	-60.00	0.00014
11.00	-60.00	0.00013	13.00	-60.00	0.00013
15.00	-60.00	0.00013	17.00	-60.00	0.00013
20.00	-60.00	0.00012	25.00	-60.00	0.00012
30.00	-60.00	0.00012	40.00	-60.00	0.00011
50.00	-60.00	0.00011	60.00	-60.00	0.00011
70.00	-60.00	0.00010	80.00	-60.00	0.00009
90.00	-60.00	0.00009	100.00	-60.00	0.00008
-100.00	-50.00	0.00028	-90.00	-50.00	0.00029
-80.00	-50.00	0.00029	-70.00	-50.00	0.00029
-60.00	-50.00	0.00028	-50.00	-50.00	0.00026
-40.00	-50.00	0.00023	-30.00	-50.00	0.00020
-25.00	-50.00	0.00019	-20.00	-50.00	0.00018
-17.00	-50.00	0.00017	-15.00	-50.00	0.00017
-13.00	-50.00	0.00016	-11.00	-50.00	0.00016
-9.00	-50.00	0.00015	9.00	-50.00	0.00012
11.00	-50.00	0.00012	13.00	-50.00	0.00011
15.00	-50.00	0.00011	17.00	-50.00	0.00011
20.00	-50.00	0.00011	25.00	-50.00	0.00010

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00010	40.00	-50.00	0.00010
50.00	-50.00	0.00010	60.00	-50.00	0.00009
70.00	-50.00	0.00009	80.00	-50.00	0.00008
90.00	-50.00	0.00008	100.00	-50.00	0.00007
-100.00	-40.00	0.00025	-90.00	-40.00	0.00026
-80.00	-40.00	0.00025	-70.00	-40.00	0.00025
-60.00	-40.00	0.00023	-50.00	-40.00	0.00022
-40.00	-40.00	0.00019	-30.00	-40.00	0.00017
-25.00	-40.00	0.00016	-20.00	-40.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00014	-15.00	-40.00	0.00014
-13.00	-40.00	0.00014	-11.00	-40.00	0.00014
-9.00	-40.00	0.00013	9.00	-40.00	0.00010
11.00	-40.00	0.00010	13.00	-40.00	0.00010
15.00	-40.00	0.00010	17.00	-40.00	0.00010
20.00	-40.00	0.00009	25.00	-40.00	0.00009
30.00	-40.00	0.00009	40.00	-40.00	0.00008
50.00	-40.00	0.00008	60.00	-40.00	0.00008
70.00	-40.00	0.00008	80.00	-40.00	0.00007
90.00	-40.00	0.00007	100.00	-40.00	0.00007
-100.00	-30.00	0.00022	-90.00	-30.00	0.00022
-80.00	-30.00	0.00022	-70.00	-30.00	0.00021
-60.00	-30.00	0.00020	-50.00	-30.00	0.00018
-40.00	-30.00	0.00016	-30.00	-30.00	0.00014
-25.00	-30.00	0.00013	-20.00	-30.00	0.00013
-17.00	-30.00	0.00012	-15.00	-30.00	0.00012
-13.00	-30.00	0.00012	-11.00	-30.00	0.00012
-9.00	-30.00	0.00011	9.00	-30.00	0.00009
11.00	-30.00	0.00009	13.00	-30.00	0.00009
15.00	-30.00	0.00009	17.00	-30.00	0.00008
20.00	-30.00	0.00008	25.00	-30.00	0.00008
30.00	-30.00	0.00008	40.00	-30.00	0.00007
50.00	-30.00	0.00007	60.00	-30.00	0.00007
70.00	-30.00	0.00007	80.00	-30.00	0.00007
90.00	-30.00	0.00006	100.00	-30.00	0.00006



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00020	-90.00	-20.00	0.00019
-80.00	-20.00	0.00019	-70.00	-20.00	0.00018
-60.00	-20.00	0.00017	-50.00	-20.00	0.00015
-40.00	-20.00	0.00014	-30.00	-20.00	0.00012
-25.00	-20.00	0.00012	-20.00	-20.00	0.00011
-17.00	-20.00	0.00011	-15.00	-20.00	0.00011
-13.00	-20.00	0.00010	-11.00	-20.00	0.00010
-9.00	-20.00	0.00010	9.00	-20.00	0.00008
11.00	-20.00	0.00008	13.00	-20.00	0.00008
15.00	-20.00	0.00008	17.00	-20.00	0.00007
20.00	-20.00	0.00007	25.00	-20.00	0.00007
30.00	-20.00	0.00007	40.00	-20.00	0.00007
50.00	-20.00	0.00006	60.00	-20.00	0.00006
70.00	-20.00	0.00006	80.00	-20.00	0.00006
90.00	-20.00	0.00006	100.00	-20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00017	-90.00	-10.00	0.00017
-80.00	-10.00	0.00016	-70.00	-10.00	0.00015
-60.00	-10.00	0.00014	-50.00	-10.00	0.00013
-40.00	-10.00	0.00012	-30.00	-10.00	0.00011
-25.00	-10.00	0.00010	-20.00	-10.00	0.00010
-17.00	-10.00	0.00009	-15.00	-10.00	0.00009
-13.00	-10.00	0.00009	-11.00	-10.00	0.00009
-9.00	-10.00	0.00009	9.00	-10.00	0.00007
11.00	-10.00	0.00007	13.00	-10.00	0.00007
15.00	-10.00	0.00007	17.00	-10.00	0.00007
20.00	-10.00	0.00007	25.00	-10.00	0.00006
30.00	-10.00	0.00006	40.00	-10.00	0.00006
50.00	-10.00	0.00006	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00005
90.00	-10.00	0.00005	100.00	-10.00	0.00005
-100.00	0.00	0.00015	-90.00	0.00	0.00015
-80.00	0.00	0.00014	-70.00	0.00	0.00013
-60.00	0.00	0.00012	-50.00	0.00	0.00011
-40.00	0.00	0.00010	-30.00	0.00	0.00009

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00009	-20.00	0.00	0.00009
-17.00	0.00	0.00008	-15.00	0.00	0.00008
-13.00	0.00	0.00008	-11.00	0.00	0.00008
-9.00	0.00	0.00008	9.00	0.00	0.00007
11.00	0.00	0.00006	13.00	0.00	0.00006
15.00	0.00	0.00006	17.00	0.00	0.00006
20.00	0.00	0.00006	25.00	0.00	0.00006
30.00	0.00	0.00005	40.00	0.00	0.00005
50.00	0.00	0.00005	60.00	0.00	0.00005
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00014	-90.00	10.00	0.00013
-80.00	10.00	0.00013	-70.00	10.00	0.00012
-60.00	10.00	0.00011	-50.00	10.00	0.00010
-40.00	10.00	0.00009	-30.00	10.00	0.00008
-25.00	10.00	0.00008	-20.00	10.00	0.00008
-17.00	10.00	0.00008	-15.00	10.00	0.00007
-13.00	10.00	0.00007	-11.00	10.00	0.00007
-9.00	10.00	0.00007	9.00	10.00	0.00006
11.00	10.00	0.00006	13.00	10.00	0.00006
15.00	10.00	0.00006	17.00	10.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00005	25.00	10.00	0.00005
30.00	10.00	0.00005	40.00	10.00	0.00005
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00004
90.00	10.00	0.00004	100.00	10.00	0.00004
-100.00	20.00	0.00012	-90.00	20.00	0.00012
-80.00	20.00	0.00011	-70.00	20.00	0.00010
-60.00	20.00	0.00010	-50.00	20.00	0.00009
-40.00	20.00	0.00008	-30.00	20.00	0.00007
-25.00	20.00	0.00007	-20.00	20.00	0.00007
-17.00	20.00	0.00007	-15.00	20.00	0.00007
-13.00	20.00	0.00007	-11.00	20.00	0.00006
-9.00	20.00	0.00006	9.00	20.00	0.00005

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00005	13.00	20.00	0.00005
15.00	20.00	0.00005	17.00	20.00	0.00005
20.00	20.00	0.00005	25.00	20.00	0.00005
30.00	20.00	0.00005	40.00	20.00	0.00004
50.00	20.00	0.00004	60.00	20.00	0.00004
70.00	20.00	0.00004	80.00	20.00	0.00004
90.00	20.00	0.00004	100.00	20.00	0.00004
-100.00	30.00	0.00011	-90.00	30.00	0.00010
-80.00	30.00	0.00010	-70.00	30.00	0.00009
-60.00	30.00	0.00008	-50.00	30.00	0.00008
-40.00	30.00	0.00007	-30.00	30.00	0.00007
-25.00	30.00	0.00006	-20.00	30.00	0.00006
-17.00	30.00	0.00006	-15.00	30.00	0.00006
-13.00	30.00	0.00006	-11.00	30.00	0.00006
-9.00	30.00	0.00006	9.00	30.00	0.00005
11.00	30.00	0.00005	13.00	30.00	0.00005
15.00	30.00	0.00005	17.00	30.00	0.00005
20.00	30.00	0.00004	25.00	30.00	0.00004
30.00	30.00	0.00004	40.00	30.00	0.00004
50.00	30.00	0.00004	60.00	30.00	0.00004
70.00	30.00	0.00004	80.00	30.00	0.00004
90.00	30.00	0.00004	100.00	30.00	0.00004
-100.00	40.00	0.00010	-90.00	40.00	0.00009
-80.00	40.00	0.00009	-70.00	40.00	0.00008
-60.00	40.00	0.00008	-50.00	40.00	0.00007
-40.00	40.00	0.00006	-30.00	40.00	0.00006
-25.00	40.00	0.00006	-20.00	40.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00006	-15.00	40.00	0.00005
-13.00	40.00	0.00005	-11.00	40.00	0.00005
-9.00	40.00	0.00005	9.00	40.00	0.00005
11.00	40.00	0.00004	13.00	40.00	0.00004
15.00	40.00	0.00004	17.00	40.00	0.00004
20.00	40.00	0.00004	25.00	40.00	0.00004
30.00	40.00	0.00004	40.00	40.00	0.00004

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00004	60.00	40.00	0.00003
70.00	40.00	0.00003	80.00	40.00	0.00003
90.00	40.00	0.00003	100.00	40.00	0.00003
-100.00	50.00	0.00009	-90.00	50.00	0.00008
-80.00	50.00	0.00008	-70.00	50.00	0.00007
-60.00	50.00	0.00007	-50.00	50.00	0.00006
-40.00	50.00	0.00006	-30.00	50.00	0.00005
-25.00	50.00	0.00005	-20.00	50.00	0.00005
-17.00	50.00	0.00005	-15.00	50.00	0.00005
-13.00	50.00	0.00005	-11.00	50.00	0.00005
-9.00	50.00	0.00005	9.00	50.00	0.00004
11.00	50.00	0.00004	13.00	50.00	0.00004
15.00	50.00	0.00004	17.00	50.00	0.00004
20.00	50.00	0.00004	25.00	50.00	0.00004
30.00	50.00	0.00004	40.00	50.00	0.00003
50.00	50.00	0.00003	60.00	50.00	0.00003
70.00	50.00	0.00003	80.00	50.00	0.00003
90.00	50.00	0.00003	100.00	50.00	0.00003
-100.00	60.00	0.00008	-90.00	60.00	0.00007
-80.00	60.00	0.00007	-70.00	60.00	0.00007
-60.00	60.00	0.00006	-50.00	60.00	0.00006
-40.00	60.00	0.00005	-30.00	60.00	0.00005
-25.00	60.00	0.00005	-20.00	60.00	0.00005
-17.00	60.00	0.00005	-15.00	60.00	0.00005
-13.00	60.00	0.00005	-11.00	60.00	0.00004
-9.00	60.00	0.00004	9.00	60.00	0.00004
11.00	60.00	0.00004	13.00	60.00	0.00004
15.00	60.00	0.00004	17.00	60.00	0.00004
20.00	60.00	0.00004	25.00	60.00	0.00003
30.00	60.00	0.00003	40.00	60.00	0.00003
50.00	60.00	0.00003	60.00	60.00	0.00003
70.00	60.00	0.00003	80.00	60.00	0.00003
90.00	60.00	0.00003	100.00	60.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00007	-90.00	70.00	0.00007

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00006	-70.00	70.00	0.00006
-60.00	70.00	0.00005	-50.00	70.00	0.00005
-40.00	70.00	0.00005	-30.00	70.00	0.00005
-25.00	70.00	0.00004	-20.00	70.00	0.00004
-17.00	70.00	0.00004	-15.00	70.00	0.00004
-13.00	70.00	0.00004	-11.00	70.00	0.00004
-9.00	70.00	0.00004	9.00	70.00	0.00004
11.00	70.00	0.00004	13.00	70.00	0.00003
15.00	70.00	0.00003	17.00	70.00	0.00003
20.00	70.00	0.00003	25.00	70.00	0.00003
30.00	70.00	0.00003	40.00	70.00	0.00003
50.00	70.00	0.00003	60.00	70.00	0.00003
70.00	70.00	0.00003	80.00	70.00	0.00003
90.00	70.00	0.00003	100.00	70.00	0.00003
-100.00	80.00	0.00006	-90.00	80.00	0.00006
-80.00	80.00	0.00006	-70.00	80.00	0.00005
-60.00	80.00	0.00005	-50.00	80.00	0.00005
-40.00	80.00	0.00004	-30.00	80.00	0.00004
-25.00	80.00	0.00004	-20.00	80.00	0.00004
-17.00	80.00	0.00004	-15.00	80.00	0.00004
-13.00	80.00	0.00004	-11.00	80.00	0.00004
-9.00	80.00	0.00004	9.00	80.00	0.00003
11.00	80.00	0.00003	13.00	80.00	0.00003
15.00	80.00	0.00003	17.00	80.00	0.00003
20.00	80.00	0.00003	25.00	80.00	0.00003
30.00	80.00	0.00003	40.00	80.00	0.00003
50.00	80.00	0.00003	60.00	80.00	0.00003
70.00	80.00	0.00002	80.00	80.00	0.00002
90.00	80.00	0.00002	100.00	80.00	0.00002
-100.00	90.00	0.00006	-90.00	90.00	0.00006
-80.00	90.00	0.00005	-70.00	90.00	0.00005
-60.00	90.00	0.00005	-50.00	90.00	0.00004
-40.00	90.00	0.00004	-30.00	90.00	0.00004
-25.00	90.00	0.00004	-20.00	90.00	0.00004
-17.00	90.00	0.00004	-15.00	90.00	0.00004
-13.00	90.00	0.00004	-11.00	90.00	0.00004
-9.00	90.00	0.00003	9.00	90.00	0.00003
11.00	90.00	0.00003	13.00	90.00	0.00003
15.00	90.00	0.00003	17.00	90.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00003	25.00	90.00	0.00003
30.00	90.00	0.00003	40.00	90.00	0.00003
50.00	90.00	0.00002	60.00	90.00	0.00002
70.00	90.00	0.00002	80.00	90.00	0.00002
90.00	90.00	0.00002	100.00	90.00	0.00002
-100.00	100.00	0.00005	-90.00	100.00	0.00005
-80.00	100.00	0.00005	-70.00	100.00	0.00004
-60.00	100.00	0.00004	-50.00	100.00	0.00004
-40.00	100.00	0.00004	-30.00	100.00	0.00004
-25.00	100.00	0.00004	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00003	-11.00	100.00	0.00003
-9.00	100.00	0.00003	9.00	100.00	0.00003
11.00	100.00	0.00003	13.00	100.00	0.00003
15.00	100.00	0.00003	17.00	100.00	0.00003
20.00	100.00	0.00003	25.00	100.00	0.00003
30.00	100.00	0.00003	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00002
70.00	100.00	0.00002	80.00	100.00	0.00002
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00005	-90.00	110.00	0.00005
-80.00	110.00	0.00004	-70.00	110.00	0.00004
-60.00	110.00	0.00004	-50.00	110.00	0.00004
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00003	-20.00	110.00	0.00003
-17.00	110.00	0.00003	-15.00	110.00	0.00003
-13.00	110.00	0.00003	-11.00	110.00	0.00003
-9.00	110.00	0.00003	9.00	110.00	0.00003
11.00	110.00	0.00003	13.00	110.00	0.00003
15.00	110.00	0.00003	17.00	110.00	0.00003
20.00	110.00	0.00003	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00005	-90.00	120.00	0.00004
-80.00	120.00	0.00004	-70.00	120.00	0.00004
-60.00	120.00	0.00004	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00003

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00003 -20.00 120.00 0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00003	-15.00	120.00	0.00003
-13.00	120.00	0.00003	-11.00	120.00	0.00003
-9.00	120.00	0.00003	9.00	120.00	0.00003
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00004	-90.00	130.00	0.00004
-80.00	130.00	0.00004	-70.00	130.00	0.00004
-60.00	130.00	0.00003	-50.00	130.00	0.00003
-40.00	130.00	0.00003	-30.00	130.00	0.00003
-25.00	130.00	0.00003	-20.00	130.00	0.00003
-17.00	130.00	0.00003	-15.00	130.00	0.00003
-13.00	130.00	0.00003	-11.00	130.00	0.00003
-9.00	130.00	0.00003	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00004	-90.00	140.00	0.00004
-80.00	140.00	0.00003	-70.00	140.00	0.00003
-60.00	140.00	0.00003	-50.00	140.00	0.00003
-40.00	140.00	0.00003	-30.00	140.00	0.00003
-25.00	140.00	0.00003	-20.00	140.00	0.00003
-17.00	140.00	0.00003	-15.00	140.00	0.00003
-13.00	140.00	0.00003	-11.00	140.00	0.00003
-9.00	140.00	0.00002	9.00	140.00	0.00002

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00002	60.00	140.00	0.00002
70.00	140.00	0.00002	80.00	140.00	0.00002
90.00	140.00	0.00002	100.00	140.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S) :            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00004	-90.00	150.00	0.00003
-80.00	150.00	0.00003	-70.00	150.00	0.00003
-60.00	150.00	0.00003	-50.00	150.00	0.00003
-40.00	150.00	0.00003	-30.00	150.00	0.00003
-25.00	150.00	0.00003	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00002
30.00	150.00	0.00002	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00003	-90.00	160.00	0.00003
-80.00	160.00	0.00003	-70.00	160.00	0.00003
-60.00	160.00	0.00003	-50.00	160.00	0.00003
-40.00	160.00	0.00003	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00002
30.00	160.00	0.00002	40.00	160.00	0.00002



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00002	60.00	160.00	0.00002
70.00	160.00	0.00002	80.00	160.00	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-100.00	170.00	0.00003	-90.00	170.00	0.00003
-80.00	170.00	0.00003	-70.00	170.00	0.00003
-60.00	170.00	0.00003	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00002	9.00	170.00	0.00002
11.00	170.00	0.00002	13.00	170.00	0.00002
15.00	170.00	0.00002	17.00	170.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00002	25.00	170.00	0.00002
30.00	170.00	0.00002	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00001
70.00	170.00	0.00001	80.00	170.00	0.00001
90.00	170.00	0.00001	100.00	170.00	0.00001
-100.00	180.00	0.00003	-90.00	180.00	0.00003
-80.00	180.00	0.00003	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00002
-17.00	180.00	0.00002	-15.00	180.00	0.00002
-13.00	180.00	0.00002	-11.00	180.00	0.00002
-9.00	180.00	0.00002	9.00	180.00	0.00002
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00002
50.00	180.00	0.00001	60.00	180.00	0.00001
70.00	180.00	0.00001	80.00	180.00	0.00001
90.00	180.00	0.00001	100.00	180.00	0.00001
-100.00	190.00	0.00003	-90.00	190.00	0.00003

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00002
-25.00	190.00	0.00002	-20.00	190.00	0.00002
-17.00	190.00	0.00002	-15.00	190.00	0.00002
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00001
90.00	190.00	0.00001	100.00	190.00	0.00001
-100.00	200.00	0.00003	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00002	-30.00	200.00	0.00002
-25.00	200.00	0.00002	-20.00	200.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00002
-9.00	200.00	0.00002	9.00	200.00	0.00002
11.00	200.00	0.00002	13.00	200.00	0.00002
15.00	200.00	0.00002	17.00	200.00	0.00002
20.00	200.00	0.00002	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00002	-15.00	210.00	0.00002
-13.00	210.00	0.00002	-11.00	210.00	0.00002
-9.00	210.00	0.00002	9.00	210.00	0.00002
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00002	-90.00	220.00	0.00002
-80.00	220.00	0.00002	-70.00	220.00	0.00002
-60.00	220.00	0.00002	-50.00	220.00	0.00002
-40.00	220.00	0.00002	-30.00	220.00	0.00002
-25.00	220.00	0.00002	-20.00	220.00	0.00002
-17.00	220.00	0.00002	-15.00	220.00	0.00002
-13.00	220.00	0.00002	-11.00	220.00	0.00002
-9.00	220.00	0.00002	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00002
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002
-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:11:25 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00062	-90.00	-250.00	0.00068
-80.00	-250.00	0.00074	-70.00	-250.00	0.00081
-60.00	-250.00	0.00090	-50.00	-250.00	0.00099
-40.00	-250.00	0.00111	-30.00	-250.00	0.00126
-25.00	-250.00	0.00136	-20.00	-250.00	0.00149
-17.00	-250.00	0.00158	-15.00	-250.00	0.00164
-13.00	-250.00	0.00172	-11.00	-250.00	0.00181
-9.00	-250.00	0.00191	9.00	-250.00	0.00348
11.00	-250.00	0.00367	13.00	-250.00	0.00387
15.00	-250.00	0.00407	17.00	-250.00	0.00427
20.00	-250.00	0.00454	25.00	-250.00	0.00490
30.00	-250.00	0.00514	40.00	-250.00	0.00526
50.00	-250.00	0.00510	60.00	-250.00	0.00480
70.00	-250.00	0.00447	80.00	-250.00	0.00415
90.00	-250.00	0.00385	100.00	-250.00	0.00357
-100.00	-240.00	0.00066	-90.00	-240.00	0.00073
-80.00	-240.00	0.00080	-70.00	-240.00	0.00088
-60.00	-240.00	0.00098	-50.00	-240.00	0.00110
-40.00	-240.00	0.00123	-30.00	-240.00	0.00141
-25.00	-240.00	0.00151	-20.00	-240.00	0.00165
-17.00	-240.00	0.00175	-15.00	-240.00	0.00182
-13.00	-240.00	0.00191	-11.00	-240.00	0.00202
-9.00	-240.00	0.00214	9.00	-240.00	0.00465
11.00	-240.00	0.00499	13.00	-240.00	0.00532
15.00	-240.00	0.00561	17.00	-240.00	0.00586
20.00	-240.00	0.00615	25.00	-240.00	0.00643
30.00	-240.00	0.00649	40.00	-240.00	0.00624
50.00	-240.00	0.00579	60.00	-240.00	0.00531
70.00	-240.00	0.00485	80.00	-240.00	0.00444
90.00	-240.00	0.00408	100.00	-240.00	0.00375
-100.00	-230.00	0.00071	-90.00	-230.00	0.00078
-80.00	-230.00	0.00086	-70.00	-230.00	0.00096

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00107	-50.00	-230.00	0.00120
-40.00	-230.00	0.00136	-30.00	-230.00	0.00157
-25.00	-230.00	0.00169	-20.00	-230.00	0.00185
-17.00	-230.00	0.00196	-15.00	-230.00	0.00205
-13.00	-230.00	0.00215	-11.00	-230.00	0.00227
-9.00	-230.00	0.00243	9.00	-230.00	0.00712
11.00	-230.00	0.00748	13.00	-230.00	0.00772
15.00	-230.00	0.00788	17.00	-230.00	0.00798

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00803	25.00	-230.00	0.00793
30.00	-230.00	0.00769	40.00	-230.00	0.00704
50.00	-230.00	0.00635	60.00	-230.00	0.00571
70.00	-230.00	0.00516	80.00	-230.00	0.00467
90.00	-230.00	0.00426	100.00	-230.00	0.00390
-100.00	-220.00	0.00076	-90.00	-220.00	0.00084
-80.00	-220.00	0.00093	-70.00	-220.00	0.00105
-60.00	-220.00	0.00118	-50.00	-220.00	0.00134
-40.00	-220.00	0.00154	-30.00	-220.00	0.00179
-25.00	-220.00	0.00195	-20.00	-220.00	0.00215
-17.00	-220.00	0.00231	-15.00	-220.00	0.00243
-13.00	-220.00	0.00257	-11.00	-220.00	0.00276
-9.00	-220.00	0.00301	9.00	-220.00	0.00910
11.00	-220.00	0.00917	13.00	-220.00	0.00922
15.00	-220.00	0.00923	17.00	-220.00	0.00921
20.00	-220.00	0.00911	25.00	-220.00	0.00881
30.00	-220.00	0.00841	40.00	-220.00	0.00755
50.00	-220.00	0.00672	60.00	-220.00	0.00600
70.00	-220.00	0.00538	80.00	-220.00	0.00485
90.00	-220.00	0.00440	100.00	-220.00	0.00402
-100.00	-210.00	0.00082	-90.00	-210.00	0.00091
-80.00	-210.00	0.00102	-70.00	-210.00	0.00115
-60.00	-210.00	0.00132	-50.00	-210.00	0.00152
-40.00	-210.00	0.00178	-30.00	-210.00	0.00212
-25.00	-210.00	0.00233	-20.00	-210.00	0.00260
-17.00	-210.00	0.00281	-15.00	-210.00	0.00297

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00316	-11.00	-210.00	0.00338
-9.00	-210.00	0.00365	9.00	-210.00	0.00936
11.00	-210.00	0.00945	13.00	-210.00	0.00951
15.00	-210.00	0.00954	17.00	-210.00	0.00952
20.00	-210.00	0.00943	25.00	-210.00	0.00913
30.00	-210.00	0.00872	40.00	-210.00	0.00782
50.00	-210.00	0.00694	60.00	-210.00	0.00618
70.00	-210.00	0.00553	80.00	-210.00	0.00497
90.00	-210.00	0.00451	100.00	-210.00	0.00411
-100.00	-200.00	0.00089	-90.00	-200.00	0.00099
-80.00	-200.00	0.00112	-70.00	-200.00	0.00128
-60.00	-200.00	0.00147	-50.00	-200.00	0.00171
-40.00	-200.00	0.00202	-30.00	-200.00	0.00243
-25.00	-200.00	0.00268	-20.00	-200.00	0.00299

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00321	-15.00	-200.00	0.00338
-13.00	-200.00	0.00355	-11.00	-200.00	0.00376
-9.00	-200.00	0.00400	9.00	-200.00	0.00950
11.00	-200.00	0.00958	13.00	-200.00	0.00965
15.00	-200.00	0.00967	17.00	-200.00	0.00966
20.00	-200.00	0.00956	25.00	-200.00	0.00926
30.00	-200.00	0.00885	40.00	-200.00	0.00794
50.00	-200.00	0.00706	60.00	-200.00	0.00629
70.00	-200.00	0.00562	80.00	-200.00	0.00506
90.00	-200.00	0.00458	100.00	-200.00	0.00417
-100.00	-190.00	0.00096	-90.00	-190.00	0.00108
-80.00	-190.00	0.00122	-70.00	-190.00	0.00140
-60.00	-190.00	0.00162	-50.00	-190.00	0.00189
-40.00	-190.00	0.00224	-30.00	-190.00	0.00269
-25.00	-190.00	0.00296	-20.00	-190.00	0.00327
-17.00	-190.00	0.00347	-15.00	-190.00	0.00362
-13.00	-190.00	0.00379	-11.00	-190.00	0.00397
-9.00	-190.00	0.00418	9.00	-190.00	0.00959
11.00	-190.00	0.00967	13.00	-190.00	0.00973
15.00	-190.00	0.00976	17.00	-190.00	0.00974

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00964	25.00	-190.00	0.00933
30.00	-190.00	0.00892	40.00	-190.00	0.00801
50.00	-190.00	0.00713	60.00	-190.00	0.00635
70.00	-190.00	0.00568	80.00	-190.00	0.00511
90.00	-190.00	0.00462	100.00	-190.00	0.00421
-100.00	-180.00	0.00102	-90.00	-180.00	0.00116
-80.00	-180.00	0.00131	-70.00	-180.00	0.00151
-60.00	-180.00	0.00175	-50.00	-180.00	0.00205
-40.00	-180.00	0.00242	-30.00	-180.00	0.00288
-25.00	-180.00	0.00315	-20.00	-180.00	0.00344
-17.00	-180.00	0.00363	-15.00	-180.00	0.00377
-13.00	-180.00	0.00393	-11.00	-180.00	0.00410
-9.00	-180.00	0.00430	9.00	-180.00	0.00965
11.00	-180.00	0.00973	13.00	-180.00	0.00979
15.00	-180.00	0.00981	17.00	-180.00	0.00979
20.00	-180.00	0.00969	25.00	-180.00	0.00939
30.00	-180.00	0.00897	40.00	-180.00	0.00805
50.00	-180.00	0.00716	60.00	-180.00	0.00638
70.00	-180.00	0.00571	80.00	-180.00	0.00514
90.00	-180.00	0.00465	100.00	-180.00	0.00424

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00109	-90.00	-170.00	0.00123
-80.00	-170.00	0.00140	-70.00	-170.00	0.00161
-60.00	-170.00	0.00186	-50.00	-170.00	0.00217
-40.00	-170.00	0.00256	-30.00	-170.00	0.00302
-25.00	-170.00	0.00328	-20.00	-170.00	0.00355
-17.00	-170.00	0.00374	-15.00	-170.00	0.00387
-13.00	-170.00	0.00402	-11.00	-170.00	0.00418
-9.00	-170.00	0.00438	9.00	-170.00	0.00969
11.00	-170.00	0.00977	13.00	-170.00	0.00983
15.00	-170.00	0.00985	17.00	-170.00	0.00983
20.00	-170.00	0.00973	25.00	-170.00	0.00942
30.00	-170.00	0.00901	40.00	-170.00	0.00808
50.00	-170.00	0.00719	60.00	-170.00	0.00640
70.00	-170.00	0.00573	80.00	-170.00	0.00516



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00467	100.00	-170.00	0.00426
-100.00	-160.00	0.00115	-90.00	-160.00	0.00130
-80.00	-160.00	0.00148	-70.00	-160.00	0.00169
-60.00	-160.00	0.00196	-50.00	-160.00	0.00228
-40.00	-160.00	0.00267	-30.00	-160.00	0.00311
-25.00	-160.00	0.00336	-20.00	-160.00	0.00363
-17.00	-160.00	0.00381	-15.00	-160.00	0.00394
-13.00	-160.00	0.00408	-11.00	-160.00	0.00424
-9.00	-160.00	0.00443	9.00	-160.00	0.00972
11.00	-160.00	0.00980	13.00	-160.00	0.00986
15.00	-160.00	0.00988	17.00	-160.00	0.00986
20.00	-160.00	0.00976	25.00	-160.00	0.00945
30.00	-160.00	0.00903	40.00	-160.00	0.00810
50.00	-160.00	0.00720	60.00	-160.00	0.00642
70.00	-160.00	0.00574	80.00	-160.00	0.00517
90.00	-160.00	0.00468	100.00	-160.00	0.00426
-100.00	-150.00	0.00120	-90.00	-150.00	0.00136
-80.00	-150.00	0.00154	-70.00	-150.00	0.00177
-60.00	-150.00	0.00204	-50.00	-150.00	0.00236
-40.00	-150.00	0.00274	-30.00	-150.00	0.00318
-25.00	-150.00	0.00342	-20.00	-150.00	0.00369
-17.00	-150.00	0.00386	-15.00	-150.00	0.00398
-13.00	-150.00	0.00412	-11.00	-150.00	0.00428
-9.00	-150.00	0.00447	9.00	-150.00	0.00975
11.00	-150.00	0.00983	13.00	-150.00	0.00988
15.00	-150.00	0.00990	17.00	-150.00	0.00988

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00978	25.00	-150.00	0.00947
30.00	-150.00	0.00905	40.00	-150.00	0.00811
50.00	-150.00	0.00722	60.00	-150.00	0.00643
70.00	-150.00	0.00575	80.00	-150.00	0.00518
90.00	-150.00	0.00469	100.00	-150.00	0.00427
-100.00	-140.00	0.00125	-90.00	-140.00	0.00141
-80.00	-140.00	0.00160	-70.00	-140.00	0.00183
-60.00	-140.00	0.00210	-50.00	-140.00	0.00243

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00280	-30.00	-140.00	0.00323
-25.00	-140.00	0.00347	-20.00	-140.00	0.00372
-17.00	-140.00	0.00389	-15.00	-140.00	0.00401
-13.00	-140.00	0.00415	-11.00	-140.00	0.00431
-9.00	-140.00	0.00451	9.00	-140.00	0.00977
11.00	-140.00	0.00985	13.00	-140.00	0.00989
15.00	-140.00	0.00991	17.00	-140.00	0.00989
20.00	-140.00	0.00979	25.00	-140.00	0.00948
30.00	-140.00	0.00906	40.00	-140.00	0.00812
50.00	-140.00	0.00722	60.00	-140.00	0.00643
70.00	-140.00	0.00575	80.00	-140.00	0.00518
90.00	-140.00	0.00469	100.00	-140.00	0.00427
-100.00	-130.00	0.00129	-90.00	-130.00	0.00145
-80.00	-130.00	0.00165	-70.00	-130.00	0.00188
-60.00	-130.00	0.00215	-50.00	-130.00	0.00247
-40.00	-130.00	0.00284	-30.00	-130.00	0.00327
-25.00	-130.00	0.00350	-20.00	-130.00	0.00375
-17.00	-130.00	0.00392	-15.00	-130.00	0.00404
-13.00	-130.00	0.00417	-11.00	-130.00	0.00433
-9.00	-130.00	0.00453	9.00	-130.00	0.00977
11.00	-130.00	0.00985	13.00	-130.00	0.00990
15.00	-130.00	0.00992	17.00	-130.00	0.00990
20.00	-130.00	0.00980	25.00	-130.00	0.00948
30.00	-130.00	0.00906	40.00	-130.00	0.00813
50.00	-130.00	0.00723	60.00	-130.00	0.00643
70.00	-130.00	0.00575	80.00	-130.00	0.00518
90.00	-130.00	0.00468	100.00	-130.00	0.00426
-100.00	-120.00	0.00133	-90.00	-120.00	0.00149
-80.00	-120.00	0.00169	-70.00	-120.00	0.00192
-60.00	-120.00	0.00219	-50.00	-120.00	0.00251
-40.00	-120.00	0.00288	-30.00	-120.00	0.00329
-25.00	-120.00	0.00352	-20.00	-120.00	0.00377

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00394	-15.00	-120.00	0.00406
-13.00	-120.00	0.00419	-11.00	-120.00	0.00435

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00454	9.00	-120.00	0.00978
11.00	-120.00	0.00985	13.00	-120.00	0.00991
15.00	-120.00	0.00992	17.00	-120.00	0.00990
20.00	-120.00	0.00980	25.00	-120.00	0.00948
30.00	-120.00	0.00906	40.00	-120.00	0.00813
50.00	-120.00	0.00723	60.00	-120.00	0.00643
70.00	-120.00	0.00575	80.00	-120.00	0.00517
90.00	-120.00	0.00468	100.00	-120.00	0.00425
-100.00	-110.00	0.00136	-90.00	-110.00	0.00153
-80.00	-110.00	0.00172	-70.00	-110.00	0.00196
-60.00	-110.00	0.00223	-50.00	-110.00	0.00254
-40.00	-110.00	0.00290	-30.00	-110.00	0.00331
-25.00	-110.00	0.00354	-20.00	-110.00	0.00378
-17.00	-110.00	0.00395	-15.00	-110.00	0.00407
-13.00	-110.00	0.00420	-11.00	-110.00	0.00435
-9.00	-110.00	0.00455	9.00	-110.00	0.00978
11.00	-110.00	0.00985	13.00	-110.00	0.00991
15.00	-110.00	0.00993	17.00	-110.00	0.00990
20.00	-110.00	0.00980	25.00	-110.00	0.00948
30.00	-110.00	0.00906	40.00	-110.00	0.00813
50.00	-110.00	0.00722	60.00	-110.00	0.00643
70.00	-110.00	0.00575	80.00	-110.00	0.00516
90.00	-110.00	0.00467	100.00	-110.00	0.00425
-100.00	-100.00	0.00138	-90.00	-100.00	0.00155
-80.00	-100.00	0.00175	-70.00	-100.00	0.00198
-60.00	-100.00	0.00225	-50.00	-100.00	0.00256
-40.00	-100.00	0.00292	-30.00	-100.00	0.00332
-25.00	-100.00	0.00355	-20.00	-100.00	0.00379
-17.00	-100.00	0.00396	-15.00	-100.00	0.00408
-13.00	-100.00	0.00421	-11.00	-100.00	0.00436
-9.00	-100.00	0.00455	9.00	-100.00	0.00978
11.00	-100.00	0.00985	13.00	-100.00	0.00991
15.00	-100.00	0.00992	17.00	-100.00	0.00990
20.00	-100.00	0.00979	25.00	-100.00	0.00948
30.00	-100.00	0.00906	40.00	-100.00	0.00812
50.00	-100.00	0.00722	60.00	-100.00	0.00642
70.00	-100.00	0.00574	80.00	-100.00	0.00516
90.00	-100.00	0.00466	100.00	-100.00	0.00423

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00141	-90.00	-90.00	0.00158
-80.00	-90.00	0.00177	-70.00	-90.00	0.00200
-60.00	-90.00	0.00227	-50.00	-90.00	0.00258
-40.00	-90.00	0.00293	-30.00	-90.00	0.00333
-25.00	-90.00	0.00356	-20.00	-90.00	0.00380
-17.00	-90.00	0.00396	-15.00	-90.00	0.00408
-13.00	-90.00	0.00421	-11.00	-90.00	0.00436
-9.00	-90.00	0.00455	9.00	-90.00	0.00978
11.00	-90.00	0.00985	13.00	-90.00	0.00990
15.00	-90.00	0.00992	17.00	-90.00	0.00989
20.00	-90.00	0.00979	25.00	-90.00	0.00948
30.00	-90.00	0.00905	40.00	-90.00	0.00812
50.00	-90.00	0.00721	60.00	-90.00	0.00641
70.00	-90.00	0.00573	80.00	-90.00	0.00515
90.00	-90.00	0.00465	100.00	-90.00	0.00422
-100.00	-80.00	0.00143	-90.00	-80.00	0.00160
-80.00	-80.00	0.00179	-70.00	-80.00	0.00202
-60.00	-80.00	0.00228	-50.00	-80.00	0.00259
-40.00	-80.00	0.00294	-30.00	-80.00	0.00334
-25.00	-80.00	0.00356	-20.00	-80.00	0.00380
-17.00	-80.00	0.00396	-15.00	-80.00	0.00408
-13.00	-80.00	0.00421	-11.00	-80.00	0.00436
-9.00	-80.00	0.00455	9.00	-80.00	0.00977
11.00	-80.00	0.00984	13.00	-80.00	0.00990
15.00	-80.00	0.00991	17.00	-80.00	0.00989
20.00	-80.00	0.00978	25.00	-80.00	0.00947
30.00	-80.00	0.00905	40.00	-80.00	0.00810
50.00	-80.00	0.00720	60.00	-80.00	0.00640
70.00	-80.00	0.00572	80.00	-80.00	0.00513
90.00	-80.00	0.00463	100.00	-80.00	0.00421
-100.00	-70.00	0.00144	-90.00	-70.00	0.00161
-80.00	-70.00	0.00181	-70.00	-70.00	0.00203
-60.00	-70.00	0.00229	-50.00	-70.00	0.00260
-40.00	-70.00	0.00295	-30.00	-70.00	0.00334
-25.00	-70.00	0.00356	-20.00	-70.00	0.00380
-17.00	-70.00	0.00396	-15.00	-70.00	0.00408
-13.00	-70.00	0.00421	-11.00	-70.00	0.00436
-9.00	-70.00	0.00455	9.00	-70.00	0.00977
11.00	-70.00	0.00984	13.00	-70.00	0.00989
15.00	-70.00	0.00991	17.00	-70.00	0.00988

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00978	25.00	-70.00	0.00946
30.00	-70.00	0.00904	40.00	-70.00	0.00809
50.00	-70.00	0.00719	60.00	-70.00	0.00639
70.00	-70.00	0.00570	80.00	-70.00	0.00512
90.00	-70.00	0.00462	100.00	-70.00	0.00419
-100.00	-60.00	0.00146	-90.00	-60.00	0.00162
-80.00	-60.00	0.00182	-70.00	-60.00	0.00204
-60.00	-60.00	0.00230	-50.00	-60.00	0.00260
-40.00	-60.00	0.00295	-30.00	-60.00	0.00334
-25.00	-60.00	0.00356	-20.00	-60.00	0.00380
-17.00	-60.00	0.00396	-15.00	-60.00	0.00408
-13.00	-60.00	0.00421	-11.00	-60.00	0.00436
-9.00	-60.00	0.00455	9.00	-60.00	0.00976
11.00	-60.00	0.00983	13.00	-60.00	0.00988
15.00	-60.00	0.00990	17.00	-60.00	0.00987
20.00	-60.00	0.00977	25.00	-60.00	0.00945
30.00	-60.00	0.00902	40.00	-60.00	0.00808
50.00	-60.00	0.00717	60.00	-60.00	0.00637
70.00	-60.00	0.00569	80.00	-60.00	0.00510
90.00	-60.00	0.00460	100.00	-60.00	0.00417
-100.00	-50.00	0.00147	-90.00	-50.00	0.00163
-80.00	-50.00	0.00183	-70.00	-50.00	0.00205
-60.00	-50.00	0.00231	-50.00	-50.00	0.00261
-40.00	-50.00	0.00295	-30.00	-50.00	0.00334
-25.00	-50.00	0.00356	-20.00	-50.00	0.00380
-17.00	-50.00	0.00396	-15.00	-50.00	0.00407
-13.00	-50.00	0.00420	-11.00	-50.00	0.00436
-9.00	-50.00	0.00455	9.00	-50.00	0.00976
11.00	-50.00	0.00983	13.00	-50.00	0.00987
15.00	-50.00	0.00988	17.00	-50.00	0.00986
20.00	-50.00	0.00975	25.00	-50.00	0.00943
30.00	-50.00	0.00901	40.00	-50.00	0.00806
50.00	-50.00	0.00716	60.00	-50.00	0.00636
70.00	-50.00	0.00567	80.00	-50.00	0.00508

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00458	100.00	-50.00	0.00415
-100.00	-40.00	0.00147	-90.00	-40.00	0.00164
-80.00	-40.00	0.00183	-70.00	-40.00	0.00205
-60.00	-40.00	0.00231	-50.00	-40.00	0.00261
-40.00	-40.00	0.00295	-30.00	-40.00	0.00334
-25.00	-40.00	0.00355	-20.00	-40.00	0.00379

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00395	-15.00	-40.00	0.00407
-13.00	-40.00	0.00420	-11.00	-40.00	0.00435
-9.00	-40.00	0.00454	9.00	-40.00	0.00974
11.00	-40.00	0.00981	13.00	-40.00	0.00986
15.00	-40.00	0.00987	17.00	-40.00	0.00985
20.00	-40.00	0.00974	25.00	-40.00	0.00942
30.00	-40.00	0.00899	40.00	-40.00	0.00804
50.00	-40.00	0.00714	60.00	-40.00	0.00634
70.00	-40.00	0.00565	80.00	-40.00	0.00506
90.00	-40.00	0.00455	100.00	-40.00	0.00412
-100.00	-30.00	0.00148	-90.00	-30.00	0.00164
-80.00	-30.00	0.00183	-70.00	-30.00	0.00205
-60.00	-30.00	0.00231	-50.00	-30.00	0.00260
-40.00	-30.00	0.00294	-30.00	-30.00	0.00333
-25.00	-30.00	0.00355	-20.00	-30.00	0.00378
-17.00	-30.00	0.00394	-15.00	-30.00	0.00406
-13.00	-30.00	0.00419	-11.00	-30.00	0.00434
-9.00	-30.00	0.00453	9.00	-30.00	0.00972
11.00	-30.00	0.00979	13.00	-30.00	0.00984
15.00	-30.00	0.00985	17.00	-30.00	0.00983
20.00	-30.00	0.00972	25.00	-30.00	0.00939
30.00	-30.00	0.00897	40.00	-30.00	0.00802
50.00	-30.00	0.00712	60.00	-30.00	0.00631
70.00	-30.00	0.00562	80.00	-30.00	0.00503
90.00	-30.00	0.00453	100.00	-30.00	0.00409
-100.00	-20.00	0.00148	-90.00	-20.00	0.00165
-80.00	-20.00	0.00183	-70.00	-20.00	0.00205
-60.00	-20.00	0.00231	-50.00	-20.00	0.00260

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00294	-30.00	-20.00	0.00332
-25.00	-20.00	0.00354	-20.00	-20.00	0.00377
-17.00	-20.00	0.00393	-15.00	-20.00	0.00405
-13.00	-20.00	0.00417	-11.00	-20.00	0.00432
-9.00	-20.00	0.00451	9.00	-20.00	0.00970
11.00	-20.00	0.00977	13.00	-20.00	0.00982
15.00	-20.00	0.00984	17.00	-20.00	0.00981
20.00	-20.00	0.00970	25.00	-20.00	0.00937
30.00	-20.00	0.00895	40.00	-20.00	0.00800
50.00	-20.00	0.00709	60.00	-20.00	0.00629
70.00	-20.00	0.00560	80.00	-20.00	0.00500
90.00	-20.00	0.00450	100.00	-20.00	0.00406

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00148	-90.00	-10.00	0.00165
-80.00	-10.00	0.00183	-70.00	-10.00	0.00205
-60.00	-10.00	0.00230	-50.00	-10.00	0.00260
-40.00	-10.00	0.00293	-30.00	-10.00	0.00331
-25.00	-10.00	0.00353	-20.00	-10.00	0.00376
-17.00	-10.00	0.00392	-15.00	-10.00	0.00403
-13.00	-10.00	0.00416	-11.00	-10.00	0.00431
-9.00	-10.00	0.00449	9.00	-10.00	0.00968
11.00	-10.00	0.00975	13.00	-10.00	0.00980
15.00	-10.00	0.00981	17.00	-10.00	0.00978
20.00	-10.00	0.00967	25.00	-10.00	0.00935
30.00	-10.00	0.00893	40.00	-10.00	0.00798
50.00	-10.00	0.00707	60.00	-10.00	0.00626
70.00	-10.00	0.00557	80.00	-10.00	0.00497
90.00	-10.00	0.00446	100.00	-10.00	0.00402
-100.00	0.00	0.00148	-90.00	0.00	0.00164
-80.00	0.00	0.00183	-70.00	0.00	0.00205
-60.00	0.00	0.00230	-50.00	0.00	0.00259
-40.00	0.00	0.00292	-30.00	0.00	0.00330
-25.00	0.00	0.00352	-20.00	0.00	0.00375
-17.00	0.00	0.00390	-15.00	0.00	0.00402
-13.00	0.00	0.00415	-11.00	0.00	0.00429

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00448	9.00	0.00	0.00966
11.00	0.00	0.00973	13.00	0.00	0.00978
15.00	0.00	0.00979	17.00	0.00	0.00976
20.00	0.00	0.00965	25.00	0.00	0.00933
30.00	0.00	0.00890	40.00	0.00	0.00795
50.00	0.00	0.00703	60.00	0.00	0.00623
70.00	0.00	0.00553	80.00	0.00	0.00494
90.00	0.00	0.00443	100.00	0.00	0.00398
-100.00	10.00	0.00148	-90.00	10.00	0.00164
-80.00	10.00	0.00183	-70.00	10.00	0.00204
-60.00	10.00	0.00229	-50.00	10.00	0.00258
-40.00	10.00	0.00291	-30.00	10.00	0.00329
-25.00	10.00	0.00350	-20.00	10.00	0.00373
-17.00	10.00	0.00389	-15.00	10.00	0.00400
-13.00	10.00	0.00413	-11.00	10.00	0.00428
-9.00	10.00	0.00446	9.00	10.00	0.00963
11.00	10.00	0.00970	13.00	10.00	0.00975
15.00	10.00	0.00976	17.00	10.00	0.00973

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00962	25.00	10.00	0.00930
30.00	10.00	0.00887	40.00	10.00	0.00792
50.00	10.00	0.00700	60.00	10.00	0.00619
70.00	10.00	0.00549	80.00	10.00	0.00490
90.00	10.00	0.00438	100.00	10.00	0.00394
-100.00	20.00	0.00148	-90.00	20.00	0.00164
-80.00	20.00	0.00182	-70.00	20.00	0.00203
-60.00	20.00	0.00228	-50.00	20.00	0.00257
-40.00	20.00	0.00290	-30.00	20.00	0.00328
-25.00	20.00	0.00349	-20.00	20.00	0.00372
-17.00	20.00	0.00387	-15.00	20.00	0.00398
-13.00	20.00	0.00411	-11.00	20.00	0.00425
-9.00	20.00	0.00444	9.00	20.00	0.00961
11.00	20.00	0.00967	13.00	20.00	0.00972
15.00	20.00	0.00974	17.00	20.00	0.00971
20.00	20.00	0.00959	25.00	20.00	0.00926



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00884	40.00	20.00	0.00788
50.00	20.00	0.00696	60.00	20.00	0.00615
70.00	20.00	0.00545	80.00	20.00	0.00485
90.00	20.00	0.00433	100.00	20.00	0.00389
-100.00	30.00	0.00147	-90.00	30.00	0.00163
-80.00	30.00	0.00181	-70.00	30.00	0.00202
-60.00	30.00	0.00227	-50.00	30.00	0.00256
-40.00	30.00	0.00289	-30.00	30.00	0.00326
-25.00	30.00	0.00347	-20.00	30.00	0.00370
-17.00	30.00	0.00385	-15.00	30.00	0.00396
-13.00	30.00	0.00409	-11.00	30.00	0.00423
-9.00	30.00	0.00441	9.00	30.00	0.00958
11.00	30.00	0.00965	13.00	30.00	0.00969
15.00	30.00	0.00970	17.00	30.00	0.00967
20.00	30.00	0.00956	25.00	30.00	0.00923
30.00	30.00	0.00880	40.00	30.00	0.00784
50.00	30.00	0.00692	60.00	30.00	0.00611
70.00	30.00	0.00540	80.00	30.00	0.00480
90.00	30.00	0.00428	100.00	30.00	0.00383
-100.00	40.00	0.00147	-90.00	40.00	0.00162
-80.00	40.00	0.00180	-70.00	40.00	0.00201
-60.00	40.00	0.00226	-50.00	40.00	0.00254
-40.00	40.00	0.00287	-30.00	40.00	0.00324
-25.00	40.00	0.00345	-20.00	40.00	0.00368

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00383	-15.00	40.00	0.00394
-13.00	40.00	0.00406	-11.00	40.00	0.00421
-9.00	40.00	0.00440	9.00	40.00	0.00956
11.00	40.00	0.00962	13.00	40.00	0.00965
15.00	40.00	0.00966	17.00	40.00	0.00963
20.00	40.00	0.00952	25.00	40.00	0.00919
30.00	40.00	0.00876	40.00	40.00	0.00779
50.00	40.00	0.00687	60.00	40.00	0.00606
70.00	40.00	0.00535	80.00	40.00	0.00474
90.00	40.00	0.00422	100.00	40.00	0.00376

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00146	-90.00	50.00	0.00161
-80.00	50.00	0.00179	-70.00	50.00	0.00200
-60.00	50.00	0.00225	-50.00	50.00	0.00253
-40.00	50.00	0.00285	-30.00	50.00	0.00322
-25.00	50.00	0.00343	-20.00	50.00	0.00365
-17.00	50.00	0.00380	-15.00	50.00	0.00391
-13.00	50.00	0.00404	-11.00	50.00	0.00418
-9.00	50.00	0.00437	9.00	50.00	0.00951
11.00	50.00	0.00957	13.00	50.00	0.00962
15.00	50.00	0.00962	17.00	50.00	0.00959
20.00	50.00	0.00948	25.00	50.00	0.00914
30.00	50.00	0.00870	40.00	50.00	0.00774
50.00	50.00	0.00682	60.00	50.00	0.00600
70.00	50.00	0.00529	80.00	50.00	0.00467
90.00	50.00	0.00415	100.00	50.00	0.00369
-100.00	60.00	0.00145	-90.00	60.00	0.00160
-80.00	60.00	0.00178	-70.00	60.00	0.00199
-60.00	60.00	0.00223	-50.00	60.00	0.00251
-40.00	60.00	0.00283	-30.00	60.00	0.00320
-25.00	60.00	0.00340	-20.00	60.00	0.00363
-17.00	60.00	0.00378	-15.00	60.00	0.00388
-13.00	60.00	0.00401	-11.00	60.00	0.00415
-9.00	60.00	0.00433	9.00	60.00	0.00946
11.00	60.00	0.00952	13.00	60.00	0.00957
15.00	60.00	0.00957	17.00	60.00	0.00954
20.00	60.00	0.00943	25.00	60.00	0.00909
30.00	60.00	0.00865	40.00	60.00	0.00769
50.00	60.00	0.00676	60.00	60.00	0.00593
70.00	60.00	0.00521	80.00	60.00	0.00460
90.00	60.00	0.00407	100.00	60.00	0.00361

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00144	-90.00	70.00	0.00159
-80.00	70.00	0.00176	-70.00	70.00	0.00197
-60.00	70.00	0.00221	-50.00	70.00	0.00249
-40.00	70.00	0.00281	-30.00	70.00	0.00318

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00338	-20.00	70.00	0.00360
-17.00	70.00	0.00374	-15.00	70.00	0.00385
-13.00	70.00	0.00397	-11.00	70.00	0.00411
-9.00	70.00	0.00429	9.00	70.00	0.00941
11.00	70.00	0.00947	13.00	70.00	0.00951
15.00	70.00	0.00952	17.00	70.00	0.00949
20.00	70.00	0.00937	25.00	70.00	0.00903
30.00	70.00	0.00859	40.00	70.00	0.00762
50.00	70.00	0.00669	60.00	70.00	0.00586
70.00	70.00	0.00513	80.00	70.00	0.00451
90.00	70.00	0.00397	100.00	70.00	0.00351
-100.00	80.00	0.00143	-90.00	80.00	0.00158
-80.00	80.00	0.00175	-70.00	80.00	0.00195
-60.00	80.00	0.00219	-50.00	80.00	0.00247
-40.00	80.00	0.00279	-30.00	80.00	0.00315
-25.00	80.00	0.00335	-20.00	80.00	0.00356
-17.00	80.00	0.00371	-15.00	80.00	0.00381
-13.00	80.00	0.00393	-11.00	80.00	0.00407
-9.00	80.00	0.00425	9.00	80.00	0.00935
11.00	80.00	0.00941	13.00	80.00	0.00946
15.00	80.00	0.00946	17.00	80.00	0.00942
20.00	80.00	0.00930	25.00	80.00	0.00897
30.00	80.00	0.00853	40.00	80.00	0.00755
50.00	80.00	0.00661	60.00	80.00	0.00577
70.00	80.00	0.00504	80.00	80.00	0.00441
90.00	80.00	0.00387	100.00	80.00	0.00340
-100.00	90.00	0.00141	-90.00	90.00	0.00156
-80.00	90.00	0.00173	-70.00	90.00	0.00193
-60.00	90.00	0.00217	-50.00	90.00	0.00244
-40.00	90.00	0.00276	-30.00	90.00	0.00312
-25.00	90.00	0.00331	-20.00	90.00	0.00353
-17.00	90.00	0.00367	-15.00	90.00	0.00377
-13.00	90.00	0.00389	-11.00	90.00	0.00403
-9.00	90.00	0.00420	9.00	90.00	0.00929
11.00	90.00	0.00935	13.00	90.00	0.00938
15.00	90.00	0.00939	17.00	90.00	0.00935

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

04NCRA PL94-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00923	25.00	90.00	0.00889
30.00	90.00	0.00845	40.00	90.00	0.00746
50.00	90.00	0.00651	60.00	90.00	0.00566
70.00	90.00	0.00492	80.00	90.00	0.00429
90.00	90.00	0.00375	100.00	90.00	0.00328
-100.00	100.00	0.00140	-90.00	100.00	0.00154
-80.00	100.00	0.00171	-70.00	100.00	0.00191
-60.00	100.00	0.00214	-50.00	100.00	0.00242
-40.00	100.00	0.00273	-30.00	100.00	0.00308
-25.00	100.00	0.00328	-20.00	100.00	0.00348
-17.00	100.00	0.00362	-15.00	100.00	0.00373
-13.00	100.00	0.00384	-11.00	100.00	0.00398
-9.00	100.00	0.00415	9.00	100.00	0.00921
11.00	100.00	0.00927	13.00	100.00	0.00931
15.00	100.00	0.00931	17.00	100.00	0.00927
20.00	100.00	0.00915	25.00	100.00	0.00880
30.00	100.00	0.00836	40.00	100.00	0.00736
50.00	100.00	0.00640	60.00	100.00	0.00554
70.00	100.00	0.00479	80.00	100.00	0.00415
90.00	100.00	0.00361	100.00	100.00	0.00315
-100.00	110.00	0.00138	-90.00	110.00	0.00153
-80.00	110.00	0.00169	-70.00	110.00	0.00189
-60.00	110.00	0.00211	-50.00	110.00	0.00238
-40.00	110.00	0.00269	-30.00	110.00	0.00304
-25.00	110.00	0.00323	-20.00	110.00	0.00344
-17.00	110.00	0.00358	-15.00	110.00	0.00368
-13.00	110.00	0.00379	-11.00	110.00	0.00392
-9.00	110.00	0.00409	9.00	110.00	0.00913
11.00	110.00	0.00918	13.00	110.00	0.00921
15.00	110.00	0.00922	17.00	110.00	0.00918
20.00	110.00	0.00905	25.00	110.00	0.00870
30.00	110.00	0.00825	40.00	110.00	0.00724
50.00	110.00	0.00627	60.00	110.00	0.00539
70.00	110.00	0.00463	80.00	110.00	0.00399
90.00	110.00	0.00345	100.00	110.00	0.00299
-100.00	120.00	0.00137	-90.00	120.00	0.00151
-80.00	120.00	0.00167	-70.00	120.00	0.00186
-60.00	120.00	0.00208	-50.00	120.00	0.00235
-40.00	120.00	0.00265	-30.00	120.00	0.00300
-25.00	120.00	0.00319	-20.00	120.00	0.00339

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00352	-15.00	120.00	0.00362
-13.00	120.00	0.00373	-11.00	120.00	0.00386
-9.00	120.00	0.00402	9.00	120.00	0.00903
11.00	120.00	0.00908	13.00	120.00	0.00911
15.00	120.00	0.00911	17.00	120.00	0.00906
20.00	120.00	0.00893	25.00	120.00	0.00858
30.00	120.00	0.00812	40.00	120.00	0.00709
50.00	120.00	0.00610	60.00	120.00	0.00521
70.00	120.00	0.00445	80.00	120.00	0.00380
90.00	120.00	0.00327	100.00	120.00	0.00282
-100.00	130.00	0.00135	-90.00	130.00	0.00149
-80.00	130.00	0.00165	-70.00	130.00	0.00183
-60.00	130.00	0.00205	-50.00	130.00	0.00231
-40.00	130.00	0.00261	-30.00	130.00	0.00295
-25.00	130.00	0.00313	-20.00	130.00	0.00333
-17.00	130.00	0.00346	-15.00	130.00	0.00355
-13.00	130.00	0.00366	-11.00	130.00	0.00379
-9.00	130.00	0.00395	9.00	130.00	0.00892
11.00	130.00	0.00896	13.00	130.00	0.00898
15.00	130.00	0.00897	17.00	130.00	0.00893
20.00	130.00	0.00879	25.00	130.00	0.00843
30.00	130.00	0.00796	40.00	130.00	0.00691
50.00	130.00	0.00590	60.00	130.00	0.00500
70.00	130.00	0.00423	80.00	130.00	0.00359
90.00	130.00	0.00306	100.00	130.00	0.00262
-100.00	140.00	0.00132	-90.00	140.00	0.00146
-80.00	140.00	0.00162	-70.00	140.00	0.00180
-60.00	140.00	0.00202	-50.00	140.00	0.00227
-40.00	140.00	0.00256	-30.00	140.00	0.00289
-25.00	140.00	0.00307	-20.00	140.00	0.00326
-17.00	140.00	0.00339	-15.00	140.00	0.00348
-13.00	140.00	0.00358	-11.00	140.00	0.00370
-9.00	140.00	0.00386	9.00	140.00	0.00876
11.00	140.00	0.00881	13.00	140.00	0.00883
15.00	140.00	0.00882	17.00	140.00	0.00877
20.00	140.00	0.00863	25.00	140.00	0.00825

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00776	40.00	140.00	0.00669
50.00	140.00	0.00565	60.00	140.00	0.00473
70.00	140.00	0.00397	80.00	140.00	0.00334
90.00	140.00	0.00282	100.00	140.00	0.00241

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:11:25  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00130	-90.00	150.00	0.00143
-80.00	150.00	0.00159	-70.00	150.00	0.00177
-60.00	150.00	0.00198	-50.00	150.00	0.00222
-40.00	150.00	0.00250	-30.00	150.00	0.00282
-25.00	150.00	0.00300	-20.00	150.00	0.00318
-17.00	150.00	0.00330	-15.00	150.00	0.00339
-13.00	150.00	0.00349	-11.00	150.00	0.00361
-9.00	150.00	0.00376	9.00	150.00	0.00858
11.00	150.00	0.00862	13.00	150.00	0.00864
15.00	150.00	0.00862	17.00	150.00	0.00857
20.00	150.00	0.00842	25.00	150.00	0.00802
30.00	150.00	0.00751	40.00	150.00	0.00640
50.00	150.00	0.00534	60.00	150.00	0.00442
70.00	150.00	0.00366	80.00	150.00	0.00305
90.00	150.00	0.00256	100.00	150.00	0.00217
-100.00	160.00	0.00127	-90.00	160.00	0.00140
-80.00	160.00	0.00155	-70.00	160.00	0.00173
-60.00	160.00	0.00193	-50.00	160.00	0.00217
-40.00	160.00	0.00244	-30.00	160.00	0.00275
-25.00	160.00	0.00291	-20.00	160.00	0.00309
-17.00	160.00	0.00321	-15.00	160.00	0.00329
-13.00	160.00	0.00338	-11.00	160.00	0.00349
-9.00	160.00	0.00363	9.00	160.00	0.00836
11.00	160.00	0.00839	13.00	160.00	0.00840
15.00	160.00	0.00838	17.00	160.00	0.00832
20.00	160.00	0.00815	25.00	160.00	0.00772
30.00	160.00	0.00719	40.00	160.00	0.00603
50.00	160.00	0.00494	60.00	160.00	0.00404
70.00	160.00	0.00331	80.00	160.00	0.00273
90.00	160.00	0.00228	100.00	160.00	0.00192

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00123	-90.00	170.00	0.00136
-80.00	170.00	0.00151	-70.00	170.00	0.00168
-60.00	170.00	0.00188	-50.00	170.00	0.00211
-40.00	170.00	0.00237	-30.00	170.00	0.00266
-25.00	170.00	0.00282	-20.00	170.00	0.00299
-17.00	170.00	0.00310	-15.00	170.00	0.00317
-13.00	170.00	0.00326	-11.00	170.00	0.00336
-9.00	170.00	0.00349	9.00	170.00	0.00809
11.00	170.00	0.00811	13.00	170.00	0.00810
15.00	170.00	0.00807	17.00	170.00	0.00799

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00780	25.00	170.00	0.00733
30.00	170.00	0.00676	40.00	170.00	0.00554
50.00	170.00	0.00446	60.00	170.00	0.00358
70.00	170.00	0.00290	80.00	170.00	0.00237
90.00	170.00	0.00197	100.00	170.00	0.00167
-100.00	180.00	0.00119	-90.00	180.00	0.00132
-80.00	180.00	0.00146	-70.00	180.00	0.00163
-60.00	180.00	0.00182	-50.00	180.00	0.00205
-40.00	180.00	0.00230	-30.00	180.00	0.00257
-25.00	180.00	0.00271	-20.00	180.00	0.00287
-17.00	180.00	0.00297	-15.00	180.00	0.00304
-13.00	180.00	0.00312	-11.00	180.00	0.00321
-9.00	180.00	0.00333	9.00	180.00	0.00774
11.00	180.00	0.00773	13.00	180.00	0.00771
15.00	180.00	0.00765	17.00	180.00	0.00754
20.00	180.00	0.00731	25.00	180.00	0.00678
30.00	180.00	0.00615	40.00	180.00	0.00491
50.00	180.00	0.00386	60.00	180.00	0.00305
70.00	180.00	0.00245	80.00	180.00	0.00200
90.00	180.00	0.00167	100.00	180.00	0.00141
-100.00	190.00	0.00115	-90.00	190.00	0.00127
-80.00	190.00	0.00140	-70.00	190.00	0.00156
-60.00	190.00	0.00175	-50.00	190.00	0.00197
-40.00	190.00	0.00221	-30.00	190.00	0.00247

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00260	-20.00	190.00	0.00273
-17.00	190.00	0.00282	-15.00	190.00	0.00289
-13.00	190.00	0.00296	-11.00	190.00	0.00304
-9.00	190.00	0.00314	9.00	190.00	0.00726
11.00	190.00	0.00722	13.00	190.00	0.00716
15.00	190.00	0.00705	17.00	190.00	0.00690
20.00	190.00	0.00661	25.00	190.00	0.00599
30.00	190.00	0.00532	40.00	190.00	0.00410
50.00	190.00	0.00316	60.00	190.00	0.00248
70.00	190.00	0.00199	80.00	190.00	0.00164
90.00	190.00	0.00137	100.00	190.00	0.00117
-100.00	200.00	0.00111	-90.00	200.00	0.00122
-80.00	200.00	0.00135	-70.00	200.00	0.00149
-60.00	200.00	0.00167	-50.00	200.00	0.00187
-40.00	200.00	0.00210	-30.00	200.00	0.00235
-25.00	200.00	0.00247	-20.00	200.00	0.00259

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00266	-15.00	200.00	0.00272
-13.00	200.00	0.00277	-11.00	200.00	0.00284
-9.00	200.00	0.00292	9.00	200.00	0.00658
11.00	200.00	0.00646	13.00	200.00	0.00631
15.00	200.00	0.00613	17.00	200.00	0.00591
20.00	200.00	0.00553	25.00	200.00	0.00485
30.00	200.00	0.00420	40.00	200.00	0.00314
50.00	200.00	0.00240	60.00	200.00	0.00190
70.00	200.00	0.00155	80.00	200.00	0.00129
90.00	200.00	0.00110	100.00	200.00	0.00095
-100.00	210.00	0.00107	-90.00	210.00	0.00117
-80.00	210.00	0.00129	-70.00	210.00	0.00142
-60.00	210.00	0.00158	-50.00	210.00	0.00177
-40.00	210.00	0.00198	-30.00	210.00	0.00220
-25.00	210.00	0.00232	-20.00	210.00	0.00243
-17.00	210.00	0.00249	-15.00	210.00	0.00253
-13.00	210.00	0.00257	-11.00	210.00	0.00262
-9.00	210.00	0.00269	9.00	210.00	0.00541



04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00514	13.00	210.00	0.00486
15.00	210.00	0.00459	17.00	210.00	0.00431
20.00	210.00	0.00391	25.00	210.00	0.00332
30.00	210.00	0.00284	40.00	210.00	0.00215
50.00	210.00	0.00170	60.00	210.00	0.00138
70.00	210.00	0.00116	80.00	210.00	0.00099
90.00	210.00	0.00087	100.00	210.00	0.00076
-100.00	220.00	0.00103	-90.00	220.00	0.00112
-80.00	220.00	0.00122	-70.00	220.00	0.00135
-60.00	220.00	0.00149	-50.00	220.00	0.00166
-40.00	220.00	0.00184	-30.00	220.00	0.00204
-25.00	220.00	0.00213	-20.00	220.00	0.00222
-17.00	220.00	0.00227	-15.00	220.00	0.00230
-13.00	220.00	0.00233	-11.00	220.00	0.00236
-9.00	220.00	0.00240	9.00	220.00	0.00294
11.00	220.00	0.00265	13.00	220.00	0.00245
15.00	220.00	0.00231	17.00	220.00	0.00219
20.00	220.00	0.00203	25.00	220.00	0.00181
30.00	220.00	0.00163	40.00	220.00	0.00134
50.00	220.00	0.00113	60.00	220.00	0.00098
70.00	220.00	0.00085	80.00	220.00	0.00075
90.00	220.00	0.00067	100.00	220.00	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00097	-90.00	230.00	0.00105
-80.00	230.00	0.00115	-70.00	230.00	0.00126
-60.00	230.00	0.00138	-50.00	230.00	0.00151
-40.00	230.00	0.00166	-30.00	230.00	0.00181
-25.00	230.00	0.00187	-20.00	230.00	0.00191
-17.00	230.00	0.00192	-15.00	230.00	0.00192
-13.00	230.00	0.00190	-11.00	230.00	0.00187
-9.00	230.00	0.00182	9.00	230.00	0.00095
11.00	230.00	0.00095	13.00	230.00	0.00095
15.00	230.00	0.00095	17.00	230.00	0.00095
20.00	230.00	0.00095	25.00	230.00	0.00093
30.00	230.00	0.00090	40.00	230.00	0.00082

04NCRA\_PL94-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00075	60.00	230.00	0.00068
70.00	230.00	0.00062	80.00	230.00	0.00057
90.00	230.00	0.00052	100.00	230.00	0.00048
-100.00	240.00	0.00091	-90.00	240.00	0.00098
-80.00	240.00	0.00106	-70.00	240.00	0.00114
-60.00	240.00	0.00124	-50.00	240.00	0.00133
-40.00	240.00	0.00142	-30.00	240.00	0.00148
-25.00	240.00	0.00149	-20.00	240.00	0.00146
-17.00	240.00	0.00141	-15.00	240.00	0.00137
-13.00	240.00	0.00131	-11.00	240.00	0.00125
-9.00	240.00	0.00117	9.00	240.00	0.00067
11.00	240.00	0.00066	13.00	240.00	0.00065
15.00	240.00	0.00064	17.00	240.00	0.00063
20.00	240.00	0.00061	25.00	240.00	0.00060
30.00	240.00	0.00058	40.00	240.00	0.00055
50.00	240.00	0.00052	60.00	240.00	0.00049
70.00	240.00	0.00046	80.00	240.00	0.00044
90.00	240.00	0.00041	100.00	240.00	0.00039
-100.00	250.00	0.00084	-90.00	250.00	0.00090
-80.00	250.00	0.00096	-70.00	250.00	0.00102
-60.00	250.00	0.00108	-50.00	250.00	0.00113
-40.00	250.00	0.00117	-30.00	250.00	0.00116
-25.00	250.00	0.00113	-20.00	250.00	0.00106
-17.00	250.00	0.00100	-15.00	250.00	0.00096
-13.00	250.00	0.00091	-11.00	250.00	0.00086
-9.00	250.00	0.00081	9.00	250.00	0.00052
11.00	250.00	0.00051	13.00	250.00	0.00050
15.00	250.00	0.00050	17.00	250.00	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00048	25.00	250.00	0.00046
30.00	250.00	0.00045	40.00	250.00	0.00042
50.00	250.00	0.00040	60.00	250.00	0.00038
70.00	250.00	0.00036	80.00	250.00	0.00034
90.00	250.00	0.00033	100.00	250.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00800 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT ( 9.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT ( 13.00, 160.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT ( 15.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT ( 13.00, 140.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT ( 15.00, 140.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00800 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT ( 9.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT ( 13.00, 70.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT ( 15.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT ( 13.00, 50.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT ( 15.00, 50.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00800 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT ( 9.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT ( 13.00, -20.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT ( 15.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT ( 13.00, -40.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT ( 15.00, -40.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00800 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT ( 9.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT ( 13.00, -110.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT ( 15.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT ( 13.00, -130.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT ( 15.00, -130.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00800 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT ( 11.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT ( 17.00, -210.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT ( 9.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT ( 13.00, -200.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT ( 15.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT ( 13.00, -220.00, 0.00, 1.20)	DC	NA

		04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00789	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788	AT (	15.00,	-220.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00993	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00992	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00992	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00992	AT (	15.00,	-130.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00992	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00991	AT (	13.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00991	AT (	13.00,	-110.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-140.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:11:25

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 10 Informational Message(s)  
 A Total of 10 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 10:17:44

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
RE DISCCART	-40.0	-240.0	1.2
RE DISCCART	-30.0	-240.0	1.2
RE DISCCART	-25.0	-240.0	1.2
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RE DISCCART	80.0	-200.0	1.2
RE DISCCART	90.0	-200.0	1.2
RE DISCCART	100.0	-200.0	1.2
RE DISCCART	-100.0	-190.0	1.2
RE DISCCART	-90.0	-190.0	1.2
RE DISCCART	-80.0	-190.0	1.2
RE DISCCART	-70.0	-190.0	1.2
RE DISCCART	-60.0	-190.0	1.2
RE DISCCART	-50.0	-190.0	1.2
RE DISCCART	-40.0	-190.0	1.2
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RE DISCCART	20.0	-190.0	1.2
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RE DISCCART	30.0	-190.0	1.2
RE DISCCART	40.0	-190.0	1.2
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RE DISCCART	60.0	-190.0	1.2
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RE DISCCART	-90.0	-180.0	1.2
RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
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RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
RE DISCCART	100.0	-180.0	1.2
RE DISCCART	-100.0	-170.0	1.2
RE DISCCART	-90.0	-170.0	1.2
RE DISCCART	-80.0	-170.0	1.2
RE DISCCART	-70.0	-170.0	1.2
RE DISCCART	-60.0	-170.0	1.2
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RE DISCCART	-17.0	-170.0	1.2
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RE DISCCART	-11.0	-170.0	1.2
RE DISCCART	-9.0	-170.0	1.2
RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
RE DISCCART	13.0	-170.0	1.2
RE DISCCART	15.0	-170.0	1.2
RE DISCCART	17.0	-170.0	1.2
RE DISCCART	20.0	-170.0	1.2
RE DISCCART	25.0	-170.0	1.2
RE DISCCART	30.0	-170.0	1.2

RE DISCCART	40.0	-170.0	1.2
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
RE DISCCART	80.0	-170.0	1.2
RE DISCCART	90.0	-170.0	1.2
RE DISCCART	100.0	-170.0	1.2
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RE DISCCART	-90.0	-160.0	1.2
RE DISCCART	-80.0	-160.0	1.2
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RE DISCCART	-30.0	-160.0	1.2
RE DISCCART	-25.0	-160.0	1.2
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RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
RE DISCCART	-100.0	-150.0	1.2
RE DISCCART	-90.0	-150.0	1.2
RE DISCCART	-80.0	-150.0	1.2
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RE DISCCART	90.0	-150.0	1.2
RE DISCCART	100.0	-150.0	1.2
RE DISCCART	-100.0	-140.0	1.2
RE DISCCART	-90.0	-140.0	1.2
RE DISCCART	-80.0	-140.0	1.2
RE DISCCART	-70.0	-140.0	1.2
RE DISCCART	-60.0	-140.0	1.2
RE DISCCART	-50.0	-140.0	1.2
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RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
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RE DISCCART	11.0	-130.0	1.2
RE DISCCART	13.0	-130.0	1.2
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RE DISCCART	-13.0	160.0	1.2
RE DISCCART	-11.0	160.0	1.2
RE DISCCART	-9.0	160.0	1.2
RE DISCCART	9.0	160.0	1.2
RE DISCCART	11.0	160.0	1.2
RE DISCCART	13.0	160.0	1.2
RE DISCCART	15.0	160.0	1.2
RE DISCCART	17.0	160.0	1.2
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RE DISCCART	40.0	160.0	1.2
RE DISCCART	50.0	160.0	1.2
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RE DISCCART	-9.0	170.0	1.2

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RE DISCCART	17.0	180.0	1.2
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RE DISCCART	90.0	180.0	1.2

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RE DISCCART	-70.0	190.0	1.2
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RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
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RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
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RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
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RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
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RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2  
 RE DISCCART 70.0 240.0 1.2  
 RE DISCCART 80.0 240.0 1.2  
 RE DISCCART 90.0 240.0 1.2  
 RE DISCCART 100.0 240.0 1.2  
 RE DISCCART -100.0 250.0 1.2  
 RE DISCCART -90.0 250.0 1.2  
 RE DISCCART -80.0 250.0 1.2  
 RE DISCCART -70.0 250.0 1.2  
 RE DISCCART -60.0 250.0 1.2  
 RE DISCCART -50.0 250.0 1.2  
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 RE DISCCART -17.0 250.0 1.2  
 RE DISCCART -15.0 250.0 1.2  
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 RE DISCCART -9.0 250.0 1.2  
 RE DISCCART 9.0 250.0 1.2  
 RE DISCCART 11.0 250.0 1.2  
 RE DISCCART 13.0 250.0 1.2  
 RE DISCCART 15.0 250.0 1.2  
 RE DISCCART 17.0 250.0 1.2  
 RE DISCCART 20.0 250.0 1.2  
 RE DISCCART 25.0 250.0 1.2  
 RE DISCCART 30.0 250.0 1.2  
 RE DISCCART 40.0 250.0 1.2  
 RE DISCCART 50.0 250.0 1.2  
 RE DISCCART 60.0 250.0 1.2  
 RE DISCCART 70.0 250.0 1.2  
 RE DISCCART 80.0 250.0 1.2  
 RE DISCCART 90.0 250.0 1.2  
 RE DISCCART 100.0 250.0 1.2  
 RE FINISHED

ME STARTING  
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET97300.ASC"  
 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9901 1997  
 ME UAIRDATA 9901 1997  
 ME STARTEND 1997 01 01 1 1997 12 31 24  
 ME FINISHED



OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\05NCRA-1.DAT



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -40.0, -250.0, 0.0, 1.2);	( -30.0, -250.0, 0.0, 1.2);
( -25.0, -250.0, 0.0, 1.2);	( -20.0, -250.0, 0.0, 1.2);
( -17.0, -250.0, 0.0, 1.2);	( -15.0, -250.0, 0.0, 1.2);
( -13.0, -250.0, 0.0, 1.2);	( -11.0, -250.0, 0.0, 1.2);
( -9.0, -250.0, 0.0, 1.2);	( 9.0, -250.0, 0.0, 1.2);
( 11.0, -250.0, 0.0, 1.2);	( 13.0, -250.0, 0.0, 1.2);
( 15.0, -250.0, 0.0, 1.2);	( 17.0, -250.0, 0.0, 1.2);
( 20.0, -250.0, 0.0, 1.2);	( 25.0, -250.0, 0.0, 1.2);
( 30.0, -250.0, 0.0, 1.2);	( 40.0, -250.0, 0.0, 1.2);
( 50.0, -250.0, 0.0, 1.2);	( 60.0, -250.0, 0.0, 1.2);
( 70.0, -250.0, 0.0, 1.2);	( 80.0, -250.0, 0.0, 1.2);
( 90.0, -250.0, 0.0, 1.2);	( 100.0, -250.0, 0.0, 1.2);
( -100.0, -240.0, 0.0, 1.2);	( -90.0, -240.0, 0.0, 1.2);
( -80.0, -240.0, 0.0, 1.2);	( -70.0, -240.0, 0.0, 1.2);
( -60.0, -240.0, 0.0, 1.2);	( -50.0, -240.0, 0.0, 1.2);
( -40.0, -240.0, 0.0, 1.2);	( -30.0, -240.0, 0.0, 1.2);
( -25.0, -240.0, 0.0, 1.2);	( -20.0, -240.0, 0.0, 1.2);
( -17.0, -240.0, 0.0, 1.2);	( -15.0, -240.0, 0.0, 1.2);
( -13.0, -240.0, 0.0, 1.2);	( -11.0, -240.0, 0.0, 1.2);
( -9.0, -240.0, 0.0, 1.2);	( 9.0, -240.0, 0.0, 1.2);
( 11.0, -240.0, 0.0, 1.2);	( 13.0, -240.0, 0.0, 1.2);
( 15.0, -240.0, 0.0, 1.2);	( 17.0, -240.0, 0.0, 1.2);
( 20.0, -240.0, 0.0, 1.2);	( 25.0, -240.0, 0.0, 1.2);
( 30.0, -240.0, 0.0, 1.2);	( 40.0, -240.0, 0.0, 1.2);
( 50.0, -240.0, 0.0, 1.2);	( 60.0, -240.0, 0.0, 1.2);
( 70.0, -240.0, 0.0, 1.2);	( 80.0, -240.0, 0.0, 1.2);
( 90.0, -240.0, 0.0, 1.2);	( 100.0, -240.0, 0.0, 1.2);
( -100.0, -230.0, 0.0, 1.2);	( -90.0, -230.0, 0.0, 1.2);
( -80.0, -230.0, 0.0, 1.2);	( -70.0, -230.0, 0.0, 1.2);
( -60.0, -230.0, 0.0, 1.2);	( -50.0, -230.0, 0.0, 1.2);
( -40.0, -230.0, 0.0, 1.2);	( -30.0, -230.0, 0.0, 1.2);
( -25.0, -230.0, 0.0, 1.2);	( -20.0, -230.0, 0.0, 1.2);
( -17.0, -230.0, 0.0, 1.2);	( -15.0, -230.0, 0.0, 1.2);
( -13.0, -230.0, 0.0, 1.2);	( -11.0, -230.0, 0.0, 1.2);
( -9.0, -230.0, 0.0, 1.2);	( 9.0, -230.0, 0.0, 1.2);
( 11.0, -230.0, 0.0, 1.2);	( 13.0, -230.0, 0.0, 1.2);
( 15.0, -230.0, 0.0, 1.2);	( 17.0, -230.0, 0.0, 1.2);
( 20.0, -230.0, 0.0, 1.2);	( 25.0, -230.0, 0.0, 1.2);
( 30.0, -230.0, 0.0, 1.2);	( 40.0, -230.0, 0.0, 1.2);
( 50.0, -230.0, 0.0, 1.2);	( 60.0, -230.0, 0.0, 1.2);
( 70.0, -230.0, 0.0, 1.2);	( 80.0, -230.0, 0.0, 1.2);
( 90.0, -230.0, 0.0, 1.2);	( 100.0, -230.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at North/South Bound Direction

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\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -220.0, 0.0, 1.2);	( -90.0, -220.0, 0.0, 1.2);
( -80.0, -220.0, 0.0, 1.2);	( -70.0, -220.0, 0.0, 1.2);
( -60.0, -220.0, 0.0, 1.2);	( -50.0, -220.0, 0.0, 1.2);
( -40.0, -220.0, 0.0, 1.2);	( -30.0, -220.0, 0.0, 1.2);
( -25.0, -220.0, 0.0, 1.2);	( -20.0, -220.0, 0.0, 1.2);
( -17.0, -220.0, 0.0, 1.2);	( -15.0, -220.0, 0.0, 1.2);
( -13.0, -220.0, 0.0, 1.2);	( -11.0, -220.0, 0.0, 1.2);
( -9.0, -220.0, 0.0, 1.2);	( 9.0, -220.0, 0.0, 1.2);
( 11.0, -220.0, 0.0, 1.2);	( 13.0, -220.0, 0.0, 1.2);
( 15.0, -220.0, 0.0, 1.2);	( 17.0, -220.0, 0.0, 1.2);
( 20.0, -220.0, 0.0, 1.2);	( 25.0, -220.0, 0.0, 1.2);
( 30.0, -220.0, 0.0, 1.2);	( 40.0, -220.0, 0.0, 1.2);
( 50.0, -220.0, 0.0, 1.2);	( 60.0, -220.0, 0.0, 1.2);
( 70.0, -220.0, 0.0, 1.2);	( 80.0, -220.0, 0.0, 1.2);
( 90.0, -220.0, 0.0, 1.2);	( 100.0, -220.0, 0.0, 1.2);
( -100.0, -210.0, 0.0, 1.2);	( -90.0, -210.0, 0.0, 1.2);
( -80.0, -210.0, 0.0, 1.2);	( -70.0, -210.0, 0.0, 1.2);
( -60.0, -210.0, 0.0, 1.2);	( -50.0, -210.0, 0.0, 1.2);
( -40.0, -210.0, 0.0, 1.2);	( -30.0, -210.0, 0.0, 1.2);
( -25.0, -210.0, 0.0, 1.2);	( -20.0, -210.0, 0.0, 1.2);
( -17.0, -210.0, 0.0, 1.2);	( -15.0, -210.0, 0.0, 1.2);
( -13.0, -210.0, 0.0, 1.2);	( -11.0, -210.0, 0.0, 1.2);
( -9.0, -210.0, 0.0, 1.2);	( 9.0, -210.0, 0.0, 1.2);
( 11.0, -210.0, 0.0, 1.2);	( 13.0, -210.0, 0.0, 1.2);
( 15.0, -210.0, 0.0, 1.2);	( 17.0, -210.0, 0.0, 1.2);
( 20.0, -210.0, 0.0, 1.2);	( 25.0, -210.0, 0.0, 1.2);
( 30.0, -210.0, 0.0, 1.2);	( 40.0, -210.0, 0.0, 1.2);
( 50.0, -210.0, 0.0, 1.2);	( 60.0, -210.0, 0.0, 1.2);
( 70.0, -210.0, 0.0, 1.2);	( 80.0, -210.0, 0.0, 1.2);
( 90.0, -210.0, 0.0, 1.2);	( 100.0, -210.0, 0.0, 1.2);
( -100.0, -200.0, 0.0, 1.2);	( -90.0, -200.0, 0.0, 1.2);
( -80.0, -200.0, 0.0, 1.2);	( -70.0, -200.0, 0.0, 1.2);
( -60.0, -200.0, 0.0, 1.2);	( -50.0, -200.0, 0.0, 1.2);
( -40.0, -200.0, 0.0, 1.2);	( -30.0, -200.0, 0.0, 1.2);
( -25.0, -200.0, 0.0, 1.2);	( -20.0, -200.0, 0.0, 1.2);
( -17.0, -200.0, 0.0, 1.2);	( -15.0, -200.0, 0.0, 1.2);
( -13.0, -200.0, 0.0, 1.2);	( -11.0, -200.0, 0.0, 1.2);
( -9.0, -200.0, 0.0, 1.2);	( 9.0, -200.0, 0.0, 1.2);
( 11.0, -200.0, 0.0, 1.2);	( 13.0, -200.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0,	-200.0,	0.0,	1.2);	( 17.0,	-200.0,	0.0,	1.2);
( 20.0,	-200.0,	0.0,	1.2);	( 25.0,	-200.0,	0.0,	1.2);
( 30.0,	-200.0,	0.0,	1.2);	( 40.0,	-200.0,	0.0,	1.2);
( 50.0,	-200.0,	0.0,	1.2);	( 60.0,	-200.0,	0.0,	1.2);
( 70.0,	-200.0,	0.0,	1.2);	( 80.0,	-200.0,	0.0,	1.2);
( 90.0,	-200.0,	0.0,	1.2);	( 100.0,	-200.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	-190.0,	0.0,	1.2);	( -90.0,	-190.0,	0.0,	1.2);
( -80.0,	-190.0,	0.0,	1.2);	( -70.0,	-190.0,	0.0,	1.2);
( -60.0,	-190.0,	0.0,	1.2);	( -50.0,	-190.0,	0.0,	1.2);
( -40.0,	-190.0,	0.0,	1.2);	( -30.0,	-190.0,	0.0,	1.2);
( -25.0,	-190.0,	0.0,	1.2);	( -20.0,	-190.0,	0.0,	1.2);
( -17.0,	-190.0,	0.0,	1.2);	( -15.0,	-190.0,	0.0,	1.2);
( -13.0,	-190.0,	0.0,	1.2);	( -11.0,	-190.0,	0.0,	1.2);
( -9.0,	-190.0,	0.0,	1.2);	( 9.0,	-190.0,	0.0,	1.2);
( 11.0,	-190.0,	0.0,	1.2);	( 13.0,	-190.0,	0.0,	1.2);
( 15.0,	-190.0,	0.0,	1.2);	( 17.0,	-190.0,	0.0,	1.2);
( 20.0,	-190.0,	0.0,	1.2);	( 25.0,	-190.0,	0.0,	1.2);
( 30.0,	-190.0,	0.0,	1.2);	( 40.0,	-190.0,	0.0,	1.2);
( 50.0,	-190.0,	0.0,	1.2);	( 60.0,	-190.0,	0.0,	1.2);
( 70.0,	-190.0,	0.0,	1.2);	( 80.0,	-190.0,	0.0,	1.2);
( 90.0,	-190.0,	0.0,	1.2);	( 100.0,	-190.0,	0.0,	1.2);
( -100.0,	-180.0,	0.0,	1.2);	( -90.0,	-180.0,	0.0,	1.2);
( -80.0,	-180.0,	0.0,	1.2);	( -70.0,	-180.0,	0.0,	1.2);
( -60.0,	-180.0,	0.0,	1.2);	( -50.0,	-180.0,	0.0,	1.2);
( -40.0,	-180.0,	0.0,	1.2);	( -30.0,	-180.0,	0.0,	1.2);
( -25.0,	-180.0,	0.0,	1.2);	( -20.0,	-180.0,	0.0,	1.2);
( -17.0,	-180.0,	0.0,	1.2);	( -15.0,	-180.0,	0.0,	1.2);
( -13.0,	-180.0,	0.0,	1.2);	( -11.0,	-180.0,	0.0,	1.2);
( -9.0,	-180.0,	0.0,	1.2);	( 9.0,	-180.0,	0.0,	1.2);
( 11.0,	-180.0,	0.0,	1.2);	( 13.0,	-180.0,	0.0,	1.2);
( 15.0,	-180.0,	0.0,	1.2);	( 17.0,	-180.0,	0.0,	1.2);
( 20.0,	-180.0,	0.0,	1.2);	( 25.0,	-180.0,	0.0,	1.2);
( 30.0,	-180.0,	0.0,	1.2);	( 40.0,	-180.0,	0.0,	1.2);
( 50.0,	-180.0,	0.0,	1.2);	( 60.0,	-180.0,	0.0,	1.2);
( 70.0,	-180.0,	0.0,	1.2);	( 80.0,	-180.0,	0.0,	1.2);
( 90.0,	-180.0,	0.0,	1.2);	( 100.0,	-180.0,	0.0,	1.2);
( -100.0,	-170.0,	0.0,	1.2);	( -90.0,	-170.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0, -170.0, 0.0, 1.2);	( -70.0, -170.0, 0.0, 1.2);
( -60.0, -170.0, 0.0, 1.2);	( -50.0, -170.0, 0.0, 1.2);
( -40.0, -170.0, 0.0, 1.2);	( -30.0, -170.0, 0.0, 1.2);
( -25.0, -170.0, 0.0, 1.2);	( -20.0, -170.0, 0.0, 1.2);
( -17.0, -170.0, 0.0, 1.2);	( -15.0, -170.0, 0.0, 1.2);
( -13.0, -170.0, 0.0, 1.2);	( -11.0, -170.0, 0.0, 1.2);
( -9.0, -170.0, 0.0, 1.2);	( 9.0, -170.0, 0.0, 1.2);
( 11.0, -170.0, 0.0, 1.2);	( 13.0, -170.0, 0.0, 1.2);
( 15.0, -170.0, 0.0, 1.2);	( 17.0, -170.0, 0.0, 1.2);
( 20.0, -170.0, 0.0, 1.2);	( 25.0, -170.0, 0.0, 1.2);
( 30.0, -170.0, 0.0, 1.2);	( 40.0, -170.0, 0.0, 1.2);
( 50.0, -170.0, 0.0, 1.2);	( 60.0, -170.0, 0.0, 1.2);
( 70.0, -170.0, 0.0, 1.2);	( 80.0, -170.0, 0.0, 1.2);
( 90.0, -170.0, 0.0, 1.2);	( 100.0, -170.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -160.0, 0.0, 1.2);	( -90.0, -160.0, 0.0, 1.2);
( -80.0, -160.0, 0.0, 1.2);	( -70.0, -160.0, 0.0, 1.2);
( -60.0, -160.0, 0.0, 1.2);	( -50.0, -160.0, 0.0, 1.2);
( -40.0, -160.0, 0.0, 1.2);	( -30.0, -160.0, 0.0, 1.2);
( -25.0, -160.0, 0.0, 1.2);	( -20.0, -160.0, 0.0, 1.2);
( -17.0, -160.0, 0.0, 1.2);	( -15.0, -160.0, 0.0, 1.2);
( -13.0, -160.0, 0.0, 1.2);	( -11.0, -160.0, 0.0, 1.2);
( -9.0, -160.0, 0.0, 1.2);	( 9.0, -160.0, 0.0, 1.2);
( 11.0, -160.0, 0.0, 1.2);	( 13.0, -160.0, 0.0, 1.2);
( 15.0, -160.0, 0.0, 1.2);	( 17.0, -160.0, 0.0, 1.2);
( 20.0, -160.0, 0.0, 1.2);	( 25.0, -160.0, 0.0, 1.2);
( 30.0, -160.0, 0.0, 1.2);	( 40.0, -160.0, 0.0, 1.2);
( 50.0, -160.0, 0.0, 1.2);	( 60.0, -160.0, 0.0, 1.2);
( 70.0, -160.0, 0.0, 1.2);	( 80.0, -160.0, 0.0, 1.2);
( 90.0, -160.0, 0.0, 1.2);	( 100.0, -160.0, 0.0, 1.2);
( -100.0, -150.0, 0.0, 1.2);	( -90.0, -150.0, 0.0, 1.2);
( -80.0, -150.0, 0.0, 1.2);	( -70.0, -150.0, 0.0, 1.2);
( -60.0, -150.0, 0.0, 1.2);	( -50.0, -150.0, 0.0, 1.2);
( -40.0, -150.0, 0.0, 1.2);	( -30.0, -150.0, 0.0, 1.2);
( -25.0, -150.0, 0.0, 1.2);	( -20.0, -150.0, 0.0, 1.2);
( -17.0, -150.0, 0.0, 1.2);	( -15.0, -150.0, 0.0, 1.2);
( -13.0, -150.0, 0.0, 1.2);	( -11.0, -150.0, 0.0, 1.2);
( -9.0, -150.0, 0.0, 1.2);	( 9.0, -150.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0, -150.0, 0.0, 1.2);	( 13.0, -150.0, 0.0, 1.2);
( 15.0, -150.0, 0.0, 1.2);	( 17.0, -150.0, 0.0, 1.2);
( 20.0, -150.0, 0.0, 1.2);	( 25.0, -150.0, 0.0, 1.2);
( 30.0, -150.0, 0.0, 1.2);	( 40.0, -150.0, 0.0, 1.2);
( 50.0, -150.0, 0.0, 1.2);	( 60.0, -150.0, 0.0, 1.2);
( 70.0, -150.0, 0.0, 1.2);	( 80.0, -150.0, 0.0, 1.2);
( 90.0, -150.0, 0.0, 1.2);	( 100.0, -150.0, 0.0, 1.2);
( -100.0, -140.0, 0.0, 1.2);	( -90.0, -140.0, 0.0, 1.2);
( -80.0, -140.0, 0.0, 1.2);	( -70.0, -140.0, 0.0, 1.2);
( -60.0, -140.0, 0.0, 1.2);	( -50.0, -140.0, 0.0, 1.2);
( -40.0, -140.0, 0.0, 1.2);	( -30.0, -140.0, 0.0, 1.2);
( -25.0, -140.0, 0.0, 1.2);	( -20.0, -140.0, 0.0, 1.2);
( -17.0, -140.0, 0.0, 1.2);	( -15.0, -140.0, 0.0, 1.2);
( -13.0, -140.0, 0.0, 1.2);	( -11.0, -140.0, 0.0, 1.2);
( -9.0, -140.0, 0.0, 1.2);	( 9.0, -140.0, 0.0, 1.2);
( 11.0, -140.0, 0.0, 1.2);	( 13.0, -140.0, 0.0, 1.2);
( 15.0, -140.0, 0.0, 1.2);	( 17.0, -140.0, 0.0, 1.2);
( 20.0, -140.0, 0.0, 1.2);	( 25.0, -140.0, 0.0, 1.2);
( 30.0, -140.0, 0.0, 1.2);	( 40.0, -140.0, 0.0, 1.2);
( 50.0, -140.0, 0.0, 1.2);	( 60.0, -140.0, 0.0, 1.2);
( 70.0, -140.0, 0.0, 1.2);	( 80.0, -140.0, 0.0, 1.2);
( 90.0, -140.0, 0.0, 1.2);	( 100.0, -140.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -130.0, 0.0, 1.2);	( -90.0, -130.0, 0.0, 1.2);
( -80.0, -130.0, 0.0, 1.2);	( -70.0, -130.0, 0.0, 1.2);
( -60.0, -130.0, 0.0, 1.2);	( -50.0, -130.0, 0.0, 1.2);
( -40.0, -130.0, 0.0, 1.2);	( -30.0, -130.0, 0.0, 1.2);
( -25.0, -130.0, 0.0, 1.2);	( -20.0, -130.0, 0.0, 1.2);
( -17.0, -130.0, 0.0, 1.2);	( -15.0, -130.0, 0.0, 1.2);
( -13.0, -130.0, 0.0, 1.2);	( -11.0, -130.0, 0.0, 1.2);
( -9.0, -130.0, 0.0, 1.2);	( 9.0, -130.0, 0.0, 1.2);
( 11.0, -130.0, 0.0, 1.2);	( 13.0, -130.0, 0.0, 1.2);
( 15.0, -130.0, 0.0, 1.2);	( 17.0, -130.0, 0.0, 1.2);
( 20.0, -130.0, 0.0, 1.2);	( 25.0, -130.0, 0.0, 1.2);
( 30.0, -130.0, 0.0, 1.2);	( 40.0, -130.0, 0.0, 1.2);
( 50.0, -130.0, 0.0, 1.2);	( 60.0, -130.0, 0.0, 1.2);
( 70.0, -130.0, 0.0, 1.2);	( 80.0, -130.0, 0.0, 1.2);
( 90.0, -130.0, 0.0, 1.2);	( 100.0, -130.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0, -120.0, 0.0, 1.2);	( -90.0, -120.0, 0.0, 1.2);
( -80.0, -120.0, 0.0, 1.2);	( -70.0, -120.0, 0.0, 1.2);
( -60.0, -120.0, 0.0, 1.2);	( -50.0, -120.0, 0.0, 1.2);
( -40.0, -120.0, 0.0, 1.2);	( -30.0, -120.0, 0.0, 1.2);
( -25.0, -120.0, 0.0, 1.2);	( -20.0, -120.0, 0.0, 1.2);
( -17.0, -120.0, 0.0, 1.2);	( -15.0, -120.0, 0.0, 1.2);
( -13.0, -120.0, 0.0, 1.2);	( -11.0, -120.0, 0.0, 1.2);
( -9.0, -120.0, 0.0, 1.2);	( 9.0, -120.0, 0.0, 1.2);
( 11.0, -120.0, 0.0, 1.2);	( 13.0, -120.0, 0.0, 1.2);
( 15.0, -120.0, 0.0, 1.2);	( 17.0, -120.0, 0.0, 1.2);
( 20.0, -120.0, 0.0, 1.2);	( 25.0, -120.0, 0.0, 1.2);
( 30.0, -120.0, 0.0, 1.2);	( 40.0, -120.0, 0.0, 1.2);
( 50.0, -120.0, 0.0, 1.2);	( 60.0, -120.0, 0.0, 1.2);
( 70.0, -120.0, 0.0, 1.2);	( 80.0, -120.0, 0.0, 1.2);
( 90.0, -120.0, 0.0, 1.2);	( 100.0, -120.0, 0.0, 1.2);
( -100.0, -110.0, 0.0, 1.2);	( -90.0, -110.0, 0.0, 1.2);
( -80.0, -110.0, 0.0, 1.2);	( -70.0, -110.0, 0.0, 1.2);
( -60.0, -110.0, 0.0, 1.2);	( -50.0, -110.0, 0.0, 1.2);
( -40.0, -110.0, 0.0, 1.2);	( -30.0, -110.0, 0.0, 1.2);
( -25.0, -110.0, 0.0, 1.2);	( -20.0, -110.0, 0.0, 1.2);
( -17.0, -110.0, 0.0, 1.2);	( -15.0, -110.0, 0.0, 1.2);
( -13.0, -110.0, 0.0, 1.2);	( -11.0, -110.0, 0.0, 1.2);
( -9.0, -110.0, 0.0, 1.2);	( 9.0, -110.0, 0.0, 1.2);
( 11.0, -110.0, 0.0, 1.2);	( 13.0, -110.0, 0.0, 1.2);
( 15.0, -110.0, 0.0, 1.2);	( 17.0, -110.0, 0.0, 1.2);
( 20.0, -110.0, 0.0, 1.2);	( 25.0, -110.0, 0.0, 1.2);
( 30.0, -110.0, 0.0, 1.2);	( 40.0, -110.0, 0.0, 1.2);
( 50.0, -110.0, 0.0, 1.2);	( 60.0, -110.0, 0.0, 1.2);
( 70.0, -110.0, 0.0, 1.2);	( 80.0, -110.0, 0.0, 1.2);
( 90.0, -110.0, 0.0, 1.2);	( 100.0, -110.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -100.0, 0.0, 1.2);	( -90.0, -100.0, 0.0, 1.2);
( -80.0, -100.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, -100.0, 0.0, 1.2);	( -50.0, -100.0, 0.0, 1.2);
( -40.0, -100.0, 0.0, 1.2);	( -30.0, -100.0, 0.0, 1.2);
( -25.0, -100.0, 0.0, 1.2);	( -20.0, -100.0, 0.0, 1.2);
( -17.0, -100.0, 0.0, 1.2);	( -15.0, -100.0, 0.0, 1.2);
( -13.0, -100.0, 0.0, 1.2);	( -11.0, -100.0, 0.0, 1.2);



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0, -100.0, 0.0, 1.2);	( -9.0, -100.0, 0.0, 1.2);
( 11.0, -100.0, 0.0, 1.2);	( 13.0, -100.0, 0.0, 1.2);
( 15.0, -100.0, 0.0, 1.2);	( 17.0, -100.0, 0.0, 1.2);
( 20.0, -100.0, 0.0, 1.2);	( 25.0, -100.0, 0.0, 1.2);
( 30.0, -100.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);
( 50.0, -100.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, -100.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, -100.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);
( -100.0, -90.0, 0.0, 1.2);	( -90.0, -90.0, 0.0, 1.2);
( -80.0, -90.0, 0.0, 1.2);	( -70.0, -90.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -50.0, -90.0, 0.0, 1.2);
( -40.0, -90.0, 0.0, 1.2);	( -30.0, -90.0, 0.0, 1.2);
( -25.0, -90.0, 0.0, 1.2);	( -20.0, -90.0, 0.0, 1.2);
( -17.0, -90.0, 0.0, 1.2);	( -15.0, -90.0, 0.0, 1.2);
( -13.0, -90.0, 0.0, 1.2);	( -11.0, -90.0, 0.0, 1.2);
( -9.0, -90.0, 0.0, 1.2);	( 9.0, -90.0, 0.0, 1.2);
( 11.0, -90.0, 0.0, 1.2);	( 13.0, -90.0, 0.0, 1.2);
( 15.0, -90.0, 0.0, 1.2);	( 17.0, -90.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 25.0, -90.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 40.0, -90.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 60.0, -90.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 80.0, -90.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 100.0, -90.0, 0.0, 1.2);
( -100.0, -80.0, 0.0, 1.2);	( -90.0, -80.0, 0.0, 1.2);
( -80.0, -80.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -60.0, -80.0, 0.0, 1.2);	( -50.0, -80.0, 0.0, 1.2);
( -40.0, -80.0, 0.0, 1.2);	( -30.0, -80.0, 0.0, 1.2);
( -25.0, -80.0, 0.0, 1.2);	( -20.0, -80.0, 0.0, 1.2);
( -17.0, -80.0, 0.0, 1.2);	( -15.0, -80.0, 0.0, 1.2);
( -13.0, -80.0, 0.0, 1.2);	( -11.0, -80.0, 0.0, 1.2);
( -9.0, -80.0, 0.0, 1.2);	( 9.0, -80.0, 0.0, 1.2);
( 11.0, -80.0, 0.0, 1.2);	( 13.0, -80.0, 0.0, 1.2);
( 15.0, -80.0, 0.0, 1.2);	( 17.0, -80.0, 0.0, 1.2);
( 20.0, -80.0, 0.0, 1.2);	( 25.0, -80.0, 0.0, 1.2);
( 30.0, -80.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 50.0, -80.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 70.0, -80.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 90.0, -80.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

05NCRA\_PL97-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

( -100.0, -70.0, 0.0, 1.2);	( -90.0, -70.0, 0.0, 1.2);
( -80.0, -70.0, 0.0, 1.2);	( -70.0, -70.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -50.0, -70.0, 0.0, 1.2);
( -40.0, -70.0, 0.0, 1.2);	( -30.0, -70.0, 0.0, 1.2);
( -25.0, -70.0, 0.0, 1.2);	( -20.0, -70.0, 0.0, 1.2);
( -17.0, -70.0, 0.0, 1.2);	( -15.0, -70.0, 0.0, 1.2);
( -13.0, -70.0, 0.0, 1.2);	( -11.0, -70.0, 0.0, 1.2);
( -9.0, -70.0, 0.0, 1.2);	( 9.0, -70.0, 0.0, 1.2);
( 11.0, -70.0, 0.0, 1.2);	( 13.0, -70.0, 0.0, 1.2);
( 15.0, -70.0, 0.0, 1.2);	( 17.0, -70.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 25.0, -70.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 40.0, -70.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 60.0, -70.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 80.0, -70.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 100.0, -70.0, 0.0, 1.2);
( -100.0, -60.0, 0.0, 1.2);	( -90.0, -60.0, 0.0, 1.2);
( -80.0, -60.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -60.0, -60.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);
( -40.0, -60.0, 0.0, 1.2);	( -30.0, -60.0, 0.0, 1.2);
( -25.0, -60.0, 0.0, 1.2);	( -20.0, -60.0, 0.0, 1.2);
( -17.0, -60.0, 0.0, 1.2);	( -15.0, -60.0, 0.0, 1.2);
( -13.0, -60.0, 0.0, 1.2);	( -11.0, -60.0, 0.0, 1.2);
( -9.0, -60.0, 0.0, 1.2);	( 9.0, -60.0, 0.0, 1.2);
( 11.0, -60.0, 0.0, 1.2);	( 13.0, -60.0, 0.0, 1.2);
( 15.0, -60.0, 0.0, 1.2);	( 17.0, -60.0, 0.0, 1.2);
( 20.0, -60.0, 0.0, 1.2);	( 25.0, -60.0, 0.0, 1.2);
( 30.0, -60.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 50.0, -60.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 70.0, -60.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 90.0, -60.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( -100.0, -50.0, 0.0, 1.2);	( -90.0, -50.0, 0.0, 1.2);
( -80.0, -50.0, 0.0, 1.2);	( -70.0, -50.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -50.0, -50.0, 0.0, 1.2);
( -40.0, -50.0, 0.0, 1.2);	( -30.0, -50.0, 0.0, 1.2);
( -25.0, -50.0, 0.0, 1.2);	( -20.0, -50.0, 0.0, 1.2);
( -17.0, -50.0, 0.0, 1.2);	( -15.0, -50.0, 0.0, 1.2);
( -13.0, -50.0, 0.0, 1.2);	( -11.0, -50.0, 0.0, 1.2);
( -9.0, -50.0, 0.0, 1.2);	( 9.0, -50.0, 0.0, 1.2);
( 11.0, -50.0, 0.0, 1.2);	( 13.0, -50.0, 0.0, 1.2);
( 15.0, -50.0, 0.0, 1.2);	( 17.0, -50.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 25.0, -50.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 40.0, -50.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 60.0, -50.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 70.0, -50.0, 0.0, 1.2); ( 80.0, -50.0, 0.0, 1.2);  
( 90.0, -50.0, 0.0, 1.2); ( 100.0, -50.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\*  
\*\*\*

10:17:45  
\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, -40.0, 0.0, 1.2); ( -90.0, -40.0, 0.0, 1.2);  
( -80.0, -40.0, 0.0, 1.2); ( -70.0, -40.0, 0.0, 1.2);  
( -60.0, -40.0, 0.0, 1.2); ( -50.0, -40.0, 0.0, 1.2);  
( -40.0, -40.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -25.0, -40.0, 0.0, 1.2); ( -20.0, -40.0, 0.0, 1.2);  
( -17.0, -40.0, 0.0, 1.2); ( -15.0, -40.0, 0.0, 1.2);  
( -13.0, -40.0, 0.0, 1.2); ( -11.0, -40.0, 0.0, 1.2);  
( -9.0, -40.0, 0.0, 1.2); ( 9.0, -40.0, 0.0, 1.2);  
( 11.0, -40.0, 0.0, 1.2); ( 13.0, -40.0, 0.0, 1.2);  
( 15.0, -40.0, 0.0, 1.2); ( 17.0, -40.0, 0.0, 1.2);  
( 20.0, -40.0, 0.0, 1.2); ( 25.0, -40.0, 0.0, 1.2);  
( 30.0, -40.0, 0.0, 1.2); ( 40.0, -40.0, 0.0, 1.2);  
( 50.0, -40.0, 0.0, 1.2); ( 60.0, -40.0, 0.0, 1.2);  
( 70.0, -40.0, 0.0, 1.2); ( 80.0, -40.0, 0.0, 1.2);  
( 90.0, -40.0, 0.0, 1.2); ( 100.0, -40.0, 0.0, 1.2);  
( -100.0, -30.0, 0.0, 1.2); ( -90.0, -30.0, 0.0, 1.2);  
( -80.0, -30.0, 0.0, 1.2); ( -70.0, -30.0, 0.0, 1.2);  
( -60.0, -30.0, 0.0, 1.2); ( -50.0, -30.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -30.0, -30.0, 0.0, 1.2);  
( -25.0, -30.0, 0.0, 1.2); ( -20.0, -30.0, 0.0, 1.2);  
( -17.0, -30.0, 0.0, 1.2); ( -15.0, -30.0, 0.0, 1.2);  
( -13.0, -30.0, 0.0, 1.2); ( -11.0, -30.0, 0.0, 1.2);  
( -9.0, -30.0, 0.0, 1.2); ( 9.0, -30.0, 0.0, 1.2);  
( 11.0, -30.0, 0.0, 1.2); ( 13.0, -30.0, 0.0, 1.2);  
( 15.0, -30.0, 0.0, 1.2); ( 17.0, -30.0, 0.0, 1.2);  
( 20.0, -30.0, 0.0, 1.2); ( 25.0, -30.0, 0.0, 1.2);  
( 30.0, -30.0, 0.0, 1.2); ( 40.0, -30.0, 0.0, 1.2);  
( 50.0, -30.0, 0.0, 1.2); ( 60.0, -30.0, 0.0, 1.2);  
( 70.0, -30.0, 0.0, 1.2); ( 80.0, -30.0, 0.0, 1.2);  
( 90.0, -30.0, 0.0, 1.2); ( 100.0, -30.0, 0.0, 1.2);  
( -100.0, -20.0, 0.0, 1.2); ( -90.0, -20.0, 0.0, 1.2);  
( -80.0, -20.0, 0.0, 1.2); ( -70.0, -20.0, 0.0, 1.2);  
( -60.0, -20.0, 0.0, 1.2); ( -50.0, -20.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -30.0, -20.0, 0.0, 1.2);  
( -25.0, -20.0, 0.0, 1.2); ( -20.0, -20.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -17.0,	-20.0,	0.0,	1.2);	( -15.0,	-20.0,	0.0,	1.2);
( -13.0,	-20.0,	0.0,	1.2);	( -11.0,	-20.0,	0.0,	1.2);
( -9.0,	-20.0,	0.0,	1.2);	( 9.0,	-20.0,	0.0,	1.2);
( 11.0,	-20.0,	0.0,	1.2);	( 13.0,	-20.0,	0.0,	1.2);
( 15.0,	-20.0,	0.0,	1.2);	( 17.0,	-20.0,	0.0,	1.2);
( 20.0,	-20.0,	0.0,	1.2);	( 25.0,	-20.0,	0.0,	1.2);
( 30.0,	-20.0,	0.0,	1.2);	( 40.0,	-20.0,	0.0,	1.2);
( 50.0,	-20.0,	0.0,	1.2);	( 60.0,	-20.0,	0.0,	1.2);
( 70.0,	-20.0,	0.0,	1.2);	( 80.0,	-20.0,	0.0,	1.2);
( 90.0,	-20.0,	0.0,	1.2);	( 100.0,	-20.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	-10.0,	0.0,	1.2);	( -90.0,	-10.0,	0.0,	1.2);
( -80.0,	-10.0,	0.0,	1.2);	( -70.0,	-10.0,	0.0,	1.2);
( -60.0,	-10.0,	0.0,	1.2);	( -50.0,	-10.0,	0.0,	1.2);
( -40.0,	-10.0,	0.0,	1.2);	( -30.0,	-10.0,	0.0,	1.2);
( -25.0,	-10.0,	0.0,	1.2);	( -20.0,	-10.0,	0.0,	1.2);
( -17.0,	-10.0,	0.0,	1.2);	( -15.0,	-10.0,	0.0,	1.2);
( -13.0,	-10.0,	0.0,	1.2);	( -11.0,	-10.0,	0.0,	1.2);
( -9.0,	-10.0,	0.0,	1.2);	( 9.0,	-10.0,	0.0,	1.2);
( 11.0,	-10.0,	0.0,	1.2);	( 13.0,	-10.0,	0.0,	1.2);
( 15.0,	-10.0,	0.0,	1.2);	( 17.0,	-10.0,	0.0,	1.2);
( 20.0,	-10.0,	0.0,	1.2);	( 25.0,	-10.0,	0.0,	1.2);
( 30.0,	-10.0,	0.0,	1.2);	( 40.0,	-10.0,	0.0,	1.2);
( 50.0,	-10.0,	0.0,	1.2);	( 60.0,	-10.0,	0.0,	1.2);
( 70.0,	-10.0,	0.0,	1.2);	( 80.0,	-10.0,	0.0,	1.2);
( 90.0,	-10.0,	0.0,	1.2);	( 100.0,	-10.0,	0.0,	1.2);
( -100.0,	0.0,	0.0,	1.2);	( -90.0,	0.0,	0.0,	1.2);
( -80.0,	0.0,	0.0,	1.2);	( -70.0,	0.0,	0.0,	1.2);
( -60.0,	0.0,	0.0,	1.2);	( -50.0,	0.0,	0.0,	1.2);
( -40.0,	0.0,	0.0,	1.2);	( -30.0,	0.0,	0.0,	1.2);
( -25.0,	0.0,	0.0,	1.2);	( -20.0,	0.0,	0.0,	1.2);
( -17.0,	0.0,	0.0,	1.2);	( -15.0,	0.0,	0.0,	1.2);
( -13.0,	0.0,	0.0,	1.2);	( -11.0,	0.0,	0.0,	1.2);
( -9.0,	0.0,	0.0,	1.2);	( 9.0,	0.0,	0.0,	1.2);
( 11.0,	0.0,	0.0,	1.2);	( 13.0,	0.0,	0.0,	1.2);
( 15.0,	0.0,	0.0,	1.2);	( 17.0,	0.0,	0.0,	1.2);
( 20.0,	0.0,	0.0,	1.2);	( 25.0,	0.0,	0.0,	1.2);
( 30.0,	0.0,	0.0,	1.2);	( 40.0,	0.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 50.0,	0.0,	0.0,	1.2);	( 60.0,	0.0,	0.0,	1.2);
( 70.0,	0.0,	0.0,	1.2);	( 80.0,	0.0,	0.0,	1.2);
( 90.0,	0.0,	0.0,	1.2);	( 100.0,	0.0,	0.0,	1.2);
( -100.0,	10.0,	0.0,	1.2);	( -90.0,	10.0,	0.0,	1.2);
( -80.0,	10.0,	0.0,	1.2);	( -70.0,	10.0,	0.0,	1.2);
( -60.0,	10.0,	0.0,	1.2);	( -50.0,	10.0,	0.0,	1.2);
( -40.0,	10.0,	0.0,	1.2);	( -30.0,	10.0,	0.0,	1.2);
( -25.0,	10.0,	0.0,	1.2);	( -20.0,	10.0,	0.0,	1.2);
( -17.0,	10.0,	0.0,	1.2);	( -15.0,	10.0,	0.0,	1.2);
( -13.0,	10.0,	0.0,	1.2);	( -11.0,	10.0,	0.0,	1.2);
( -9.0,	10.0,	0.0,	1.2);	( 9.0,	10.0,	0.0,	1.2);
( 11.0,	10.0,	0.0,	1.2);	( 13.0,	10.0,	0.0,	1.2);
( 15.0,	10.0,	0.0,	1.2);	( 17.0,	10.0,	0.0,	1.2);
( 20.0,	10.0,	0.0,	1.2);	( 25.0,	10.0,	0.0,	1.2);
( 30.0,	10.0,	0.0,	1.2);	( 40.0,	10.0,	0.0,	1.2);
( 50.0,	10.0,	0.0,	1.2);	( 60.0,	10.0,	0.0,	1.2);
( 70.0,	10.0,	0.0,	1.2);	( 80.0,	10.0,	0.0,	1.2);
( 90.0,	10.0,	0.0,	1.2);	( 100.0,	10.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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10:17:45

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

\*\*MODELOPTs:  
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	20.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -80.0,	20.0,	0.0,	1.2);	( -70.0,	20.0,	0.0,	1.2);
( -60.0,	20.0,	0.0,	1.2);	( -50.0,	20.0,	0.0,	1.2);
( -40.0,	20.0,	0.0,	1.2);	( -30.0,	20.0,	0.0,	1.2);
( -25.0,	20.0,	0.0,	1.2);	( -20.0,	20.0,	0.0,	1.2);
( -17.0,	20.0,	0.0,	1.2);	( -15.0,	20.0,	0.0,	1.2);
( -13.0,	20.0,	0.0,	1.2);	( -11.0,	20.0,	0.0,	1.2);
( -9.0,	20.0,	0.0,	1.2);	( 9.0,	20.0,	0.0,	1.2);
( 11.0,	20.0,	0.0,	1.2);	( 13.0,	20.0,	0.0,	1.2);
( 15.0,	20.0,	0.0,	1.2);	( 17.0,	20.0,	0.0,	1.2);
( 20.0,	20.0,	0.0,	1.2);	( 25.0,	20.0,	0.0,	1.2);
( 30.0,	20.0,	0.0,	1.2);	( 40.0,	20.0,	0.0,	1.2);
( 50.0,	20.0,	0.0,	1.2);	( 60.0,	20.0,	0.0,	1.2);
( 70.0,	20.0,	0.0,	1.2);	( 80.0,	20.0,	0.0,	1.2);
( 90.0,	20.0,	0.0,	1.2);	( 100.0,	20.0,	0.0,	1.2);
( -100.0,	30.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -80.0,	30.0,	0.0,	1.2);	( -70.0,	30.0,	0.0,	1.2);
( -60.0,	30.0,	0.0,	1.2);	( -50.0,	30.0,	0.0,	1.2);
( -40.0,	30.0,	0.0,	1.2);	( -30.0,	30.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -25.0,	30.0,	0.0,	1.2);	( -20.0,	30.0,	0.0,	1.2);
( -17.0,	30.0,	0.0,	1.2);	( -15.0,	30.0,	0.0,	1.2);
( -13.0,	30.0,	0.0,	1.2);	( -11.0,	30.0,	0.0,	1.2);
( -9.0,	30.0,	0.0,	1.2);	( 9.0,	30.0,	0.0,	1.2);
( 11.0,	30.0,	0.0,	1.2);	( 13.0,	30.0,	0.0,	1.2);
( 15.0,	30.0,	0.0,	1.2);	( 17.0,	30.0,	0.0,	1.2);
( 20.0,	30.0,	0.0,	1.2);	( 25.0,	30.0,	0.0,	1.2);
( 30.0,	30.0,	0.0,	1.2);	( 40.0,	30.0,	0.0,	1.2);
( 50.0,	30.0,	0.0,	1.2);	( 60.0,	30.0,	0.0,	1.2);
( 70.0,	30.0,	0.0,	1.2);	( 80.0,	30.0,	0.0,	1.2);
( 90.0,	30.0,	0.0,	1.2);	( 100.0,	30.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -90.0,	40.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -70.0,	40.0,	0.0,	1.2);
( -60.0,	40.0,	0.0,	1.2);	( -50.0,	40.0,	0.0,	1.2);
( -40.0,	40.0,	0.0,	1.2);	( -30.0,	40.0,	0.0,	1.2);
( -25.0,	40.0,	0.0,	1.2);	( -20.0,	40.0,	0.0,	1.2);
( -17.0,	40.0,	0.0,	1.2);	( -15.0,	40.0,	0.0,	1.2);
( -13.0,	40.0,	0.0,	1.2);	( -11.0,	40.0,	0.0,	1.2);
( -9.0,	40.0,	0.0,	1.2);	( 9.0,	40.0,	0.0,	1.2);
( 11.0,	40.0,	0.0,	1.2);	( 13.0,	40.0,	0.0,	1.2);
( 15.0,	40.0,	0.0,	1.2);	( 17.0,	40.0,	0.0,	1.2);
( 20.0,	40.0,	0.0,	1.2);	( 25.0,	40.0,	0.0,	1.2);
( 30.0,	40.0,	0.0,	1.2);	( 40.0,	40.0,	0.0,	1.2);
( 50.0,	40.0,	0.0,	1.2);	( 60.0,	40.0,	0.0,	1.2);
( 70.0,	40.0,	0.0,	1.2);	( 80.0,	40.0,	0.0,	1.2);
( 90.0,	40.0,	0.0,	1.2);	( 100.0,	40.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	50.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -80.0,	50.0,	0.0,	1.2);	( -70.0,	50.0,	0.0,	1.2);
( -60.0,	50.0,	0.0,	1.2);	( -50.0,	50.0,	0.0,	1.2);
( -40.0,	50.0,	0.0,	1.2);	( -30.0,	50.0,	0.0,	1.2);
( -25.0,	50.0,	0.0,	1.2);	( -20.0,	50.0,	0.0,	1.2);
( -17.0,	50.0,	0.0,	1.2);	( -15.0,	50.0,	0.0,	1.2);
( -13.0,	50.0,	0.0,	1.2);	( -11.0,	50.0,	0.0,	1.2);
( -9.0,	50.0,	0.0,	1.2);	( 9.0,	50.0,	0.0,	1.2);
( 11.0,	50.0,	0.0,	1.2);	( 13.0,	50.0,	0.0,	1.2);
( 15.0,	50.0,	0.0,	1.2);	( 17.0,	50.0,	0.0,	1.2);
( 20.0,	50.0,	0.0,	1.2);	( 25.0,	50.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 30.0,	50.0,	0.0,	1.2);	( 40.0,	50.0,	0.0,	1.2);
( 50.0,	50.0,	0.0,	1.2);	( 60.0,	50.0,	0.0,	1.2);
( 70.0,	50.0,	0.0,	1.2);	( 80.0,	50.0,	0.0,	1.2);
( 90.0,	50.0,	0.0,	1.2);	( 100.0,	50.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -90.0,	60.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -70.0,	60.0,	0.0,	1.2);
( -60.0,	60.0,	0.0,	1.2);	( -50.0,	60.0,	0.0,	1.2);
( -40.0,	60.0,	0.0,	1.2);	( -30.0,	60.0,	0.0,	1.2);
( -25.0,	60.0,	0.0,	1.2);	( -20.0,	60.0,	0.0,	1.2);
( -17.0,	60.0,	0.0,	1.2);	( -15.0,	60.0,	0.0,	1.2);
( -13.0,	60.0,	0.0,	1.2);	( -11.0,	60.0,	0.0,	1.2);
( -9.0,	60.0,	0.0,	1.2);	( 9.0,	60.0,	0.0,	1.2);
( 11.0,	60.0,	0.0,	1.2);	( 13.0,	60.0,	0.0,	1.2);
( 15.0,	60.0,	0.0,	1.2);	( 17.0,	60.0,	0.0,	1.2);
( 20.0,	60.0,	0.0,	1.2);	( 25.0,	60.0,	0.0,	1.2);
( 30.0,	60.0,	0.0,	1.2);	( 40.0,	60.0,	0.0,	1.2);
( 50.0,	60.0,	0.0,	1.2);	( 60.0,	60.0,	0.0,	1.2);
( 70.0,	60.0,	0.0,	1.2);	( 80.0,	60.0,	0.0,	1.2);
( 90.0,	60.0,	0.0,	1.2);	( 100.0,	60.0,	0.0,	1.2);
( -100.0,	70.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -80.0,	70.0,	0.0,	1.2);	( -70.0,	70.0,	0.0,	1.2);
( -60.0,	70.0,	0.0,	1.2);	( -50.0,	70.0,	0.0,	1.2);
( -40.0,	70.0,	0.0,	1.2);	( -30.0,	70.0,	0.0,	1.2);
( -25.0,	70.0,	0.0,	1.2);	( -20.0,	70.0,	0.0,	1.2);
( -17.0,	70.0,	0.0,	1.2);	( -15.0,	70.0,	0.0,	1.2);
( -13.0,	70.0,	0.0,	1.2);	( -11.0,	70.0,	0.0,	1.2);
( -9.0,	70.0,	0.0,	1.2);	( 9.0,	70.0,	0.0,	1.2);
( 11.0,	70.0,	0.0,	1.2);	( 13.0,	70.0,	0.0,	1.2);
( 15.0,	70.0,	0.0,	1.2);	( 17.0,	70.0,	0.0,	1.2);
( 20.0,	70.0,	0.0,	1.2);	( 25.0,	70.0,	0.0,	1.2);
( 30.0,	70.0,	0.0,	1.2);	( 40.0,	70.0,	0.0,	1.2);
( 50.0,	70.0,	0.0,	1.2);	( 60.0,	70.0,	0.0,	1.2);
( 70.0,	70.0,	0.0,	1.2);	( 80.0,	70.0,	0.0,	1.2);
( 90.0,	70.0,	0.0,	1.2);	( 100.0,	70.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	80.0,	0.0,	1.2);	( -90.0,	80.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -70.0,	80.0,	0.0,	1.2);
( -60.0,	80.0,	0.0,	1.2);	( -50.0,	80.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -40.0,	80.0,	0.0,	1.2);	( -30.0,	80.0,	0.0,	1.2);
( -25.0,	80.0,	0.0,	1.2);	( -20.0,	80.0,	0.0,	1.2);
( -17.0,	80.0,	0.0,	1.2);	( -15.0,	80.0,	0.0,	1.2);
( -13.0,	80.0,	0.0,	1.2);	( -11.0,	80.0,	0.0,	1.2);
( -9.0,	80.0,	0.0,	1.2);	( 9.0,	80.0,	0.0,	1.2);
( 11.0,	80.0,	0.0,	1.2);	( 13.0,	80.0,	0.0,	1.2);
( 15.0,	80.0,	0.0,	1.2);	( 17.0,	80.0,	0.0,	1.2);
( 20.0,	80.0,	0.0,	1.2);	( 25.0,	80.0,	0.0,	1.2);
( 30.0,	80.0,	0.0,	1.2);	( 40.0,	80.0,	0.0,	1.2);
( 50.0,	80.0,	0.0,	1.2);	( 60.0,	80.0,	0.0,	1.2);
( 70.0,	80.0,	0.0,	1.2);	( 80.0,	80.0,	0.0,	1.2);
( 90.0,	80.0,	0.0,	1.2);	( 100.0,	80.0,	0.0,	1.2);
( -100.0,	90.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -80.0,	90.0,	0.0,	1.2);	( -70.0,	90.0,	0.0,	1.2);
( -60.0,	90.0,	0.0,	1.2);	( -50.0,	90.0,	0.0,	1.2);
( -40.0,	90.0,	0.0,	1.2);	( -30.0,	90.0,	0.0,	1.2);
( -25.0,	90.0,	0.0,	1.2);	( -20.0,	90.0,	0.0,	1.2);
( -17.0,	90.0,	0.0,	1.2);	( -15.0,	90.0,	0.0,	1.2);
( -13.0,	90.0,	0.0,	1.2);	( -11.0,	90.0,	0.0,	1.2);
( -9.0,	90.0,	0.0,	1.2);	( 9.0,	90.0,	0.0,	1.2);
( 11.0,	90.0,	0.0,	1.2);	( 13.0,	90.0,	0.0,	1.2);
( 15.0,	90.0,	0.0,	1.2);	( 17.0,	90.0,	0.0,	1.2);
( 20.0,	90.0,	0.0,	1.2);	( 25.0,	90.0,	0.0,	1.2);
( 30.0,	90.0,	0.0,	1.2);	( 40.0,	90.0,	0.0,	1.2);
( 50.0,	90.0,	0.0,	1.2);	( 60.0,	90.0,	0.0,	1.2);
( 70.0,	90.0,	0.0,	1.2);	( 80.0,	90.0,	0.0,	1.2);
( 90.0,	90.0,	0.0,	1.2);	( 100.0,	90.0,	0.0,	1.2);
( -100.0,	100.0,	0.0,	1.2);	( -90.0,	100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -70.0,	100.0,	0.0,	1.2);
( -60.0,	100.0,	0.0,	1.2);	( -50.0,	100.0,	0.0,	1.2);
( -40.0,	100.0,	0.0,	1.2);	( -30.0,	100.0,	0.0,	1.2);
( -25.0,	100.0,	0.0,	1.2);	( -20.0,	100.0,	0.0,	1.2);
( -17.0,	100.0,	0.0,	1.2);	( -15.0,	100.0,	0.0,	1.2);
( -13.0,	100.0,	0.0,	1.2);	( -11.0,	100.0,	0.0,	1.2);
( -9.0,	100.0,	0.0,	1.2);	( 9.0,	100.0,	0.0,	1.2);
( 11.0,	100.0,	0.0,	1.2);	( 13.0,	100.0,	0.0,	1.2);
( 15.0,	100.0,	0.0,	1.2);	( 17.0,	100.0,	0.0,	1.2);
( 20.0,	100.0,	0.0,	1.2);	( 25.0,	100.0,	0.0,	1.2);
( 30.0,	100.0,	0.0,	1.2);	( 40.0,	100.0,	0.0,	1.2);
( 50.0,	100.0,	0.0,	1.2);	( 60.0,	100.0,	0.0,	1.2);
( 70.0,	100.0,	0.0,	1.2);	( 80.0,	100.0,	0.0,	1.2);
( 90.0,	100.0,	0.0,	1.2);	( 100.0,	100.0,	0.0,	1.2);



\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0, 110.0, 0.0, 1.2);	( -90.0, 110.0, 0.0, 1.2);
( -80.0, 110.0, 0.0, 1.2);	( -70.0, 110.0, 0.0, 1.2);
( -60.0, 110.0, 0.0, 1.2);	( -50.0, 110.0, 0.0, 1.2);
( -40.0, 110.0, 0.0, 1.2);	( -30.0, 110.0, 0.0, 1.2);
( -25.0, 110.0, 0.0, 1.2);	( -20.0, 110.0, 0.0, 1.2);
( -17.0, 110.0, 0.0, 1.2);	( -15.0, 110.0, 0.0, 1.2);
( -13.0, 110.0, 0.0, 1.2);	( -11.0, 110.0, 0.0, 1.2);
( -9.0, 110.0, 0.0, 1.2);	( 9.0, 110.0, 0.0, 1.2);
( 11.0, 110.0, 0.0, 1.2);	( 13.0, 110.0, 0.0, 1.2);
( 15.0, 110.0, 0.0, 1.2);	( 17.0, 110.0, 0.0, 1.2);
( 20.0, 110.0, 0.0, 1.2);	( 25.0, 110.0, 0.0, 1.2);
( 30.0, 110.0, 0.0, 1.2);	( 40.0, 110.0, 0.0, 1.2);
( 50.0, 110.0, 0.0, 1.2);	( 60.0, 110.0, 0.0, 1.2);
( 70.0, 110.0, 0.0, 1.2);	( 80.0, 110.0, 0.0, 1.2);
( 90.0, 110.0, 0.0, 1.2);	( 100.0, 110.0, 0.0, 1.2);
( -100.0, 120.0, 0.0, 1.2);	( -90.0, 120.0, 0.0, 1.2);
( -80.0, 120.0, 0.0, 1.2);	( -70.0, 120.0, 0.0, 1.2);
( -60.0, 120.0, 0.0, 1.2);	( -50.0, 120.0, 0.0, 1.2);
( -40.0, 120.0, 0.0, 1.2);	( -30.0, 120.0, 0.0, 1.2);
( -25.0, 120.0, 0.0, 1.2);	( -20.0, 120.0, 0.0, 1.2);
( -17.0, 120.0, 0.0, 1.2);	( -15.0, 120.0, 0.0, 1.2);
( -13.0, 120.0, 0.0, 1.2);	( -11.0, 120.0, 0.0, 1.2);
( -9.0, 120.0, 0.0, 1.2);	( 9.0, 120.0, 0.0, 1.2);
( 11.0, 120.0, 0.0, 1.2);	( 13.0, 120.0, 0.0, 1.2);
( 15.0, 120.0, 0.0, 1.2);	( 17.0, 120.0, 0.0, 1.2);
( 20.0, 120.0, 0.0, 1.2);	( 25.0, 120.0, 0.0, 1.2);
( 30.0, 120.0, 0.0, 1.2);	( 40.0, 120.0, 0.0, 1.2);
( 50.0, 120.0, 0.0, 1.2);	( 60.0, 120.0, 0.0, 1.2);
( 70.0, 120.0, 0.0, 1.2);	( 80.0, 120.0, 0.0, 1.2);
( 90.0, 120.0, 0.0, 1.2);	( 100.0, 120.0, 0.0, 1.2);
( -100.0, 130.0, 0.0, 1.2);	( -90.0, 130.0, 0.0, 1.2);
( -80.0, 130.0, 0.0, 1.2);	( -70.0, 130.0, 0.0, 1.2);
( -60.0, 130.0, 0.0, 1.2);	( -50.0, 130.0, 0.0, 1.2);
( -40.0, 130.0, 0.0, 1.2);	( -30.0, 130.0, 0.0, 1.2);
( -25.0, 130.0, 0.0, 1.2);	( -20.0, 130.0, 0.0, 1.2);
( -17.0, 130.0, 0.0, 1.2);	( -15.0, 130.0, 0.0, 1.2);
( -13.0, 130.0, 0.0, 1.2);	( -11.0, 130.0, 0.0, 1.2);
( -9.0, 130.0, 0.0, 1.2);	( 9.0, 130.0, 0.0, 1.2);
( 11.0, 130.0, 0.0, 1.2);	( 13.0, 130.0, 0.0, 1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 15.0,	130.0,	0.0,	1.2);	( 17.0,	130.0,	0.0,	1.2);
( 20.0,	130.0,	0.0,	1.2);	( 25.0,	130.0,	0.0,	1.2);
( 30.0,	130.0,	0.0,	1.2);	( 40.0,	130.0,	0.0,	1.2);
( 50.0,	130.0,	0.0,	1.2);	( 60.0,	130.0,	0.0,	1.2);
( 70.0,	130.0,	0.0,	1.2);	( 80.0,	130.0,	0.0,	1.2);
( 90.0,	130.0,	0.0,	1.2);	( 100.0,	130.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	140.0,	0.0,	1.2);	( -90.0,	140.0,	0.0,	1.2);
( -80.0,	140.0,	0.0,	1.2);	( -70.0,	140.0,	0.0,	1.2);
( -60.0,	140.0,	0.0,	1.2);	( -50.0,	140.0,	0.0,	1.2);
( -40.0,	140.0,	0.0,	1.2);	( -30.0,	140.0,	0.0,	1.2);
( -25.0,	140.0,	0.0,	1.2);	( -20.0,	140.0,	0.0,	1.2);
( -17.0,	140.0,	0.0,	1.2);	( -15.0,	140.0,	0.0,	1.2);
( -13.0,	140.0,	0.0,	1.2);	( -11.0,	140.0,	0.0,	1.2);
( -9.0,	140.0,	0.0,	1.2);	( 9.0,	140.0,	0.0,	1.2);
( 11.0,	140.0,	0.0,	1.2);	( 13.0,	140.0,	0.0,	1.2);
( 15.0,	140.0,	0.0,	1.2);	( 17.0,	140.0,	0.0,	1.2);
( 20.0,	140.0,	0.0,	1.2);	( 25.0,	140.0,	0.0,	1.2);
( 30.0,	140.0,	0.0,	1.2);	( 40.0,	140.0,	0.0,	1.2);
( 50.0,	140.0,	0.0,	1.2);	( 60.0,	140.0,	0.0,	1.2);
( 70.0,	140.0,	0.0,	1.2);	( 80.0,	140.0,	0.0,	1.2);
( 90.0,	140.0,	0.0,	1.2);	( 100.0,	140.0,	0.0,	1.2);
( -100.0,	150.0,	0.0,	1.2);	( -90.0,	150.0,	0.0,	1.2);
( -80.0,	150.0,	0.0,	1.2);	( -70.0,	150.0,	0.0,	1.2);
( -60.0,	150.0,	0.0,	1.2);	( -50.0,	150.0,	0.0,	1.2);
( -40.0,	150.0,	0.0,	1.2);	( -30.0,	150.0,	0.0,	1.2);
( -25.0,	150.0,	0.0,	1.2);	( -20.0,	150.0,	0.0,	1.2);
( -17.0,	150.0,	0.0,	1.2);	( -15.0,	150.0,	0.0,	1.2);
( -13.0,	150.0,	0.0,	1.2);	( -11.0,	150.0,	0.0,	1.2);
( -9.0,	150.0,	0.0,	1.2);	( 9.0,	150.0,	0.0,	1.2);
( 11.0,	150.0,	0.0,	1.2);	( 13.0,	150.0,	0.0,	1.2);
( 15.0,	150.0,	0.0,	1.2);	( 17.0,	150.0,	0.0,	1.2);
( 20.0,	150.0,	0.0,	1.2);	( 25.0,	150.0,	0.0,	1.2);
( 30.0,	150.0,	0.0,	1.2);	( 40.0,	150.0,	0.0,	1.2);
( 50.0,	150.0,	0.0,	1.2);	( 60.0,	150.0,	0.0,	1.2);
( 70.0,	150.0,	0.0,	1.2);	( 80.0,	150.0,	0.0,	1.2);
( 90.0,	150.0,	0.0,	1.2);	( 100.0,	150.0,	0.0,	1.2);
( -100.0,	160.0,	0.0,	1.2);	( -90.0,	160.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -80.0,	160.0,	0.0,	1.2);	( -70.0,	160.0,	0.0,	1.2);
( -60.0,	160.0,	0.0,	1.2);	( -50.0,	160.0,	0.0,	1.2);
( -40.0,	160.0,	0.0,	1.2);	( -30.0,	160.0,	0.0,	1.2);
( -25.0,	160.0,	0.0,	1.2);	( -20.0,	160.0,	0.0,	1.2);
( -17.0,	160.0,	0.0,	1.2);	( -15.0,	160.0,	0.0,	1.2);
( -13.0,	160.0,	0.0,	1.2);	( -11.0,	160.0,	0.0,	1.2);
( -9.0,	160.0,	0.0,	1.2);	( 9.0,	160.0,	0.0,	1.2);
( 11.0,	160.0,	0.0,	1.2);	( 13.0,	160.0,	0.0,	1.2);
( 15.0,	160.0,	0.0,	1.2);	( 17.0,	160.0,	0.0,	1.2);
( 20.0,	160.0,	0.0,	1.2);	( 25.0,	160.0,	0.0,	1.2);
( 30.0,	160.0,	0.0,	1.2);	( 40.0,	160.0,	0.0,	1.2);
( 50.0,	160.0,	0.0,	1.2);	( 60.0,	160.0,	0.0,	1.2);
( 70.0,	160.0,	0.0,	1.2);	( 80.0,	160.0,	0.0,	1.2);
( 90.0,	160.0,	0.0,	1.2);	( 100.0,	160.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	170.0,	0.0,	1.2);	( -90.0,	170.0,	0.0,	1.2);
( -80.0,	170.0,	0.0,	1.2);	( -70.0,	170.0,	0.0,	1.2);
( -60.0,	170.0,	0.0,	1.2);	( -50.0,	170.0,	0.0,	1.2);
( -40.0,	170.0,	0.0,	1.2);	( -30.0,	170.0,	0.0,	1.2);
( -25.0,	170.0,	0.0,	1.2);	( -20.0,	170.0,	0.0,	1.2);
( -17.0,	170.0,	0.0,	1.2);	( -15.0,	170.0,	0.0,	1.2);
( -13.0,	170.0,	0.0,	1.2);	( -11.0,	170.0,	0.0,	1.2);
( -9.0,	170.0,	0.0,	1.2);	( 9.0,	170.0,	0.0,	1.2);
( 11.0,	170.0,	0.0,	1.2);	( 13.0,	170.0,	0.0,	1.2);
( 15.0,	170.0,	0.0,	1.2);	( 17.0,	170.0,	0.0,	1.2);
( 20.0,	170.0,	0.0,	1.2);	( 25.0,	170.0,	0.0,	1.2);
( 30.0,	170.0,	0.0,	1.2);	( 40.0,	170.0,	0.0,	1.2);
( 50.0,	170.0,	0.0,	1.2);	( 60.0,	170.0,	0.0,	1.2);
( 70.0,	170.0,	0.0,	1.2);	( 80.0,	170.0,	0.0,	1.2);
( 90.0,	170.0,	0.0,	1.2);	( 100.0,	170.0,	0.0,	1.2);
( -100.0,	180.0,	0.0,	1.2);	( -90.0,	180.0,	0.0,	1.2);
( -80.0,	180.0,	0.0,	1.2);	( -70.0,	180.0,	0.0,	1.2);
( -60.0,	180.0,	0.0,	1.2);	( -50.0,	180.0,	0.0,	1.2);
( -40.0,	180.0,	0.0,	1.2);	( -30.0,	180.0,	0.0,	1.2);
( -25.0,	180.0,	0.0,	1.2);	( -20.0,	180.0,	0.0,	1.2);
( -17.0,	180.0,	0.0,	1.2);	( -15.0,	180.0,	0.0,	1.2);
( -13.0,	180.0,	0.0,	1.2);	( -11.0,	180.0,	0.0,	1.2);
( -9.0,	180.0,	0.0,	1.2);	( 9.0,	180.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( 11.0,	180.0,	0.0,	1.2);	( 13.0,	180.0,	0.0,	1.2);
( 15.0,	180.0,	0.0,	1.2);	( 17.0,	180.0,	0.0,	1.2);
( 20.0,	180.0,	0.0,	1.2);	( 25.0,	180.0,	0.0,	1.2);
( 30.0,	180.0,	0.0,	1.2);	( 40.0,	180.0,	0.0,	1.2);
( 50.0,	180.0,	0.0,	1.2);	( 60.0,	180.0,	0.0,	1.2);
( 70.0,	180.0,	0.0,	1.2);	( 80.0,	180.0,	0.0,	1.2);
( 90.0,	180.0,	0.0,	1.2);	( 100.0,	180.0,	0.0,	1.2);
( -100.0,	190.0,	0.0,	1.2);	( -90.0,	190.0,	0.0,	1.2);
( -80.0,	190.0,	0.0,	1.2);	( -70.0,	190.0,	0.0,	1.2);
( -60.0,	190.0,	0.0,	1.2);	( -50.0,	190.0,	0.0,	1.2);
( -40.0,	190.0,	0.0,	1.2);	( -30.0,	190.0,	0.0,	1.2);
( -25.0,	190.0,	0.0,	1.2);	( -20.0,	190.0,	0.0,	1.2);
( -17.0,	190.0,	0.0,	1.2);	( -15.0,	190.0,	0.0,	1.2);
( -13.0,	190.0,	0.0,	1.2);	( -11.0,	190.0,	0.0,	1.2);
( -9.0,	190.0,	0.0,	1.2);	( 9.0,	190.0,	0.0,	1.2);
( 11.0,	190.0,	0.0,	1.2);	( 13.0,	190.0,	0.0,	1.2);
( 15.0,	190.0,	0.0,	1.2);	( 17.0,	190.0,	0.0,	1.2);
( 20.0,	190.0,	0.0,	1.2);	( 25.0,	190.0,	0.0,	1.2);
( 30.0,	190.0,	0.0,	1.2);	( 40.0,	190.0,	0.0,	1.2);
( 50.0,	190.0,	0.0,	1.2);	( 60.0,	190.0,	0.0,	1.2);
( 70.0,	190.0,	0.0,	1.2);	( 80.0,	190.0,	0.0,	1.2);
( 90.0,	190.0,	0.0,	1.2);	( 100.0,	190.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:  
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	200.0,	0.0,	1.2);	( -90.0,	200.0,	0.0,	1.2);
( -80.0,	200.0,	0.0,	1.2);	( -70.0,	200.0,	0.0,	1.2);
( -60.0,	200.0,	0.0,	1.2);	( -50.0,	200.0,	0.0,	1.2);
( -40.0,	200.0,	0.0,	1.2);	( -30.0,	200.0,	0.0,	1.2);
( -25.0,	200.0,	0.0,	1.2);	( -20.0,	200.0,	0.0,	1.2);
( -17.0,	200.0,	0.0,	1.2);	( -15.0,	200.0,	0.0,	1.2);
( -13.0,	200.0,	0.0,	1.2);	( -11.0,	200.0,	0.0,	1.2);
( -9.0,	200.0,	0.0,	1.2);	( 9.0,	200.0,	0.0,	1.2);
( 11.0,	200.0,	0.0,	1.2);	( 13.0,	200.0,	0.0,	1.2);
( 15.0,	200.0,	0.0,	1.2);	( 17.0,	200.0,	0.0,	1.2);
( 20.0,	200.0,	0.0,	1.2);	( 25.0,	200.0,	0.0,	1.2);
( 30.0,	200.0,	0.0,	1.2);	( 40.0,	200.0,	0.0,	1.2);
( 50.0,	200.0,	0.0,	1.2);	( 60.0,	200.0,	0.0,	1.2);
( 70.0,	200.0,	0.0,	1.2);	( 80.0,	200.0,	0.0,	1.2);
( 90.0,	200.0,	0.0,	1.2);	( 100.0,	200.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -100.0,	210.0,	0.0,	1.2);	( -90.0,	210.0,	0.0,	1.2);
( -80.0,	210.0,	0.0,	1.2);	( -70.0,	210.0,	0.0,	1.2);
( -60.0,	210.0,	0.0,	1.2);	( -50.0,	210.0,	0.0,	1.2);
( -40.0,	210.0,	0.0,	1.2);	( -30.0,	210.0,	0.0,	1.2);
( -25.0,	210.0,	0.0,	1.2);	( -20.0,	210.0,	0.0,	1.2);
( -17.0,	210.0,	0.0,	1.2);	( -15.0,	210.0,	0.0,	1.2);
( -13.0,	210.0,	0.0,	1.2);	( -11.0,	210.0,	0.0,	1.2);
( -9.0,	210.0,	0.0,	1.2);	( 9.0,	210.0,	0.0,	1.2);
( 11.0,	210.0,	0.0,	1.2);	( 13.0,	210.0,	0.0,	1.2);
( 15.0,	210.0,	0.0,	1.2);	( 17.0,	210.0,	0.0,	1.2);
( 20.0,	210.0,	0.0,	1.2);	( 25.0,	210.0,	0.0,	1.2);
( 30.0,	210.0,	0.0,	1.2);	( 40.0,	210.0,	0.0,	1.2);
( 50.0,	210.0,	0.0,	1.2);	( 60.0,	210.0,	0.0,	1.2);
( 70.0,	210.0,	0.0,	1.2);	( 80.0,	210.0,	0.0,	1.2);
( 90.0,	210.0,	0.0,	1.2);	( 100.0,	210.0,	0.0,	1.2);
( -100.0,	220.0,	0.0,	1.2);	( -90.0,	220.0,	0.0,	1.2);
( -80.0,	220.0,	0.0,	1.2);	( -70.0,	220.0,	0.0,	1.2);
( -60.0,	220.0,	0.0,	1.2);	( -50.0,	220.0,	0.0,	1.2);
( -40.0,	220.0,	0.0,	1.2);	( -30.0,	220.0,	0.0,	1.2);
( -25.0,	220.0,	0.0,	1.2);	( -20.0,	220.0,	0.0,	1.2);
( -17.0,	220.0,	0.0,	1.2);	( -15.0,	220.0,	0.0,	1.2);
( -13.0,	220.0,	0.0,	1.2);	( -11.0,	220.0,	0.0,	1.2);
( -9.0,	220.0,	0.0,	1.2);	( 9.0,	220.0,	0.0,	1.2);
( 11.0,	220.0,	0.0,	1.2);	( 13.0,	220.0,	0.0,	1.2);
( 15.0,	220.0,	0.0,	1.2);	( 17.0,	220.0,	0.0,	1.2);
( 20.0,	220.0,	0.0,	1.2);	( 25.0,	220.0,	0.0,	1.2);
( 30.0,	220.0,	0.0,	1.2);	( 40.0,	220.0,	0.0,	1.2);
( 50.0,	220.0,	0.0,	1.2);	( 60.0,	220.0,	0.0,	1.2);
( 70.0,	220.0,	0.0,	1.2);	( 80.0,	220.0,	0.0,	1.2);
( 90.0,	220.0,	0.0,	1.2);	( 100.0,	220.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	230.0,	0.0,	1.2);	( -90.0,	230.0,	0.0,	1.2);
( -80.0,	230.0,	0.0,	1.2);	( -70.0,	230.0,	0.0,	1.2);
( -60.0,	230.0,	0.0,	1.2);	( -50.0,	230.0,	0.0,	1.2);
( -40.0,	230.0,	0.0,	1.2);	( -30.0,	230.0,	0.0,	1.2);
( -25.0,	230.0,	0.0,	1.2);	( -20.0,	230.0,	0.0,	1.2);
( -17.0,	230.0,	0.0,	1.2);	( -15.0,	230.0,	0.0,	1.2);
( -13.0,	230.0,	0.0,	1.2);	( -11.0,	230.0,	0.0,	1.2);

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

( -9.0,	230.0,	0.0,	1.2);	( -9.0,	230.0,	0.0,	1.2);
( 11.0,	230.0,	0.0,	1.2);	( 13.0,	230.0,	0.0,	1.2);
( 15.0,	230.0,	0.0,	1.2);	( 17.0,	230.0,	0.0,	1.2);
( 20.0,	230.0,	0.0,	1.2);	( 25.0,	230.0,	0.0,	1.2);
( 30.0,	230.0,	0.0,	1.2);	( 40.0,	230.0,	0.0,	1.2);
( 50.0,	230.0,	0.0,	1.2);	( 60.0,	230.0,	0.0,	1.2);
( 70.0,	230.0,	0.0,	1.2);	( 80.0,	230.0,	0.0,	1.2);
( 90.0,	230.0,	0.0,	1.2);	( 100.0,	230.0,	0.0,	1.2);
( -100.0,	240.0,	0.0,	1.2);	( -90.0,	240.0,	0.0,	1.2);
( -80.0,	240.0,	0.0,	1.2);	( -70.0,	240.0,	0.0,	1.2);
( -60.0,	240.0,	0.0,	1.2);	( -50.0,	240.0,	0.0,	1.2);
( -40.0,	240.0,	0.0,	1.2);	( -30.0,	240.0,	0.0,	1.2);
( -25.0,	240.0,	0.0,	1.2);	( -20.0,	240.0,	0.0,	1.2);
( -17.0,	240.0,	0.0,	1.2);	( -15.0,	240.0,	0.0,	1.2);
( -13.0,	240.0,	0.0,	1.2);	( -11.0,	240.0,	0.0,	1.2);
( -9.0,	240.0,	0.0,	1.2);	( 9.0,	240.0,	0.0,	1.2);
( 11.0,	240.0,	0.0,	1.2);	( 13.0,	240.0,	0.0,	1.2);
( 15.0,	240.0,	0.0,	1.2);	( 17.0,	240.0,	0.0,	1.2);
( 20.0,	240.0,	0.0,	1.2);	( 25.0,	240.0,	0.0,	1.2);
( 30.0,	240.0,	0.0,	1.2);	( 40.0,	240.0,	0.0,	1.2);
( 50.0,	240.0,	0.0,	1.2);	( 60.0,	240.0,	0.0,	1.2);
( 70.0,	240.0,	0.0,	1.2);	( 80.0,	240.0,	0.0,	1.2);
( 90.0,	240.0,	0.0,	1.2);	( 100.0,	240.0,	0.0,	1.2);
( -100.0,	250.0,	0.0,	1.2);	( -90.0,	250.0,	0.0,	1.2);
( -80.0,	250.0,	0.0,	1.2);	( -70.0,	250.0,	0.0,	1.2);
( -60.0,	250.0,	0.0,	1.2);	( -50.0,	250.0,	0.0,	1.2);
( -40.0,	250.0,	0.0,	1.2);	( -30.0,	250.0,	0.0,	1.2);
( -25.0,	250.0,	0.0,	1.2);	( -20.0,	250.0,	0.0,	1.2);
( -17.0,	250.0,	0.0,	1.2);	( -15.0,	250.0,	0.0,	1.2);
( -13.0,	250.0,	0.0,	1.2);	( -11.0,	250.0,	0.0,	1.2);
( -9.0,	250.0,	0.0,	1.2);	( 9.0,	250.0,	0.0,	1.2);
( 11.0,	250.0,	0.0,	1.2);	( 13.0,	250.0,	0.0,	1.2);
( 15.0,	250.0,	0.0,	1.2);	( 17.0,	250.0,	0.0,	1.2);
( 20.0,	250.0,	0.0,	1.2);	( 25.0,	250.0,	0.0,	1.2);
( 30.0,	250.0,	0.0,	1.2);	( 40.0,	250.0,	0.0,	1.2);
( 50.0,	250.0,	0.0,	1.2);	( 60.0,	250.0,	0.0,	1.2);
( 70.0,	250.0,	0.0,	1.2);	( 80.0,	250.0,	0.0,	1.2);
( 90.0,	250.0,	0.0,	1.2);	( 100.0,	250.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00005
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00005	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00006	-15.00	-250.00	0.00006
-13.00	-250.00	0.00006	-11.00	-250.00	0.00006
-9.00	-250.00	0.00006	9.00	-250.00	0.00007
11.00	-250.00	0.00007	13.00	-250.00	0.00007
15.00	-250.00	0.00007	17.00	-250.00	0.00007
20.00	-250.00	0.00007	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00009	60.00	-250.00	0.00009
70.00	-250.00	0.00009	80.00	-250.00	0.00010
90.00	-250.00	0.00010	100.00	-250.00	0.00010
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00005	-70.00	-240.00	0.00005



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00006	-20.00	-240.00	0.00006
-17.00	-240.00	0.00006	-15.00	-240.00	0.00007
-13.00	-240.00	0.00007	-11.00	-240.00	0.00007
-9.00	-240.00	0.00007	9.00	-240.00	0.00007
11.00	-240.00	0.00007	13.00	-240.00	0.00008
15.00	-240.00	0.00008	17.00	-240.00	0.00008
20.00	-240.00	0.00008	25.00	-240.00	0.00008
30.00	-240.00	0.00008	40.00	-240.00	0.00009
50.00	-240.00	0.00009	60.00	-240.00	0.00009
70.00	-240.00	0.00010	80.00	-240.00	0.00010
90.00	-240.00	0.00010	100.00	-240.00	0.00010
-100.00	-230.00	0.00004	-90.00	-230.00	0.00005
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005
-60.00	-230.00	0.00005	-50.00	-230.00	0.00006
-40.00	-230.00	0.00006	-30.00	-230.00	0.00006
-25.00	-230.00	0.00006	-20.00	-230.00	0.00007
-17.00	-230.00	0.00007	-15.00	-230.00	0.00007
-13.00	-230.00	0.00007	-11.00	-230.00	0.00007
-9.00	-230.00	0.00007	9.00	-230.00	0.00008
11.00	-230.00	0.00008	13.00	-230.00	0.00008
15.00	-230.00	0.00008	17.00	-230.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00008	25.00	-230.00	0.00008
30.00	-230.00	0.00009	40.00	-230.00	0.00009
50.00	-230.00	0.00009	60.00	-230.00	0.00010
70.00	-230.00	0.00010	80.00	-230.00	0.00010
90.00	-230.00	0.00011	100.00	-230.00	0.00011
-100.00	-220.00	0.00004	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00006
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00007	-11.00	-220.00	0.00007
-9.00	-220.00	0.00007	9.00	-220.00	0.00008
11.00	-220.00	0.00008	13.00	-220.00	0.00008
15.00	-220.00	0.00008	17.00	-220.00	0.00008
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00009	40.00	-220.00	0.00009
50.00	-220.00	0.00010	60.00	-220.00	0.00010
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00011	100.00	-220.00	0.00012
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00006	-30.00	-210.00	0.00007
-25.00	-210.00	0.00007	-20.00	-210.00	0.00007
-17.00	-210.00	0.00007	-15.00	-210.00	0.00007
-13.00	-210.00	0.00007	-11.00	-210.00	0.00008
-9.00	-210.00	0.00008	9.00	-210.00	0.00008
11.00	-210.00	0.00009	13.00	-210.00	0.00009
15.00	-210.00	0.00009	17.00	-210.00	0.00009
20.00	-210.00	0.00009	25.00	-210.00	0.00009
30.00	-210.00	0.00009	40.00	-210.00	0.00010
50.00	-210.00	0.00010	60.00	-210.00	0.00011
70.00	-210.00	0.00011	80.00	-210.00	0.00012
90.00	-210.00	0.00012	100.00	-210.00	0.00012
-100.00	-200.00	0.00005	-90.00	-200.00	0.00005
-80.00	-200.00	0.00005	-70.00	-200.00	0.00006
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006
-40.00	-200.00	0.00007	-30.00	-200.00	0.00007
-25.00	-200.00	0.00007	-20.00	-200.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00008	-15.00	-200.00	0.00008
-13.00	-200.00	0.00008	-11.00	-200.00	0.00008
-9.00	-200.00	0.00008	9.00	-200.00	0.00009
11.00	-200.00	0.00009	13.00	-200.00	0.00009
15.00	-200.00	0.00009	17.00	-200.00	0.00009

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00009	25.00	-200.00	0.00010
30.00	-200.00	0.00010	40.00	-200.00	0.00011
50.00	-200.00	0.00011	60.00	-200.00	0.00011
70.00	-200.00	0.00012	80.00	-200.00	0.00012
90.00	-200.00	0.00013	100.00	-200.00	0.00013
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00005	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00007
-40.00	-190.00	0.00007	-30.00	-190.00	0.00007
-25.00	-190.00	0.00008	-20.00	-190.00	0.00008
-17.00	-190.00	0.00008	-15.00	-190.00	0.00008
-13.00	-190.00	0.00008	-11.00	-190.00	0.00008
-9.00	-190.00	0.00008	9.00	-190.00	0.00009
11.00	-190.00	0.00009	13.00	-190.00	0.00010
15.00	-190.00	0.00010	17.00	-190.00	0.00010
20.00	-190.00	0.00010	25.00	-190.00	0.00010
30.00	-190.00	0.00011	40.00	-190.00	0.00011
50.00	-190.00	0.00012	60.00	-190.00	0.00012
70.00	-190.00	0.00013	80.00	-190.00	0.00013
90.00	-190.00	0.00013	100.00	-190.00	0.00013
-100.00	-180.00	0.00005	-90.00	-180.00	0.00005
-80.00	-180.00	0.00006	-70.00	-180.00	0.00006
-60.00	-180.00	0.00006	-50.00	-180.00	0.00007
-40.00	-180.00	0.00007	-30.00	-180.00	0.00008
-25.00	-180.00	0.00008	-20.00	-180.00	0.00008
-17.00	-180.00	0.00008	-15.00	-180.00	0.00008
-13.00	-180.00	0.00009	-11.00	-180.00	0.00009
-9.00	-180.00	0.00009	9.00	-180.00	0.00010
11.00	-180.00	0.00010	13.00	-180.00	0.00010
15.00	-180.00	0.00010	17.00	-180.00	0.00010
20.00	-180.00	0.00011	25.00	-180.00	0.00011
30.00	-180.00	0.00011	40.00	-180.00	0.00012
50.00	-180.00	0.00012	60.00	-180.00	0.00013
70.00	-180.00	0.00013	80.00	-180.00	0.00014
90.00	-180.00	0.00014	100.00	-180.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:17:45  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00005	-90.00	-170.00	0.00006
-80.00	-170.00	0.00006	-70.00	-170.00	0.00006
-60.00	-170.00	0.00007	-50.00	-170.00	0.00007
-40.00	-170.00	0.00008	-30.00	-170.00	0.00008
-25.00	-170.00	0.00008	-20.00	-170.00	0.00009
-17.00	-170.00	0.00009	-15.00	-170.00	0.00009
-13.00	-170.00	0.00009	-11.00	-170.00	0.00009
-9.00	-170.00	0.00009	9.00	-170.00	0.00010
11.00	-170.00	0.00011	13.00	-170.00	0.00011
15.00	-170.00	0.00011	17.00	-170.00	0.00011
20.00	-170.00	0.00011	25.00	-170.00	0.00011
30.00	-170.00	0.00012	40.00	-170.00	0.00012
50.00	-170.00	0.00013	60.00	-170.00	0.00014
70.00	-170.00	0.00014	80.00	-170.00	0.00014
90.00	-170.00	0.00015	100.00	-170.00	0.00015
-100.00	-160.00	0.00006	-90.00	-160.00	0.00006
-80.00	-160.00	0.00006	-70.00	-160.00	0.00007
-60.00	-160.00	0.00007	-50.00	-160.00	0.00007
-40.00	-160.00	0.00008	-30.00	-160.00	0.00008
-25.00	-160.00	0.00009	-20.00	-160.00	0.00009
-17.00	-160.00	0.00009	-15.00	-160.00	0.00009
-13.00	-160.00	0.00010	-11.00	-160.00	0.00010
-9.00	-160.00	0.00010	9.00	-160.00	0.00011
11.00	-160.00	0.00011	13.00	-160.00	0.00011
15.00	-160.00	0.00011	17.00	-160.00	0.00012
20.00	-160.00	0.00012	25.00	-160.00	0.00012
30.00	-160.00	0.00012	40.00	-160.00	0.00013
50.00	-160.00	0.00014	60.00	-160.00	0.00014
70.00	-160.00	0.00015	80.00	-160.00	0.00015
90.00	-160.00	0.00016	100.00	-160.00	0.00016
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00007
-60.00	-150.00	0.00007	-50.00	-150.00	0.00008
-40.00	-150.00	0.00008	-30.00	-150.00	0.00009
-25.00	-150.00	0.00009	-20.00	-150.00	0.00010
-17.00	-150.00	0.00010	-15.00	-150.00	0.00010
-13.00	-150.00	0.00010	-11.00	-150.00	0.00010
-9.00	-150.00	0.00010	9.00	-150.00	0.00012
11.00	-150.00	0.00012	13.00	-150.00	0.00012
15.00	-150.00	0.00012	17.00	-150.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00012	25.00	-150.00	0.00013
30.00	-150.00	0.00013	40.00	-150.00	0.00014
50.00	-150.00	0.00015	60.00	-150.00	0.00015
70.00	-150.00	0.00016	80.00	-150.00	0.00016
90.00	-150.00	0.00017	100.00	-150.00	0.00017
-100.00	-140.00	0.00006	-90.00	-140.00	0.00006
-80.00	-140.00	0.00007	-70.00	-140.00	0.00007
-60.00	-140.00	0.00008	-50.00	-140.00	0.00008
-40.00	-140.00	0.00009	-30.00	-140.00	0.00009
-25.00	-140.00	0.00010	-20.00	-140.00	0.00010
-17.00	-140.00	0.00010	-15.00	-140.00	0.00010
-13.00	-140.00	0.00011	-11.00	-140.00	0.00011
-9.00	-140.00	0.00011	9.00	-140.00	0.00012
11.00	-140.00	0.00012	13.00	-140.00	0.00013
15.00	-140.00	0.00013	17.00	-140.00	0.00013
20.00	-140.00	0.00013	25.00	-140.00	0.00014
30.00	-140.00	0.00014	40.00	-140.00	0.00015
50.00	-140.00	0.00016	60.00	-140.00	0.00016
70.00	-140.00	0.00017	80.00	-140.00	0.00017
90.00	-140.00	0.00018	100.00	-140.00	0.00018
-100.00	-130.00	0.00006	-90.00	-130.00	0.00007
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00008	-50.00	-130.00	0.00008
-40.00	-130.00	0.00009	-30.00	-130.00	0.00010
-25.00	-130.00	0.00010	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00011	-11.00	-130.00	0.00011
-9.00	-130.00	0.00012	9.00	-130.00	0.00013
11.00	-130.00	0.00013	13.00	-130.00	0.00013
15.00	-130.00	0.00014	17.00	-130.00	0.00014
20.00	-130.00	0.00014	25.00	-130.00	0.00015
30.00	-130.00	0.00015	40.00	-130.00	0.00016
50.00	-130.00	0.00017	60.00	-130.00	0.00017
70.00	-130.00	0.00018	80.00	-130.00	0.00019
90.00	-130.00	0.00019	100.00	-130.00	0.00019
-100.00	-120.00	0.00007	-90.00	-120.00	0.00007
-80.00	-120.00	0.00007	-70.00	-120.00	0.00008

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00008	-50.00	-120.00	0.00009
-40.00	-120.00	0.00010	-30.00	-120.00	0.00010
-25.00	-120.00	0.00011	-20.00	-120.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 28

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00011	-15.00	-120.00	0.00012
-13.00	-120.00	0.00012	-11.00	-120.00	0.00012
-9.00	-120.00	0.00012	9.00	-120.00	0.00014
11.00	-120.00	0.00014	13.00	-120.00	0.00014
15.00	-120.00	0.00015	17.00	-120.00	0.00015
20.00	-120.00	0.00015	25.00	-120.00	0.00016
30.00	-120.00	0.00016	40.00	-120.00	0.00017
50.00	-120.00	0.00018	60.00	-120.00	0.00019
70.00	-120.00	0.00019	80.00	-120.00	0.00020
90.00	-120.00	0.00020	100.00	-120.00	0.00021
-100.00	-110.00	0.00007	-90.00	-110.00	0.00007
-80.00	-110.00	0.00008	-70.00	-110.00	0.00008
-60.00	-110.00	0.00009	-50.00	-110.00	0.00009
-40.00	-110.00	0.00010	-30.00	-110.00	0.00011
-25.00	-110.00	0.00011	-20.00	-110.00	0.00012
-17.00	-110.00	0.00012	-15.00	-110.00	0.00012
-13.00	-110.00	0.00013	-11.00	-110.00	0.00013
-9.00	-110.00	0.00013	9.00	-110.00	0.00015
11.00	-110.00	0.00015	13.00	-110.00	0.00015
15.00	-110.00	0.00016	17.00	-110.00	0.00016
20.00	-110.00	0.00016	25.00	-110.00	0.00017
30.00	-110.00	0.00017	40.00	-110.00	0.00018
50.00	-110.00	0.00019	60.00	-110.00	0.00020
70.00	-110.00	0.00021	80.00	-110.00	0.00021
90.00	-110.00	0.00022	100.00	-110.00	0.00022
-100.00	-100.00	0.00007	-90.00	-100.00	0.00008
-80.00	-100.00	0.00008	-70.00	-100.00	0.00009
-60.00	-100.00	0.00009	-50.00	-100.00	0.00010
-40.00	-100.00	0.00011	-30.00	-100.00	0.00012
-25.00	-100.00	0.00012	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00013

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-100.00	0.00013	-11.00	-100.00	0.00014
-9.00	-100.00	0.00014	9.00	-100.00	0.00016
11.00	-100.00	0.00016	13.00	-100.00	0.00016
15.00	-100.00	0.00017	17.00	-100.00	0.00017
20.00	-100.00	0.00017	25.00	-100.00	0.00018
30.00	-100.00	0.00019	40.00	-100.00	0.00020
50.00	-100.00	0.00021	60.00	-100.00	0.00022
70.00	-100.00	0.00022	80.00	-100.00	0.00023
90.00	-100.00	0.00023	100.00	-100.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00008	-90.00	-90.00	0.00008
-80.00	-90.00	0.00008	-70.00	-90.00	0.00009
-60.00	-90.00	0.00010	-50.00	-90.00	0.00010
-40.00	-90.00	0.00011	-30.00	-90.00	0.00012
-25.00	-90.00	0.00013	-20.00	-90.00	0.00013
-17.00	-90.00	0.00014	-15.00	-90.00	0.00014
-13.00	-90.00	0.00014	-11.00	-90.00	0.00014
-9.00	-90.00	0.00015	9.00	-90.00	0.00017
11.00	-90.00	0.00017	13.00	-90.00	0.00018
15.00	-90.00	0.00018	17.00	-90.00	0.00018
20.00	-90.00	0.00019	25.00	-90.00	0.00019
30.00	-90.00	0.00020	40.00	-90.00	0.00021
50.00	-90.00	0.00022	60.00	-90.00	0.00023
70.00	-90.00	0.00024	80.00	-90.00	0.00025
90.00	-90.00	0.00025	100.00	-90.00	0.00026
-100.00	-80.00	0.00008	-90.00	-80.00	0.00008
-80.00	-80.00	0.00009	-70.00	-80.00	0.00010
-60.00	-80.00	0.00010	-50.00	-80.00	0.00011
-40.00	-80.00	0.00012	-30.00	-80.00	0.00013
-25.00	-80.00	0.00014	-20.00	-80.00	0.00014
-17.00	-80.00	0.00015	-15.00	-80.00	0.00015
-13.00	-80.00	0.00015	-11.00	-80.00	0.00015
-9.00	-80.00	0.00016	9.00	-80.00	0.00018
11.00	-80.00	0.00019	13.00	-80.00	0.00019
15.00	-80.00	0.00019	17.00	-80.00	0.00020

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00021
30.00	-80.00	0.00022	40.00	-80.00	0.00023
50.00	-80.00	0.00024	60.00	-80.00	0.00025
70.00	-80.00	0.00026	80.00	-80.00	0.00027
90.00	-80.00	0.00027	100.00	-80.00	0.00028
-100.00	-70.00	0.00008	-90.00	-70.00	0.00009
-80.00	-70.00	0.00009	-70.00	-70.00	0.00010
-60.00	-70.00	0.00011	-50.00	-70.00	0.00012
-40.00	-70.00	0.00013	-30.00	-70.00	0.00014
-25.00	-70.00	0.00014	-20.00	-70.00	0.00015
-17.00	-70.00	0.00016	-15.00	-70.00	0.00016
-13.00	-70.00	0.00016	-11.00	-70.00	0.00017
-9.00	-70.00	0.00017	9.00	-70.00	0.00020
11.00	-70.00	0.00020	13.00	-70.00	0.00020
15.00	-70.00	0.00021	17.00	-70.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 30

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00022	25.00	-70.00	0.00023
30.00	-70.00	0.00023	40.00	-70.00	0.00025
50.00	-70.00	0.00026	60.00	-70.00	0.00027
70.00	-70.00	0.00028	80.00	-70.00	0.00029
90.00	-70.00	0.00029	100.00	-70.00	0.00030
-100.00	-60.00	0.00009	-90.00	-60.00	0.00009
-80.00	-60.00	0.00010	-70.00	-60.00	0.00011
-60.00	-60.00	0.00011	-50.00	-60.00	0.00012
-40.00	-60.00	0.00013	-30.00	-60.00	0.00015
-25.00	-60.00	0.00015	-20.00	-60.00	0.00016
-17.00	-60.00	0.00017	-15.00	-60.00	0.00017
-13.00	-60.00	0.00017	-11.00	-60.00	0.00018
-9.00	-60.00	0.00018	9.00	-60.00	0.00021
11.00	-60.00	0.00022	13.00	-60.00	0.00022
15.00	-60.00	0.00023	17.00	-60.00	0.00023
20.00	-60.00	0.00024	25.00	-60.00	0.00025
30.00	-60.00	0.00025	40.00	-60.00	0.00027
50.00	-60.00	0.00029	60.00	-60.00	0.00030
70.00	-60.00	0.00031	80.00	-60.00	0.00031



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00032	100.00	-60.00	0.00033
-100.00	-50.00	0.00009	-90.00	-50.00	0.00010
-80.00	-50.00	0.00010	-70.00	-50.00	0.00011
-60.00	-50.00	0.00012	-50.00	-50.00	0.00013
-40.00	-50.00	0.00014	-30.00	-50.00	0.00016
-25.00	-50.00	0.00017	-20.00	-50.00	0.00017
-17.00	-50.00	0.00018	-15.00	-50.00	0.00018
-13.00	-50.00	0.00019	-11.00	-50.00	0.00019
-9.00	-50.00	0.00019	9.00	-50.00	0.00023
11.00	-50.00	0.00024	13.00	-50.00	0.00024
15.00	-50.00	0.00025	17.00	-50.00	0.00025
20.00	-50.00	0.00026	25.00	-50.00	0.00027
30.00	-50.00	0.00028	40.00	-50.00	0.00030
50.00	-50.00	0.00031	60.00	-50.00	0.00032
70.00	-50.00	0.00033	80.00	-50.00	0.00034
90.00	-50.00	0.00035	100.00	-50.00	0.00036
-100.00	-40.00	0.00010	-90.00	-40.00	0.00010
-80.00	-40.00	0.00011	-70.00	-40.00	0.00012
-60.00	-40.00	0.00013	-50.00	-40.00	0.00014
-40.00	-40.00	0.00015	-30.00	-40.00	0.00017
-25.00	-40.00	0.00018	-20.00	-40.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00019	-15.00	-40.00	0.00020
-13.00	-40.00	0.00020	-11.00	-40.00	0.00021
-9.00	-40.00	0.00021	9.00	-40.00	0.00025
11.00	-40.00	0.00026	13.00	-40.00	0.00026
15.00	-40.00	0.00027	17.00	-40.00	0.00027
20.00	-40.00	0.00028	25.00	-40.00	0.00029
30.00	-40.00	0.00031	40.00	-40.00	0.00033
50.00	-40.00	0.00034	60.00	-40.00	0.00036
70.00	-40.00	0.00037	80.00	-40.00	0.00038
90.00	-40.00	0.00039	100.00	-40.00	0.00040
-100.00	-30.00	0.00010	-90.00	-30.00	0.00011
-80.00	-30.00	0.00012	-70.00	-30.00	0.00013
-60.00	-30.00	0.00014	-50.00	-30.00	0.00015

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00016	-30.00	-30.00	0.00018
-25.00	-30.00	0.00019	-20.00	-30.00	0.00020
-17.00	-30.00	0.00021	-15.00	-30.00	0.00021
-13.00	-30.00	0.00022	-11.00	-30.00	0.00022
-9.00	-30.00	0.00023	9.00	-30.00	0.00028
11.00	-30.00	0.00028	13.00	-30.00	0.00029
15.00	-30.00	0.00030	17.00	-30.00	0.00030
20.00	-30.00	0.00031	25.00	-30.00	0.00032
30.00	-30.00	0.00034	40.00	-30.00	0.00036
50.00	-30.00	0.00038	60.00	-30.00	0.00039
70.00	-30.00	0.00040	80.00	-30.00	0.00042
90.00	-30.00	0.00043	100.00	-30.00	0.00044
-100.00	-20.00	0.00011	-90.00	-20.00	0.00012
-80.00	-20.00	0.00012	-70.00	-20.00	0.00013
-60.00	-20.00	0.00015	-50.00	-20.00	0.00016
-40.00	-20.00	0.00017	-30.00	-20.00	0.00019
-25.00	-20.00	0.00021	-20.00	-20.00	0.00022
-17.00	-20.00	0.00023	-15.00	-20.00	0.00023
-13.00	-20.00	0.00024	-11.00	-20.00	0.00024
-9.00	-20.00	0.00025	9.00	-20.00	0.00031
11.00	-20.00	0.00031	13.00	-20.00	0.00032
15.00	-20.00	0.00033	17.00	-20.00	0.00033
20.00	-20.00	0.00034	25.00	-20.00	0.00036
30.00	-20.00	0.00037	40.00	-20.00	0.00040
50.00	-20.00	0.00042	60.00	-20.00	0.00043
70.00	-20.00	0.00045	80.00	-20.00	0.00046
90.00	-20.00	0.00047	100.00	-20.00	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00011	-90.00	-10.00	0.00012
-80.00	-10.00	0.00013	-70.00	-10.00	0.00014
-60.00	-10.00	0.00016	-50.00	-10.00	0.00017
-40.00	-10.00	0.00019	-30.00	-10.00	0.00021
-25.00	-10.00	0.00022	-20.00	-10.00	0.00024
-17.00	-10.00	0.00025	-15.00	-10.00	0.00025
-13.00	-10.00	0.00026	-11.00	-10.00	0.00027

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00027	9.00	-10.00	0.00034
11.00	-10.00	0.00035	13.00	-10.00	0.00035
15.00	-10.00	0.00036	17.00	-10.00	0.00037
20.00	-10.00	0.00038	25.00	-10.00	0.00040
30.00	-10.00	0.00042	40.00	-10.00	0.00044
50.00	-10.00	0.00046	60.00	-10.00	0.00048
70.00	-10.00	0.00050	80.00	-10.00	0.00051
90.00	-10.00	0.00053	100.00	-10.00	0.00054
-100.00	0.00	0.00012	-90.00	0.00	0.00013
-80.00	0.00	0.00014	-70.00	0.00	0.00015
-60.00	0.00	0.00017	-50.00	0.00	0.00018
-40.00	0.00	0.00020	-30.00	0.00	0.00023
-25.00	0.00	0.00024	-20.00	0.00	0.00026
-17.00	0.00	0.00027	-15.00	0.00	0.00028
-13.00	0.00	0.00028	-11.00	0.00	0.00029
-9.00	0.00	0.00030	9.00	0.00	0.00038
11.00	0.00	0.00039	13.00	0.00	0.00039
15.00	0.00	0.00040	17.00	0.00	0.00041
20.00	0.00	0.00043	25.00	0.00	0.00045
30.00	0.00	0.00047	40.00	0.00	0.00050
50.00	0.00	0.00052	60.00	0.00	0.00054
70.00	0.00	0.00056	80.00	0.00	0.00058
90.00	0.00	0.00059	100.00	0.00	0.00060
-100.00	10.00	0.00012	-90.00	10.00	0.00014
-80.00	10.00	0.00015	-70.00	10.00	0.00016
-60.00	10.00	0.00018	-50.00	10.00	0.00020
-40.00	10.00	0.00022	-30.00	10.00	0.00025
-25.00	10.00	0.00026	-20.00	10.00	0.00028
-17.00	10.00	0.00029	-15.00	10.00	0.00030
-13.00	10.00	0.00031	-11.00	10.00	0.00032
-9.00	10.00	0.00033	9.00	10.00	0.00042
11.00	10.00	0.00043	13.00	10.00	0.00044
15.00	10.00	0.00045	17.00	10.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00048	25.00	10.00	0.00050

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00053	40.00	10.00	0.00056
50.00	10.00	0.00059	60.00	10.00	0.00061
70.00	10.00	0.00063	80.00	10.00	0.00065
90.00	10.00	0.00067	100.00	10.00	0.00068
-100.00	20.00	0.00013	-90.00	20.00	0.00014
-80.00	20.00	0.00016	-70.00	20.00	0.00018
-60.00	20.00	0.00019	-50.00	20.00	0.00021
-40.00	20.00	0.00024	-30.00	20.00	0.00027
-25.00	20.00	0.00029	-20.00	20.00	0.00031
-17.00	20.00	0.00032	-15.00	20.00	0.00033
-13.00	20.00	0.00034	-11.00	20.00	0.00035
-9.00	20.00	0.00036	9.00	20.00	0.00048
11.00	20.00	0.00049	13.00	20.00	0.00050
15.00	20.00	0.00051	17.00	20.00	0.00053
20.00	20.00	0.00054	25.00	20.00	0.00057
30.00	20.00	0.00060	40.00	20.00	0.00064
50.00	20.00	0.00067	60.00	20.00	0.00070
70.00	20.00	0.00072	80.00	20.00	0.00074
90.00	20.00	0.00076	100.00	20.00	0.00076
-100.00	30.00	0.00013	-90.00	30.00	0.00015
-80.00	30.00	0.00017	-70.00	30.00	0.00019
-60.00	30.00	0.00021	-50.00	30.00	0.00023
-40.00	30.00	0.00026	-30.00	30.00	0.00029
-25.00	30.00	0.00031	-20.00	30.00	0.00034
-17.00	30.00	0.00036	-15.00	30.00	0.00037
-13.00	30.00	0.00038	-11.00	30.00	0.00039
-9.00	30.00	0.00041	9.00	30.00	0.00054
11.00	30.00	0.00056	13.00	30.00	0.00057
15.00	30.00	0.00059	17.00	30.00	0.00060
20.00	30.00	0.00062	25.00	30.00	0.00066
30.00	30.00	0.00068	40.00	30.00	0.00073
50.00	30.00	0.00077	60.00	30.00	0.00080
70.00	30.00	0.00083	80.00	30.00	0.00085
90.00	30.00	0.00086	100.00	30.00	0.00085
-100.00	40.00	0.00014	-90.00	40.00	0.00015
-80.00	40.00	0.00018	-70.00	40.00	0.00020
-60.00	40.00	0.00023	-50.00	40.00	0.00025
-40.00	40.00	0.00028	-30.00	40.00	0.00032
-25.00	40.00	0.00035	-20.00	40.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00039	-15.00	40.00	0.00041
-13.00	40.00	0.00042	-11.00	40.00	0.00044
-9.00	40.00	0.00045	9.00	40.00	0.00062
11.00	40.00	0.00064	13.00	40.00	0.00066
15.00	40.00	0.00068	17.00	40.00	0.00070
20.00	40.00	0.00072	25.00	40.00	0.00076
30.00	40.00	0.00079	40.00	40.00	0.00084
50.00	40.00	0.00089	60.00	40.00	0.00093
70.00	40.00	0.00096	80.00	40.00	0.00098
90.00	40.00	0.00097	100.00	40.00	0.00096
-100.00	50.00	0.00014	-90.00	50.00	0.00016
-80.00	50.00	0.00018	-70.00	50.00	0.00021
-60.00	50.00	0.00024	-50.00	50.00	0.00027
-40.00	50.00	0.00031	-30.00	50.00	0.00036
-25.00	50.00	0.00038	-20.00	50.00	0.00042
-17.00	50.00	0.00044	-15.00	50.00	0.00046
-13.00	50.00	0.00047	-11.00	50.00	0.00049
-9.00	50.00	0.00051	9.00	50.00	0.00072
11.00	50.00	0.00074	13.00	50.00	0.00077
15.00	50.00	0.00079	17.00	50.00	0.00081
20.00	50.00	0.00084	25.00	50.00	0.00089
30.00	50.00	0.00093	40.00	50.00	0.00099
50.00	50.00	0.00105	60.00	50.00	0.00109
70.00	50.00	0.00112	80.00	50.00	0.00112
90.00	50.00	0.00111	100.00	50.00	0.00108
-100.00	60.00	0.00015	-90.00	60.00	0.00017
-80.00	60.00	0.00019	-70.00	60.00	0.00022
-60.00	60.00	0.00026	-50.00	60.00	0.00030
-40.00	60.00	0.00034	-30.00	60.00	0.00039
-25.00	60.00	0.00043	-20.00	60.00	0.00046
-17.00	60.00	0.00049	-15.00	60.00	0.00051
-13.00	60.00	0.00053	-11.00	60.00	0.00056
-9.00	60.00	0.00058	9.00	60.00	0.00084
11.00	60.00	0.00087	13.00	60.00	0.00090
15.00	60.00	0.00093	17.00	60.00	0.00096
20.00	60.00	0.00100	25.00	60.00	0.00105
30.00	60.00	0.00110	40.00	60.00	0.00118
50.00	60.00	0.00125	60.00	60.00	0.00129
70.00	60.00	0.00131	80.00	60.00	0.00130

90.00 60.00 0.00126 100.00 60.00 0.00121

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00016	-90.00	70.00	0.00018
-80.00	70.00	0.00020	-70.00	70.00	0.00023
-60.00	70.00	0.00027	-50.00	70.00	0.00032
-40.00	70.00	0.00037	-30.00	70.00	0.00044
-25.00	70.00	0.00047	-20.00	70.00	0.00052
-17.00	70.00	0.00055	-15.00	70.00	0.00058
-13.00	70.00	0.00060	-11.00	70.00	0.00063
-9.00	70.00	0.00066	9.00	70.00	0.00100
11.00	70.00	0.00104	13.00	70.00	0.00108
15.00	70.00	0.00111	17.00	70.00	0.00115
20.00	70.00	0.00119	25.00	70.00	0.00126
30.00	70.00	0.00132	40.00	70.00	0.00143
50.00	70.00	0.00150	60.00	70.00	0.00154
70.00	70.00	0.00154	80.00	70.00	0.00150
90.00	70.00	0.00143	100.00	70.00	0.00134
-100.00	80.00	0.00017	-90.00	80.00	0.00019
-80.00	80.00	0.00022	-70.00	80.00	0.00025
-60.00	80.00	0.00029	-50.00	80.00	0.00034
-40.00	80.00	0.00041	-30.00	80.00	0.00049
-25.00	80.00	0.00053	-20.00	80.00	0.00058
-17.00	80.00	0.00062	-15.00	80.00	0.00065
-13.00	80.00	0.00068	-11.00	80.00	0.00072
-9.00	80.00	0.00076	9.00	80.00	0.00121
11.00	80.00	0.00126	13.00	80.00	0.00131
15.00	80.00	0.00135	17.00	80.00	0.00140
20.00	80.00	0.00145	25.00	80.00	0.00154
30.00	80.00	0.00162	40.00	80.00	0.00176
50.00	80.00	0.00183	60.00	80.00	0.00184
70.00	80.00	0.00180	80.00	80.00	0.00171
90.00	80.00	0.00159	100.00	80.00	0.00146
-100.00	90.00	0.00018	-90.00	90.00	0.00020
-80.00	90.00	0.00023	-70.00	90.00	0.00027
-60.00	90.00	0.00031	-50.00	90.00	0.00037

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00044	-30.00	90.00	0.00054
-25.00	90.00	0.00059	-20.00	90.00	0.00066
-17.00	90.00	0.00070	-15.00	90.00	0.00074
-13.00	90.00	0.00078	-11.00	90.00	0.00082
-9.00	90.00	0.00087	9.00	90.00	0.00148
11.00	90.00	0.00155	13.00	90.00	0.00162
15.00	90.00	0.00168	17.00	90.00	0.00173

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00181	25.00	90.00	0.00194
30.00	90.00	0.00205	40.00	90.00	0.00220
50.00	90.00	0.00225	60.00	90.00	0.00220
70.00	90.00	0.00208	80.00	90.00	0.00192
90.00	90.00	0.00174	100.00	90.00	0.00157
-100.00	100.00	0.00019	-90.00	100.00	0.00021
-80.00	100.00	0.00024	-70.00	100.00	0.00028
-60.00	100.00	0.00033	-50.00	100.00	0.00040
-40.00	100.00	0.00048	-30.00	100.00	0.00059
-25.00	100.00	0.00066	-20.00	100.00	0.00074
-17.00	100.00	0.00079	-15.00	100.00	0.00083
-13.00	100.00	0.00088	-11.00	100.00	0.00094
-9.00	100.00	0.00100	9.00	100.00	0.00186
11.00	100.00	0.00196	13.00	100.00	0.00205
15.00	100.00	0.00213	17.00	100.00	0.00222
20.00	100.00	0.00234	25.00	100.00	0.00251
30.00	100.00	0.00265	40.00	100.00	0.00278
50.00	100.00	0.00274	60.00	100.00	0.00258
70.00	100.00	0.00235	80.00	100.00	0.00210
90.00	100.00	0.00187	100.00	100.00	0.00165
-100.00	110.00	0.00021	-90.00	110.00	0.00023
-80.00	110.00	0.00026	-70.00	110.00	0.00031
-60.00	110.00	0.00036	-50.00	110.00	0.00043
-40.00	110.00	0.00052	-30.00	110.00	0.00063
-25.00	110.00	0.00071	-20.00	110.00	0.00081
-17.00	110.00	0.00088	-15.00	110.00	0.00094
-13.00	110.00	0.00099	-11.00	110.00	0.00106

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00114	9.00	110.00	0.00241
11.00	110.00	0.00256	13.00	110.00	0.00270
15.00	110.00	0.00284	17.00	110.00	0.00297
20.00	110.00	0.00314	25.00	110.00	0.00337
30.00	110.00	0.00349	40.00	110.00	0.00349
50.00	110.00	0.00325	60.00	110.00	0.00292
70.00	110.00	0.00258	80.00	110.00	0.00225
90.00	110.00	0.00196	100.00	110.00	0.00170
-100.00	120.00	0.00023	-90.00	120.00	0.00025
-80.00	120.00	0.00029	-70.00	120.00	0.00033
-60.00	120.00	0.00039	-50.00	120.00	0.00046
-40.00	120.00	0.00056	-30.00	120.00	0.00069
-25.00	120.00	0.00077	-20.00	120.00	0.00088

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00096	-15.00	120.00	0.00103
-13.00	120.00	0.00110	-11.00	120.00	0.00119
-9.00	120.00	0.00129	9.00	120.00	0.00334
11.00	120.00	0.00360	13.00	120.00	0.00383
15.00	120.00	0.00404	17.00	120.00	0.00421
20.00	120.00	0.00440	25.00	120.00	0.00455
30.00	120.00	0.00452	40.00	120.00	0.00417
50.00	120.00	0.00369	60.00	120.00	0.00320
70.00	120.00	0.00274	80.00	120.00	0.00234
90.00	120.00	0.00200	100.00	120.00	0.00171
-100.00	130.00	0.00025	-90.00	130.00	0.00028
-80.00	130.00	0.00032	-70.00	130.00	0.00037
-60.00	130.00	0.00043	-50.00	130.00	0.00051
-40.00	130.00	0.00062	-30.00	130.00	0.00076
-25.00	130.00	0.00085	-20.00	130.00	0.00096
-17.00	130.00	0.00105	-15.00	130.00	0.00112
-13.00	130.00	0.00120	-11.00	130.00	0.00131
-9.00	130.00	0.00144	9.00	130.00	0.00534
11.00	130.00	0.00560	13.00	130.00	0.00576
15.00	130.00	0.00585	17.00	130.00	0.00588
20.00	130.00	0.00586	25.00	130.00	0.00567



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00538	40.00	130.00	0.00468
50.00	130.00	0.00398	60.00	130.00	0.00335
70.00	130.00	0.00282	80.00	130.00	0.00236
90.00	130.00	0.00199	100.00	130.00	0.00168
-100.00	140.00	0.00027	-90.00	140.00	0.00030
-80.00	140.00	0.00035	-70.00	140.00	0.00041
-60.00	140.00	0.00048	-50.00	140.00	0.00057
-40.00	140.00	0.00070	-30.00	140.00	0.00087
-25.00	140.00	0.00098	-20.00	140.00	0.00112
-17.00	140.00	0.00123	-15.00	140.00	0.00132
-13.00	140.00	0.00143	-11.00	140.00	0.00157
-9.00	140.00	0.00177	9.00	140.00	0.00679
11.00	140.00	0.00681	13.00	140.00	0.00680
15.00	140.00	0.00677	17.00	140.00	0.00670
20.00	140.00	0.00655	25.00	140.00	0.00619
30.00	140.00	0.00577	40.00	140.00	0.00489
50.00	140.00	0.00407	60.00	140.00	0.00336
70.00	140.00	0.00278	80.00	140.00	0.00230
90.00	140.00	0.00191	100.00	140.00	0.00159

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00029	-90.00	150.00	0.00034
-80.00	150.00	0.00039	-70.00	150.00	0.00046
-60.00	150.00	0.00055	-50.00	150.00	0.00066
-40.00	150.00	0.00082	-30.00	150.00	0.00104
-25.00	150.00	0.00118	-20.00	150.00	0.00137
-17.00	150.00	0.00152	-15.00	150.00	0.00164
-13.00	150.00	0.00179	-11.00	150.00	0.00196
-9.00	150.00	0.00218	9.00	150.00	0.00684
11.00	150.00	0.00685	13.00	150.00	0.00684
15.00	150.00	0.00681	17.00	150.00	0.00674
20.00	150.00	0.00658	25.00	150.00	0.00621
30.00	150.00	0.00577	40.00	150.00	0.00484
50.00	150.00	0.00398	60.00	150.00	0.00324
70.00	150.00	0.00264	80.00	150.00	0.00215
90.00	150.00	0.00177	100.00	150.00	0.00146

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00032	-90.00	160.00	0.00037
-80.00	160.00	0.00044	-70.00	160.00	0.00052
-60.00	160.00	0.00062	-50.00	160.00	0.00076
-40.00	160.00	0.00094	-30.00	160.00	0.00120
-25.00	160.00	0.00138	-20.00	160.00	0.00160
-17.00	160.00	0.00176	-15.00	160.00	0.00188
-13.00	160.00	0.00202	-11.00	160.00	0.00217
-9.00	160.00	0.00236	9.00	160.00	0.00674
11.00	160.00	0.00674	13.00	160.00	0.00673
15.00	160.00	0.00669	17.00	160.00	0.00661
20.00	160.00	0.00644	25.00	160.00	0.00604
30.00	160.00	0.00559	40.00	160.00	0.00462
50.00	160.00	0.00374	60.00	160.00	0.00300
70.00	160.00	0.00241	80.00	160.00	0.00195
90.00	160.00	0.00158	100.00	160.00	0.00130
-100.00	170.00	0.00035	-90.00	170.00	0.00041
-80.00	170.00	0.00048	-70.00	170.00	0.00057
-60.00	170.00	0.00069	-50.00	170.00	0.00084
-40.00	170.00	0.00104	-30.00	170.00	0.00133
-25.00	170.00	0.00152	-20.00	170.00	0.00173
-17.00	170.00	0.00188	-15.00	170.00	0.00198
-13.00	170.00	0.00210	-11.00	170.00	0.00223
-9.00	170.00	0.00239	9.00	170.00	0.00655
11.00	170.00	0.00654	13.00	170.00	0.00652
15.00	170.00	0.00646	17.00	170.00	0.00637

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00618	25.00	170.00	0.00577
30.00	170.00	0.00528	40.00	170.00	0.00428
50.00	170.00	0.00339	60.00	170.00	0.00267
70.00	170.00	0.00211	80.00	170.00	0.00169
90.00	170.00	0.00137	100.00	170.00	0.00113
-100.00	180.00	0.00037	-90.00	180.00	0.00044
-80.00	180.00	0.00051	-70.00	180.00	0.00061
-60.00	180.00	0.00074	-50.00	180.00	0.00091
-40.00	180.00	0.00113	-30.00	180.00	0.00141

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00158	-20.00	180.00	0.00177
-17.00	180.00	0.00190	-15.00	180.00	0.00199
-13.00	180.00	0.00209	-11.00	180.00	0.00220
-9.00	180.00	0.00234	9.00	180.00	0.00627
11.00	180.00	0.00624	13.00	180.00	0.00619
15.00	180.00	0.00611	17.00	180.00	0.00601
20.00	180.00	0.00580	25.00	180.00	0.00535
30.00	180.00	0.00482	40.00	180.00	0.00379
50.00	180.00	0.00293	60.00	180.00	0.00226
70.00	180.00	0.00177	80.00	180.00	0.00141
90.00	180.00	0.00115	100.00	180.00	0.00095
-100.00	190.00	0.00039	-90.00	190.00	0.00046
-80.00	190.00	0.00054	-70.00	190.00	0.00065
-60.00	190.00	0.00079	-50.00	190.00	0.00097
-40.00	190.00	0.00118	-30.00	190.00	0.00144
-25.00	190.00	0.00159	-20.00	190.00	0.00175
-17.00	190.00	0.00186	-15.00	190.00	0.00194
-13.00	190.00	0.00202	-11.00	190.00	0.00212
-9.00	190.00	0.00223	9.00	190.00	0.00586
11.00	190.00	0.00580	13.00	190.00	0.00572
15.00	190.00	0.00562	17.00	190.00	0.00548
20.00	190.00	0.00523	25.00	190.00	0.00472
30.00	190.00	0.00417	40.00	190.00	0.00315
50.00	190.00	0.00236	60.00	190.00	0.00180
70.00	190.00	0.00141	80.00	190.00	0.00113
90.00	190.00	0.00093	100.00	190.00	0.00077
-100.00	200.00	0.00040	-90.00	200.00	0.00047
-80.00	200.00	0.00056	-70.00	200.00	0.00068
-60.00	200.00	0.00082	-50.00	200.00	0.00099
-40.00	200.00	0.00120	-30.00	200.00	0.00144
-25.00	200.00	0.00157	-20.00	200.00	0.00170

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00179	-15.00	200.00	0.00185
-13.00	200.00	0.00191	-11.00	200.00	0.00199
-9.00	200.00	0.00208	9.00	200.00	0.00526

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00514	13.00	200.00	0.00501
15.00	200.00	0.00486	17.00	200.00	0.00467
20.00	200.00	0.00436	25.00	200.00	0.00379
30.00	200.00	0.00324	40.00	200.00	0.00235
50.00	200.00	0.00175	60.00	200.00	0.00135
70.00	200.00	0.00107	80.00	200.00	0.00087
90.00	200.00	0.00072	100.00	200.00	0.00061
-100.00	210.00	0.00041	-90.00	210.00	0.00048
-80.00	210.00	0.00057	-70.00	210.00	0.00069
-60.00	210.00	0.00082	-50.00	210.00	0.00099
-40.00	210.00	0.00118	-30.00	210.00	0.00140
-25.00	210.00	0.00152	-20.00	210.00	0.00163
-17.00	210.00	0.00170	-15.00	210.00	0.00175
-13.00	210.00	0.00179	-11.00	210.00	0.00184
-9.00	210.00	0.00191	9.00	210.00	0.00426
11.00	210.00	0.00403	13.00	210.00	0.00380
15.00	210.00	0.00357	17.00	210.00	0.00334
20.00	210.00	0.00300	25.00	210.00	0.00251
30.00	210.00	0.00211	40.00	210.00	0.00156
50.00	210.00	0.00120	60.00	210.00	0.00095
70.00	210.00	0.00077	80.00	210.00	0.00064
90.00	210.00	0.00054	100.00	210.00	0.00047
-100.00	220.00	0.00042	-90.00	220.00	0.00049
-80.00	220.00	0.00057	-70.00	220.00	0.00068
-60.00	220.00	0.00081	-50.00	220.00	0.00096
-40.00	220.00	0.00113	-30.00	220.00	0.00133
-25.00	220.00	0.00143	-20.00	220.00	0.00153
-17.00	220.00	0.00159	-15.00	220.00	0.00162
-13.00	220.00	0.00165	-11.00	220.00	0.00169
-9.00	220.00	0.00172	9.00	220.00	0.00217
11.00	220.00	0.00193	13.00	220.00	0.00177
15.00	220.00	0.00165	17.00	220.00	0.00156
20.00	220.00	0.00143	25.00	220.00	0.00126
30.00	220.00	0.00112	40.00	220.00	0.00090
50.00	220.00	0.00074	60.00	220.00	0.00062
70.00	220.00	0.00053	80.00	220.00	0.00046
90.00	220.00	0.00040	100.00	220.00	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00042		-90.00	230.00	0.00048	
-80.00	230.00	0.00056		-70.00	230.00	0.00066	
-60.00	230.00	0.00077		-50.00	230.00	0.00090	
-40.00	230.00	0.00105		-30.00	230.00	0.00120	
-25.00	230.00	0.00127		-20.00	230.00	0.00134	
-17.00	230.00	0.00136		-15.00	230.00	0.00137	
-13.00	230.00	0.00137		-11.00	230.00	0.00136	
-9.00	230.00	0.00133		9.00	230.00	0.00060	
11.00	230.00	0.00060		13.00	230.00	0.00060	
15.00	230.00	0.00060		17.00	230.00	0.00060	
20.00	230.00	0.00059		25.00	230.00	0.00058	
30.00	230.00	0.00056		40.00	230.00	0.00051	
50.00	230.00	0.00046		60.00	230.00	0.00041	
70.00	230.00	0.00037		80.00	230.00	0.00033	
90.00	230.00	0.00029		100.00	230.00	0.00027	
-100.00	240.00	0.00041		-90.00	240.00	0.00047	
-80.00	240.00	0.00054		-70.00	240.00	0.00062	
-60.00	240.00	0.00070		-50.00	240.00	0.00080	
-40.00	240.00	0.00091		-30.00	240.00	0.00100	
-25.00	240.00	0.00103		-20.00	240.00	0.00103	
-17.00	240.00	0.00101		-15.00	240.00	0.00099	
-13.00	240.00	0.00095		-11.00	240.00	0.00090	
-9.00	240.00	0.00083		9.00	240.00	0.00040	
11.00	240.00	0.00039		13.00	240.00	0.00039	
15.00	240.00	0.00038		17.00	240.00	0.00038	
20.00	240.00	0.00037		25.00	240.00	0.00036	
30.00	240.00	0.00035		40.00	240.00	0.00033	
50.00	240.00	0.00030		60.00	240.00	0.00028	
70.00	240.00	0.00026		80.00	240.00	0.00024	
90.00	240.00	0.00022		100.00	240.00	0.00020	
-100.00	250.00	0.00039		-90.00	250.00	0.00044	
-80.00	250.00	0.00049		-70.00	250.00	0.00056	
-60.00	250.00	0.00062		-50.00	250.00	0.00069	
-40.00	250.00	0.00076		-30.00	250.00	0.00079	
-25.00	250.00	0.00077		-20.00	250.00	0.00073	
-17.00	250.00	0.00070		-15.00	250.00	0.00067	
-13.00	250.00	0.00063		-11.00	250.00	0.00059	
-9.00	250.00	0.00055		9.00	250.00	0.00030	
11.00	250.00	0.00029		13.00	250.00	0.00029	
15.00	250.00	0.00028		17.00	250.00	0.00028	

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00027	25.00	250.00	0.00027
30.00	250.00	0.00026	40.00	250.00	0.00024
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00018
90.00	250.00	0.00017	100.00	250.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00006
-80.00	-250.00	0.00006	-70.00	-250.00	0.00007
-60.00	-250.00	0.00007	-50.00	-250.00	0.00007
-40.00	-250.00	0.00008	-30.00	-250.00	0.00008
-25.00	-250.00	0.00009	-20.00	-250.00	0.00009
-17.00	-250.00	0.00009	-15.00	-250.00	0.00009
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00011
11.00	-250.00	0.00011	13.00	-250.00	0.00011
15.00	-250.00	0.00011	17.00	-250.00	0.00012
20.00	-250.00	0.00012	25.00	-250.00	0.00012
30.00	-250.00	0.00012	40.00	-250.00	0.00013
50.00	-250.00	0.00014	60.00	-250.00	0.00014
70.00	-250.00	0.00015	80.00	-250.00	0.00015
90.00	-250.00	0.00016	100.00	-250.00	0.00016
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00007
-60.00	-240.00	0.00007	-50.00	-240.00	0.00008
-40.00	-240.00	0.00008	-30.00	-240.00	0.00009
-25.00	-240.00	0.00009	-20.00	-240.00	0.00010

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00012
11.00	-240.00	0.00012	13.00	-240.00	0.00012
15.00	-240.00	0.00012	17.00	-240.00	0.00012
20.00	-240.00	0.00012	25.00	-240.00	0.00013
30.00	-240.00	0.00013	40.00	-240.00	0.00014
50.00	-240.00	0.00015	60.00	-240.00	0.00015
70.00	-240.00	0.00016	80.00	-240.00	0.00016
90.00	-240.00	0.00017	100.00	-240.00	0.00017
-100.00	-230.00	0.00006	-90.00	-230.00	0.00006
-80.00	-230.00	0.00007	-70.00	-230.00	0.00007
-60.00	-230.00	0.00008	-50.00	-230.00	0.00008
-40.00	-230.00	0.00009	-30.00	-230.00	0.00009
-25.00	-230.00	0.00010	-20.00	-230.00	0.00010
-17.00	-230.00	0.00010	-15.00	-230.00	0.00010
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00011	9.00	-230.00	0.00012
11.00	-230.00	0.00012	13.00	-230.00	0.00013
15.00	-230.00	0.00013	17.00	-230.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00013	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00015
50.00	-230.00	0.00016	60.00	-230.00	0.00016
70.00	-230.00	0.00017	80.00	-230.00	0.00017
90.00	-230.00	0.00018	100.00	-230.00	0.00018
-100.00	-220.00	0.00006	-90.00	-220.00	0.00007
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00008	-50.00	-220.00	0.00008
-40.00	-220.00	0.00009	-30.00	-220.00	0.00010
-25.00	-220.00	0.00010	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00012	9.00	-220.00	0.00013
11.00	-220.00	0.00013	13.00	-220.00	0.00013

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00014	17.00	-220.00	0.00014
20.00	-220.00	0.00014	25.00	-220.00	0.00015
30.00	-220.00	0.00015	40.00	-220.00	0.00016
50.00	-220.00	0.00017	60.00	-220.00	0.00017
70.00	-220.00	0.00018	80.00	-220.00	0.00019
90.00	-220.00	0.00019	100.00	-220.00	0.00019
-100.00	-210.00	0.00007	-90.00	-210.00	0.00007
-80.00	-210.00	0.00007	-70.00	-210.00	0.00008
-60.00	-210.00	0.00008	-50.00	-210.00	0.00009
-40.00	-210.00	0.00010	-30.00	-210.00	0.00010
-25.00	-210.00	0.00011	-20.00	-210.00	0.00011
-17.00	-210.00	0.00011	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00012	9.00	-210.00	0.00014
11.00	-210.00	0.00014	13.00	-210.00	0.00014
15.00	-210.00	0.00015	17.00	-210.00	0.00015
20.00	-210.00	0.00015	25.00	-210.00	0.00016
30.00	-210.00	0.00016	40.00	-210.00	0.00017
50.00	-210.00	0.00018	60.00	-210.00	0.00019
70.00	-210.00	0.00019	80.00	-210.00	0.00020
90.00	-210.00	0.00020	100.00	-210.00	0.00021
-100.00	-200.00	0.00007	-90.00	-200.00	0.00007
-80.00	-200.00	0.00008	-70.00	-200.00	0.00008
-60.00	-200.00	0.00009	-50.00	-200.00	0.00009
-40.00	-200.00	0.00010	-30.00	-200.00	0.00011
-25.00	-200.00	0.00011	-20.00	-200.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00012	-15.00	-200.00	0.00012
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00013	9.00	-200.00	0.00015
11.00	-200.00	0.00015	13.00	-200.00	0.00015
15.00	-200.00	0.00016	17.00	-200.00	0.00016
20.00	-200.00	0.00016	25.00	-200.00	0.00017
30.00	-200.00	0.00017	40.00	-200.00	0.00018
50.00	-200.00	0.00019	60.00	-200.00	0.00020



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00021	80.00	-200.00	0.00021
90.00	-200.00	0.00022	100.00	-200.00	0.00022
-100.00	-190.00	0.00007	-90.00	-190.00	0.00008
-80.00	-190.00	0.00008	-70.00	-190.00	0.00009
-60.00	-190.00	0.00009	-50.00	-190.00	0.00010
-40.00	-190.00	0.00011	-30.00	-190.00	0.00012
-25.00	-190.00	0.00012	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00013	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00016
11.00	-190.00	0.00016	13.00	-190.00	0.00016
15.00	-190.00	0.00017	17.00	-190.00	0.00017
20.00	-190.00	0.00017	25.00	-190.00	0.00018
30.00	-190.00	0.00019	40.00	-190.00	0.00020
50.00	-190.00	0.00021	60.00	-190.00	0.00022
70.00	-190.00	0.00022	80.00	-190.00	0.00023
90.00	-190.00	0.00023	100.00	-190.00	0.00024
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00008	-70.00	-180.00	0.00009
-60.00	-180.00	0.00010	-50.00	-180.00	0.00010
-40.00	-180.00	0.00011	-30.00	-180.00	0.00012
-25.00	-180.00	0.00013	-20.00	-180.00	0.00013
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00015	9.00	-180.00	0.00017
11.00	-180.00	0.00017	13.00	-180.00	0.00018
15.00	-180.00	0.00018	17.00	-180.00	0.00018
20.00	-180.00	0.00019	25.00	-180.00	0.00019
30.00	-180.00	0.00020	40.00	-180.00	0.00021
50.00	-180.00	0.00022	60.00	-180.00	0.00023
70.00	-180.00	0.00024	80.00	-180.00	0.00025
90.00	-180.00	0.00025	100.00	-180.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00008	-90.00	-170.00	0.00008
-80.00	-170.00	0.00009	-70.00	-170.00	0.00010

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00010	-50.00	-170.00	0.00011
-40.00	-170.00	0.00012	-30.00	-170.00	0.00013
-25.00	-170.00	0.00014	-20.00	-170.00	0.00014
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00015
-9.00	-170.00	0.00016	9.00	-170.00	0.00018
11.00	-170.00	0.00019	13.00	-170.00	0.00019
15.00	-170.00	0.00019	17.00	-170.00	0.00020
20.00	-170.00	0.00020	25.00	-170.00	0.00021
30.00	-170.00	0.00022	40.00	-170.00	0.00023
50.00	-170.00	0.00024	60.00	-170.00	0.00025
70.00	-170.00	0.00026	80.00	-170.00	0.00027
90.00	-170.00	0.00027	100.00	-170.00	0.00028
-100.00	-160.00	0.00008	-90.00	-160.00	0.00009
-80.00	-160.00	0.00009	-70.00	-160.00	0.00010
-60.00	-160.00	0.00011	-50.00	-160.00	0.00012
-40.00	-160.00	0.00013	-30.00	-160.00	0.00014
-25.00	-160.00	0.00014	-20.00	-160.00	0.00015
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00016	-11.00	-160.00	0.00017
-9.00	-160.00	0.00017	9.00	-160.00	0.00020
11.00	-160.00	0.00020	13.00	-160.00	0.00020
15.00	-160.00	0.00021	17.00	-160.00	0.00021
20.00	-160.00	0.00022	25.00	-160.00	0.00023
30.00	-160.00	0.00023	40.00	-160.00	0.00025
50.00	-160.00	0.00026	60.00	-160.00	0.00027
70.00	-160.00	0.00028	80.00	-160.00	0.00029
90.00	-160.00	0.00029	100.00	-160.00	0.00030
-100.00	-150.00	0.00009	-90.00	-150.00	0.00009
-80.00	-150.00	0.00010	-70.00	-150.00	0.00011
-60.00	-150.00	0.00011	-50.00	-150.00	0.00012
-40.00	-150.00	0.00013	-30.00	-150.00	0.00015
-25.00	-150.00	0.00015	-20.00	-150.00	0.00016
-17.00	-150.00	0.00017	-15.00	-150.00	0.00017
-13.00	-150.00	0.00017	-11.00	-150.00	0.00018
-9.00	-150.00	0.00018	9.00	-150.00	0.00021
11.00	-150.00	0.00022	13.00	-150.00	0.00022
15.00	-150.00	0.00023	17.00	-150.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

05NCRA PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00024	25.00	-150.00	0.00025	
30.00	-150.00	0.00025	40.00	-150.00	0.00027	
50.00	-150.00	0.00029	60.00	-150.00	0.00030	
70.00	-150.00	0.00031	80.00	-150.00	0.00031	
90.00	-150.00	0.00032	100.00	-150.00	0.00033	
-100.00	-140.00	0.00009	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00010	-70.00	-140.00	0.00011	
-60.00	-140.00	0.00012	-50.00	-140.00	0.00013	
-40.00	-140.00	0.00014	-30.00	-140.00	0.00016	
-25.00	-140.00	0.00017	-20.00	-140.00	0.00017	
-17.00	-140.00	0.00018	-15.00	-140.00	0.00018	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00019	
-9.00	-140.00	0.00019	9.00	-140.00	0.00023	
11.00	-140.00	0.00024	13.00	-140.00	0.00024	
15.00	-140.00	0.00025	17.00	-140.00	0.00025	
20.00	-140.00	0.00026	25.00	-140.00	0.00027	
30.00	-140.00	0.00028	40.00	-140.00	0.00030	
50.00	-140.00	0.00031	60.00	-140.00	0.00032	
70.00	-140.00	0.00033	80.00	-140.00	0.00034	
90.00	-140.00	0.00035	100.00	-140.00	0.00036	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00010	
-80.00	-130.00	0.00011	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00013	-50.00	-130.00	0.00014	
-40.00	-130.00	0.00015	-30.00	-130.00	0.00017	
-25.00	-130.00	0.00018	-20.00	-130.00	0.00019	
-17.00	-130.00	0.00019	-15.00	-130.00	0.00020	
-13.00	-130.00	0.00020	-11.00	-130.00	0.00021	
-9.00	-130.00	0.00021	9.00	-130.00	0.00025	
11.00	-130.00	0.00026	13.00	-130.00	0.00026	
15.00	-130.00	0.00027	17.00	-130.00	0.00027	
20.00	-130.00	0.00028	25.00	-130.00	0.00029	
30.00	-130.00	0.00031	40.00	-130.00	0.00033	
50.00	-130.00	0.00034	60.00	-130.00	0.00036	
70.00	-130.00	0.00037	80.00	-130.00	0.00038	
90.00	-130.00	0.00039	100.00	-130.00	0.00040	
-100.00	-120.00	0.00010	-90.00	-120.00	0.00011	
-80.00	-120.00	0.00012	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00014	-50.00	-120.00	0.00015	
-40.00	-120.00	0.00016	-30.00	-120.00	0.00018	
-25.00	-120.00	0.00019	-20.00	-120.00	0.00020	

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00021	-15.00	-120.00	0.00021
-13.00	-120.00	0.00022	-11.00	-120.00	0.00022
-9.00	-120.00	0.00023	9.00	-120.00	0.00028
11.00	-120.00	0.00028	13.00	-120.00	0.00029
15.00	-120.00	0.00030	17.00	-120.00	0.00030
20.00	-120.00	0.00031	25.00	-120.00	0.00032
30.00	-120.00	0.00034	40.00	-120.00	0.00036
50.00	-120.00	0.00038	60.00	-120.00	0.00039
70.00	-120.00	0.00040	80.00	-120.00	0.00042
90.00	-120.00	0.00043	100.00	-120.00	0.00044
-100.00	-110.00	0.00011	-90.00	-110.00	0.00012
-80.00	-110.00	0.00012	-70.00	-110.00	0.00013
-60.00	-110.00	0.00015	-50.00	-110.00	0.00016
-40.00	-110.00	0.00017	-30.00	-110.00	0.00019
-25.00	-110.00	0.00021	-20.00	-110.00	0.00022
-17.00	-110.00	0.00023	-15.00	-110.00	0.00023
-13.00	-110.00	0.00024	-11.00	-110.00	0.00024
-9.00	-110.00	0.00025	9.00	-110.00	0.00031
11.00	-110.00	0.00031	13.00	-110.00	0.00032
15.00	-110.00	0.00033	17.00	-110.00	0.00033
20.00	-110.00	0.00034	25.00	-110.00	0.00036
30.00	-110.00	0.00037	40.00	-110.00	0.00040
50.00	-110.00	0.00042	60.00	-110.00	0.00043
70.00	-110.00	0.00045	80.00	-110.00	0.00046
90.00	-110.00	0.00047	100.00	-110.00	0.00049
-100.00	-100.00	0.00011	-90.00	-100.00	0.00012
-80.00	-100.00	0.00013	-70.00	-100.00	0.00014
-60.00	-100.00	0.00016	-50.00	-100.00	0.00017
-40.00	-100.00	0.00019	-30.00	-100.00	0.00021
-25.00	-100.00	0.00022	-20.00	-100.00	0.00024
-17.00	-100.00	0.00025	-15.00	-100.00	0.00025
-13.00	-100.00	0.00026	-11.00	-100.00	0.00027
-9.00	-100.00	0.00027	9.00	-100.00	0.00034
11.00	-100.00	0.00035	13.00	-100.00	0.00035

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00037
20.00	-100.00	0.00038	25.00	-100.00	0.00040
30.00	-100.00	0.00042	40.00	-100.00	0.00044
50.00	-100.00	0.00046	60.00	-100.00	0.00048
70.00	-100.00	0.00050	80.00	-100.00	0.00051
90.00	-100.00	0.00053	100.00	-100.00	0.00054

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 49  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00012	-90.00	-90.00	0.00013
-80.00	-90.00	0.00014	-70.00	-90.00	0.00015
-60.00	-90.00	0.00017	-50.00	-90.00	0.00018
-40.00	-90.00	0.00020	-30.00	-90.00	0.00023
-25.00	-90.00	0.00024	-20.00	-90.00	0.00026
-17.00	-90.00	0.00027	-15.00	-90.00	0.00028
-13.00	-90.00	0.00028	-11.00	-90.00	0.00029
-9.00	-90.00	0.00030	9.00	-90.00	0.00038
11.00	-90.00	0.00039	13.00	-90.00	0.00039
15.00	-90.00	0.00040	17.00	-90.00	0.00041
20.00	-90.00	0.00043	25.00	-90.00	0.00045
30.00	-90.00	0.00047	40.00	-90.00	0.00050
50.00	-90.00	0.00052	60.00	-90.00	0.00054
70.00	-90.00	0.00056	80.00	-90.00	0.00058
90.00	-90.00	0.00059	100.00	-90.00	0.00060
-100.00	-80.00	0.00012	-90.00	-80.00	0.00014
-80.00	-80.00	0.00015	-70.00	-80.00	0.00016
-60.00	-80.00	0.00018	-50.00	-80.00	0.00020
-40.00	-80.00	0.00022	-30.00	-80.00	0.00025
-25.00	-80.00	0.00026	-20.00	-80.00	0.00028
-17.00	-80.00	0.00029	-15.00	-80.00	0.00030
-13.00	-80.00	0.00031	-11.00	-80.00	0.00032
-9.00	-80.00	0.00033	9.00	-80.00	0.00042
11.00	-80.00	0.00043	13.00	-80.00	0.00044
15.00	-80.00	0.00045	17.00	-80.00	0.00046
20.00	-80.00	0.00048	25.00	-80.00	0.00050
30.00	-80.00	0.00053	40.00	-80.00	0.00056
50.00	-80.00	0.00059	60.00	-80.00	0.00061

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00063	80.00	-80.00	0.00065
90.00	-80.00	0.00067	100.00	-80.00	0.00068
-100.00	-70.00	0.00013	-90.00	-70.00	0.00014
-80.00	-70.00	0.00016	-70.00	-70.00	0.00018
-60.00	-70.00	0.00019	-50.00	-70.00	0.00021
-40.00	-70.00	0.00024	-30.00	-70.00	0.00027
-25.00	-70.00	0.00029	-20.00	-70.00	0.00031
-17.00	-70.00	0.00032	-15.00	-70.00	0.00033
-13.00	-70.00	0.00034	-11.00	-70.00	0.00035
-9.00	-70.00	0.00036	9.00	-70.00	0.00048
11.00	-70.00	0.00049	13.00	-70.00	0.00050
15.00	-70.00	0.00051	17.00	-70.00	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 50

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00054	25.00	-70.00	0.00057
30.00	-70.00	0.00060	40.00	-70.00	0.00064
50.00	-70.00	0.00067	60.00	-70.00	0.00070
70.00	-70.00	0.00072	80.00	-70.00	0.00074
90.00	-70.00	0.00076	100.00	-70.00	0.00076
-100.00	-60.00	0.00013	-90.00	-60.00	0.00015
-80.00	-60.00	0.00017	-70.00	-60.00	0.00019
-60.00	-60.00	0.00021	-50.00	-60.00	0.00023
-40.00	-60.00	0.00026	-30.00	-60.00	0.00029
-25.00	-60.00	0.00031	-20.00	-60.00	0.00034
-17.00	-60.00	0.00036	-15.00	-60.00	0.00037
-13.00	-60.00	0.00038	-11.00	-60.00	0.00039
-9.00	-60.00	0.00041	9.00	-60.00	0.00054
11.00	-60.00	0.00056	13.00	-60.00	0.00057
15.00	-60.00	0.00059	17.00	-60.00	0.00060
20.00	-60.00	0.00062	25.00	-60.00	0.00066
30.00	-60.00	0.00068	40.00	-60.00	0.00073
50.00	-60.00	0.00077	60.00	-60.00	0.00080
70.00	-60.00	0.00083	80.00	-60.00	0.00085
90.00	-60.00	0.00086	100.00	-60.00	0.00085
-100.00	-50.00	0.00014	-90.00	-50.00	0.00015
-80.00	-50.00	0.00018	-70.00	-50.00	0.00020

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00023	-50.00	-50.00	0.00025
-40.00	-50.00	0.00028	-30.00	-50.00	0.00032
-25.00	-50.00	0.00035	-20.00	-50.00	0.00038
-17.00	-50.00	0.00039	-15.00	-50.00	0.00041
-13.00	-50.00	0.00042	-11.00	-50.00	0.00044
-9.00	-50.00	0.00045	9.00	-50.00	0.00062
11.00	-50.00	0.00064	13.00	-50.00	0.00066
15.00	-50.00	0.00068	17.00	-50.00	0.00070
20.00	-50.00	0.00072	25.00	-50.00	0.00076
30.00	-50.00	0.00079	40.00	-50.00	0.00084
50.00	-50.00	0.00089	60.00	-50.00	0.00093
70.00	-50.00	0.00096	80.00	-50.00	0.00098
90.00	-50.00	0.00097	100.00	-50.00	0.00096
-100.00	-40.00	0.00014	-90.00	-40.00	0.00016
-80.00	-40.00	0.00018	-70.00	-40.00	0.00021
-60.00	-40.00	0.00024	-50.00	-40.00	0.00027
-40.00	-40.00	0.00031	-30.00	-40.00	0.00036
-25.00	-40.00	0.00038	-20.00	-40.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00044	-15.00	-40.00	0.00046
-13.00	-40.00	0.00047	-11.00	-40.00	0.00049
-9.00	-40.00	0.00051	9.00	-40.00	0.00072
11.00	-40.00	0.00074	13.00	-40.00	0.00077
15.00	-40.00	0.00079	17.00	-40.00	0.00081
20.00	-40.00	0.00084	25.00	-40.00	0.00089
30.00	-40.00	0.00093	40.00	-40.00	0.00099
50.00	-40.00	0.00105	60.00	-40.00	0.00109
70.00	-40.00	0.00112	80.00	-40.00	0.00112
90.00	-40.00	0.00111	100.00	-40.00	0.00108
-100.00	-30.00	0.00015	-90.00	-30.00	0.00017
-80.00	-30.00	0.00019	-70.00	-30.00	0.00022
-60.00	-30.00	0.00026	-50.00	-30.00	0.00030
-40.00	-30.00	0.00034	-30.00	-30.00	0.00039
-25.00	-30.00	0.00043	-20.00	-30.00	0.00046
-17.00	-30.00	0.00049	-15.00	-30.00	0.00051

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00053	-11.00	-30.00	0.00056
-9.00	-30.00	0.00058	9.00	-30.00	0.00084
11.00	-30.00	0.00087	13.00	-30.00	0.00090
15.00	-30.00	0.00093	17.00	-30.00	0.00096
20.00	-30.00	0.00100	25.00	-30.00	0.00105
30.00	-30.00	0.00110	40.00	-30.00	0.00118
50.00	-30.00	0.00125	60.00	-30.00	0.00129
70.00	-30.00	0.00131	80.00	-30.00	0.00130
90.00	-30.00	0.00126	100.00	-30.00	0.00121
-100.00	-20.00	0.00016	-90.00	-20.00	0.00018
-80.00	-20.00	0.00020	-70.00	-20.00	0.00023
-60.00	-20.00	0.00027	-50.00	-20.00	0.00032
-40.00	-20.00	0.00037	-30.00	-20.00	0.00044
-25.00	-20.00	0.00047	-20.00	-20.00	0.00052
-17.00	-20.00	0.00055	-15.00	-20.00	0.00058
-13.00	-20.00	0.00060	-11.00	-20.00	0.00063
-9.00	-20.00	0.00066	9.00	-20.00	0.00100
11.00	-20.00	0.00104	13.00	-20.00	0.00108
15.00	-20.00	0.00111	17.00	-20.00	0.00115
20.00	-20.00	0.00119	25.00	-20.00	0.00126
30.00	-20.00	0.00132	40.00	-20.00	0.00143
50.00	-20.00	0.00150	60.00	-20.00	0.00154
70.00	-20.00	0.00154	80.00	-20.00	0.00150
90.00	-20.00	0.00143	100.00	-20.00	0.00134

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00017	-90.00	-10.00	0.00019
-80.00	-10.00	0.00022	-70.00	-10.00	0.00025
-60.00	-10.00	0.00029	-50.00	-10.00	0.00034
-40.00	-10.00	0.00041	-30.00	-10.00	0.00049
-25.00	-10.00	0.00053	-20.00	-10.00	0.00058
-17.00	-10.00	0.00062	-15.00	-10.00	0.00065
-13.00	-10.00	0.00068	-11.00	-10.00	0.00072
-9.00	-10.00	0.00076	9.00	-10.00	0.00121
11.00	-10.00	0.00126	13.00	-10.00	0.00131
15.00	-10.00	0.00135	17.00	-10.00	0.00140



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00145	25.00	-10.00	0.00154
30.00	-10.00	0.00162	40.00	-10.00	0.00176
50.00	-10.00	0.00183	60.00	-10.00	0.00184
70.00	-10.00	0.00180	80.00	-10.00	0.00171
90.00	-10.00	0.00159	100.00	-10.00	0.00146
-100.00	0.00	0.00018	-90.00	0.00	0.00020
-80.00	0.00	0.00023	-70.00	0.00	0.00027
-60.00	0.00	0.00031	-50.00	0.00	0.00037
-40.00	0.00	0.00044	-30.00	0.00	0.00054
-25.00	0.00	0.00059	-20.00	0.00	0.00066
-17.00	0.00	0.00070	-15.00	0.00	0.00074
-13.00	0.00	0.00078	-11.00	0.00	0.00082
-9.00	0.00	0.00087	9.00	0.00	0.00148
11.00	0.00	0.00155	13.00	0.00	0.00162
15.00	0.00	0.00168	17.00	0.00	0.00173
20.00	0.00	0.00181	25.00	0.00	0.00194
30.00	0.00	0.00205	40.00	0.00	0.00220
50.00	0.00	0.00225	60.00	0.00	0.00220
70.00	0.00	0.00208	80.00	0.00	0.00192
90.00	0.00	0.00174	100.00	0.00	0.00157
-100.00	10.00	0.00019	-90.00	10.00	0.00021
-80.00	10.00	0.00024	-70.00	10.00	0.00028
-60.00	10.00	0.00033	-50.00	10.00	0.00040
-40.00	10.00	0.00048	-30.00	10.00	0.00059
-25.00	10.00	0.00066	-20.00	10.00	0.00074
-17.00	10.00	0.00079	-15.00	10.00	0.00083
-13.00	10.00	0.00088	-11.00	10.00	0.00094
-9.00	10.00	0.00100	9.00	10.00	0.00186
11.00	10.00	0.00196	13.00	10.00	0.00205
15.00	10.00	0.00213	17.00	10.00	0.00222

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00234	25.00	10.00	0.00251
30.00	10.00	0.00265	40.00	10.00	0.00278
50.00	10.00	0.00274	60.00	10.00	0.00258
70.00	10.00	0.00235	80.00	10.00	0.00210

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00187	100.00	10.00	0.00165
-100.00	20.00	0.00021	-90.00	20.00	0.00023
-80.00	20.00	0.00026	-70.00	20.00	0.00031
-60.00	20.00	0.00036	-50.00	20.00	0.00043
-40.00	20.00	0.00052	-30.00	20.00	0.00063
-25.00	20.00	0.00071	-20.00	20.00	0.00081
-17.00	20.00	0.00088	-15.00	20.00	0.00094
-13.00	20.00	0.00099	-11.00	20.00	0.00106
-9.00	20.00	0.00114	9.00	20.00	0.00241
11.00	20.00	0.00256	13.00	20.00	0.00270
15.00	20.00	0.00284	17.00	20.00	0.00297
20.00	20.00	0.00314	25.00	20.00	0.00337
30.00	20.00	0.00349	40.00	20.00	0.00349
50.00	20.00	0.00325	60.00	20.00	0.00292
70.00	20.00	0.00258	80.00	20.00	0.00225
90.00	20.00	0.00196	100.00	20.00	0.00170
-100.00	30.00	0.00023	-90.00	30.00	0.00025
-80.00	30.00	0.00029	-70.00	30.00	0.00033
-60.00	30.00	0.00039	-50.00	30.00	0.00046
-40.00	30.00	0.00056	-30.00	30.00	0.00069
-25.00	30.00	0.00077	-20.00	30.00	0.00088
-17.00	30.00	0.00096	-15.00	30.00	0.00103
-13.00	30.00	0.00110	-11.00	30.00	0.00119
-9.00	30.00	0.00129	9.00	30.00	0.00334
11.00	30.00	0.00360	13.00	30.00	0.00383
15.00	30.00	0.00404	17.00	30.00	0.00421
20.00	30.00	0.00440	25.00	30.00	0.00455
30.00	30.00	0.00452	40.00	30.00	0.00417
50.00	30.00	0.00369	60.00	30.00	0.00320
70.00	30.00	0.00274	80.00	30.00	0.00234
90.00	30.00	0.00200	100.00	30.00	0.00171
-100.00	40.00	0.00025	-90.00	40.00	0.00028
-80.00	40.00	0.00032	-70.00	40.00	0.00037
-60.00	40.00	0.00043	-50.00	40.00	0.00051
-40.00	40.00	0.00062	-30.00	40.00	0.00076
-25.00	40.00	0.00085	-20.00	40.00	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

05NCRA PL97-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00105	-15.00	40.00	0.00112
-13.00	40.00	0.00120	-11.00	40.00	0.00131
-9.00	40.00	0.00144	9.00	40.00	0.00534
11.00	40.00	0.00560	13.00	40.00	0.00576
15.00	40.00	0.00585	17.00	40.00	0.00588
20.00	40.00	0.00586	25.00	40.00	0.00567
30.00	40.00	0.00538	40.00	40.00	0.00468
50.00	40.00	0.00398	60.00	40.00	0.00335
70.00	40.00	0.00282	80.00	40.00	0.00236
90.00	40.00	0.00199	100.00	40.00	0.00168
-100.00	50.00	0.00027	-90.00	50.00	0.00030
-80.00	50.00	0.00035	-70.00	50.00	0.00041
-60.00	50.00	0.00048	-50.00	50.00	0.00057
-40.00	50.00	0.00070	-30.00	50.00	0.00087
-25.00	50.00	0.00098	-20.00	50.00	0.00112
-17.00	50.00	0.00123	-15.00	50.00	0.00132
-13.00	50.00	0.00143	-11.00	50.00	0.00157
-9.00	50.00	0.00177	9.00	50.00	0.00679
11.00	50.00	0.00681	13.00	50.00	0.00680
15.00	50.00	0.00677	17.00	50.00	0.00670
20.00	50.00	0.00655	25.00	50.00	0.00619
30.00	50.00	0.00577	40.00	50.00	0.00489
50.00	50.00	0.00407	60.00	50.00	0.00336
70.00	50.00	0.00278	80.00	50.00	0.00230
90.00	50.00	0.00191	100.00	50.00	0.00159
-100.00	60.00	0.00029	-90.00	60.00	0.00034
-80.00	60.00	0.00039	-70.00	60.00	0.00046
-60.00	60.00	0.00055	-50.00	60.00	0.00066
-40.00	60.00	0.00082	-30.00	60.00	0.00104
-25.00	60.00	0.00118	-20.00	60.00	0.00137
-17.00	60.00	0.00152	-15.00	60.00	0.00164
-13.00	60.00	0.00179	-11.00	60.00	0.00196
-9.00	60.00	0.00218	9.00	60.00	0.00684
11.00	60.00	0.00685	13.00	60.00	0.00684
15.00	60.00	0.00681	17.00	60.00	0.00674
20.00	60.00	0.00658	25.00	60.00	0.00621
30.00	60.00	0.00577	40.00	60.00	0.00484
50.00	60.00	0.00398	60.00	60.00	0.00324
70.00	60.00	0.00264	80.00	60.00	0.00215
90.00	60.00	0.00177	100.00	60.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00032	-90.00	70.00	0.00037	
-80.00	70.00	0.00044	-70.00	70.00	0.00052	
-60.00	70.00	0.00062	-50.00	70.00	0.00076	
-40.00	70.00	0.00094	-30.00	70.00	0.00120	
-25.00	70.00	0.00138	-20.00	70.00	0.00160	
-17.00	70.00	0.00176	-15.00	70.00	0.00188	
-13.00	70.00	0.00202	-11.00	70.00	0.00217	
-9.00	70.00	0.00236	9.00	70.00	0.00674	
11.00	70.00	0.00674	13.00	70.00	0.00673	
15.00	70.00	0.00669	17.00	70.00	0.00661	
20.00	70.00	0.00644	25.00	70.00	0.00604	
30.00	70.00	0.00559	40.00	70.00	0.00462	
50.00	70.00	0.00374	60.00	70.00	0.00300	
70.00	70.00	0.00241	80.00	70.00	0.00195	
90.00	70.00	0.00158	100.00	70.00	0.00130	
-100.00	80.00	0.00035	-90.00	80.00	0.00041	
-80.00	80.00	0.00048	-70.00	80.00	0.00057	
-60.00	80.00	0.00069	-50.00	80.00	0.00084	
-40.00	80.00	0.00104	-30.00	80.00	0.00133	
-25.00	80.00	0.00152	-20.00	80.00	0.00173	
-17.00	80.00	0.00188	-15.00	80.00	0.00198	
-13.00	80.00	0.00210	-11.00	80.00	0.00223	
-9.00	80.00	0.00239	9.00	80.00	0.00655	
11.00	80.00	0.00654	13.00	80.00	0.00652	
15.00	80.00	0.00646	17.00	80.00	0.00637	
20.00	80.00	0.00618	25.00	80.00	0.00577	
30.00	80.00	0.00528	40.00	80.00	0.00428	
50.00	80.00	0.00339	60.00	80.00	0.00267	
70.00	80.00	0.00211	80.00	80.00	0.00169	
90.00	80.00	0.00137	100.00	80.00	0.00113	
-100.00	90.00	0.00037	-90.00	90.00	0.00044	
-80.00	90.00	0.00051	-70.00	90.00	0.00061	
-60.00	90.00	0.00074	-50.00	90.00	0.00091	
-40.00	90.00	0.00113	-30.00	90.00	0.00141	
-25.00	90.00	0.00158	-20.00	90.00	0.00177	
-17.00	90.00	0.00190	-15.00	90.00	0.00199	

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00209	-11.00	90.00	0.00220
-9.00	90.00	0.00234	9.00	90.00	0.00627
11.00	90.00	0.00624	13.00	90.00	0.00619
15.00	90.00	0.00611	17.00	90.00	0.00601

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00580	25.00	90.00	0.00535
30.00	90.00	0.00482	40.00	90.00	0.00379
50.00	90.00	0.00293	60.00	90.00	0.00226
70.00	90.00	0.00177	80.00	90.00	0.00141
90.00	90.00	0.00115	100.00	90.00	0.00095
-100.00	100.00	0.00039	-90.00	100.00	0.00046
-80.00	100.00	0.00054	-70.00	100.00	0.00065
-60.00	100.00	0.00079	-50.00	100.00	0.00097
-40.00	100.00	0.00118	-30.00	100.00	0.00144
-25.00	100.00	0.00159	-20.00	100.00	0.00175
-17.00	100.00	0.00186	-15.00	100.00	0.00194
-13.00	100.00	0.00202	-11.00	100.00	0.00212
-9.00	100.00	0.00223	9.00	100.00	0.00586
11.00	100.00	0.00580	13.00	100.00	0.00572
15.00	100.00	0.00562	17.00	100.00	0.00548
20.00	100.00	0.00523	25.00	100.00	0.00472
30.00	100.00	0.00417	40.00	100.00	0.00315
50.00	100.00	0.00236	60.00	100.00	0.00180
70.00	100.00	0.00141	80.00	100.00	0.00113
90.00	100.00	0.00093	100.00	100.00	0.00077
-100.00	110.00	0.00040	-90.00	110.00	0.00047
-80.00	110.00	0.00056	-70.00	110.00	0.00068
-60.00	110.00	0.00082	-50.00	110.00	0.00099
-40.00	110.00	0.00120	-30.00	110.00	0.00144
-25.00	110.00	0.00157	-20.00	110.00	0.00170
-17.00	110.00	0.00179	-15.00	110.00	0.00185
-13.00	110.00	0.00191	-11.00	110.00	0.00199
-9.00	110.00	0.00208	9.00	110.00	0.00526
11.00	110.00	0.00514	13.00	110.00	0.00501
15.00	110.00	0.00486	17.00	110.00	0.00467

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00436	25.00	110.00	0.00379
30.00	110.00	0.00324	40.00	110.00	0.00235
50.00	110.00	0.00175	60.00	110.00	0.00135
70.00	110.00	0.00107	80.00	110.00	0.00087
90.00	110.00	0.00072	100.00	110.00	0.00061
-100.00	120.00	0.00041	-90.00	120.00	0.00048
-80.00	120.00	0.00057	-70.00	120.00	0.00069
-60.00	120.00	0.00082	-50.00	120.00	0.00099
-40.00	120.00	0.00118	-30.00	120.00	0.00140
-25.00	120.00	0.00152	-20.00	120.00	0.00163

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00170	-15.00	120.00	0.00175
-13.00	120.00	0.00179	-11.00	120.00	0.00184
-9.00	120.00	0.00191	9.00	120.00	0.00426
11.00	120.00	0.00403	13.00	120.00	0.00380
15.00	120.00	0.00357	17.00	120.00	0.00334
20.00	120.00	0.00300	25.00	120.00	0.00251
30.00	120.00	0.00211	40.00	120.00	0.00156
50.00	120.00	0.00120	60.00	120.00	0.00095
70.00	120.00	0.00077	80.00	120.00	0.00064
90.00	120.00	0.00054	100.00	120.00	0.00047
-100.00	130.00	0.00042	-90.00	130.00	0.00049
-80.00	130.00	0.00057	-70.00	130.00	0.00068
-60.00	130.00	0.00081	-50.00	130.00	0.00096
-40.00	130.00	0.00113	-30.00	130.00	0.00133
-25.00	130.00	0.00143	-20.00	130.00	0.00153
-17.00	130.00	0.00159	-15.00	130.00	0.00162
-13.00	130.00	0.00165	-11.00	130.00	0.00169
-9.00	130.00	0.00172	9.00	130.00	0.00217
11.00	130.00	0.00193	13.00	130.00	0.00177
15.00	130.00	0.00165	17.00	130.00	0.00156
20.00	130.00	0.00143	25.00	130.00	0.00126
30.00	130.00	0.00112	40.00	130.00	0.00090
50.00	130.00	0.00074	60.00	130.00	0.00062
70.00	130.00	0.00053	80.00	130.00	0.00046

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90.00	130.00	0.00040	100.00	130.00	0.00035
-100.00	140.00	0.00042	-90.00	140.00	0.00048
-80.00	140.00	0.00056	-70.00	140.00	0.00066
-60.00	140.00	0.00077	-50.00	140.00	0.00090
-40.00	140.00	0.00105	-30.00	140.00	0.00120
-25.00	140.00	0.00127	-20.00	140.00	0.00134
-17.00	140.00	0.00136	-15.00	140.00	0.00137
-13.00	140.00	0.00137	-11.00	140.00	0.00136
-9.00	140.00	0.00133	9.00	140.00	0.00060
11.00	140.00	0.00060	13.00	140.00	0.00060
15.00	140.00	0.00060	17.00	140.00	0.00060
20.00	140.00	0.00059	25.00	140.00	0.00058
30.00	140.00	0.00056	40.00	140.00	0.00051
50.00	140.00	0.00046	60.00	140.00	0.00041
70.00	140.00	0.00037	80.00	140.00	0.00033
90.00	140.00	0.00029	100.00	140.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00054	-70.00	150.00	0.00062
-60.00	150.00	0.00070	-50.00	150.00	0.00080
-40.00	150.00	0.00091	-30.00	150.00	0.00100
-25.00	150.00	0.00103	-20.00	150.00	0.00103
-17.00	150.00	0.00101	-15.00	150.00	0.00099
-13.00	150.00	0.00095	-11.00	150.00	0.00090
-9.00	150.00	0.00083	9.00	150.00	0.00040
11.00	150.00	0.00039	13.00	150.00	0.00039
15.00	150.00	0.00038	17.00	150.00	0.00038
20.00	150.00	0.00037	25.00	150.00	0.00036
30.00	150.00	0.00035	40.00	150.00	0.00033
50.00	150.00	0.00030	60.00	150.00	0.00028
70.00	150.00	0.00026	80.00	150.00	0.00024
90.00	150.00	0.00022	100.00	150.00	0.00020
-100.00	160.00	0.00039	-90.00	160.00	0.00044
-80.00	160.00	0.00049	-70.00	160.00	0.00056
-60.00	160.00	0.00062	-50.00	160.00	0.00069

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-40.00	160.00	0.00076	-30.00	160.00	0.00079
-25.00	160.00	0.00077	-20.00	160.00	0.00073
-17.00	160.00	0.00070	-15.00	160.00	0.00067
-13.00	160.00	0.00063	-11.00	160.00	0.00059
-9.00	160.00	0.00055	9.00	160.00	0.00030
11.00	160.00	0.00029	13.00	160.00	0.00029
15.00	160.00	0.00028	17.00	160.00	0.00028
20.00	160.00	0.00027	25.00	160.00	0.00027
30.00	160.00	0.00026	40.00	160.00	0.00024
50.00	160.00	0.00022	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00018
90.00	160.00	0.00017	100.00	160.00	0.00016
-100.00	170.00	0.00036	-90.00	170.00	0.00040
-80.00	170.00	0.00045	-70.00	170.00	0.00050
-60.00	170.00	0.00054	-50.00	170.00	0.00059
-40.00	170.00	0.00061	-30.00	170.00	0.00059
-25.00	170.00	0.00056	-20.00	170.00	0.00052
-17.00	170.00	0.00049	-15.00	170.00	0.00047
-13.00	170.00	0.00044	-11.00	170.00	0.00042
-9.00	170.00	0.00039	9.00	170.00	0.00024
11.00	170.00	0.00023	13.00	170.00	0.00022
15.00	170.00	0.00022	17.00	170.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00021	25.00	170.00	0.00021
30.00	170.00	0.00020	40.00	170.00	0.00019
50.00	170.00	0.00018	60.00	170.00	0.00017
70.00	170.00	0.00016	80.00	170.00	0.00015
90.00	170.00	0.00014	100.00	170.00	0.00013
-100.00	180.00	0.00033	-90.00	180.00	0.00037
-80.00	180.00	0.00040	-70.00	180.00	0.00044
-60.00	180.00	0.00047	-50.00	180.00	0.00049
-40.00	180.00	0.00048	-30.00	180.00	0.00045
-25.00	180.00	0.00042	-20.00	180.00	0.00038
-17.00	180.00	0.00036	-15.00	180.00	0.00034
-13.00	180.00	0.00033	-11.00	180.00	0.00031



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00030	9.00	180.00	0.00019
11.00	180.00	0.00018	13.00	180.00	0.00018
15.00	180.00	0.00018	17.00	180.00	0.00018
20.00	180.00	0.00017	25.00	180.00	0.00017
30.00	180.00	0.00016	40.00	180.00	0.00015
50.00	180.00	0.00015	60.00	180.00	0.00014
70.00	180.00	0.00013	80.00	180.00	0.00012
90.00	180.00	0.00012	100.00	180.00	0.00011
-100.00	190.00	0.00031	-90.00	190.00	0.00033
-80.00	190.00	0.00036	-70.00	190.00	0.00038
-60.00	190.00	0.00039	-50.00	190.00	0.00039
-40.00	190.00	0.00038	-30.00	190.00	0.00034
-25.00	190.00	0.00032	-20.00	190.00	0.00029
-17.00	190.00	0.00027	-15.00	190.00	0.00026
-13.00	190.00	0.00025	-11.00	190.00	0.00024
-9.00	190.00	0.00023	9.00	190.00	0.00016
11.00	190.00	0.00015	13.00	190.00	0.00015
15.00	190.00	0.00015	17.00	190.00	0.00014
20.00	190.00	0.00014	25.00	190.00	0.00014
30.00	190.00	0.00013	40.00	190.00	0.00013
50.00	190.00	0.00012	60.00	190.00	0.00011
70.00	190.00	0.00011	80.00	190.00	0.00010
90.00	190.00	0.00010	100.00	190.00	0.00009
-100.00	200.00	0.00028	-90.00	200.00	0.00030
-80.00	200.00	0.00031	-70.00	200.00	0.00032
-60.00	200.00	0.00033	-50.00	200.00	0.00032
-40.00	200.00	0.00030	-30.00	200.00	0.00027
-25.00	200.00	0.00025	-20.00	200.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00022	-15.00	200.00	0.00021
-13.00	200.00	0.00020	-11.00	200.00	0.00019
-9.00	200.00	0.00019	9.00	200.00	0.00013
11.00	200.00	0.00013	13.00	200.00	0.00013
15.00	200.00	0.00012	17.00	200.00	0.00012
20.00	200.00	0.00012	25.00	200.00	0.00012

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30.00	200.00	0.00011	40.00	200.00	0.00011
50.00	200.00	0.00010	60.00	200.00	0.00010
70.00	200.00	0.00009	80.00	200.00	0.00009
90.00	200.00	0.00009	100.00	200.00	0.00008
-100.00	210.00	0.00025	-90.00	210.00	0.00026
-80.00	210.00	0.00027	-70.00	210.00	0.00027
-60.00	210.00	0.00027	-50.00	210.00	0.00026
-40.00	210.00	0.00024	-30.00	210.00	0.00022
-25.00	210.00	0.00020	-20.00	210.00	0.00018
-17.00	210.00	0.00018	-15.00	210.00	0.00017
-13.00	210.00	0.00016	-11.00	210.00	0.00016
-9.00	210.00	0.00016	9.00	210.00	0.00011
11.00	210.00	0.00011	13.00	210.00	0.00011
15.00	210.00	0.00010	17.00	210.00	0.00010
20.00	210.00	0.00010	25.00	210.00	0.00010
30.00	210.00	0.00010	40.00	210.00	0.00009
50.00	210.00	0.00009	60.00	210.00	0.00008
70.00	210.00	0.00008	80.00	210.00	0.00008
90.00	210.00	0.00007	100.00	210.00	0.00007
-100.00	220.00	0.00023	-90.00	220.00	0.00023
-80.00	220.00	0.00023	-70.00	220.00	0.00023
-60.00	220.00	0.00023	-50.00	220.00	0.00022
-40.00	220.00	0.00020	-30.00	220.00	0.00018
-25.00	220.00	0.00016	-20.00	220.00	0.00015
-17.00	220.00	0.00015	-15.00	220.00	0.00014
-13.00	220.00	0.00014	-11.00	220.00	0.00013
-9.00	220.00	0.00013	9.00	220.00	0.00010
11.00	220.00	0.00009	13.00	220.00	0.00009
15.00	220.00	0.00009	17.00	220.00	0.00009
20.00	220.00	0.00009	25.00	220.00	0.00009
30.00	220.00	0.00008	40.00	220.00	0.00008
50.00	220.00	0.00008	60.00	220.00	0.00007
70.00	220.00	0.00007	80.00	220.00	0.00007
90.00	220.00	0.00007	100.00	220.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

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-100.00	230.00	0.00020	-90.00	230.00	0.00020
-80.00	230.00	0.00020	-70.00	230.00	0.00020
-60.00	230.00	0.00019	-50.00	230.00	0.00018
-40.00	230.00	0.00017	-30.00	230.00	0.00015
-25.00	230.00	0.00014	-20.00	230.00	0.00013
-17.00	230.00	0.00012	-15.00	230.00	0.00012
-13.00	230.00	0.00012	-11.00	230.00	0.00011
-9.00	230.00	0.00011	9.00	230.00	0.00008
11.00	230.00	0.00008	13.00	230.00	0.00008
15.00	230.00	0.00008	17.00	230.00	0.00008
20.00	230.00	0.00008	25.00	230.00	0.00007
30.00	230.00	0.00007	40.00	230.00	0.00007
50.00	230.00	0.00007	60.00	230.00	0.00006
70.00	230.00	0.00006	80.00	230.00	0.00006
90.00	230.00	0.00006	100.00	230.00	0.00006
-100.00	240.00	0.00018	-90.00	240.00	0.00018
-80.00	240.00	0.00017	-70.00	240.00	0.00017
-60.00	240.00	0.00016	-50.00	240.00	0.00015
-40.00	240.00	0.00014	-30.00	240.00	0.00012
-25.00	240.00	0.00012	-20.00	240.00	0.00011
-17.00	240.00	0.00011	-15.00	240.00	0.00010
-13.00	240.00	0.00010	-11.00	240.00	0.00010
-9.00	240.00	0.00010	9.00	240.00	0.00007
11.00	240.00	0.00007	13.00	240.00	0.00007
15.00	240.00	0.00007	17.00	240.00	0.00007
20.00	240.00	0.00007	25.00	240.00	0.00006
30.00	240.00	0.00006	40.00	240.00	0.00006
50.00	240.00	0.00006	60.00	240.00	0.00006
70.00	240.00	0.00005	80.00	240.00	0.00005
90.00	240.00	0.00005	100.00	240.00	0.00005
-100.00	250.00	0.00015	-90.00	250.00	0.00015
-80.00	250.00	0.00015	-70.00	250.00	0.00015
-60.00	250.00	0.00014	-50.00	250.00	0.00013
-40.00	250.00	0.00012	-30.00	250.00	0.00011
-25.00	250.00	0.00010	-20.00	250.00	0.00009
-17.00	250.00	0.00009	-15.00	250.00	0.00009
-13.00	250.00	0.00009	-11.00	250.00	0.00009
-9.00	250.00	0.00008	9.00	250.00	0.00007
11.00	250.00	0.00006	13.00	250.00	0.00006
15.00	250.00	0.00006	17.00	250.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00006	25.00	250.00	0.00006	
30.00	250.00	0.00006	40.00	250.00	0.00006	
50.00	250.00	0.00005	60.00	250.00	0.00005	
70.00	250.00	0.00005	80.00	250.00	0.00005	
90.00	250.00	0.00005	100.00	250.00	0.00004	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00008	-90.00	-250.00	0.00009	
-80.00	-250.00	0.00009	-70.00	-250.00	0.00010	
-60.00	-250.00	0.00011	-50.00	-250.00	0.00012	
-40.00	-250.00	0.00013	-30.00	-250.00	0.00014	
-25.00	-250.00	0.00014	-20.00	-250.00	0.00015	
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016	
-13.00	-250.00	0.00016	-11.00	-250.00	0.00017	
-9.00	-250.00	0.00017	9.00	-250.00	0.00020	
11.00	-250.00	0.00020	13.00	-250.00	0.00020	
15.00	-250.00	0.00021	17.00	-250.00	0.00021	
20.00	-250.00	0.00022	25.00	-250.00	0.00023	
30.00	-250.00	0.00023	40.00	-250.00	0.00025	
50.00	-250.00	0.00026	60.00	-250.00	0.00027	
70.00	-250.00	0.00028	80.00	-250.00	0.00029	
90.00	-250.00	0.00029	100.00	-250.00	0.00030	
-100.00	-240.00	0.00009	-90.00	-240.00	0.00009	
-80.00	-240.00	0.00010	-70.00	-240.00	0.00011	
-60.00	-240.00	0.00011	-50.00	-240.00	0.00012	
-40.00	-240.00	0.00013	-30.00	-240.00	0.00015	
-25.00	-240.00	0.00015	-20.00	-240.00	0.00016	
-17.00	-240.00	0.00017	-15.00	-240.00	0.00017	
-13.00	-240.00	0.00017	-11.00	-240.00	0.00018	
-9.00	-240.00	0.00018	9.00	-240.00	0.00021	

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11.00	-240.00	0.00022	13.00	-240.00	0.00022
15.00	-240.00	0.00023	17.00	-240.00	0.00023
20.00	-240.00	0.00024	25.00	-240.00	0.00025
30.00	-240.00	0.00025	40.00	-240.00	0.00027
50.00	-240.00	0.00029	60.00	-240.00	0.00030
70.00	-240.00	0.00031	80.00	-240.00	0.00031
90.00	-240.00	0.00032	100.00	-240.00	0.00033
-100.00	-230.00	0.00009	-90.00	-230.00	0.00010
-80.00	-230.00	0.00010	-70.00	-230.00	0.00011
-60.00	-230.00	0.00012	-50.00	-230.00	0.00013
-40.00	-230.00	0.00014	-30.00	-230.00	0.00016
-25.00	-230.00	0.00017	-20.00	-230.00	0.00017
-17.00	-230.00	0.00018	-15.00	-230.00	0.00018
-13.00	-230.00	0.00019	-11.00	-230.00	0.00019
-9.00	-230.00	0.00019	9.00	-230.00	0.00023
11.00	-230.00	0.00024	13.00	-230.00	0.00024
15.00	-230.00	0.00025	17.00	-230.00	0.00025

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 64

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00027
30.00	-230.00	0.00028	40.00	-230.00	0.00030
50.00	-230.00	0.00031	60.00	-230.00	0.00032
70.00	-230.00	0.00033	80.00	-230.00	0.00034
90.00	-230.00	0.00035	100.00	-230.00	0.00036
-100.00	-220.00	0.00010	-90.00	-220.00	0.00010
-80.00	-220.00	0.00011	-70.00	-220.00	0.00012
-60.00	-220.00	0.00013	-50.00	-220.00	0.00014
-40.00	-220.00	0.00015	-30.00	-220.00	0.00017
-25.00	-220.00	0.00018	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00020
-13.00	-220.00	0.00020	-11.00	-220.00	0.00021
-9.00	-220.00	0.00021	9.00	-220.00	0.00025
11.00	-220.00	0.00026	13.00	-220.00	0.00026
15.00	-220.00	0.00027	17.00	-220.00	0.00027
20.00	-220.00	0.00028	25.00	-220.00	0.00029
30.00	-220.00	0.00031	40.00	-220.00	0.00033

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00034	60.00	-220.00	0.00036
70.00	-220.00	0.00037	80.00	-220.00	0.00038
90.00	-220.00	0.00039	100.00	-220.00	0.00040
-100.00	-210.00	0.00010	-90.00	-210.00	0.00011
-80.00	-210.00	0.00012	-70.00	-210.00	0.00013
-60.00	-210.00	0.00014	-50.00	-210.00	0.00015
-40.00	-210.00	0.00016	-30.00	-210.00	0.00018
-25.00	-210.00	0.00019	-20.00	-210.00	0.00020
-17.00	-210.00	0.00021	-15.00	-210.00	0.00021
-13.00	-210.00	0.00022	-11.00	-210.00	0.00022
-9.00	-210.00	0.00023	9.00	-210.00	0.00028
11.00	-210.00	0.00028	13.00	-210.00	0.00029
15.00	-210.00	0.00030	17.00	-210.00	0.00030
20.00	-210.00	0.00031	25.00	-210.00	0.00032
30.00	-210.00	0.00034	40.00	-210.00	0.00036
50.00	-210.00	0.00038	60.00	-210.00	0.00039
70.00	-210.00	0.00040	80.00	-210.00	0.00042
90.00	-210.00	0.00043	100.00	-210.00	0.00044
-100.00	-200.00	0.00011	-90.00	-200.00	0.00012
-80.00	-200.00	0.00012	-70.00	-200.00	0.00013
-60.00	-200.00	0.00015	-50.00	-200.00	0.00016
-40.00	-200.00	0.00017	-30.00	-200.00	0.00019
-25.00	-200.00	0.00021	-20.00	-200.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                                      INCLUDING SOURCE(S):                      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00023	-15.00	-200.00	0.00023
-13.00	-200.00	0.00024	-11.00	-200.00	0.00024
-9.00	-200.00	0.00025	9.00	-200.00	0.00031
11.00	-200.00	0.00031	13.00	-200.00	0.00032
15.00	-200.00	0.00033	17.00	-200.00	0.00033
20.00	-200.00	0.00034	25.00	-200.00	0.00036
30.00	-200.00	0.00037	40.00	-200.00	0.00040
50.00	-200.00	0.00042	60.00	-200.00	0.00043
70.00	-200.00	0.00045	80.00	-200.00	0.00046
90.00	-200.00	0.00047	100.00	-200.00	0.00049
-100.00	-190.00	0.00011	-90.00	-190.00	0.00012

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00013	-70.00	-190.00	0.00014
-60.00	-190.00	0.00016	-50.00	-190.00	0.00017
-40.00	-190.00	0.00019	-30.00	-190.00	0.00021
-25.00	-190.00	0.00022	-20.00	-190.00	0.00024
-17.00	-190.00	0.00025	-15.00	-190.00	0.00025
-13.00	-190.00	0.00026	-11.00	-190.00	0.00027
-9.00	-190.00	0.00027	9.00	-190.00	0.00034
11.00	-190.00	0.00035	13.00	-190.00	0.00035
15.00	-190.00	0.00036	17.00	-190.00	0.00037
20.00	-190.00	0.00038	25.00	-190.00	0.00040
30.00	-190.00	0.00042	40.00	-190.00	0.00044
50.00	-190.00	0.00046	60.00	-190.00	0.00048
70.00	-190.00	0.00050	80.00	-190.00	0.00051
90.00	-190.00	0.00053	100.00	-190.00	0.00054
-100.00	-180.00	0.00012	-90.00	-180.00	0.00013
-80.00	-180.00	0.00014	-70.00	-180.00	0.00015
-60.00	-180.00	0.00017	-50.00	-180.00	0.00018
-40.00	-180.00	0.00020	-30.00	-180.00	0.00023
-25.00	-180.00	0.00024	-20.00	-180.00	0.00026
-17.00	-180.00	0.00027	-15.00	-180.00	0.00028
-13.00	-180.00	0.00028	-11.00	-180.00	0.00029
-9.00	-180.00	0.00030	9.00	-180.00	0.00038
11.00	-180.00	0.00039	13.00	-180.00	0.00039
15.00	-180.00	0.00040	17.00	-180.00	0.00041
20.00	-180.00	0.00043	25.00	-180.00	0.00045
30.00	-180.00	0.00047	40.00	-180.00	0.00050
50.00	-180.00	0.00052	60.00	-180.00	0.00054
70.00	-180.00	0.00056	80.00	-180.00	0.00058
90.00	-180.00	0.00059	100.00	-180.00	0.00060

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00012	-90.00	-170.00	0.00014
-80.00	-170.00	0.00015	-70.00	-170.00	0.00016
-60.00	-170.00	0.00018	-50.00	-170.00	0.00020
-40.00	-170.00	0.00022	-30.00	-170.00	0.00025
-25.00	-170.00	0.00026	-20.00	-170.00	0.00028

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00029	-15.00	-170.00	0.00030
-13.00	-170.00	0.00031	-11.00	-170.00	0.00032
-9.00	-170.00	0.00033	9.00	-170.00	0.00042
11.00	-170.00	0.00043	13.00	-170.00	0.00044
15.00	-170.00	0.00045	17.00	-170.00	0.00046
20.00	-170.00	0.00048	25.00	-170.00	0.00050
30.00	-170.00	0.00053	40.00	-170.00	0.00056
50.00	-170.00	0.00059	60.00	-170.00	0.00061
70.00	-170.00	0.00063	80.00	-170.00	0.00065
90.00	-170.00	0.00067	100.00	-170.00	0.00068
-100.00	-160.00	0.00013	-90.00	-160.00	0.00014
-80.00	-160.00	0.00016	-70.00	-160.00	0.00018
-60.00	-160.00	0.00019	-50.00	-160.00	0.00021
-40.00	-160.00	0.00024	-30.00	-160.00	0.00027
-25.00	-160.00	0.00029	-20.00	-160.00	0.00031
-17.00	-160.00	0.00032	-15.00	-160.00	0.00033
-13.00	-160.00	0.00034	-11.00	-160.00	0.00035
-9.00	-160.00	0.00036	9.00	-160.00	0.00048
11.00	-160.00	0.00049	13.00	-160.00	0.00050
15.00	-160.00	0.00051	17.00	-160.00	0.00053
20.00	-160.00	0.00054	25.00	-160.00	0.00057
30.00	-160.00	0.00060	40.00	-160.00	0.00064
50.00	-160.00	0.00067	60.00	-160.00	0.00070
70.00	-160.00	0.00072	80.00	-160.00	0.00074
90.00	-160.00	0.00076	100.00	-160.00	0.00076
-100.00	-150.00	0.00013	-90.00	-150.00	0.00015
-80.00	-150.00	0.00017	-70.00	-150.00	0.00019
-60.00	-150.00	0.00021	-50.00	-150.00	0.00023
-40.00	-150.00	0.00026	-30.00	-150.00	0.00029
-25.00	-150.00	0.00031	-20.00	-150.00	0.00034
-17.00	-150.00	0.00036	-15.00	-150.00	0.00037
-13.00	-150.00	0.00038	-11.00	-150.00	0.00039
-9.00	-150.00	0.00041	9.00	-150.00	0.00054
11.00	-150.00	0.00056	13.00	-150.00	0.00057
15.00	-150.00	0.00059	17.00	-150.00	0.00060

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:17:45  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00062	25.00	-150.00	0.00066
30.00	-150.00	0.00068	40.00	-150.00	0.00073
50.00	-150.00	0.00077	60.00	-150.00	0.00080
70.00	-150.00	0.00083	80.00	-150.00	0.00085
90.00	-150.00	0.00086	100.00	-150.00	0.00085
-100.00	-140.00	0.00014	-90.00	-140.00	0.00015
-80.00	-140.00	0.00018	-70.00	-140.00	0.00020
-60.00	-140.00	0.00023	-50.00	-140.00	0.00025
-40.00	-140.00	0.00028	-30.00	-140.00	0.00032
-25.00	-140.00	0.00035	-20.00	-140.00	0.00038
-17.00	-140.00	0.00039	-15.00	-140.00	0.00041
-13.00	-140.00	0.00042	-11.00	-140.00	0.00044
-9.00	-140.00	0.00045	9.00	-140.00	0.00062
11.00	-140.00	0.00064	13.00	-140.00	0.00066
15.00	-140.00	0.00068	17.00	-140.00	0.00070
20.00	-140.00	0.00072	25.00	-140.00	0.00076
30.00	-140.00	0.00079	40.00	-140.00	0.00084
50.00	-140.00	0.00089	60.00	-140.00	0.00093
70.00	-140.00	0.00096	80.00	-140.00	0.00098
90.00	-140.00	0.00097	100.00	-140.00	0.00096
-100.00	-130.00	0.00014	-90.00	-130.00	0.00016
-80.00	-130.00	0.00018	-70.00	-130.00	0.00021
-60.00	-130.00	0.00024	-50.00	-130.00	0.00027
-40.00	-130.00	0.00031	-30.00	-130.00	0.00036
-25.00	-130.00	0.00038	-20.00	-130.00	0.00042
-17.00	-130.00	0.00044	-15.00	-130.00	0.00046
-13.00	-130.00	0.00047	-11.00	-130.00	0.00049
-9.00	-130.00	0.00051	9.00	-130.00	0.00072
11.00	-130.00	0.00074	13.00	-130.00	0.00077
15.00	-130.00	0.00079	17.00	-130.00	0.00081
20.00	-130.00	0.00084	25.00	-130.00	0.00089
30.00	-130.00	0.00093	40.00	-130.00	0.00099
50.00	-130.00	0.00105	60.00	-130.00	0.00109
70.00	-130.00	0.00112	80.00	-130.00	0.00112
90.00	-130.00	0.00111	100.00	-130.00	0.00108
-100.00	-120.00	0.00015	-90.00	-120.00	0.00017
-80.00	-120.00	0.00019	-70.00	-120.00	0.00022
-60.00	-120.00	0.00026	-50.00	-120.00	0.00030
-40.00	-120.00	0.00034	-30.00	-120.00	0.00039
-25.00	-120.00	0.00043	-20.00	-120.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00049	-15.00	-120.00	0.00051
-13.00	-120.00	0.00053	-11.00	-120.00	0.00056
-9.00	-120.00	0.00058	9.00	-120.00	0.00084
11.00	-120.00	0.00087	13.00	-120.00	0.00090
15.00	-120.00	0.00093	17.00	-120.00	0.00096
20.00	-120.00	0.00100	25.00	-120.00	0.00105
30.00	-120.00	0.00110	40.00	-120.00	0.00118
50.00	-120.00	0.00125	60.00	-120.00	0.00129
70.00	-120.00	0.00131	80.00	-120.00	0.00130
90.00	-120.00	0.00126	100.00	-120.00	0.00121
-100.00	-110.00	0.00016	-90.00	-110.00	0.00018
-80.00	-110.00	0.00020	-70.00	-110.00	0.00023
-60.00	-110.00	0.00027	-50.00	-110.00	0.00032
-40.00	-110.00	0.00037	-30.00	-110.00	0.00044
-25.00	-110.00	0.00047	-20.00	-110.00	0.00052
-17.00	-110.00	0.00055	-15.00	-110.00	0.00058
-13.00	-110.00	0.00060	-11.00	-110.00	0.00063
-9.00	-110.00	0.00066	9.00	-110.00	0.00100
11.00	-110.00	0.00104	13.00	-110.00	0.00108
15.00	-110.00	0.00111	17.00	-110.00	0.00115
20.00	-110.00	0.00119	25.00	-110.00	0.00126
30.00	-110.00	0.00132	40.00	-110.00	0.00143
50.00	-110.00	0.00150	60.00	-110.00	0.00154
70.00	-110.00	0.00154	80.00	-110.00	0.00150
90.00	-110.00	0.00143	100.00	-110.00	0.00134
-100.00	-100.00	0.00017	-90.00	-100.00	0.00019
-80.00	-100.00	0.00022	-70.00	-100.00	0.00025
-60.00	-100.00	0.00029	-50.00	-100.00	0.00034
-40.00	-100.00	0.00041	-30.00	-100.00	0.00049
-25.00	-100.00	0.00053	-20.00	-100.00	0.00058
-17.00	-100.00	0.00062	-15.00	-100.00	0.00065
-13.00	-100.00	0.00068	-11.00	-100.00	0.00072
-9.00	-100.00	0.00076	9.00	-100.00	0.00121
11.00	-100.00	0.00126	13.00	-100.00	0.00131
15.00	-100.00	0.00135	17.00	-100.00	0.00140
20.00	-100.00	0.00145	25.00	-100.00	0.00154
30.00	-100.00	0.00162	40.00	-100.00	0.00176

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00183	60.00	-100.00	0.00184
70.00	-100.00	0.00180	80.00	-100.00	0.00171
90.00	-100.00	0.00159	100.00	-100.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 69

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00018	-90.00	-90.00	0.00020
-80.00	-90.00	0.00023	-70.00	-90.00	0.00027
-60.00	-90.00	0.00031	-50.00	-90.00	0.00037
-40.00	-90.00	0.00044	-30.00	-90.00	0.00054
-25.00	-90.00	0.00059	-20.00	-90.00	0.00066
-17.00	-90.00	0.00070	-15.00	-90.00	0.00074
-13.00	-90.00	0.00078	-11.00	-90.00	0.00082
-9.00	-90.00	0.00087	9.00	-90.00	0.00148
11.00	-90.00	0.00155	13.00	-90.00	0.00162
15.00	-90.00	0.00168	17.00	-90.00	0.00173
20.00	-90.00	0.00181	25.00	-90.00	0.00194
30.00	-90.00	0.00205	40.00	-90.00	0.00220
50.00	-90.00	0.00225	60.00	-90.00	0.00220
70.00	-90.00	0.00208	80.00	-90.00	0.00192
90.00	-90.00	0.00174	100.00	-90.00	0.00157
-100.00	-80.00	0.00019	-90.00	-80.00	0.00021
-80.00	-80.00	0.00024	-70.00	-80.00	0.00028
-60.00	-80.00	0.00033	-50.00	-80.00	0.00040
-40.00	-80.00	0.00048	-30.00	-80.00	0.00059
-25.00	-80.00	0.00066	-20.00	-80.00	0.00074
-17.00	-80.00	0.00079	-15.00	-80.00	0.00083
-13.00	-80.00	0.00088	-11.00	-80.00	0.00094
-9.00	-80.00	0.00100	9.00	-80.00	0.00186
11.00	-80.00	0.00196	13.00	-80.00	0.00205
15.00	-80.00	0.00213	17.00	-80.00	0.00222
20.00	-80.00	0.00234	25.00	-80.00	0.00251
30.00	-80.00	0.00265	40.00	-80.00	0.00278
50.00	-80.00	0.00274	60.00	-80.00	0.00258
70.00	-80.00	0.00235	80.00	-80.00	0.00210
90.00	-80.00	0.00187	100.00	-80.00	0.00165
-100.00	-70.00	0.00021	-90.00	-70.00	0.00023

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00026	-70.00	-70.00	0.00031
-60.00	-70.00	0.00036	-50.00	-70.00	0.00043
-40.00	-70.00	0.00052	-30.00	-70.00	0.00063
-25.00	-70.00	0.00071	-20.00	-70.00	0.00081
-17.00	-70.00	0.00088	-15.00	-70.00	0.00094
-13.00	-70.00	0.00099	-11.00	-70.00	0.00106
-9.00	-70.00	0.00114	9.00	-70.00	0.00241
11.00	-70.00	0.00256	13.00	-70.00	0.00270
15.00	-70.00	0.00284	17.00	-70.00	0.00297

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00314	25.00	-70.00	0.00337
30.00	-70.00	0.00349	40.00	-70.00	0.00349
50.00	-70.00	0.00325	60.00	-70.00	0.00292
70.00	-70.00	0.00258	80.00	-70.00	0.00225
90.00	-70.00	0.00196	100.00	-70.00	0.00170
-100.00	-60.00	0.00023	-90.00	-60.00	0.00025
-80.00	-60.00	0.00029	-70.00	-60.00	0.00033
-60.00	-60.00	0.00039	-50.00	-60.00	0.00046
-40.00	-60.00	0.00056	-30.00	-60.00	0.00069
-25.00	-60.00	0.00077	-20.00	-60.00	0.00088
-17.00	-60.00	0.00096	-15.00	-60.00	0.00103
-13.00	-60.00	0.00110	-11.00	-60.00	0.00119
-9.00	-60.00	0.00129	9.00	-60.00	0.00334
11.00	-60.00	0.00360	13.00	-60.00	0.00383
15.00	-60.00	0.00404	17.00	-60.00	0.00421
20.00	-60.00	0.00440	25.00	-60.00	0.00455
30.00	-60.00	0.00452	40.00	-60.00	0.00417
50.00	-60.00	0.00369	60.00	-60.00	0.00320
70.00	-60.00	0.00274	80.00	-60.00	0.00234
90.00	-60.00	0.00200	100.00	-60.00	0.00171
-100.00	-50.00	0.00025	-90.00	-50.00	0.00028
-80.00	-50.00	0.00032	-70.00	-50.00	0.00037
-60.00	-50.00	0.00043	-50.00	-50.00	0.00051
-40.00	-50.00	0.00062	-30.00	-50.00	0.00076
-25.00	-50.00	0.00085	-20.00	-50.00	0.00096

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00105	-15.00	-50.00	0.00112
-13.00	-50.00	0.00120	-11.00	-50.00	0.00131
-9.00	-50.00	0.00144	9.00	-50.00	0.00534
11.00	-50.00	0.00560	13.00	-50.00	0.00576
15.00	-50.00	0.00585	17.00	-50.00	0.00588
20.00	-50.00	0.00586	25.00	-50.00	0.00567
30.00	-50.00	0.00538	40.00	-50.00	0.00468
50.00	-50.00	0.00398	60.00	-50.00	0.00335
70.00	-50.00	0.00282	80.00	-50.00	0.00236
90.00	-50.00	0.00199	100.00	-50.00	0.00168
-100.00	-40.00	0.00027	-90.00	-40.00	0.00030
-80.00	-40.00	0.00035	-70.00	-40.00	0.00041
-60.00	-40.00	0.00048	-50.00	-40.00	0.00057
-40.00	-40.00	0.00070	-30.00	-40.00	0.00087
-25.00	-40.00	0.00098	-20.00	-40.00	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00123	-15.00	-40.00	0.00132
-13.00	-40.00	0.00143	-11.00	-40.00	0.00157
-9.00	-40.00	0.00177	9.00	-40.00	0.00679
11.00	-40.00	0.00681	13.00	-40.00	0.00680
15.00	-40.00	0.00677	17.00	-40.00	0.00670
20.00	-40.00	0.00655	25.00	-40.00	0.00619
30.00	-40.00	0.00577	40.00	-40.00	0.00489
50.00	-40.00	0.00407	60.00	-40.00	0.00336
70.00	-40.00	0.00278	80.00	-40.00	0.00230
90.00	-40.00	0.00191	100.00	-40.00	0.00159
-100.00	-30.00	0.00029	-90.00	-30.00	0.00034
-80.00	-30.00	0.00039	-70.00	-30.00	0.00046
-60.00	-30.00	0.00055	-50.00	-30.00	0.00066
-40.00	-30.00	0.00082	-30.00	-30.00	0.00104
-25.00	-30.00	0.00118	-20.00	-30.00	0.00137
-17.00	-30.00	0.00152	-15.00	-30.00	0.00164
-13.00	-30.00	0.00179	-11.00	-30.00	0.00196
-9.00	-30.00	0.00218	9.00	-30.00	0.00684
11.00	-30.00	0.00685	13.00	-30.00	0.00684

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00681	17.00	-30.00	0.00674
20.00	-30.00	0.00658	25.00	-30.00	0.00621
30.00	-30.00	0.00577	40.00	-30.00	0.00484
50.00	-30.00	0.00398	60.00	-30.00	0.00324
70.00	-30.00	0.00264	80.00	-30.00	0.00215
90.00	-30.00	0.00177	100.00	-30.00	0.00146
-100.00	-20.00	0.00032	-90.00	-20.00	0.00037
-80.00	-20.00	0.00044	-70.00	-20.00	0.00052
-60.00	-20.00	0.00062	-50.00	-20.00	0.00076
-40.00	-20.00	0.00094	-30.00	-20.00	0.00120
-25.00	-20.00	0.00138	-20.00	-20.00	0.00160
-17.00	-20.00	0.00176	-15.00	-20.00	0.00188
-13.00	-20.00	0.00202	-11.00	-20.00	0.00217
-9.00	-20.00	0.00236	9.00	-20.00	0.00674
11.00	-20.00	0.00674	13.00	-20.00	0.00673
15.00	-20.00	0.00669	17.00	-20.00	0.00661
20.00	-20.00	0.00644	25.00	-20.00	0.00604
30.00	-20.00	0.00559	40.00	-20.00	0.00462
50.00	-20.00	0.00374	60.00	-20.00	0.00300
70.00	-20.00	0.00241	80.00	-20.00	0.00195
90.00	-20.00	0.00158	100.00	-20.00	0.00130

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00035	-90.00	-10.00	0.00041
-80.00	-10.00	0.00048	-70.00	-10.00	0.00057
-60.00	-10.00	0.00069	-50.00	-10.00	0.00084
-40.00	-10.00	0.00104	-30.00	-10.00	0.00133
-25.00	-10.00	0.00152	-20.00	-10.00	0.00173
-17.00	-10.00	0.00188	-15.00	-10.00	0.00198
-13.00	-10.00	0.00210	-11.00	-10.00	0.00223
-9.00	-10.00	0.00239	9.00	-10.00	0.00655
11.00	-10.00	0.00654	13.00	-10.00	0.00652
15.00	-10.00	0.00646	17.00	-10.00	0.00637
20.00	-10.00	0.00618	25.00	-10.00	0.00577
30.00	-10.00	0.00528	40.00	-10.00	0.00428
50.00	-10.00	0.00339	60.00	-10.00	0.00267

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00211	80.00	-10.00	0.00169
90.00	-10.00	0.00137	100.00	-10.00	0.00113
-100.00	0.00	0.00037	-90.00	0.00	0.00044
-80.00	0.00	0.00051	-70.00	0.00	0.00061
-60.00	0.00	0.00074	-50.00	0.00	0.00091
-40.00	0.00	0.00113	-30.00	0.00	0.00141
-25.00	0.00	0.00158	-20.00	0.00	0.00177
-17.00	0.00	0.00190	-15.00	0.00	0.00199
-13.00	0.00	0.00209	-11.00	0.00	0.00220
-9.00	0.00	0.00234	9.00	0.00	0.00627
11.00	0.00	0.00624	13.00	0.00	0.00619
15.00	0.00	0.00611	17.00	0.00	0.00601
20.00	0.00	0.00580	25.00	0.00	0.00535
30.00	0.00	0.00482	40.00	0.00	0.00379
50.00	0.00	0.00293	60.00	0.00	0.00226
70.00	0.00	0.00177	80.00	0.00	0.00141
90.00	0.00	0.00115	100.00	0.00	0.00095
-100.00	10.00	0.00039	-90.00	10.00	0.00046
-80.00	10.00	0.00054	-70.00	10.00	0.00065
-60.00	10.00	0.00079	-50.00	10.00	0.00097
-40.00	10.00	0.00118	-30.00	10.00	0.00144
-25.00	10.00	0.00159	-20.00	10.00	0.00175
-17.00	10.00	0.00186	-15.00	10.00	0.00194
-13.00	10.00	0.00202	-11.00	10.00	0.00212
-9.00	10.00	0.00223	9.00	10.00	0.00586
11.00	10.00	0.00580	13.00	10.00	0.00572
15.00	10.00	0.00562	17.00	10.00	0.00548

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 73

CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00523	25.00	10.00	0.00472
30.00	10.00	0.00417	40.00	10.00	0.00315
50.00	10.00	0.00236	60.00	10.00	0.00180
70.00	10.00	0.00141	80.00	10.00	0.00113
90.00	10.00	0.00093	100.00	10.00	0.00077
-100.00	20.00	0.00040	-90.00	20.00	0.00047
-80.00	20.00	0.00056	-70.00	20.00	0.00068

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00082	-50.00	20.00	0.00099
-40.00	20.00	0.00120	-30.00	20.00	0.00144
-25.00	20.00	0.00157	-20.00	20.00	0.00170
-17.00	20.00	0.00179	-15.00	20.00	0.00185
-13.00	20.00	0.00191	-11.00	20.00	0.00199
-9.00	20.00	0.00208	9.00	20.00	0.00526
11.00	20.00	0.00514	13.00	20.00	0.00501
15.00	20.00	0.00486	17.00	20.00	0.00467
20.00	20.00	0.00436	25.00	20.00	0.00379
30.00	20.00	0.00324	40.00	20.00	0.00235
50.00	20.00	0.00175	60.00	20.00	0.00135
70.00	20.00	0.00107	80.00	20.00	0.00087
90.00	20.00	0.00072	100.00	20.00	0.00061
-100.00	30.00	0.00041	-90.00	30.00	0.00048
-80.00	30.00	0.00057	-70.00	30.00	0.00069
-60.00	30.00	0.00082	-50.00	30.00	0.00099
-40.00	30.00	0.00118	-30.00	30.00	0.00140
-25.00	30.00	0.00152	-20.00	30.00	0.00163
-17.00	30.00	0.00170	-15.00	30.00	0.00175
-13.00	30.00	0.00179	-11.00	30.00	0.00184
-9.00	30.00	0.00191	9.00	30.00	0.00426
11.00	30.00	0.00403	13.00	30.00	0.00380
15.00	30.00	0.00357	17.00	30.00	0.00334
20.00	30.00	0.00300	25.00	30.00	0.00251
30.00	30.00	0.00211	40.00	30.00	0.00156
50.00	30.00	0.00120	60.00	30.00	0.00095
70.00	30.00	0.00077	80.00	30.00	0.00064
90.00	30.00	0.00054	100.00	30.00	0.00047
-100.00	40.00	0.00042	-90.00	40.00	0.00049
-80.00	40.00	0.00057	-70.00	40.00	0.00068
-60.00	40.00	0.00081	-50.00	40.00	0.00096
-40.00	40.00	0.00113	-30.00	40.00	0.00133
-25.00	40.00	0.00143	-20.00	40.00	0.00153

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00159	-15.00	40.00	0.00162



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00165	-11.00	40.00	0.00169
-9.00	40.00	0.00172	9.00	40.00	0.00217
11.00	40.00	0.00193	13.00	40.00	0.00177
15.00	40.00	0.00165	17.00	40.00	0.00156
20.00	40.00	0.00143	25.00	40.00	0.00126
30.00	40.00	0.00112	40.00	40.00	0.00090
50.00	40.00	0.00074	60.00	40.00	0.00062
70.00	40.00	0.00053	80.00	40.00	0.00046
90.00	40.00	0.00040	100.00	40.00	0.00035
-100.00	50.00	0.00042	-90.00	50.00	0.00048
-80.00	50.00	0.00056	-70.00	50.00	0.00066
-60.00	50.00	0.00077	-50.00	50.00	0.00090
-40.00	50.00	0.00105	-30.00	50.00	0.00120
-25.00	50.00	0.00127	-20.00	50.00	0.00134
-17.00	50.00	0.00136	-15.00	50.00	0.00137
-13.00	50.00	0.00137	-11.00	50.00	0.00136
-9.00	50.00	0.00133	9.00	50.00	0.00060
11.00	50.00	0.00060	13.00	50.00	0.00060
15.00	50.00	0.00060	17.00	50.00	0.00060
20.00	50.00	0.00059	25.00	50.00	0.00058
30.00	50.00	0.00056	40.00	50.00	0.00051
50.00	50.00	0.00046	60.00	50.00	0.00041
70.00	50.00	0.00037	80.00	50.00	0.00033
90.00	50.00	0.00029	100.00	50.00	0.00027
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00054	-70.00	60.00	0.00062
-60.00	60.00	0.00070	-50.00	60.00	0.00080
-40.00	60.00	0.00091	-30.00	60.00	0.00100
-25.00	60.00	0.00103	-20.00	60.00	0.00103
-17.00	60.00	0.00101	-15.00	60.00	0.00099
-13.00	60.00	0.00095	-11.00	60.00	0.00090
-9.00	60.00	0.00083	9.00	60.00	0.00040
11.00	60.00	0.00039	13.00	60.00	0.00039
15.00	60.00	0.00038	17.00	60.00	0.00038
20.00	60.00	0.00037	25.00	60.00	0.00036
30.00	60.00	0.00035	40.00	60.00	0.00033
50.00	60.00	0.00030	60.00	60.00	0.00028
70.00	60.00	0.00026	80.00	60.00	0.00024
90.00	60.00	0.00022	100.00	60.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00039	-90.00	70.00	0.00044	
-80.00	70.00	0.00049	-70.00	70.00	0.00056	
-60.00	70.00	0.00062	-50.00	70.00	0.00069	
-40.00	70.00	0.00076	-30.00	70.00	0.00079	
-25.00	70.00	0.00077	-20.00	70.00	0.00073	
-17.00	70.00	0.00070	-15.00	70.00	0.00067	
-13.00	70.00	0.00063	-11.00	70.00	0.00059	
-9.00	70.00	0.00055	9.00	70.00	0.00030	
11.00	70.00	0.00029	13.00	70.00	0.00029	
15.00	70.00	0.00028	17.00	70.00	0.00028	
20.00	70.00	0.00027	25.00	70.00	0.00027	
30.00	70.00	0.00026	40.00	70.00	0.00024	
50.00	70.00	0.00022	60.00	70.00	0.00021	
70.00	70.00	0.00020	80.00	70.00	0.00018	
90.00	70.00	0.00017	100.00	70.00	0.00016	
-100.00	80.00	0.00036	-90.00	80.00	0.00040	
-80.00	80.00	0.00045	-70.00	80.00	0.00050	
-60.00	80.00	0.00054	-50.00	80.00	0.00059	
-40.00	80.00	0.00061	-30.00	80.00	0.00059	
-25.00	80.00	0.00056	-20.00	80.00	0.00052	
-17.00	80.00	0.00049	-15.00	80.00	0.00047	
-13.00	80.00	0.00044	-11.00	80.00	0.00042	
-9.00	80.00	0.00039	9.00	80.00	0.00024	
11.00	80.00	0.00023	13.00	80.00	0.00022	
15.00	80.00	0.00022	17.00	80.00	0.00022	
20.00	80.00	0.00021	25.00	80.00	0.00021	
30.00	80.00	0.00020	40.00	80.00	0.00019	
50.00	80.00	0.00018	60.00	80.00	0.00017	
70.00	80.00	0.00016	80.00	80.00	0.00015	
90.00	80.00	0.00014	100.00	80.00	0.00013	
-100.00	90.00	0.00033	-90.00	90.00	0.00037	
-80.00	90.00	0.00040	-70.00	90.00	0.00044	
-60.00	90.00	0.00047	-50.00	90.00	0.00049	
-40.00	90.00	0.00048	-30.00	90.00	0.00045	
-25.00	90.00	0.00042	-20.00	90.00	0.00038	
-17.00	90.00	0.00036	-15.00	90.00	0.00034	
-13.00	90.00	0.00033	-11.00	90.00	0.00031	
-9.00	90.00	0.00030	9.00	90.00	0.00019	
11.00	90.00	0.00018	13.00	90.00	0.00018	

15.00 90.00 0.00018 17.00 90.00 0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00017	25.00	90.00	0.00017
30.00	90.00	0.00016	40.00	90.00	0.00015
50.00	90.00	0.00015	60.00	90.00	0.00014
70.00	90.00	0.00013	80.00	90.00	0.00012
90.00	90.00	0.00012	100.00	90.00	0.00011
-100.00	100.00	0.00031	-90.00	100.00	0.00033
-80.00	100.00	0.00036	-70.00	100.00	0.00038
-60.00	100.00	0.00039	-50.00	100.00	0.00039
-40.00	100.00	0.00038	-30.00	100.00	0.00034
-25.00	100.00	0.00032	-20.00	100.00	0.00029
-17.00	100.00	0.00027	-15.00	100.00	0.00026
-13.00	100.00	0.00025	-11.00	100.00	0.00024
-9.00	100.00	0.00023	9.00	100.00	0.00016
11.00	100.00	0.00015	13.00	100.00	0.00015
15.00	100.00	0.00015	17.00	100.00	0.00014
20.00	100.00	0.00014	25.00	100.00	0.00014
30.00	100.00	0.00013	40.00	100.00	0.00013
50.00	100.00	0.00012	60.00	100.00	0.00011
70.00	100.00	0.00011	80.00	100.00	0.00010
90.00	100.00	0.00010	100.00	100.00	0.00009
-100.00	110.00	0.00028	-90.00	110.00	0.00030
-80.00	110.00	0.00031	-70.00	110.00	0.00032
-60.00	110.00	0.00033	-50.00	110.00	0.00032
-40.00	110.00	0.00030	-30.00	110.00	0.00027
-25.00	110.00	0.00025	-20.00	110.00	0.00023
-17.00	110.00	0.00022	-15.00	110.00	0.00021
-13.00	110.00	0.00020	-11.00	110.00	0.00019
-9.00	110.00	0.00019	9.00	110.00	0.00013
11.00	110.00	0.00013	13.00	110.00	0.00013
15.00	110.00	0.00012	17.00	110.00	0.00012
20.00	110.00	0.00012	25.00	110.00	0.00012
30.00	110.00	0.00011	40.00	110.00	0.00011
50.00	110.00	0.00010	60.00	110.00	0.00010

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00009	80.00	110.00	0.00009
90.00	110.00	0.00009	100.00	110.00	0.00008
-100.00	120.00	0.00025	-90.00	120.00	0.00026
-80.00	120.00	0.00027	-70.00	120.00	0.00027
-60.00	120.00	0.00027	-50.00	120.00	0.00026
-40.00	120.00	0.00024	-30.00	120.00	0.00022
-25.00	120.00	0.00020	-20.00	120.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00018	-15.00	120.00	0.00017
-13.00	120.00	0.00016	-11.00	120.00	0.00016
-9.00	120.00	0.00016	9.00	120.00	0.00011
11.00	120.00	0.00011	13.00	120.00	0.00011
15.00	120.00	0.00010	17.00	120.00	0.00010
20.00	120.00	0.00010	25.00	120.00	0.00010
30.00	120.00	0.00010	40.00	120.00	0.00009
50.00	120.00	0.00009	60.00	120.00	0.00008
70.00	120.00	0.00008	80.00	120.00	0.00008
90.00	120.00	0.00007	100.00	120.00	0.00007
-100.00	130.00	0.00023	-90.00	130.00	0.00023
-80.00	130.00	0.00023	-70.00	130.00	0.00023
-60.00	130.00	0.00023	-50.00	130.00	0.00022
-40.00	130.00	0.00020	-30.00	130.00	0.00018
-25.00	130.00	0.00016	-20.00	130.00	0.00015
-17.00	130.00	0.00015	-15.00	130.00	0.00014
-13.00	130.00	0.00014	-11.00	130.00	0.00013
-9.00	130.00	0.00013	9.00	130.00	0.00010
11.00	130.00	0.00009	13.00	130.00	0.00009
15.00	130.00	0.00009	17.00	130.00	0.00009
20.00	130.00	0.00009	25.00	130.00	0.00009
30.00	130.00	0.00008	40.00	130.00	0.00008
50.00	130.00	0.00008	60.00	130.00	0.00007
70.00	130.00	0.00007	80.00	130.00	0.00007
90.00	130.00	0.00007	100.00	130.00	0.00006
-100.00	140.00	0.00020	-90.00	140.00	0.00020
-80.00	140.00	0.00020	-70.00	140.00	0.00020

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00019	-50.00	140.00	0.00018
-40.00	140.00	0.00017	-30.00	140.00	0.00015
-25.00	140.00	0.00014	-20.00	140.00	0.00013
-17.00	140.00	0.00012	-15.00	140.00	0.00012
-13.00	140.00	0.00012	-11.00	140.00	0.00011
-9.00	140.00	0.00011	9.00	140.00	0.00008
11.00	140.00	0.00008	13.00	140.00	0.00008
15.00	140.00	0.00008	17.00	140.00	0.00008
20.00	140.00	0.00008	25.00	140.00	0.00007
30.00	140.00	0.00007	40.00	140.00	0.00007
50.00	140.00	0.00007	60.00	140.00	0.00006
70.00	140.00	0.00006	80.00	140.00	0.00006
90.00	140.00	0.00006	100.00	140.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00018	-90.00	150.00	0.00018
-80.00	150.00	0.00017	-70.00	150.00	0.00017
-60.00	150.00	0.00016	-50.00	150.00	0.00015
-40.00	150.00	0.00014	-30.00	150.00	0.00012
-25.00	150.00	0.00012	-20.00	150.00	0.00011
-17.00	150.00	0.00011	-15.00	150.00	0.00010
-13.00	150.00	0.00010	-11.00	150.00	0.00010
-9.00	150.00	0.00010	9.00	150.00	0.00007
11.00	150.00	0.00007	13.00	150.00	0.00007
15.00	150.00	0.00007	17.00	150.00	0.00007
20.00	150.00	0.00007	25.00	150.00	0.00006
30.00	150.00	0.00006	40.00	150.00	0.00006
50.00	150.00	0.00006	60.00	150.00	0.00006
70.00	150.00	0.00005	80.00	150.00	0.00005
90.00	150.00	0.00005	100.00	150.00	0.00005
-100.00	160.00	0.00015	-90.00	160.00	0.00015
-80.00	160.00	0.00015	-70.00	160.00	0.00015
-60.00	160.00	0.00014	-50.00	160.00	0.00013
-40.00	160.00	0.00012	-30.00	160.00	0.00011
-25.00	160.00	0.00010	-20.00	160.00	0.00009
-17.00	160.00	0.00009	-15.00	160.00	0.00009

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00009	-11.00	160.00	0.00009
-9.00	160.00	0.00008	9.00	160.00	0.00007
11.00	160.00	0.00006	13.00	160.00	0.00006
15.00	160.00	0.00006	17.00	160.00	0.00006
20.00	160.00	0.00006	25.00	160.00	0.00006
30.00	160.00	0.00006	40.00	160.00	0.00006
50.00	160.00	0.00005	60.00	160.00	0.00005
70.00	160.00	0.00005	80.00	160.00	0.00005
90.00	160.00	0.00005	100.00	160.00	0.00004
-100.00	170.00	0.00014	-90.00	170.00	0.00014
-80.00	170.00	0.00013	-70.00	170.00	0.00013
-60.00	170.00	0.00012	-50.00	170.00	0.00011
-40.00	170.00	0.00010	-30.00	170.00	0.00009
-25.00	170.00	0.00009	-20.00	170.00	0.00008
-17.00	170.00	0.00008	-15.00	170.00	0.00008
-13.00	170.00	0.00008	-11.00	170.00	0.00008
-9.00	170.00	0.00007	9.00	170.00	0.00006
11.00	170.00	0.00006	13.00	170.00	0.00006
15.00	170.00	0.00006	17.00	170.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00005	25.00	170.00	0.00005
30.00	170.00	0.00005	40.00	170.00	0.00005
50.00	170.00	0.00005	60.00	170.00	0.00005
70.00	170.00	0.00004	80.00	170.00	0.00004
90.00	170.00	0.00004	100.00	170.00	0.00004
-100.00	180.00	0.00012	-90.00	180.00	0.00012
-80.00	180.00	0.00012	-70.00	180.00	0.00011
-60.00	180.00	0.00011	-50.00	180.00	0.00010
-40.00	180.00	0.00009	-30.00	180.00	0.00008
-25.00	180.00	0.00008	-20.00	180.00	0.00007
-17.00	180.00	0.00007	-15.00	180.00	0.00007
-13.00	180.00	0.00007	-11.00	180.00	0.00007
-9.00	180.00	0.00007	9.00	180.00	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00005

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00005	25.00	180.00	0.00005
30.00	180.00	0.00005	40.00	180.00	0.00004
50.00	180.00	0.00004	60.00	180.00	0.00004
70.00	180.00	0.00004	80.00	180.00	0.00004
90.00	180.00	0.00004	100.00	180.00	0.00004
-100.00	190.00	0.00011	-90.00	190.00	0.00011
-80.00	190.00	0.00010	-70.00	190.00	0.00010
-60.00	190.00	0.00009	-50.00	190.00	0.00009
-40.00	190.00	0.00008	-30.00	190.00	0.00007
-25.00	190.00	0.00007	-20.00	190.00	0.00007
-17.00	190.00	0.00006	-15.00	190.00	0.00006
-13.00	190.00	0.00006	-11.00	190.00	0.00006
-9.00	190.00	0.00006	9.00	190.00	0.00005
11.00	190.00	0.00005	13.00	190.00	0.00005
15.00	190.00	0.00005	17.00	190.00	0.00004
20.00	190.00	0.00004	25.00	190.00	0.00004
30.00	190.00	0.00004	40.00	190.00	0.00004
50.00	190.00	0.00004	60.00	190.00	0.00004
70.00	190.00	0.00004	80.00	190.00	0.00004
90.00	190.00	0.00003	100.00	190.00	0.00003
-100.00	200.00	0.00010	-90.00	200.00	0.00010
-80.00	200.00	0.00009	-70.00	200.00	0.00009
-60.00	200.00	0.00008	-50.00	200.00	0.00008
-40.00	200.00	0.00007	-30.00	200.00	0.00006
-25.00	200.00	0.00006	-20.00	200.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00006	-15.00	200.00	0.00006
-13.00	200.00	0.00006	-11.00	200.00	0.00005
-9.00	200.00	0.00005	9.00	200.00	0.00004
11.00	200.00	0.00004	13.00	200.00	0.00004
15.00	200.00	0.00004	17.00	200.00	0.00004
20.00	200.00	0.00004	25.00	200.00	0.00004
30.00	200.00	0.00004	40.00	200.00	0.00004
50.00	200.00	0.00004	60.00	200.00	0.00004
70.00	200.00	0.00003	80.00	200.00	0.00003

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00003	100.00	200.00	0.00003
-100.00	210.00	0.00009	-90.00	210.00	0.00009
-80.00	210.00	0.00008	-70.00	210.00	0.00008
-60.00	210.00	0.00007	-50.00	210.00	0.00007
-40.00	210.00	0.00006	-30.00	210.00	0.00006
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00005
-13.00	210.00	0.00005	-11.00	210.00	0.00005
-9.00	210.00	0.00005	9.00	210.00	0.00004
11.00	210.00	0.00004	13.00	210.00	0.00004
15.00	210.00	0.00004	17.00	210.00	0.00004
20.00	210.00	0.00004	25.00	210.00	0.00003
30.00	210.00	0.00003	40.00	210.00	0.00003
50.00	210.00	0.00003	60.00	210.00	0.00003
70.00	210.00	0.00003	80.00	210.00	0.00003
90.00	210.00	0.00003	100.00	210.00	0.00003
-100.00	220.00	0.00008	-90.00	220.00	0.00008
-80.00	220.00	0.00007	-70.00	220.00	0.00007
-60.00	220.00	0.00006	-50.00	220.00	0.00006
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00005	-20.00	220.00	0.00005
-17.00	220.00	0.00005	-15.00	220.00	0.00005
-13.00	220.00	0.00005	-11.00	220.00	0.00004
-9.00	220.00	0.00004	9.00	220.00	0.00004
11.00	220.00	0.00004	13.00	220.00	0.00004
15.00	220.00	0.00003	17.00	220.00	0.00003
20.00	220.00	0.00003	25.00	220.00	0.00003
30.00	220.00	0.00003	40.00	220.00	0.00003
50.00	220.00	0.00003	60.00	220.00	0.00003
70.00	220.00	0.00003	80.00	220.00	0.00003
90.00	220.00	0.00003	100.00	220.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00007	-90.00	230.00	0.00007
-80.00	230.00	0.00007	-70.00	230.00	0.00006
-60.00	230.00	0.00006	-50.00	230.00	0.00005



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00005	-30.00	230.00	0.00005
-25.00	230.00	0.00004	-20.00	230.00	0.00004
-17.00	230.00	0.00004	-15.00	230.00	0.00004
-13.00	230.00	0.00004	-11.00	230.00	0.00004
-9.00	230.00	0.00004	9.00	230.00	0.00003
11.00	230.00	0.00003	13.00	230.00	0.00003
15.00	230.00	0.00003	17.00	230.00	0.00003
20.00	230.00	0.00003	25.00	230.00	0.00003
30.00	230.00	0.00003	40.00	230.00	0.00003
50.00	230.00	0.00003	60.00	230.00	0.00003
70.00	230.00	0.00003	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00002
-100.00	240.00	0.00007	-90.00	240.00	0.00006
-80.00	240.00	0.00006	-70.00	240.00	0.00006
-60.00	240.00	0.00005	-50.00	240.00	0.00005
-40.00	240.00	0.00005	-30.00	240.00	0.00004
-25.00	240.00	0.00004	-20.00	240.00	0.00004
-17.00	240.00	0.00004	-15.00	240.00	0.00004
-13.00	240.00	0.00004	-11.00	240.00	0.00004
-9.00	240.00	0.00004	9.00	240.00	0.00003
11.00	240.00	0.00003	13.00	240.00	0.00003
15.00	240.00	0.00003	17.00	240.00	0.00003
20.00	240.00	0.00003	25.00	240.00	0.00003
30.00	240.00	0.00003	40.00	240.00	0.00003
50.00	240.00	0.00003	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00006	-90.00	250.00	0.00006
-80.00	250.00	0.00005	-70.00	250.00	0.00005
-60.00	250.00	0.00005	-50.00	250.00	0.00004
-40.00	250.00	0.00004	-30.00	250.00	0.00004
-25.00	250.00	0.00004	-20.00	250.00	0.00004
-17.00	250.00	0.00004	-15.00	250.00	0.00004
-13.00	250.00	0.00003	-11.00	250.00	0.00003
-9.00	250.00	0.00003	9.00	250.00	0.00003
11.00	250.00	0.00003	13.00	250.00	0.00003
15.00	250.00	0.00003	17.00	250.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00068	40.00	-240.00	0.00073
50.00	-240.00	0.00077	60.00	-240.00	0.00080
70.00	-240.00	0.00083	80.00	-240.00	0.00085
90.00	-240.00	0.00086	100.00	-240.00	0.00085
-100.00	-230.00	0.00014	-90.00	-230.00	0.00015
-80.00	-230.00	0.00018	-70.00	-230.00	0.00020
-60.00	-230.00	0.00023	-50.00	-230.00	0.00025
-40.00	-230.00	0.00028	-30.00	-230.00	0.00032
-25.00	-230.00	0.00035	-20.00	-230.00	0.00038
-17.00	-230.00	0.00039	-15.00	-230.00	0.00041
-13.00	-230.00	0.00042	-11.00	-230.00	0.00044
-9.00	-230.00	0.00045	9.00	-230.00	0.00062
11.00	-230.00	0.00064	13.00	-230.00	0.00066
15.00	-230.00	0.00068	17.00	-230.00	0.00070

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00072	25.00	-230.00	0.00076
30.00	-230.00	0.00079	40.00	-230.00	0.00084
50.00	-230.00	0.00089	60.00	-230.00	0.00093
70.00	-230.00	0.00096	80.00	-230.00	0.00098
90.00	-230.00	0.00097	100.00	-230.00	0.00096
-100.00	-220.00	0.00014	-90.00	-220.00	0.00016
-80.00	-220.00	0.00018	-70.00	-220.00	0.00021
-60.00	-220.00	0.00024	-50.00	-220.00	0.00027
-40.00	-220.00	0.00031	-30.00	-220.00	0.00036
-25.00	-220.00	0.00038	-20.00	-220.00	0.00042
-17.00	-220.00	0.00044	-15.00	-220.00	0.00046
-13.00	-220.00	0.00047	-11.00	-220.00	0.00049
-9.00	-220.00	0.00051	9.00	-220.00	0.00072
11.00	-220.00	0.00074	13.00	-220.00	0.00077
15.00	-220.00	0.00079	17.00	-220.00	0.00081
20.00	-220.00	0.00084	25.00	-220.00	0.00089
30.00	-220.00	0.00093	40.00	-220.00	0.00099
50.00	-220.00	0.00105	60.00	-220.00	0.00109
70.00	-220.00	0.00112	80.00	-220.00	0.00112
90.00	-220.00	0.00111	100.00	-220.00	0.00108

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00015	-90.00	-210.00	0.00017
-80.00	-210.00	0.00019	-70.00	-210.00	0.00022
-60.00	-210.00	0.00026	-50.00	-210.00	0.00030
-40.00	-210.00	0.00034	-30.00	-210.00	0.00039
-25.00	-210.00	0.00043	-20.00	-210.00	0.00046
-17.00	-210.00	0.00049	-15.00	-210.00	0.00051
-13.00	-210.00	0.00053	-11.00	-210.00	0.00056
-9.00	-210.00	0.00058	9.00	-210.00	0.00084
11.00	-210.00	0.00087	13.00	-210.00	0.00090
15.00	-210.00	0.00093	17.00	-210.00	0.00096
20.00	-210.00	0.00100	25.00	-210.00	0.00105
30.00	-210.00	0.00110	40.00	-210.00	0.00118
50.00	-210.00	0.00125	60.00	-210.00	0.00129
70.00	-210.00	0.00131	80.00	-210.00	0.00130
90.00	-210.00	0.00126	100.00	-210.00	0.00121
-100.00	-200.00	0.00016	-90.00	-200.00	0.00018
-80.00	-200.00	0.00020	-70.00	-200.00	0.00023
-60.00	-200.00	0.00027	-50.00	-200.00	0.00032
-40.00	-200.00	0.00037	-30.00	-200.00	0.00044
-25.00	-200.00	0.00047	-20.00	-200.00	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00055	-15.00	-200.00	0.00058
-13.00	-200.00	0.00060	-11.00	-200.00	0.00063
-9.00	-200.00	0.00066	9.00	-200.00	0.00100
11.00	-200.00	0.00104	13.00	-200.00	0.00108
15.00	-200.00	0.00111	17.00	-200.00	0.00115
20.00	-200.00	0.00119	25.00	-200.00	0.00126
30.00	-200.00	0.00132	40.00	-200.00	0.00143
50.00	-200.00	0.00150	60.00	-200.00	0.00154
70.00	-200.00	0.00154	80.00	-200.00	0.00150
90.00	-200.00	0.00143	100.00	-200.00	0.00134
-100.00	-190.00	0.00017	-90.00	-190.00	0.00019
-80.00	-190.00	0.00022	-70.00	-190.00	0.00025
-60.00	-190.00	0.00029	-50.00	-190.00	0.00034
-40.00	-190.00	0.00041	-30.00	-190.00	0.00049

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00053	-20.00	-190.00	0.00058
-17.00	-190.00	0.00062	-15.00	-190.00	0.00065
-13.00	-190.00	0.00068	-11.00	-190.00	0.00072
-9.00	-190.00	0.00076	9.00	-190.00	0.00121
11.00	-190.00	0.00126	13.00	-190.00	0.00131
15.00	-190.00	0.00135	17.00	-190.00	0.00140
20.00	-190.00	0.00145	25.00	-190.00	0.00154
30.00	-190.00	0.00162	40.00	-190.00	0.00176
50.00	-190.00	0.00183	60.00	-190.00	0.00184
70.00	-190.00	0.00180	80.00	-190.00	0.00171
90.00	-190.00	0.00159	100.00	-190.00	0.00146
-100.00	-180.00	0.00018	-90.00	-180.00	0.00020
-80.00	-180.00	0.00023	-70.00	-180.00	0.00027
-60.00	-180.00	0.00031	-50.00	-180.00	0.00037
-40.00	-180.00	0.00044	-30.00	-180.00	0.00054
-25.00	-180.00	0.00059	-20.00	-180.00	0.00066
-17.00	-180.00	0.00070	-15.00	-180.00	0.00074
-13.00	-180.00	0.00078	-11.00	-180.00	0.00082
-9.00	-180.00	0.00087	9.00	-180.00	0.00148
11.00	-180.00	0.00155	13.00	-180.00	0.00162
15.00	-180.00	0.00168	17.00	-180.00	0.00173
20.00	-180.00	0.00181	25.00	-180.00	0.00194
30.00	-180.00	0.00205	40.00	-180.00	0.00220
50.00	-180.00	0.00225	60.00	-180.00	0.00220
70.00	-180.00	0.00208	80.00	-180.00	0.00192
90.00	-180.00	0.00174	100.00	-180.00	0.00157

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 86

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):              NCRA\_S4 ,                      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00019	-90.00	-170.00	0.00021
-80.00	-170.00	0.00024	-70.00	-170.00	0.00028
-60.00	-170.00	0.00033	-50.00	-170.00	0.00040
-40.00	-170.00	0.00048	-30.00	-170.00	0.00059
-25.00	-170.00	0.00066	-20.00	-170.00	0.00074
-17.00	-170.00	0.00079	-15.00	-170.00	0.00083
-13.00	-170.00	0.00088	-11.00	-170.00	0.00094
-9.00	-170.00	0.00100	9.00	-170.00	0.00186

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00196	13.00	-170.00	0.00205
15.00	-170.00	0.00213	17.00	-170.00	0.00222
20.00	-170.00	0.00234	25.00	-170.00	0.00251
30.00	-170.00	0.00265	40.00	-170.00	0.00278
50.00	-170.00	0.00274	60.00	-170.00	0.00258
70.00	-170.00	0.00235	80.00	-170.00	0.00210
90.00	-170.00	0.00187	100.00	-170.00	0.00165
-100.00	-160.00	0.00021	-90.00	-160.00	0.00023
-80.00	-160.00	0.00026	-70.00	-160.00	0.00031
-60.00	-160.00	0.00036	-50.00	-160.00	0.00043
-40.00	-160.00	0.00052	-30.00	-160.00	0.00063
-25.00	-160.00	0.00071	-20.00	-160.00	0.00081
-17.00	-160.00	0.00088	-15.00	-160.00	0.00094
-13.00	-160.00	0.00099	-11.00	-160.00	0.00106
-9.00	-160.00	0.00114	9.00	-160.00	0.00241
11.00	-160.00	0.00256	13.00	-160.00	0.00270
15.00	-160.00	0.00284	17.00	-160.00	0.00297
20.00	-160.00	0.00314	25.00	-160.00	0.00337
30.00	-160.00	0.00349	40.00	-160.00	0.00349
50.00	-160.00	0.00325	60.00	-160.00	0.00292
70.00	-160.00	0.00258	80.00	-160.00	0.00225
90.00	-160.00	0.00196	100.00	-160.00	0.00170
-100.00	-150.00	0.00023	-90.00	-150.00	0.00025
-80.00	-150.00	0.00029	-70.00	-150.00	0.00033
-60.00	-150.00	0.00039	-50.00	-150.00	0.00046
-40.00	-150.00	0.00056	-30.00	-150.00	0.00069
-25.00	-150.00	0.00077	-20.00	-150.00	0.00088
-17.00	-150.00	0.00096	-15.00	-150.00	0.00103
-13.00	-150.00	0.00110	-11.00	-150.00	0.00119
-9.00	-150.00	0.00129	9.00	-150.00	0.00334
11.00	-150.00	0.00360	13.00	-150.00	0.00383
15.00	-150.00	0.00404	17.00	-150.00	0.00421

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00440	25.00	-150.00	0.00455
30.00	-150.00	0.00452	40.00	-150.00	0.00417

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00369	60.00	-150.00	0.00320
70.00	-150.00	0.00274	80.00	-150.00	0.00234
90.00	-150.00	0.00200	100.00	-150.00	0.00171
-100.00	-140.00	0.00025	-90.00	-140.00	0.00028
-80.00	-140.00	0.00032	-70.00	-140.00	0.00037
-60.00	-140.00	0.00043	-50.00	-140.00	0.00051
-40.00	-140.00	0.00062	-30.00	-140.00	0.00076
-25.00	-140.00	0.00085	-20.00	-140.00	0.00096
-17.00	-140.00	0.00105	-15.00	-140.00	0.00112
-13.00	-140.00	0.00120	-11.00	-140.00	0.00131
-9.00	-140.00	0.00144	9.00	-140.00	0.00534
11.00	-140.00	0.00560	13.00	-140.00	0.00576
15.00	-140.00	0.00585	17.00	-140.00	0.00588
20.00	-140.00	0.00586	25.00	-140.00	0.00567
30.00	-140.00	0.00538	40.00	-140.00	0.00468
50.00	-140.00	0.00398	60.00	-140.00	0.00335
70.00	-140.00	0.00282	80.00	-140.00	0.00236
90.00	-140.00	0.00199	100.00	-140.00	0.00168
-100.00	-130.00	0.00027	-90.00	-130.00	0.00030
-80.00	-130.00	0.00035	-70.00	-130.00	0.00041
-60.00	-130.00	0.00048	-50.00	-130.00	0.00057
-40.00	-130.00	0.00070	-30.00	-130.00	0.00087
-25.00	-130.00	0.00098	-20.00	-130.00	0.00112
-17.00	-130.00	0.00123	-15.00	-130.00	0.00132
-13.00	-130.00	0.00143	-11.00	-130.00	0.00157
-9.00	-130.00	0.00177	9.00	-130.00	0.00679
11.00	-130.00	0.00681	13.00	-130.00	0.00680
15.00	-130.00	0.00677	17.00	-130.00	0.00670
20.00	-130.00	0.00655	25.00	-130.00	0.00619
30.00	-130.00	0.00577	40.00	-130.00	0.00489
50.00	-130.00	0.00407	60.00	-130.00	0.00336
70.00	-130.00	0.00278	80.00	-130.00	0.00230
90.00	-130.00	0.00191	100.00	-130.00	0.00159
-100.00	-120.00	0.00029	-90.00	-120.00	0.00034
-80.00	-120.00	0.00039	-70.00	-120.00	0.00046
-60.00	-120.00	0.00055	-50.00	-120.00	0.00066
-40.00	-120.00	0.00082	-30.00	-120.00	0.00104
-25.00	-120.00	0.00118	-20.00	-120.00	0.00137

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

05NCRA PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00152	-15.00	-120.00	0.00164	
-13.00	-120.00	0.00179	-11.00	-120.00	0.00196	
-9.00	-120.00	0.00218	9.00	-120.00	0.00684	
11.00	-120.00	0.00685	13.00	-120.00	0.00684	
15.00	-120.00	0.00681	17.00	-120.00	0.00674	
20.00	-120.00	0.00658	25.00	-120.00	0.00621	
30.00	-120.00	0.00577	40.00	-120.00	0.00484	
50.00	-120.00	0.00398	60.00	-120.00	0.00324	
70.00	-120.00	0.00264	80.00	-120.00	0.00215	
90.00	-120.00	0.00177	100.00	-120.00	0.00146	
-100.00	-110.00	0.00032	-90.00	-110.00	0.00037	
-80.00	-110.00	0.00044	-70.00	-110.00	0.00052	
-60.00	-110.00	0.00062	-50.00	-110.00	0.00076	
-40.00	-110.00	0.00094	-30.00	-110.00	0.00120	
-25.00	-110.00	0.00138	-20.00	-110.00	0.00160	
-17.00	-110.00	0.00176	-15.00	-110.00	0.00188	
-13.00	-110.00	0.00202	-11.00	-110.00	0.00217	
-9.00	-110.00	0.00236	9.00	-110.00	0.00674	
11.00	-110.00	0.00674	13.00	-110.00	0.00673	
15.00	-110.00	0.00669	17.00	-110.00	0.00661	
20.00	-110.00	0.00644	25.00	-110.00	0.00604	
30.00	-110.00	0.00559	40.00	-110.00	0.00462	
50.00	-110.00	0.00374	60.00	-110.00	0.00300	
70.00	-110.00	0.00241	80.00	-110.00	0.00195	
90.00	-110.00	0.00158	100.00	-110.00	0.00130	
-100.00	-100.00	0.00035	-90.00	-100.00	0.00041	
-80.00	-100.00	0.00048	-70.00	-100.00	0.00057	
-60.00	-100.00	0.00069	-50.00	-100.00	0.00084	
-40.00	-100.00	0.00104	-30.00	-100.00	0.00133	
-25.00	-100.00	0.00152	-20.00	-100.00	0.00173	
-17.00	-100.00	0.00188	-15.00	-100.00	0.00198	
-13.00	-100.00	0.00210	-11.00	-100.00	0.00223	
-9.00	-100.00	0.00239	9.00	-100.00	0.00655	
11.00	-100.00	0.00654	13.00	-100.00	0.00652	
15.00	-100.00	0.00646	17.00	-100.00	0.00637	
20.00	-100.00	0.00618	25.00	-100.00	0.00577	
30.00	-100.00	0.00528	40.00	-100.00	0.00428	
50.00	-100.00	0.00339	60.00	-100.00	0.00267	
70.00	-100.00	0.00211	80.00	-100.00	0.00169	
90.00	-100.00	0.00137	100.00	-100.00	0.00113	



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00037	-90.00	-90.00	0.00044
-80.00	-90.00	0.00051	-70.00	-90.00	0.00061
-60.00	-90.00	0.00074	-50.00	-90.00	0.00091
-40.00	-90.00	0.00113	-30.00	-90.00	0.00141
-25.00	-90.00	0.00158	-20.00	-90.00	0.00177
-17.00	-90.00	0.00190	-15.00	-90.00	0.00199
-13.00	-90.00	0.00209	-11.00	-90.00	0.00220
-9.00	-90.00	0.00234	9.00	-90.00	0.00627
11.00	-90.00	0.00624	13.00	-90.00	0.00619
15.00	-90.00	0.00611	17.00	-90.00	0.00601
20.00	-90.00	0.00580	25.00	-90.00	0.00535
30.00	-90.00	0.00482	40.00	-90.00	0.00379
50.00	-90.00	0.00293	60.00	-90.00	0.00226
70.00	-90.00	0.00177	80.00	-90.00	0.00141
90.00	-90.00	0.00115	100.00	-90.00	0.00095
-100.00	-80.00	0.00039	-90.00	-80.00	0.00046
-80.00	-80.00	0.00054	-70.00	-80.00	0.00065
-60.00	-80.00	0.00079	-50.00	-80.00	0.00097
-40.00	-80.00	0.00118	-30.00	-80.00	0.00144
-25.00	-80.00	0.00159	-20.00	-80.00	0.00175
-17.00	-80.00	0.00186	-15.00	-80.00	0.00194
-13.00	-80.00	0.00202	-11.00	-80.00	0.00212
-9.00	-80.00	0.00223	9.00	-80.00	0.00586
11.00	-80.00	0.00580	13.00	-80.00	0.00572
15.00	-80.00	0.00562	17.00	-80.00	0.00548
20.00	-80.00	0.00523	25.00	-80.00	0.00472
30.00	-80.00	0.00417	40.00	-80.00	0.00315
50.00	-80.00	0.00236	60.00	-80.00	0.00180
70.00	-80.00	0.00141	80.00	-80.00	0.00113
90.00	-80.00	0.00093	100.00	-80.00	0.00077
-100.00	-70.00	0.00040	-90.00	-70.00	0.00047
-80.00	-70.00	0.00056	-70.00	-70.00	0.00068
-60.00	-70.00	0.00082	-50.00	-70.00	0.00099
-40.00	-70.00	0.00120	-30.00	-70.00	0.00144

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00157	-20.00	-70.00	0.00170
-17.00	-70.00	0.00179	-15.00	-70.00	0.00185
-13.00	-70.00	0.00191	-11.00	-70.00	0.00199
-9.00	-70.00	0.00208	9.00	-70.00	0.00526
11.00	-70.00	0.00514	13.00	-70.00	0.00501
15.00	-70.00	0.00486	17.00	-70.00	0.00467

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00436	25.00	-70.00	0.00379
30.00	-70.00	0.00324	40.00	-70.00	0.00235
50.00	-70.00	0.00175	60.00	-70.00	0.00135
70.00	-70.00	0.00107	80.00	-70.00	0.00087
90.00	-70.00	0.00072	100.00	-70.00	0.00061
-100.00	-60.00	0.00041	-90.00	-60.00	0.00048
-80.00	-60.00	0.00057	-70.00	-60.00	0.00069
-60.00	-60.00	0.00082	-50.00	-60.00	0.00099
-40.00	-60.00	0.00118	-30.00	-60.00	0.00140
-25.00	-60.00	0.00152	-20.00	-60.00	0.00163
-17.00	-60.00	0.00170	-15.00	-60.00	0.00175
-13.00	-60.00	0.00179	-11.00	-60.00	0.00184
-9.00	-60.00	0.00191	9.00	-60.00	0.00426
11.00	-60.00	0.00403	13.00	-60.00	0.00380
15.00	-60.00	0.00357	17.00	-60.00	0.00334
20.00	-60.00	0.00300	25.00	-60.00	0.00251
30.00	-60.00	0.00211	40.00	-60.00	0.00156
50.00	-60.00	0.00120	60.00	-60.00	0.00095
70.00	-60.00	0.00077	80.00	-60.00	0.00064
90.00	-60.00	0.00054	100.00	-60.00	0.00047
-100.00	-50.00	0.00042	-90.00	-50.00	0.00049
-80.00	-50.00	0.00057	-70.00	-50.00	0.00068
-60.00	-50.00	0.00081	-50.00	-50.00	0.00096
-40.00	-50.00	0.00113	-30.00	-50.00	0.00133
-25.00	-50.00	0.00143	-20.00	-50.00	0.00153
-17.00	-50.00	0.00159	-15.00	-50.00	0.00162
-13.00	-50.00	0.00165	-11.00	-50.00	0.00169
-9.00	-50.00	0.00172	9.00	-50.00	0.00217

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00193	13.00	-50.00	0.00177
15.00	-50.00	0.00165	17.00	-50.00	0.00156
20.00	-50.00	0.00143	25.00	-50.00	0.00126
30.00	-50.00	0.00112	40.00	-50.00	0.00090
50.00	-50.00	0.00074	60.00	-50.00	0.00062
70.00	-50.00	0.00053	80.00	-50.00	0.00046
90.00	-50.00	0.00040	100.00	-50.00	0.00035
-100.00	-40.00	0.00042	-90.00	-40.00	0.00048
-80.00	-40.00	0.00056	-70.00	-40.00	0.00066
-60.00	-40.00	0.00077	-50.00	-40.00	0.00090
-40.00	-40.00	0.00105	-30.00	-40.00	0.00120
-25.00	-40.00	0.00127	-20.00	-40.00	0.00134

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 91  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00136	-15.00	-40.00	0.00137
-13.00	-40.00	0.00137	-11.00	-40.00	0.00136
-9.00	-40.00	0.00133	9.00	-40.00	0.00060
11.00	-40.00	0.00060	13.00	-40.00	0.00060
15.00	-40.00	0.00060	17.00	-40.00	0.00060
20.00	-40.00	0.00059	25.00	-40.00	0.00058
30.00	-40.00	0.00056	40.00	-40.00	0.00051
50.00	-40.00	0.00046	60.00	-40.00	0.00041
70.00	-40.00	0.00037	80.00	-40.00	0.00033
90.00	-40.00	0.00029	100.00	-40.00	0.00027
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00054	-70.00	-30.00	0.00062
-60.00	-30.00	0.00070	-50.00	-30.00	0.00080
-40.00	-30.00	0.00091	-30.00	-30.00	0.00100
-25.00	-30.00	0.00103	-20.00	-30.00	0.00103
-17.00	-30.00	0.00101	-15.00	-30.00	0.00099
-13.00	-30.00	0.00095	-11.00	-30.00	0.00090
-9.00	-30.00	0.00083	9.00	-30.00	0.00040
11.00	-30.00	0.00039	13.00	-30.00	0.00039
15.00	-30.00	0.00038	17.00	-30.00	0.00038
20.00	-30.00	0.00037	25.00	-30.00	0.00036
30.00	-30.00	0.00035	40.00	-30.00	0.00033

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00030	60.00	-30.00	0.00028
70.00	-30.00	0.00026	80.00	-30.00	0.00024
90.00	-30.00	0.00022	100.00	-30.00	0.00020
-100.00	-20.00	0.00039	-90.00	-20.00	0.00044
-80.00	-20.00	0.00049	-70.00	-20.00	0.00056
-60.00	-20.00	0.00062	-50.00	-20.00	0.00069
-40.00	-20.00	0.00076	-30.00	-20.00	0.00079
-25.00	-20.00	0.00077	-20.00	-20.00	0.00073
-17.00	-20.00	0.00070	-15.00	-20.00	0.00067
-13.00	-20.00	0.00063	-11.00	-20.00	0.00059
-9.00	-20.00	0.00055	9.00	-20.00	0.00030
11.00	-20.00	0.00029	13.00	-20.00	0.00029
15.00	-20.00	0.00028	17.00	-20.00	0.00028
20.00	-20.00	0.00027	25.00	-20.00	0.00027
30.00	-20.00	0.00026	40.00	-20.00	0.00024
50.00	-20.00	0.00022	60.00	-20.00	0.00021
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00017	100.00	-20.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 92

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00036	-90.00	-10.00	0.00040
-80.00	-10.00	0.00045	-70.00	-10.00	0.00050
-60.00	-10.00	0.00054	-50.00	-10.00	0.00059
-40.00	-10.00	0.00061	-30.00	-10.00	0.00059
-25.00	-10.00	0.00056	-20.00	-10.00	0.00052
-17.00	-10.00	0.00049	-15.00	-10.00	0.00047
-13.00	-10.00	0.00044	-11.00	-10.00	0.00042
-9.00	-10.00	0.00039	9.00	-10.00	0.00024
11.00	-10.00	0.00023	13.00	-10.00	0.00022
15.00	-10.00	0.00022	17.00	-10.00	0.00022
20.00	-10.00	0.00021	25.00	-10.00	0.00021
30.00	-10.00	0.00020	40.00	-10.00	0.00019
50.00	-10.00	0.00018	60.00	-10.00	0.00017
70.00	-10.00	0.00016	80.00	-10.00	0.00015
90.00	-10.00	0.00014	100.00	-10.00	0.00013
-100.00	0.00	0.00033	-90.00	0.00	0.00037

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00040	-70.00	0.00	0.00044
-60.00	0.00	0.00047	-50.00	0.00	0.00049
-40.00	0.00	0.00048	-30.00	0.00	0.00045
-25.00	0.00	0.00042	-20.00	0.00	0.00038
-17.00	0.00	0.00036	-15.00	0.00	0.00034
-13.00	0.00	0.00033	-11.00	0.00	0.00031
-9.00	0.00	0.00030	9.00	0.00	0.00019
11.00	0.00	0.00018	13.00	0.00	0.00018
15.00	0.00	0.00018	17.00	0.00	0.00018
20.00	0.00	0.00017	25.00	0.00	0.00017
30.00	0.00	0.00016	40.00	0.00	0.00015
50.00	0.00	0.00015	60.00	0.00	0.00014
70.00	0.00	0.00013	80.00	0.00	0.00012
90.00	0.00	0.00012	100.00	0.00	0.00011
-100.00	10.00	0.00031	-90.00	10.00	0.00033
-80.00	10.00	0.00036	-70.00	10.00	0.00038
-60.00	10.00	0.00039	-50.00	10.00	0.00039
-40.00	10.00	0.00038	-30.00	10.00	0.00034
-25.00	10.00	0.00032	-20.00	10.00	0.00029
-17.00	10.00	0.00027	-15.00	10.00	0.00026
-13.00	10.00	0.00025	-11.00	10.00	0.00024
-9.00	10.00	0.00023	9.00	10.00	0.00016
11.00	10.00	0.00015	13.00	10.00	0.00015
15.00	10.00	0.00015	17.00	10.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00014	25.00	10.00	0.00014
30.00	10.00	0.00013	40.00	10.00	0.00013
50.00	10.00	0.00012	60.00	10.00	0.00011
70.00	10.00	0.00011	80.00	10.00	0.00010
90.00	10.00	0.00010	100.00	10.00	0.00009
-100.00	20.00	0.00028	-90.00	20.00	0.00030
-80.00	20.00	0.00031	-70.00	20.00	0.00032
-60.00	20.00	0.00033	-50.00	20.00	0.00032
-40.00	20.00	0.00030	-30.00	20.00	0.00027
-25.00	20.00	0.00025	-20.00	20.00	0.00023

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00022	-15.00	20.00	0.00021
-13.00	20.00	0.00020	-11.00	20.00	0.00019
-9.00	20.00	0.00019	9.00	20.00	0.00013
11.00	20.00	0.00013	13.00	20.00	0.00013
15.00	20.00	0.00012	17.00	20.00	0.00012
20.00	20.00	0.00012	25.00	20.00	0.00012
30.00	20.00	0.00011	40.00	20.00	0.00011
50.00	20.00	0.00010	60.00	20.00	0.00010
70.00	20.00	0.00009	80.00	20.00	0.00009
90.00	20.00	0.00009	100.00	20.00	0.00008
-100.00	30.00	0.00025	-90.00	30.00	0.00026
-80.00	30.00	0.00027	-70.00	30.00	0.00027
-60.00	30.00	0.00027	-50.00	30.00	0.00026
-40.00	30.00	0.00024	-30.00	30.00	0.00022
-25.00	30.00	0.00020	-20.00	30.00	0.00018
-17.00	30.00	0.00018	-15.00	30.00	0.00017
-13.00	30.00	0.00016	-11.00	30.00	0.00016
-9.00	30.00	0.00016	9.00	30.00	0.00011
11.00	30.00	0.00011	13.00	30.00	0.00011
15.00	30.00	0.00010	17.00	30.00	0.00010
20.00	30.00	0.00010	25.00	30.00	0.00010
30.00	30.00	0.00010	40.00	30.00	0.00009
50.00	30.00	0.00009	60.00	30.00	0.00008
70.00	30.00	0.00008	80.00	30.00	0.00008
90.00	30.00	0.00007	100.00	30.00	0.00007
-100.00	40.00	0.00023	-90.00	40.00	0.00023
-80.00	40.00	0.00023	-70.00	40.00	0.00023
-60.00	40.00	0.00023	-50.00	40.00	0.00022
-40.00	40.00	0.00020	-30.00	40.00	0.00018
-25.00	40.00	0.00016	-20.00	40.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00015	-15.00	40.00	0.00014
-13.00	40.00	0.00014	-11.00	40.00	0.00013
-9.00	40.00	0.00013	9.00	40.00	0.00010
11.00	40.00	0.00009	13.00	40.00	0.00009

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00009	17.00	40.00	0.00009
20.00	40.00	0.00009	25.00	40.00	0.00009
30.00	40.00	0.00008	40.00	40.00	0.00008
50.00	40.00	0.00008	60.00	40.00	0.00007
70.00	40.00	0.00007	80.00	40.00	0.00007
90.00	40.00	0.00007	100.00	40.00	0.00006
-100.00	50.00	0.00020	-90.00	50.00	0.00020
-80.00	50.00	0.00020	-70.00	50.00	0.00020
-60.00	50.00	0.00019	-50.00	50.00	0.00018
-40.00	50.00	0.00017	-30.00	50.00	0.00015
-25.00	50.00	0.00014	-20.00	50.00	0.00013
-17.00	50.00	0.00012	-15.00	50.00	0.00012
-13.00	50.00	0.00012	-11.00	50.00	0.00011
-9.00	50.00	0.00011	9.00	50.00	0.00008
11.00	50.00	0.00008	13.00	50.00	0.00008
15.00	50.00	0.00008	17.00	50.00	0.00008
20.00	50.00	0.00008	25.00	50.00	0.00007
30.00	50.00	0.00007	40.00	50.00	0.00007
50.00	50.00	0.00007	60.00	50.00	0.00006
70.00	50.00	0.00006	80.00	50.00	0.00006
90.00	50.00	0.00006	100.00	50.00	0.00006
-100.00	60.00	0.00018	-90.00	60.00	0.00018
-80.00	60.00	0.00017	-70.00	60.00	0.00017
-60.00	60.00	0.00016	-50.00	60.00	0.00015
-40.00	60.00	0.00014	-30.00	60.00	0.00012
-25.00	60.00	0.00012	-20.00	60.00	0.00011
-17.00	60.00	0.00011	-15.00	60.00	0.00010
-13.00	60.00	0.00010	-11.00	60.00	0.00010
-9.00	60.00	0.00010	9.00	60.00	0.00007
11.00	60.00	0.00007	13.00	60.00	0.00007
15.00	60.00	0.00007	17.00	60.00	0.00007
20.00	60.00	0.00007	25.00	60.00	0.00006
30.00	60.00	0.00006	40.00	60.00	0.00006
50.00	60.00	0.00006	60.00	60.00	0.00006
70.00	60.00	0.00005	80.00	60.00	0.00005
90.00	60.00	0.00005	100.00	60.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

05NCRA PL97-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00015	-90.00	70.00	0.00015
-80.00	70.00	0.00015	-70.00	70.00	0.00015
-60.00	70.00	0.00014	-50.00	70.00	0.00013
-40.00	70.00	0.00012	-30.00	70.00	0.00011
-25.00	70.00	0.00010	-20.00	70.00	0.00009
-17.00	70.00	0.00009	-15.00	70.00	0.00009
-13.00	70.00	0.00009	-11.00	70.00	0.00009
-9.00	70.00	0.00008	9.00	70.00	0.00007
11.00	70.00	0.00006	13.00	70.00	0.00006
15.00	70.00	0.00006	17.00	70.00	0.00006
20.00	70.00	0.00006	25.00	70.00	0.00006
30.00	70.00	0.00006	40.00	70.00	0.00006
50.00	70.00	0.00005	60.00	70.00	0.00005
70.00	70.00	0.00005	80.00	70.00	0.00005
90.00	70.00	0.00005	100.00	70.00	0.00004
-100.00	80.00	0.00014	-90.00	80.00	0.00014
-80.00	80.00	0.00013	-70.00	80.00	0.00013
-60.00	80.00	0.00012	-50.00	80.00	0.00011
-40.00	80.00	0.00010	-30.00	80.00	0.00009
-25.00	80.00	0.00009	-20.00	80.00	0.00008
-17.00	80.00	0.00008	-15.00	80.00	0.00008
-13.00	80.00	0.00008	-11.00	80.00	0.00008
-9.00	80.00	0.00007	9.00	80.00	0.00006
11.00	80.00	0.00006	13.00	80.00	0.00006
15.00	80.00	0.00006	17.00	80.00	0.00005
20.00	80.00	0.00005	25.00	80.00	0.00005
30.00	80.00	0.00005	40.00	80.00	0.00005
50.00	80.00	0.00005	60.00	80.00	0.00005
70.00	80.00	0.00004	80.00	80.00	0.00004
90.00	80.00	0.00004	100.00	80.00	0.00004
-100.00	90.00	0.00012	-90.00	90.00	0.00012
-80.00	90.00	0.00012	-70.00	90.00	0.00011
-60.00	90.00	0.00011	-50.00	90.00	0.00010
-40.00	90.00	0.00009	-30.00	90.00	0.00008
-25.00	90.00	0.00008	-20.00	90.00	0.00007
-17.00	90.00	0.00007	-15.00	90.00	0.00007
-13.00	90.00	0.00007	-11.00	90.00	0.00007
-9.00	90.00	0.00007	9.00	90.00	0.00005
11.00	90.00	0.00005	13.00	90.00	0.00005
15.00	90.00	0.00005	17.00	90.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*



10:17:45

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00005	25.00	90.00	0.00005
30.00	90.00	0.00005	40.00	90.00	0.00004
50.00	90.00	0.00004	60.00	90.00	0.00004
70.00	90.00	0.00004	80.00	90.00	0.00004
90.00	90.00	0.00004	100.00	90.00	0.00004
-100.00	100.00	0.00011	-90.00	100.00	0.00011
-80.00	100.00	0.00010	-70.00	100.00	0.00010
-60.00	100.00	0.00009	-50.00	100.00	0.00009
-40.00	100.00	0.00008	-30.00	100.00	0.00007
-25.00	100.00	0.00007	-20.00	100.00	0.00007
-17.00	100.00	0.00006	-15.00	100.00	0.00006
-13.00	100.00	0.00006	-11.00	100.00	0.00006
-9.00	100.00	0.00006	9.00	100.00	0.00005
11.00	100.00	0.00005	13.00	100.00	0.00005
15.00	100.00	0.00005	17.00	100.00	0.00004
20.00	100.00	0.00004	25.00	100.00	0.00004
30.00	100.00	0.00004	40.00	100.00	0.00004
50.00	100.00	0.00004	60.00	100.00	0.00004
70.00	100.00	0.00004	80.00	100.00	0.00004
90.00	100.00	0.00003	100.00	100.00	0.00003
-100.00	110.00	0.00010	-90.00	110.00	0.00010
-80.00	110.00	0.00009	-70.00	110.00	0.00009
-60.00	110.00	0.00008	-50.00	110.00	0.00008
-40.00	110.00	0.00007	-30.00	110.00	0.00006
-25.00	110.00	0.00006	-20.00	110.00	0.00006
-17.00	110.00	0.00006	-15.00	110.00	0.00006
-13.00	110.00	0.00006	-11.00	110.00	0.00005
-9.00	110.00	0.00005	9.00	110.00	0.00004
11.00	110.00	0.00004	13.00	110.00	0.00004
15.00	110.00	0.00004	17.00	110.00	0.00004
20.00	110.00	0.00004	25.00	110.00	0.00004
30.00	110.00	0.00004	40.00	110.00	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00003	80.00	110.00	0.00003
90.00	110.00	0.00003	100.00	110.00	0.00003
-100.00	120.00	0.00009	-90.00	120.00	0.00009

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00008	-70.00	120.00	0.00008
-60.00	120.00	0.00007	-50.00	120.00	0.00007
-40.00	120.00	0.00006	-30.00	120.00	0.00006
-25.00	120.00	0.00005	-20.00	120.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00005	-15.00	120.00	0.00005
-13.00	120.00	0.00005	-11.00	120.00	0.00005
-9.00	120.00	0.00005	9.00	120.00	0.00004
11.00	120.00	0.00004	13.00	120.00	0.00004
15.00	120.00	0.00004	17.00	120.00	0.00004
20.00	120.00	0.00004	25.00	120.00	0.00003
30.00	120.00	0.00003	40.00	120.00	0.00003
50.00	120.00	0.00003	60.00	120.00	0.00003
70.00	120.00	0.00003	80.00	120.00	0.00003
90.00	120.00	0.00003	100.00	120.00	0.00003
-100.00	130.00	0.00008	-90.00	130.00	0.00008
-80.00	130.00	0.00007	-70.00	130.00	0.00007
-60.00	130.00	0.00006	-50.00	130.00	0.00006
-40.00	130.00	0.00005	-30.00	130.00	0.00005
-25.00	130.00	0.00005	-20.00	130.00	0.00005
-17.00	130.00	0.00005	-15.00	130.00	0.00005
-13.00	130.00	0.00005	-11.00	130.00	0.00004
-9.00	130.00	0.00004	9.00	130.00	0.00004
11.00	130.00	0.00004	13.00	130.00	0.00004
15.00	130.00	0.00003	17.00	130.00	0.00003
20.00	130.00	0.00003	25.00	130.00	0.00003
30.00	130.00	0.00003	40.00	130.00	0.00003
50.00	130.00	0.00003	60.00	130.00	0.00003
70.00	130.00	0.00003	80.00	130.00	0.00003
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00007	-90.00	140.00	0.00007
-80.00	140.00	0.00007	-70.00	140.00	0.00006
-60.00	140.00	0.00006	-50.00	140.00	0.00005
-40.00	140.00	0.00005	-30.00	140.00	0.00005
-25.00	140.00	0.00004	-20.00	140.00	0.00004

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00004	-15.00	140.00	0.00004
-13.00	140.00	0.00004	-11.00	140.00	0.00004
-9.00	140.00	0.00004	9.00	140.00	0.00003
11.00	140.00	0.00003	13.00	140.00	0.00003
15.00	140.00	0.00003	17.00	140.00	0.00003
20.00	140.00	0.00003	25.00	140.00	0.00003
30.00	140.00	0.00003	40.00	140.00	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00007	-90.00	150.00	0.00006
-80.00	150.00	0.00006	-70.00	150.00	0.00006
-60.00	150.00	0.00005	-50.00	150.00	0.00005
-40.00	150.00	0.00005	-30.00	150.00	0.00004
-25.00	150.00	0.00004	-20.00	150.00	0.00004
-17.00	150.00	0.00004	-15.00	150.00	0.00004
-13.00	150.00	0.00004	-11.00	150.00	0.00004
-9.00	150.00	0.00004	9.00	150.00	0.00003
11.00	150.00	0.00003	13.00	150.00	0.00003
15.00	150.00	0.00003	17.00	150.00	0.00003
20.00	150.00	0.00003	25.00	150.00	0.00003
30.00	150.00	0.00003	40.00	150.00	0.00003
50.00	150.00	0.00003	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00006	-90.00	160.00	0.00006
-80.00	160.00	0.00005	-70.00	160.00	0.00005
-60.00	160.00	0.00005	-50.00	160.00	0.00004
-40.00	160.00	0.00004	-30.00	160.00	0.00004
-25.00	160.00	0.00004	-20.00	160.00	0.00004
-17.00	160.00	0.00004	-15.00	160.00	0.00004
-13.00	160.00	0.00003	-11.00	160.00	0.00003
-9.00	160.00	0.00003	9.00	160.00	0.00003
11.00	160.00	0.00003	13.00	160.00	0.00003

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00003	17.00	160.00	0.00003
20.00	160.00	0.00003	25.00	160.00	0.00003
30.00	160.00	0.00002	40.00	160.00	0.00002
50.00	160.00	0.00002	60.00	160.00	0.00002
70.00	160.00	0.00002	80.00	160.00	0.00002
90.00	160.00	0.00002	100.00	160.00	0.00002
-100.00	170.00	0.00005	-90.00	170.00	0.00005
-80.00	170.00	0.00005	-70.00	170.00	0.00005
-60.00	170.00	0.00004	-50.00	170.00	0.00004
-40.00	170.00	0.00004	-30.00	170.00	0.00004
-25.00	170.00	0.00003	-20.00	170.00	0.00003
-17.00	170.00	0.00003	-15.00	170.00	0.00003
-13.00	170.00	0.00003	-11.00	170.00	0.00003
-9.00	170.00	0.00003	9.00	170.00	0.00003
11.00	170.00	0.00003	13.00	170.00	0.00003
15.00	170.00	0.00003	17.00	170.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00002	25.00	170.00	0.00002
30.00	170.00	0.00002	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00002
70.00	170.00	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00005	-90.00	180.00	0.00005
-80.00	180.00	0.00005	-70.00	180.00	0.00004
-60.00	180.00	0.00004	-50.00	180.00	0.00004
-40.00	180.00	0.00003	-30.00	180.00	0.00003
-25.00	180.00	0.00003	-20.00	180.00	0.00003
-17.00	180.00	0.00003	-15.00	180.00	0.00003
-13.00	180.00	0.00003	-11.00	180.00	0.00003
-9.00	180.00	0.00003	9.00	180.00	0.00003
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00002
50.00	180.00	0.00002	60.00	180.00	0.00002

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00005	-90.00	190.00	0.00004
-80.00	190.00	0.00004	-70.00	190.00	0.00004
-60.00	190.00	0.00004	-50.00	190.00	0.00003
-40.00	190.00	0.00003	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00003	-15.00	190.00	0.00003
-13.00	190.00	0.00003	-11.00	190.00	0.00003
-9.00	190.00	0.00003	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00004	-90.00	200.00	0.00004
-80.00	200.00	0.00004	-70.00	200.00	0.00004
-60.00	200.00	0.00003	-50.00	200.00	0.00003
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00003	-20.00	200.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00003	-15.00	200.00	0.00003
-13.00	200.00	0.00003	-11.00	200.00	0.00003
-9.00	200.00	0.00003	9.00	200.00	0.00002
11.00	200.00	0.00002	13.00	200.00	0.00002
15.00	200.00	0.00002	17.00	200.00	0.00002
20.00	200.00	0.00002	25.00	200.00	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00004	-90.00	210.00	0.00004
-80.00	210.00	0.00003	-70.00	210.00	0.00003

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00003	-50.00	210.00	0.00003
-40.00	210.00	0.00003	-30.00	210.00	0.00003
-25.00	210.00	0.00003	-20.00	210.00	0.00003
-17.00	210.00	0.00002	-15.00	210.00	0.00002
-13.00	210.00	0.00002	-11.00	210.00	0.00002
-9.00	210.00	0.00002	9.00	210.00	0.00002
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00002
20.00	210.00	0.00002	25.00	210.00	0.00002
30.00	210.00	0.00002	40.00	210.00	0.00002
50.00	210.00	0.00002	60.00	210.00	0.00002
70.00	210.00	0.00002	80.00	210.00	0.00002
90.00	210.00	0.00002	100.00	210.00	0.00002
-100.00	220.00	0.00004	-90.00	220.00	0.00003
-80.00	220.00	0.00003	-70.00	220.00	0.00003
-60.00	220.00	0.00003	-50.00	220.00	0.00003
-40.00	220.00	0.00003	-30.00	220.00	0.00002
-25.00	220.00	0.00002	-20.00	220.00	0.00002
-17.00	220.00	0.00002	-15.00	220.00	0.00002
-13.00	220.00	0.00002	-11.00	220.00	0.00002
-9.00	220.00	0.00002	9.00	220.00	0.00002
11.00	220.00	0.00002	13.00	220.00	0.00002
15.00	220.00	0.00002	17.00	220.00	0.00002
20.00	220.00	0.00002	25.00	220.00	0.00002
30.00	220.00	0.00002	40.00	220.00	0.00002
50.00	220.00	0.00002	60.00	220.00	0.00002
70.00	220.00	0.00002	80.00	220.00	0.00002
90.00	220.00	0.00002	100.00	220.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

10:17:45

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00003	-90.00	230.00	0.00003
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-60.00	230.00	0.00003	-50.00	230.00	0.00003
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00003	-70.00	240.00	0.00003
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00002
30.00	240.00	0.00002	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00003	-90.00	250.00	0.00003
-80.00	250.00	0.00003	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00002
11.00	250.00	0.00002	13.00	250.00	0.00002
15.00	250.00	0.00002	17.00	250.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001
70.00	250.00	0.00001	80.00	250.00	0.00001
90.00	250.00	0.00001	100.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00021	-90.00	-250.00	0.00023
-80.00	-250.00	0.00026	-70.00	-250.00	0.00031
-60.00	-250.00	0.00036	-50.00	-250.00	0.00043
-40.00	-250.00	0.00052	-30.00	-250.00	0.00063
-25.00	-250.00	0.00071	-20.00	-250.00	0.00081
-17.00	-250.00	0.00088	-15.00	-250.00	0.00094
-13.00	-250.00	0.00099	-11.00	-250.00	0.00106
-9.00	-250.00	0.00114	9.00	-250.00	0.00241
11.00	-250.00	0.00256	13.00	-250.00	0.00270
15.00	-250.00	0.00284	17.00	-250.00	0.00297
20.00	-250.00	0.00314	25.00	-250.00	0.00337
30.00	-250.00	0.00349	40.00	-250.00	0.00349
50.00	-250.00	0.00325	60.00	-250.00	0.00292
70.00	-250.00	0.00258	80.00	-250.00	0.00225
90.00	-250.00	0.00196	100.00	-250.00	0.00170
-100.00	-240.00	0.00023	-90.00	-240.00	0.00025
-80.00	-240.00	0.00029	-70.00	-240.00	0.00033
-60.00	-240.00	0.00039	-50.00	-240.00	0.00046
-40.00	-240.00	0.00056	-30.00	-240.00	0.00069
-25.00	-240.00	0.00077	-20.00	-240.00	0.00088
-17.00	-240.00	0.00096	-15.00	-240.00	0.00103
-13.00	-240.00	0.00110	-11.00	-240.00	0.00119
-9.00	-240.00	0.00129	9.00	-240.00	0.00334
11.00	-240.00	0.00360	13.00	-240.00	0.00383
15.00	-240.00	0.00404	17.00	-240.00	0.00421
20.00	-240.00	0.00440	25.00	-240.00	0.00455
30.00	-240.00	0.00452	40.00	-240.00	0.00417
50.00	-240.00	0.00369	60.00	-240.00	0.00320
70.00	-240.00	0.00274	80.00	-240.00	0.00234



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00200	100.00	-240.00	0.00171
-100.00	-230.00	0.00025	-90.00	-230.00	0.00028
-80.00	-230.00	0.00032	-70.00	-230.00	0.00037
-60.00	-230.00	0.00043	-50.00	-230.00	0.00051
-40.00	-230.00	0.00062	-30.00	-230.00	0.00076
-25.00	-230.00	0.00085	-20.00	-230.00	0.00096
-17.00	-230.00	0.00105	-15.00	-230.00	0.00112
-13.00	-230.00	0.00120	-11.00	-230.00	0.00131
-9.00	-230.00	0.00144	9.00	-230.00	0.00534
11.00	-230.00	0.00560	13.00	-230.00	0.00576
15.00	-230.00	0.00585	17.00	-230.00	0.00588

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00586	25.00	-230.00	0.00567
30.00	-230.00	0.00538	40.00	-230.00	0.00468
50.00	-230.00	0.00398	60.00	-230.00	0.00335
70.00	-230.00	0.00282	80.00	-230.00	0.00236
90.00	-230.00	0.00199	100.00	-230.00	0.00168
-100.00	-220.00	0.00027	-90.00	-220.00	0.00030
-80.00	-220.00	0.00035	-70.00	-220.00	0.00041
-60.00	-220.00	0.00048	-50.00	-220.00	0.00057
-40.00	-220.00	0.00070	-30.00	-220.00	0.00087
-25.00	-220.00	0.00098	-20.00	-220.00	0.00112
-17.00	-220.00	0.00123	-15.00	-220.00	0.00132
-13.00	-220.00	0.00143	-11.00	-220.00	0.00157
-9.00	-220.00	0.00177	9.00	-220.00	0.00679
11.00	-220.00	0.00681	13.00	-220.00	0.00680
15.00	-220.00	0.00677	17.00	-220.00	0.00670
20.00	-220.00	0.00655	25.00	-220.00	0.00619
30.00	-220.00	0.00577	40.00	-220.00	0.00489
50.00	-220.00	0.00407	60.00	-220.00	0.00336
70.00	-220.00	0.00278	80.00	-220.00	0.00230
90.00	-220.00	0.00191	100.00	-220.00	0.00159
-100.00	-210.00	0.00029	-90.00	-210.00	0.00034
-80.00	-210.00	0.00039	-70.00	-210.00	0.00046
-60.00	-210.00	0.00055	-50.00	-210.00	0.00066





05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00417	40.00	-170.00	0.00315
50.00	-170.00	0.00236	60.00	-170.00	0.00180
70.00	-170.00	0.00141	80.00	-170.00	0.00113
90.00	-170.00	0.00093	100.00	-170.00	0.00077
-100.00	-160.00	0.00040	-90.00	-160.00	0.00047
-80.00	-160.00	0.00056	-70.00	-160.00	0.00068
-60.00	-160.00	0.00082	-50.00	-160.00	0.00099
-40.00	-160.00	0.00120	-30.00	-160.00	0.00144
-25.00	-160.00	0.00157	-20.00	-160.00	0.00170
-17.00	-160.00	0.00179	-15.00	-160.00	0.00185
-13.00	-160.00	0.00191	-11.00	-160.00	0.00199
-9.00	-160.00	0.00208	9.00	-160.00	0.00526
11.00	-160.00	0.00514	13.00	-160.00	0.00501
15.00	-160.00	0.00486	17.00	-160.00	0.00467
20.00	-160.00	0.00436	25.00	-160.00	0.00379
30.00	-160.00	0.00324	40.00	-160.00	0.00235
50.00	-160.00	0.00175	60.00	-160.00	0.00135
70.00	-160.00	0.00107	80.00	-160.00	0.00087
90.00	-160.00	0.00072	100.00	-160.00	0.00061
-100.00	-150.00	0.00041	-90.00	-150.00	0.00048
-80.00	-150.00	0.00057	-70.00	-150.00	0.00069
-60.00	-150.00	0.00082	-50.00	-150.00	0.00099
-40.00	-150.00	0.00118	-30.00	-150.00	0.00140
-25.00	-150.00	0.00152	-20.00	-150.00	0.00163
-17.00	-150.00	0.00170	-15.00	-150.00	0.00175
-13.00	-150.00	0.00179	-11.00	-150.00	0.00184
-9.00	-150.00	0.00191	9.00	-150.00	0.00426
11.00	-150.00	0.00403	13.00	-150.00	0.00380
15.00	-150.00	0.00357	17.00	-150.00	0.00334

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00300	25.00	-150.00	0.00251
30.00	-150.00	0.00211	40.00	-150.00	0.00156
50.00	-150.00	0.00120	60.00	-150.00	0.00095
70.00	-150.00	0.00077	80.00	-150.00	0.00064
90.00	-150.00	0.00054	100.00	-150.00	0.00047

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00042	-90.00	-140.00	0.00049
-80.00	-140.00	0.00057	-70.00	-140.00	0.00068
-60.00	-140.00	0.00081	-50.00	-140.00	0.00096
-40.00	-140.00	0.00113	-30.00	-140.00	0.00133
-25.00	-140.00	0.00143	-20.00	-140.00	0.00153
-17.00	-140.00	0.00159	-15.00	-140.00	0.00162
-13.00	-140.00	0.00165	-11.00	-140.00	0.00169
-9.00	-140.00	0.00172	9.00	-140.00	0.00217
11.00	-140.00	0.00193	13.00	-140.00	0.00177
15.00	-140.00	0.00165	17.00	-140.00	0.00156
20.00	-140.00	0.00143	25.00	-140.00	0.00126
30.00	-140.00	0.00112	40.00	-140.00	0.00090
50.00	-140.00	0.00074	60.00	-140.00	0.00062
70.00	-140.00	0.00053	80.00	-140.00	0.00046
90.00	-140.00	0.00040	100.00	-140.00	0.00035
-100.00	-130.00	0.00042	-90.00	-130.00	0.00048
-80.00	-130.00	0.00056	-70.00	-130.00	0.00066
-60.00	-130.00	0.00077	-50.00	-130.00	0.00090
-40.00	-130.00	0.00105	-30.00	-130.00	0.00120
-25.00	-130.00	0.00127	-20.00	-130.00	0.00134
-17.00	-130.00	0.00136	-15.00	-130.00	0.00137
-13.00	-130.00	0.00137	-11.00	-130.00	0.00136
-9.00	-130.00	0.00133	9.00	-130.00	0.00060
11.00	-130.00	0.00060	13.00	-130.00	0.00060
15.00	-130.00	0.00060	17.00	-130.00	0.00060
20.00	-130.00	0.00059	25.00	-130.00	0.00058
30.00	-130.00	0.00056	40.00	-130.00	0.00051
50.00	-130.00	0.00046	60.00	-130.00	0.00041
70.00	-130.00	0.00037	80.00	-130.00	0.00033
90.00	-130.00	0.00029	100.00	-130.00	0.00027
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00054	-70.00	-120.00	0.00062
-60.00	-120.00	0.00070	-50.00	-120.00	0.00080
-40.00	-120.00	0.00091	-30.00	-120.00	0.00100
-25.00	-120.00	0.00103	-20.00	-120.00	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 10:17:45  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00101	-15.00	-120.00	0.00099
-13.00	-120.00	0.00095	-11.00	-120.00	0.00090
-9.00	-120.00	0.00083	9.00	-120.00	0.00040
11.00	-120.00	0.00039	13.00	-120.00	0.00039
15.00	-120.00	0.00038	17.00	-120.00	0.00038
20.00	-120.00	0.00037	25.00	-120.00	0.00036
30.00	-120.00	0.00035	40.00	-120.00	0.00033
50.00	-120.00	0.00030	60.00	-120.00	0.00028
70.00	-120.00	0.00026	80.00	-120.00	0.00024
90.00	-120.00	0.00022	100.00	-120.00	0.00020
-100.00	-110.00	0.00039	-90.00	-110.00	0.00044
-80.00	-110.00	0.00049	-70.00	-110.00	0.00056
-60.00	-110.00	0.00062	-50.00	-110.00	0.00069
-40.00	-110.00	0.00076	-30.00	-110.00	0.00079
-25.00	-110.00	0.00077	-20.00	-110.00	0.00073
-17.00	-110.00	0.00070	-15.00	-110.00	0.00067
-13.00	-110.00	0.00063	-11.00	-110.00	0.00059
-9.00	-110.00	0.00055	9.00	-110.00	0.00030
11.00	-110.00	0.00029	13.00	-110.00	0.00029
15.00	-110.00	0.00028	17.00	-110.00	0.00028
20.00	-110.00	0.00027	25.00	-110.00	0.00027
30.00	-110.00	0.00026	40.00	-110.00	0.00024
50.00	-110.00	0.00022	60.00	-110.00	0.00021
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00017	100.00	-110.00	0.00016
-100.00	-100.00	0.00036	-90.00	-100.00	0.00040
-80.00	-100.00	0.00045	-70.00	-100.00	0.00050
-60.00	-100.00	0.00054	-50.00	-100.00	0.00059
-40.00	-100.00	0.00061	-30.00	-100.00	0.00059
-25.00	-100.00	0.00056	-20.00	-100.00	0.00052
-17.00	-100.00	0.00049	-15.00	-100.00	0.00047
-13.00	-100.00	0.00044	-11.00	-100.00	0.00042
-9.00	-100.00	0.00039	9.00	-100.00	0.00024
11.00	-100.00	0.00023	13.00	-100.00	0.00022
15.00	-100.00	0.00022	17.00	-100.00	0.00022
20.00	-100.00	0.00021	25.00	-100.00	0.00021
30.00	-100.00	0.00020	40.00	-100.00	0.00019
50.00	-100.00	0.00018	60.00	-100.00	0.00017
70.00	-100.00	0.00016	80.00	-100.00	0.00015
90.00	-100.00	0.00014	100.00	-100.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00033	-90.00	-90.00	0.00037
-80.00	-90.00	0.00040	-70.00	-90.00	0.00044
-60.00	-90.00	0.00047	-50.00	-90.00	0.00049
-40.00	-90.00	0.00048	-30.00	-90.00	0.00045
-25.00	-90.00	0.00042	-20.00	-90.00	0.00038
-17.00	-90.00	0.00036	-15.00	-90.00	0.00034
-13.00	-90.00	0.00033	-11.00	-90.00	0.00031
-9.00	-90.00	0.00030	9.00	-90.00	0.00019
11.00	-90.00	0.00018	13.00	-90.00	0.00018
15.00	-90.00	0.00018	17.00	-90.00	0.00018
20.00	-90.00	0.00017	25.00	-90.00	0.00017
30.00	-90.00	0.00016	40.00	-90.00	0.00015
50.00	-90.00	0.00015	60.00	-90.00	0.00014
70.00	-90.00	0.00013	80.00	-90.00	0.00012
90.00	-90.00	0.00012	100.00	-90.00	0.00011
-100.00	-80.00	0.00031	-90.00	-80.00	0.00033
-80.00	-80.00	0.00036	-70.00	-80.00	0.00038
-60.00	-80.00	0.00039	-50.00	-80.00	0.00039
-40.00	-80.00	0.00038	-30.00	-80.00	0.00034
-25.00	-80.00	0.00032	-20.00	-80.00	0.00029
-17.00	-80.00	0.00027	-15.00	-80.00	0.00026
-13.00	-80.00	0.00025	-11.00	-80.00	0.00024
-9.00	-80.00	0.00023	9.00	-80.00	0.00016
11.00	-80.00	0.00015	13.00	-80.00	0.00015
15.00	-80.00	0.00015	17.00	-80.00	0.00014
20.00	-80.00	0.00014	25.00	-80.00	0.00014
30.00	-80.00	0.00013	40.00	-80.00	0.00013
50.00	-80.00	0.00012	60.00	-80.00	0.00011
70.00	-80.00	0.00011	80.00	-80.00	0.00010
90.00	-80.00	0.00010	100.00	-80.00	0.00009
-100.00	-70.00	0.00028	-90.00	-70.00	0.00030
-80.00	-70.00	0.00031	-70.00	-70.00	0.00032
-60.00	-70.00	0.00033	-50.00	-70.00	0.00032
-40.00	-70.00	0.00030	-30.00	-70.00	0.00027
-25.00	-70.00	0.00025	-20.00	-70.00	0.00023
-17.00	-70.00	0.00022	-15.00	-70.00	0.00021
-13.00	-70.00	0.00020	-11.00	-70.00	0.00019

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00019	9.00	-70.00	0.00013
11.00	-70.00	0.00013	13.00	-70.00	0.00013
15.00	-70.00	0.00012	17.00	-70.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 110

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00012	25.00	-70.00	0.00012
30.00	-70.00	0.00011	40.00	-70.00	0.00011
50.00	-70.00	0.00010	60.00	-70.00	0.00010
70.00	-70.00	0.00009	80.00	-70.00	0.00009
90.00	-70.00	0.00009	100.00	-70.00	0.00008
-100.00	-60.00	0.00025	-90.00	-60.00	0.00026
-80.00	-60.00	0.00027	-70.00	-60.00	0.00027
-60.00	-60.00	0.00027	-50.00	-60.00	0.00026
-40.00	-60.00	0.00024	-30.00	-60.00	0.00022
-25.00	-60.00	0.00020	-20.00	-60.00	0.00018
-17.00	-60.00	0.00018	-15.00	-60.00	0.00017
-13.00	-60.00	0.00016	-11.00	-60.00	0.00016
-9.00	-60.00	0.00016	9.00	-60.00	0.00011
11.00	-60.00	0.00011	13.00	-60.00	0.00011
15.00	-60.00	0.00010	17.00	-60.00	0.00010
20.00	-60.00	0.00010	25.00	-60.00	0.00010
30.00	-60.00	0.00010	40.00	-60.00	0.00009
50.00	-60.00	0.00009	60.00	-60.00	0.00008
70.00	-60.00	0.00008	80.00	-60.00	0.00008
90.00	-60.00	0.00007	100.00	-60.00	0.00007
-100.00	-50.00	0.00023	-90.00	-50.00	0.00023
-80.00	-50.00	0.00023	-70.00	-50.00	0.00023
-60.00	-50.00	0.00023	-50.00	-50.00	0.00022
-40.00	-50.00	0.00020	-30.00	-50.00	0.00018
-25.00	-50.00	0.00016	-20.00	-50.00	0.00015
-17.00	-50.00	0.00015	-15.00	-50.00	0.00014
-13.00	-50.00	0.00014	-11.00	-50.00	0.00013
-9.00	-50.00	0.00013	9.00	-50.00	0.00010
11.00	-50.00	0.00009	13.00	-50.00	0.00009
15.00	-50.00	0.00009	17.00	-50.00	0.00009
20.00	-50.00	0.00009	25.00	-50.00	0.00009



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00008	40.00	-50.00	0.00008
50.00	-50.00	0.00008	60.00	-50.00	0.00007
70.00	-50.00	0.00007	80.00	-50.00	0.00007
90.00	-50.00	0.00007	100.00	-50.00	0.00006
-100.00	-40.00	0.00020	-90.00	-40.00	0.00020
-80.00	-40.00	0.00020	-70.00	-40.00	0.00020
-60.00	-40.00	0.00019	-50.00	-40.00	0.00018
-40.00	-40.00	0.00017	-30.00	-40.00	0.00015
-25.00	-40.00	0.00014	-20.00	-40.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 111  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00012	-15.00	-40.00	0.00012
-13.00	-40.00	0.00012	-11.00	-40.00	0.00011
-9.00	-40.00	0.00011	9.00	-40.00	0.00008
11.00	-40.00	0.00008	13.00	-40.00	0.00008
15.00	-40.00	0.00008	17.00	-40.00	0.00008
20.00	-40.00	0.00008	25.00	-40.00	0.00007
30.00	-40.00	0.00007	40.00	-40.00	0.00007
50.00	-40.00	0.00007	60.00	-40.00	0.00006
70.00	-40.00	0.00006	80.00	-40.00	0.00006
90.00	-40.00	0.00006	100.00	-40.00	0.00006
-100.00	-30.00	0.00018	-90.00	-30.00	0.00018
-80.00	-30.00	0.00017	-70.00	-30.00	0.00017
-60.00	-30.00	0.00016	-50.00	-30.00	0.00015
-40.00	-30.00	0.00014	-30.00	-30.00	0.00012
-25.00	-30.00	0.00012	-20.00	-30.00	0.00011
-17.00	-30.00	0.00011	-15.00	-30.00	0.00010
-13.00	-30.00	0.00010	-11.00	-30.00	0.00010
-9.00	-30.00	0.00010	9.00	-30.00	0.00007
11.00	-30.00	0.00007	13.00	-30.00	0.00007
15.00	-30.00	0.00007	17.00	-30.00	0.00007
20.00	-30.00	0.00007	25.00	-30.00	0.00006
30.00	-30.00	0.00006	40.00	-30.00	0.00006
50.00	-30.00	0.00006	60.00	-30.00	0.00006
70.00	-30.00	0.00005	80.00	-30.00	0.00005
90.00	-30.00	0.00005	100.00	-30.00	0.00005

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00015	-90.00	-20.00	0.00015
-80.00	-20.00	0.00015	-70.00	-20.00	0.00015
-60.00	-20.00	0.00014	-50.00	-20.00	0.00013
-40.00	-20.00	0.00012	-30.00	-20.00	0.00011
-25.00	-20.00	0.00010	-20.00	-20.00	0.00009
-17.00	-20.00	0.00009	-15.00	-20.00	0.00009
-13.00	-20.00	0.00009	-11.00	-20.00	0.00009
-9.00	-20.00	0.00008	9.00	-20.00	0.00007
11.00	-20.00	0.00006	13.00	-20.00	0.00006
15.00	-20.00	0.00006	17.00	-20.00	0.00006
20.00	-20.00	0.00006	25.00	-20.00	0.00006
30.00	-20.00	0.00006	40.00	-20.00	0.00006
50.00	-20.00	0.00005	60.00	-20.00	0.00005
70.00	-20.00	0.00005	80.00	-20.00	0.00005
90.00	-20.00	0.00005	100.00	-20.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00014	-90.00	-10.00	0.00014
-80.00	-10.00	0.00013	-70.00	-10.00	0.00013
-60.00	-10.00	0.00012	-50.00	-10.00	0.00011
-40.00	-10.00	0.00010	-30.00	-10.00	0.00009
-25.00	-10.00	0.00009	-20.00	-10.00	0.00008
-17.00	-10.00	0.00008	-15.00	-10.00	0.00008
-13.00	-10.00	0.00008	-11.00	-10.00	0.00008
-9.00	-10.00	0.00007	9.00	-10.00	0.00006
11.00	-10.00	0.00006	13.00	-10.00	0.00006
15.00	-10.00	0.00006	17.00	-10.00	0.00005
20.00	-10.00	0.00005	25.00	-10.00	0.00005
30.00	-10.00	0.00005	40.00	-10.00	0.00005
50.00	-10.00	0.00005	60.00	-10.00	0.00005
70.00	-10.00	0.00004	80.00	-10.00	0.00004
90.00	-10.00	0.00004	100.00	-10.00	0.00004
-100.00	0.00	0.00012	-90.00	0.00	0.00012
-80.00	0.00	0.00012	-70.00	0.00	0.00011
-60.00	0.00	0.00011	-50.00	0.00	0.00010
-40.00	0.00	0.00009	-30.00	0.00	0.00008

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00008	-20.00	0.00	0.00007
-17.00	0.00	0.00007	-15.00	0.00	0.00007
-13.00	0.00	0.00007	-11.00	0.00	0.00007
-9.00	0.00	0.00007	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00005
20.00	0.00	0.00005	25.00	0.00	0.00005
30.00	0.00	0.00005	40.00	0.00	0.00004
50.00	0.00	0.00004	60.00	0.00	0.00004
70.00	0.00	0.00004	80.00	0.00	0.00004
90.00	0.00	0.00004	100.00	0.00	0.00004
-100.00	10.00	0.00011	-90.00	10.00	0.00011
-80.00	10.00	0.00010	-70.00	10.00	0.00010
-60.00	10.00	0.00009	-50.00	10.00	0.00009
-40.00	10.00	0.00008	-30.00	10.00	0.00007
-25.00	10.00	0.00007	-20.00	10.00	0.00007
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00006	-11.00	10.00	0.00006
-9.00	10.00	0.00006	9.00	10.00	0.00005
11.00	10.00	0.00005	13.00	10.00	0.00005
15.00	10.00	0.00005	17.00	10.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00004	25.00	10.00	0.00004
30.00	10.00	0.00004	40.00	10.00	0.00004
50.00	10.00	0.00004	60.00	10.00	0.00004
70.00	10.00	0.00004	80.00	10.00	0.00004
90.00	10.00	0.00003	100.00	10.00	0.00003
-100.00	20.00	0.00010	-90.00	20.00	0.00010
-80.00	20.00	0.00009	-70.00	20.00	0.00009
-60.00	20.00	0.00008	-50.00	20.00	0.00008
-40.00	20.00	0.00007	-30.00	20.00	0.00006
-25.00	20.00	0.00006	-20.00	20.00	0.00006
-17.00	20.00	0.00006	-15.00	20.00	0.00006
-13.00	20.00	0.00006	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00004	13.00	20.00	0.00004
15.00	20.00	0.00004	17.00	20.00	0.00004
20.00	20.00	0.00004	25.00	20.00	0.00004
30.00	20.00	0.00004	40.00	20.00	0.00004
50.00	20.00	0.00004	60.00	20.00	0.00004
70.00	20.00	0.00003	80.00	20.00	0.00003
90.00	20.00	0.00003	100.00	20.00	0.00003
-100.00	30.00	0.00009	-90.00	30.00	0.00009
-80.00	30.00	0.00008	-70.00	30.00	0.00008
-60.00	30.00	0.00007	-50.00	30.00	0.00007
-40.00	30.00	0.00006	-30.00	30.00	0.00006
-25.00	30.00	0.00005	-20.00	30.00	0.00005
-17.00	30.00	0.00005	-15.00	30.00	0.00005
-13.00	30.00	0.00005	-11.00	30.00	0.00005
-9.00	30.00	0.00005	9.00	30.00	0.00004
11.00	30.00	0.00004	13.00	30.00	0.00004
15.00	30.00	0.00004	17.00	30.00	0.00004
20.00	30.00	0.00004	25.00	30.00	0.00003
30.00	30.00	0.00003	40.00	30.00	0.00003
50.00	30.00	0.00003	60.00	30.00	0.00003
70.00	30.00	0.00003	80.00	30.00	0.00003
90.00	30.00	0.00003	100.00	30.00	0.00003
-100.00	40.00	0.00008	-90.00	40.00	0.00008
-80.00	40.00	0.00007	-70.00	40.00	0.00007
-60.00	40.00	0.00006	-50.00	40.00	0.00006
-40.00	40.00	0.00005	-30.00	40.00	0.00005
-25.00	40.00	0.00005	-20.00	40.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00005	-15.00	40.00	0.00005
-13.00	40.00	0.00005	-11.00	40.00	0.00004
-9.00	40.00	0.00004	9.00	40.00	0.00004
11.00	40.00	0.00004	13.00	40.00	0.00004
15.00	40.00	0.00003	17.00	40.00	0.00003
20.00	40.00	0.00003	25.00	40.00	0.00003
30.00	40.00	0.00003	40.00	40.00	0.00003

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00003	60.00	40.00	0.00003
70.00	40.00	0.00003	80.00	40.00	0.00003
90.00	40.00	0.00003	100.00	40.00	0.00003
-100.00	50.00	0.00007	-90.00	50.00	0.00007
-80.00	50.00	0.00007	-70.00	50.00	0.00006
-60.00	50.00	0.00006	-50.00	50.00	0.00005
-40.00	50.00	0.00005	-30.00	50.00	0.00005
-25.00	50.00	0.00004	-20.00	50.00	0.00004
-17.00	50.00	0.00004	-15.00	50.00	0.00004
-13.00	50.00	0.00004	-11.00	50.00	0.00004
-9.00	50.00	0.00004	9.00	50.00	0.00003
11.00	50.00	0.00003	13.00	50.00	0.00003
15.00	50.00	0.00003	17.00	50.00	0.00003
20.00	50.00	0.00003	25.00	50.00	0.00003
30.00	50.00	0.00003	40.00	50.00	0.00003
50.00	50.00	0.00003	60.00	50.00	0.00003
70.00	50.00	0.00003	80.00	50.00	0.00003
90.00	50.00	0.00003	100.00	50.00	0.00002
-100.00	60.00	0.00007	-90.00	60.00	0.00006
-80.00	60.00	0.00006	-70.00	60.00	0.00006
-60.00	60.00	0.00005	-50.00	60.00	0.00005
-40.00	60.00	0.00005	-30.00	60.00	0.00004
-25.00	60.00	0.00004	-20.00	60.00	0.00004
-17.00	60.00	0.00004	-15.00	60.00	0.00004
-13.00	60.00	0.00004	-11.00	60.00	0.00004
-9.00	60.00	0.00004	9.00	60.00	0.00003
11.00	60.00	0.00003	13.00	60.00	0.00003
15.00	60.00	0.00003	17.00	60.00	0.00003
20.00	60.00	0.00003	25.00	60.00	0.00003
30.00	60.00	0.00003	40.00	60.00	0.00003
50.00	60.00	0.00003	60.00	60.00	0.00003
70.00	60.00	0.00003	80.00	60.00	0.00002
90.00	60.00	0.00002	100.00	60.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00006	-90.00	70.00	0.00006

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00005	-70.00	70.00	0.00005
-60.00	70.00	0.00005	-50.00	70.00	0.00004
-40.00	70.00	0.00004	-30.00	70.00	0.00004
-25.00	70.00	0.00004	-20.00	70.00	0.00004
-17.00	70.00	0.00004	-15.00	70.00	0.00004
-13.00	70.00	0.00003	-11.00	70.00	0.00003
-9.00	70.00	0.00003	9.00	70.00	0.00003
11.00	70.00	0.00003	13.00	70.00	0.00003
15.00	70.00	0.00003	17.00	70.00	0.00003
20.00	70.00	0.00003	25.00	70.00	0.00003
30.00	70.00	0.00002	40.00	70.00	0.00002
50.00	70.00	0.00002	60.00	70.00	0.00002
70.00	70.00	0.00002	80.00	70.00	0.00002
90.00	70.00	0.00002	100.00	70.00	0.00002
-100.00	80.00	0.00005	-90.00	80.00	0.00005
-80.00	80.00	0.00005	-70.00	80.00	0.00005
-60.00	80.00	0.00004	-50.00	80.00	0.00004
-40.00	80.00	0.00004	-30.00	80.00	0.00004
-25.00	80.00	0.00003	-20.00	80.00	0.00003
-17.00	80.00	0.00003	-15.00	80.00	0.00003
-13.00	80.00	0.00003	-11.00	80.00	0.00003
-9.00	80.00	0.00003	9.00	80.00	0.00003
11.00	80.00	0.00003	13.00	80.00	0.00003
15.00	80.00	0.00003	17.00	80.00	0.00003
20.00	80.00	0.00002	25.00	80.00	0.00002
30.00	80.00	0.00002	40.00	80.00	0.00002
50.00	80.00	0.00002	60.00	80.00	0.00002
70.00	80.00	0.00002	80.00	80.00	0.00002
90.00	80.00	0.00002	100.00	80.00	0.00002
-100.00	90.00	0.00005	-90.00	90.00	0.00005
-80.00	90.00	0.00005	-70.00	90.00	0.00004
-60.00	90.00	0.00004	-50.00	90.00	0.00004
-40.00	90.00	0.00003	-30.00	90.00	0.00003
-25.00	90.00	0.00003	-20.00	90.00	0.00003
-17.00	90.00	0.00003	-15.00	90.00	0.00003
-13.00	90.00	0.00003	-11.00	90.00	0.00003
-9.00	90.00	0.00003	9.00	90.00	0.00003
11.00	90.00	0.00002	13.00	90.00	0.00002
15.00	90.00	0.00002	17.00	90.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00002	25.00	90.00	0.00002
30.00	90.00	0.00002	40.00	90.00	0.00002
50.00	90.00	0.00002	60.00	90.00	0.00002
70.00	90.00	0.00002	80.00	90.00	0.00002
90.00	90.00	0.00002	100.00	90.00	0.00002
-100.00	100.00	0.00005	-90.00	100.00	0.00004
-80.00	100.00	0.00004	-70.00	100.00	0.00004
-60.00	100.00	0.00004	-50.00	100.00	0.00003
-40.00	100.00	0.00003	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00003	-11.00	100.00	0.00003
-9.00	100.00	0.00003	9.00	100.00	0.00002
11.00	100.00	0.00002	13.00	100.00	0.00002
15.00	100.00	0.00002	17.00	100.00	0.00002
20.00	100.00	0.00002	25.00	100.00	0.00002
30.00	100.00	0.00002	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00002
70.00	100.00	0.00002	80.00	100.00	0.00002
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00004	-90.00	110.00	0.00004
-80.00	110.00	0.00004	-70.00	110.00	0.00004
-60.00	110.00	0.00003	-50.00	110.00	0.00003
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00003	-20.00	110.00	0.00003
-17.00	110.00	0.00003	-15.00	110.00	0.00003
-13.00	110.00	0.00003	-11.00	110.00	0.00003
-9.00	110.00	0.00003	9.00	110.00	0.00002
11.00	110.00	0.00002	13.00	110.00	0.00002
15.00	110.00	0.00002	17.00	110.00	0.00002
20.00	110.00	0.00002	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00004	-90.00	120.00	0.00004
-80.00	120.00	0.00003	-70.00	120.00	0.00003
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00003

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00003 -20.00 120.00 0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00002	-15.00	120.00	0.00002
-13.00	120.00	0.00002	-11.00	120.00	0.00002
-9.00	120.00	0.00002	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00004	-90.00	130.00	0.00003
-80.00	130.00	0.00003	-70.00	130.00	0.00003
-60.00	130.00	0.00003	-50.00	130.00	0.00003
-40.00	130.00	0.00003	-30.00	130.00	0.00002
-25.00	130.00	0.00002	-20.00	130.00	0.00002
-17.00	130.00	0.00002	-15.00	130.00	0.00002
-13.00	130.00	0.00002	-11.00	130.00	0.00002
-9.00	130.00	0.00002	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00003	-90.00	140.00	0.00003
-80.00	140.00	0.00003	-70.00	140.00	0.00003
-60.00	140.00	0.00003	-50.00	140.00	0.00003
-40.00	140.00	0.00002	-30.00	140.00	0.00002
-25.00	140.00	0.00002	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00001	60.00	140.00	0.00001
70.00	140.00	0.00001	80.00	140.00	0.00001
90.00	140.00	0.00001	100.00	140.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S) :            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00003	-70.00	150.00	0.00003
-60.00	150.00	0.00002	-50.00	150.00	0.00002
-40.00	150.00	0.00002	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00002
30.00	150.00	0.00002	40.00	150.00	0.00001
50.00	150.00	0.00001	60.00	150.00	0.00001
70.00	150.00	0.00001	80.00	150.00	0.00001
90.00	150.00	0.00001	100.00	150.00	0.00001
-100.00	160.00	0.00003	-90.00	160.00	0.00003
-80.00	160.00	0.00003	-70.00	160.00	0.00002
-60.00	160.00	0.00002	-50.00	160.00	0.00002
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00001
30.00	160.00	0.00001	40.00	160.00	0.00001

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00001	60.00	160.00	0.00001
70.00	160.00	0.00001	80.00	160.00	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-100.00	170.00	0.00003	-90.00	170.00	0.00003
-80.00	170.00	0.00002	-70.00	170.00	0.00002
-60.00	170.00	0.00002	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00002	9.00	170.00	0.00002
11.00	170.00	0.00002	13.00	170.00	0.00002
15.00	170.00	0.00001	17.00	170.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00001	25.00	170.00	0.00001
30.00	170.00	0.00001	40.00	170.00	0.00001
50.00	170.00	0.00001	60.00	170.00	0.00001
70.00	170.00	0.00001	80.00	170.00	0.00001
90.00	170.00	0.00001	100.00	170.00	0.00001
-100.00	180.00	0.00002	-90.00	180.00	0.00002
-80.00	180.00	0.00002	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00002
-17.00	180.00	0.00002	-15.00	180.00	0.00002
-13.00	180.00	0.00002	-11.00	180.00	0.00002
-9.00	180.00	0.00002	9.00	180.00	0.00001
11.00	180.00	0.00001	13.00	180.00	0.00001
15.00	180.00	0.00001	17.00	180.00	0.00001
20.00	180.00	0.00001	25.00	180.00	0.00001
30.00	180.00	0.00001	40.00	180.00	0.00001
50.00	180.00	0.00001	60.00	180.00	0.00001
70.00	180.00	0.00001	80.00	180.00	0.00001
90.00	180.00	0.00001	100.00	180.00	0.00001
-100.00	190.00	0.00002	-90.00	190.00	0.00002

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00002
-25.00	190.00	0.00002	-20.00	190.00	0.00002
-17.00	190.00	0.00002	-15.00	190.00	0.00002
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00001
11.00	190.00	0.00001	13.00	190.00	0.00001
15.00	190.00	0.00001	17.00	190.00	0.00001
20.00	190.00	0.00001	25.00	190.00	0.00001
30.00	190.00	0.00001	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00001
90.00	190.00	0.00001	100.00	190.00	0.00001
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00002	-30.00	200.00	0.00002
-25.00	200.00	0.00002	-20.00	200.00	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00001
-9.00	200.00	0.00001	9.00	200.00	0.00001
11.00	200.00	0.00001	13.00	200.00	0.00001
15.00	200.00	0.00001	17.00	200.00	0.00001
20.00	200.00	0.00001	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00001

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00001	-15.00	210.00	0.00001
-13.00	210.00	0.00001	-11.00	210.00	0.00001
-9.00	210.00	0.00001	9.00	210.00	0.00001
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00002	-90.00	220.00	0.00002
-80.00	220.00	0.00002	-70.00	220.00	0.00002
-60.00	220.00	0.00002	-50.00	220.00	0.00002
-40.00	220.00	0.00002	-30.00	220.00	0.00001
-25.00	220.00	0.00001	-20.00	220.00	0.00001
-17.00	220.00	0.00001	-15.00	220.00	0.00001
-13.00	220.00	0.00001	-11.00	220.00	0.00001
-9.00	220.00	0.00001	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00001
-40.00	230.00	0.00001	-30.00	230.00	0.00001
-25.00	230.00	0.00001	-20.00	230.00	0.00001
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00001	-50.00	240.00	0.00001
-40.00	240.00	0.00001	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00001	-70.00	250.00	0.00001
-60.00	250.00	0.00001	-50.00	250.00	0.00001
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00051	-90.00	-250.00	0.00056
-80.00	-250.00	0.00062	-70.00	-250.00	0.00069
-60.00	-250.00	0.00078	-50.00	-250.00	0.00088
-40.00	-250.00	0.00101	-30.00	-250.00	0.00118
-25.00	-250.00	0.00129	-20.00	-250.00	0.00143
-17.00	-250.00	0.00152	-15.00	-250.00	0.00158
-13.00	-250.00	0.00166	-11.00	-250.00	0.00174
-9.00	-250.00	0.00184	9.00	-250.00	0.00326
11.00	-250.00	0.00343	13.00	-250.00	0.00359
15.00	-250.00	0.00375	17.00	-250.00	0.00390
20.00	-250.00	0.00410	25.00	-250.00	0.00436
30.00	-250.00	0.00453	40.00	-250.00	0.00459
50.00	-250.00	0.00441	60.00	-250.00	0.00412
70.00	-250.00	0.00382	80.00	-250.00	0.00353
90.00	-250.00	0.00326	100.00	-250.00	0.00302
-100.00	-240.00	0.00055	-90.00	-240.00	0.00060
-80.00	-240.00	0.00067	-70.00	-240.00	0.00074
-60.00	-240.00	0.00084	-50.00	-240.00	0.00095
-40.00	-240.00	0.00109	-30.00	-240.00	0.00128
-25.00	-240.00	0.00140	-20.00	-240.00	0.00154
-17.00	-240.00	0.00165	-15.00	-240.00	0.00173
-13.00	-240.00	0.00182	-11.00	-240.00	0.00193
-9.00	-240.00	0.00205	9.00	-240.00	0.00429
11.00	-240.00	0.00456	13.00	-240.00	0.00482
15.00	-240.00	0.00505	17.00	-240.00	0.00524
20.00	-240.00	0.00547	25.00	-240.00	0.00566
30.00	-240.00	0.00567	40.00	-240.00	0.00540
50.00	-240.00	0.00498	60.00	-240.00	0.00454
70.00	-240.00	0.00413	80.00	-240.00	0.00377
90.00	-240.00	0.00345	100.00	-240.00	0.00317
-100.00	-230.00	0.00058	-90.00	-230.00	0.00064
-80.00	-230.00	0.00071	-70.00	-230.00	0.00080

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00091	-50.00	-230.00	0.00103
-40.00	-230.00	0.00119	-30.00	-230.00	0.00139
-25.00	-230.00	0.00152	-20.00	-230.00	0.00168
-17.00	-230.00	0.00179	-15.00	-230.00	0.00188
-13.00	-230.00	0.00199	-11.00	-230.00	0.00211
-9.00	-230.00	0.00227	9.00	-230.00	0.00640
11.00	-230.00	0.00668	13.00	-230.00	0.00686
15.00	-230.00	0.00698	17.00	-230.00	0.00704

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00705	25.00	-230.00	0.00692
30.00	-230.00	0.00667	40.00	-230.00	0.00606
50.00	-230.00	0.00544	60.00	-230.00	0.00487
70.00	-230.00	0.00438	80.00	-230.00	0.00396
90.00	-230.00	0.00360	100.00	-230.00	0.00329
-100.00	-220.00	0.00061	-90.00	-220.00	0.00068
-80.00	-220.00	0.00077	-70.00	-220.00	0.00086
-60.00	-220.00	0.00098	-50.00	-220.00	0.00113
-40.00	-220.00	0.00131	-30.00	-220.00	0.00155
-25.00	-220.00	0.00171	-20.00	-220.00	0.00190
-17.00	-220.00	0.00204	-15.00	-220.00	0.00216
-13.00	-220.00	0.00229	-11.00	-220.00	0.00246
-9.00	-220.00	0.00268	9.00	-220.00	0.00797
11.00	-220.00	0.00802	13.00	-220.00	0.00805
15.00	-220.00	0.00804	17.00	-220.00	0.00801
20.00	-220.00	0.00790	25.00	-220.00	0.00761
30.00	-220.00	0.00724	40.00	-220.00	0.00646
50.00	-220.00	0.00573	60.00	-220.00	0.00509
70.00	-220.00	0.00455	80.00	-220.00	0.00409
90.00	-220.00	0.00370	100.00	-220.00	0.00337
-100.00	-210.00	0.00065	-90.00	-210.00	0.00073
-80.00	-210.00	0.00083	-70.00	-210.00	0.00094
-60.00	-210.00	0.00108	-50.00	-210.00	0.00126
-40.00	-210.00	0.00148	-30.00	-210.00	0.00178
-25.00	-210.00	0.00197	-20.00	-210.00	0.00222
-17.00	-210.00	0.00241	-15.00	-210.00	0.00256

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00273	-11.00	-210.00	0.00294
-9.00	-210.00	0.00319	9.00	-210.00	0.00818
11.00	-210.00	0.00823	13.00	-210.00	0.00827
15.00	-210.00	0.00827	17.00	-210.00	0.00823
20.00	-210.00	0.00813	25.00	-210.00	0.00783
30.00	-210.00	0.00745	40.00	-210.00	0.00665
50.00	-210.00	0.00588	60.00	-210.00	0.00522
70.00	-210.00	0.00466	80.00	-210.00	0.00418
90.00	-210.00	0.00378	100.00	-210.00	0.00344
-100.00	-200.00	0.00070	-90.00	-200.00	0.00079
-80.00	-200.00	0.00089	-70.00	-200.00	0.00103
-60.00	-200.00	0.00119	-50.00	-200.00	0.00139
-40.00	-200.00	0.00165	-30.00	-200.00	0.00201
-25.00	-200.00	0.00225	-20.00	-200.00	0.00253

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00274	-15.00	-200.00	0.00289
-13.00	-200.00	0.00306	-11.00	-200.00	0.00325
-9.00	-200.00	0.00348	9.00	-200.00	0.00828
11.00	-200.00	0.00834	13.00	-200.00	0.00837
15.00	-200.00	0.00837	17.00	-200.00	0.00834
20.00	-200.00	0.00823	25.00	-200.00	0.00793
30.00	-200.00	0.00755	40.00	-200.00	0.00673
50.00	-200.00	0.00596	60.00	-200.00	0.00529
70.00	-200.00	0.00472	80.00	-200.00	0.00424
90.00	-200.00	0.00383	100.00	-200.00	0.00348
-100.00	-190.00	0.00075	-90.00	-190.00	0.00085
-80.00	-190.00	0.00096	-70.00	-190.00	0.00111
-60.00	-190.00	0.00129	-50.00	-190.00	0.00152
-40.00	-190.00	0.00182	-30.00	-190.00	0.00222
-25.00	-190.00	0.00247	-20.00	-190.00	0.00276
-17.00	-190.00	0.00295	-15.00	-190.00	0.00310
-13.00	-190.00	0.00326	-11.00	-190.00	0.00343
-9.00	-190.00	0.00364	9.00	-190.00	0.00835
11.00	-190.00	0.00840	13.00	-190.00	0.00844
15.00	-190.00	0.00843	17.00	-190.00	0.00840



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00829	25.00	-190.00	0.00799
30.00	-190.00	0.00761	40.00	-190.00	0.00679
50.00	-190.00	0.00601	60.00	-190.00	0.00533
70.00	-190.00	0.00476	80.00	-190.00	0.00427
90.00	-190.00	0.00386	100.00	-190.00	0.00350
-100.00	-180.00	0.00080	-90.00	-180.00	0.00090
-80.00	-180.00	0.00103	-70.00	-180.00	0.00118
-60.00	-180.00	0.00138	-50.00	-180.00	0.00163
-40.00	-180.00	0.00196	-30.00	-180.00	0.00237
-25.00	-180.00	0.00262	-20.00	-180.00	0.00290
-17.00	-180.00	0.00309	-15.00	-180.00	0.00323
-13.00	-180.00	0.00338	-11.00	-180.00	0.00355
-9.00	-180.00	0.00374	9.00	-180.00	0.00840
11.00	-180.00	0.00845	13.00	-180.00	0.00848
15.00	-180.00	0.00848	17.00	-180.00	0.00844
20.00	-180.00	0.00833	25.00	-180.00	0.00803
30.00	-180.00	0.00765	40.00	-180.00	0.00682
50.00	-180.00	0.00604	60.00	-180.00	0.00536
70.00	-180.00	0.00478	80.00	-180.00	0.00429
90.00	-180.00	0.00387	100.00	-180.00	0.00352

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00084	-90.00	-170.00	0.00095
-80.00	-170.00	0.00109	-70.00	-170.00	0.00126
-60.00	-170.00	0.00147	-50.00	-170.00	0.00174
-40.00	-170.00	0.00207	-30.00	-170.00	0.00248
-25.00	-170.00	0.00273	-20.00	-170.00	0.00300
-17.00	-170.00	0.00318	-15.00	-170.00	0.00331
-13.00	-170.00	0.00346	-11.00	-170.00	0.00362
-9.00	-170.00	0.00381	9.00	-170.00	0.00843
11.00	-170.00	0.00848	13.00	-170.00	0.00851
15.00	-170.00	0.00851	17.00	-170.00	0.00847
20.00	-170.00	0.00836	25.00	-170.00	0.00806
30.00	-170.00	0.00768	40.00	-170.00	0.00684
50.00	-170.00	0.00606	60.00	-170.00	0.00538
70.00	-170.00	0.00479	80.00	-170.00	0.00430

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00388	100.00	-170.00	0.00353
-100.00	-160.00	0.00088	-90.00	-160.00	0.00100
-80.00	-160.00	0.00114	-70.00	-160.00	0.00132
-60.00	-160.00	0.00155	-50.00	-160.00	0.00182
-40.00	-160.00	0.00216	-30.00	-160.00	0.00256
-25.00	-160.00	0.00280	-20.00	-160.00	0.00307
-17.00	-160.00	0.00324	-15.00	-160.00	0.00337
-13.00	-160.00	0.00351	-11.00	-160.00	0.00367
-9.00	-160.00	0.00386	9.00	-160.00	0.00845
11.00	-160.00	0.00850	13.00	-160.00	0.00853
15.00	-160.00	0.00853	17.00	-160.00	0.00849
20.00	-160.00	0.00838	25.00	-160.00	0.00807
30.00	-160.00	0.00769	40.00	-160.00	0.00686
50.00	-160.00	0.00607	60.00	-160.00	0.00539
70.00	-160.00	0.00480	80.00	-160.00	0.00431
90.00	-160.00	0.00389	100.00	-160.00	0.00353
-100.00	-150.00	0.00091	-90.00	-150.00	0.00104
-80.00	-150.00	0.00119	-70.00	-150.00	0.00138
-60.00	-150.00	0.00161	-50.00	-150.00	0.00189
-40.00	-150.00	0.00222	-30.00	-150.00	0.00262
-25.00	-150.00	0.00285	-20.00	-150.00	0.00311
-17.00	-150.00	0.00328	-15.00	-150.00	0.00341
-13.00	-150.00	0.00355	-11.00	-150.00	0.00370
-9.00	-150.00	0.00389	9.00	-150.00	0.00847
11.00	-150.00	0.00852	13.00	-150.00	0.00855
15.00	-150.00	0.00854	17.00	-150.00	0.00851

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTS:  
 PAGE 127  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00839	25.00	-150.00	0.00809
30.00	-150.00	0.00770	40.00	-150.00	0.00687
50.00	-150.00	0.00608	60.00	-150.00	0.00539
70.00	-150.00	0.00481	80.00	-150.00	0.00431
90.00	-150.00	0.00389	100.00	-150.00	0.00353
-100.00	-140.00	0.00095	-90.00	-140.00	0.00108
-80.00	-140.00	0.00124	-70.00	-140.00	0.00143
-60.00	-140.00	0.00166	-50.00	-140.00	0.00193

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00226	-30.00	-140.00	0.00266
-25.00	-140.00	0.00289	-20.00	-140.00	0.00314
-17.00	-140.00	0.00331	-15.00	-140.00	0.00344
-13.00	-140.00	0.00357	-11.00	-140.00	0.00373
-9.00	-140.00	0.00392	9.00	-140.00	0.00849
11.00	-140.00	0.00854	13.00	-140.00	0.00855
15.00	-140.00	0.00855	17.00	-140.00	0.00852
20.00	-140.00	0.00840	25.00	-140.00	0.00810
30.00	-140.00	0.00771	40.00	-140.00	0.00687
50.00	-140.00	0.00609	60.00	-140.00	0.00540
70.00	-140.00	0.00481	80.00	-140.00	0.00431
90.00	-140.00	0.00389	100.00	-140.00	0.00353
-100.00	-130.00	0.00098	-90.00	-130.00	0.00112
-80.00	-130.00	0.00128	-70.00	-130.00	0.00147
-60.00	-130.00	0.00170	-50.00	-130.00	0.00197
-40.00	-130.00	0.00230	-30.00	-130.00	0.00269
-25.00	-130.00	0.00291	-20.00	-130.00	0.00317
-17.00	-130.00	0.00333	-15.00	-130.00	0.00346
-13.00	-130.00	0.00359	-11.00	-130.00	0.00375
-9.00	-130.00	0.00394	9.00	-130.00	0.00849
11.00	-130.00	0.00854	13.00	-130.00	0.00856
15.00	-130.00	0.00856	17.00	-130.00	0.00852
20.00	-130.00	0.00841	25.00	-130.00	0.00810
30.00	-130.00	0.00771	40.00	-130.00	0.00687
50.00	-130.00	0.00609	60.00	-130.00	0.00540
70.00	-130.00	0.00481	80.00	-130.00	0.00431
90.00	-130.00	0.00389	100.00	-130.00	0.00352
-100.00	-120.00	0.00101	-90.00	-120.00	0.00115
-80.00	-120.00	0.00131	-70.00	-120.00	0.00150
-60.00	-120.00	0.00173	-50.00	-120.00	0.00200
-40.00	-120.00	0.00232	-30.00	-120.00	0.00271
-25.00	-120.00	0.00293	-20.00	-120.00	0.00318

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00335	-15.00	-120.00	0.00347
-13.00	-120.00	0.00360	-11.00	-120.00	0.00376

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00394	9.00	-120.00	0.00849
11.00	-120.00	0.00854	13.00	-120.00	0.00856
15.00	-120.00	0.00856	17.00	-120.00	0.00852
20.00	-120.00	0.00841	25.00	-120.00	0.00810
30.00	-120.00	0.00771	40.00	-120.00	0.00687
50.00	-120.00	0.00608	60.00	-120.00	0.00539
70.00	-120.00	0.00480	80.00	-120.00	0.00430
90.00	-120.00	0.00388	100.00	-120.00	0.00352
-100.00	-110.00	0.00104	-90.00	-110.00	0.00118
-80.00	-110.00	0.00134	-70.00	-110.00	0.00153
-60.00	-110.00	0.00175	-50.00	-110.00	0.00202
-40.00	-110.00	0.00234	-30.00	-110.00	0.00273
-25.00	-110.00	0.00295	-20.00	-110.00	0.00319
-17.00	-110.00	0.00336	-15.00	-110.00	0.00348
-13.00	-110.00	0.00361	-11.00	-110.00	0.00376
-9.00	-110.00	0.00395	9.00	-110.00	0.00849
11.00	-110.00	0.00854	13.00	-110.00	0.00857
15.00	-110.00	0.00856	17.00	-110.00	0.00852
20.00	-110.00	0.00840	25.00	-110.00	0.00810
30.00	-110.00	0.00771	40.00	-110.00	0.00687
50.00	-110.00	0.00608	60.00	-110.00	0.00539
70.00	-110.00	0.00480	80.00	-110.00	0.00430
90.00	-110.00	0.00387	100.00	-110.00	0.00351
-100.00	-100.00	0.00106	-90.00	-100.00	0.00120
-80.00	-100.00	0.00136	-70.00	-100.00	0.00155
-60.00	-100.00	0.00177	-50.00	-100.00	0.00204
-40.00	-100.00	0.00236	-30.00	-100.00	0.00274
-25.00	-100.00	0.00296	-20.00	-100.00	0.00320
-17.00	-100.00	0.00336	-15.00	-100.00	0.00348
-13.00	-100.00	0.00362	-11.00	-100.00	0.00377
-9.00	-100.00	0.00395	9.00	-100.00	0.00849
11.00	-100.00	0.00854	13.00	-100.00	0.00856
15.00	-100.00	0.00856	17.00	-100.00	0.00852
20.00	-100.00	0.00840	25.00	-100.00	0.00809
30.00	-100.00	0.00771	40.00	-100.00	0.00686
50.00	-100.00	0.00607	60.00	-100.00	0.00538
70.00	-100.00	0.00479	80.00	-100.00	0.00429
90.00	-100.00	0.00386	100.00	-100.00	0.00350

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00108	-90.00	-90.00	0.00121
-80.00	-90.00	0.00137	-70.00	-90.00	0.00156
-60.00	-90.00	0.00179	-50.00	-90.00	0.00205
-40.00	-90.00	0.00237	-30.00	-90.00	0.00274
-25.00	-90.00	0.00296	-20.00	-90.00	0.00320
-17.00	-90.00	0.00337	-15.00	-90.00	0.00349
-13.00	-90.00	0.00362	-11.00	-90.00	0.00377
-9.00	-90.00	0.00395	9.00	-90.00	0.00849
11.00	-90.00	0.00853	13.00	-90.00	0.00856
15.00	-90.00	0.00855	17.00	-90.00	0.00851
20.00	-90.00	0.00840	25.00	-90.00	0.00809
30.00	-90.00	0.00770	40.00	-90.00	0.00686
50.00	-90.00	0.00606	60.00	-90.00	0.00537
70.00	-90.00	0.00478	80.00	-90.00	0.00427
90.00	-90.00	0.00385	100.00	-90.00	0.00348
-100.00	-80.00	0.00109	-90.00	-80.00	0.00123
-80.00	-80.00	0.00138	-70.00	-80.00	0.00157
-60.00	-80.00	0.00180	-50.00	-80.00	0.00206
-40.00	-80.00	0.00237	-30.00	-80.00	0.00275
-25.00	-80.00	0.00296	-20.00	-80.00	0.00320
-17.00	-80.00	0.00337	-15.00	-80.00	0.00349
-13.00	-80.00	0.00362	-11.00	-80.00	0.00377
-9.00	-80.00	0.00395	9.00	-80.00	0.00848
11.00	-80.00	0.00853	13.00	-80.00	0.00855
15.00	-80.00	0.00855	17.00	-80.00	0.00851
20.00	-80.00	0.00839	25.00	-80.00	0.00808
30.00	-80.00	0.00769	40.00	-80.00	0.00685
50.00	-80.00	0.00605	60.00	-80.00	0.00535
70.00	-80.00	0.00476	80.00	-80.00	0.00426
90.00	-80.00	0.00383	100.00	-80.00	0.00347
-100.00	-70.00	0.00110	-90.00	-70.00	0.00124
-80.00	-70.00	0.00139	-70.00	-70.00	0.00158
-60.00	-70.00	0.00180	-50.00	-70.00	0.00207
-40.00	-70.00	0.00238	-30.00	-70.00	0.00275
-25.00	-70.00	0.00296	-20.00	-70.00	0.00320
-17.00	-70.00	0.00337	-15.00	-70.00	0.00348
-13.00	-70.00	0.00362	-11.00	-70.00	0.00376
-9.00	-70.00	0.00395	9.00	-70.00	0.00847
11.00	-70.00	0.00852	13.00	-70.00	0.00854
15.00	-70.00	0.00854	17.00	-70.00	0.00850

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00838	25.00	-70.00	0.00807
30.00	-70.00	0.00768	40.00	-70.00	0.00683
50.00	-70.00	0.00604	60.00	-70.00	0.00534
70.00	-70.00	0.00475	80.00	-70.00	0.00424
90.00	-70.00	0.00382	100.00	-70.00	0.00345
-100.00	-60.00	0.00111	-90.00	-60.00	0.00124
-80.00	-60.00	0.00140	-70.00	-60.00	0.00159
-60.00	-60.00	0.00181	-50.00	-60.00	0.00207
-40.00	-60.00	0.00238	-30.00	-60.00	0.00275
-25.00	-60.00	0.00296	-20.00	-60.00	0.00320
-17.00	-60.00	0.00336	-15.00	-60.00	0.00348
-13.00	-60.00	0.00361	-11.00	-60.00	0.00376
-9.00	-60.00	0.00394	9.00	-60.00	0.00847
11.00	-60.00	0.00851	13.00	-60.00	0.00853
15.00	-60.00	0.00853	17.00	-60.00	0.00849
20.00	-60.00	0.00837	25.00	-60.00	0.00806
30.00	-60.00	0.00767	40.00	-60.00	0.00682
50.00	-60.00	0.00602	60.00	-60.00	0.00532
70.00	-60.00	0.00473	80.00	-60.00	0.00423
90.00	-60.00	0.00380	100.00	-60.00	0.00343
-100.00	-50.00	0.00112	-90.00	-50.00	0.00125
-80.00	-50.00	0.00141	-70.00	-50.00	0.00159
-60.00	-50.00	0.00181	-50.00	-50.00	0.00207
-40.00	-50.00	0.00238	-30.00	-50.00	0.00274
-25.00	-50.00	0.00296	-20.00	-50.00	0.00320
-17.00	-50.00	0.00336	-15.00	-50.00	0.00347
-13.00	-50.00	0.00360	-11.00	-50.00	0.00376
-9.00	-50.00	0.00394	9.00	-50.00	0.00846
11.00	-50.00	0.00851	13.00	-50.00	0.00852
15.00	-50.00	0.00851	17.00	-50.00	0.00847
20.00	-50.00	0.00836	25.00	-50.00	0.00804
30.00	-50.00	0.00765	40.00	-50.00	0.00680
50.00	-50.00	0.00600	60.00	-50.00	0.00531
70.00	-50.00	0.00471	80.00	-50.00	0.00421

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00378	100.00	-50.00	0.00341
-100.00	-40.00	0.00112	-90.00	-40.00	0.00125
-80.00	-40.00	0.00141	-70.00	-40.00	0.00159
-60.00	-40.00	0.00181	-50.00	-40.00	0.00207
-40.00	-40.00	0.00237	-30.00	-40.00	0.00274
-25.00	-40.00	0.00295	-20.00	-40.00	0.00319

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00335	-15.00	-40.00	0.00347
-13.00	-40.00	0.00360	-11.00	-40.00	0.00375
-9.00	-40.00	0.00393	9.00	-40.00	0.00845
11.00	-40.00	0.00849	13.00	-40.00	0.00851
15.00	-40.00	0.00850	17.00	-40.00	0.00846
20.00	-40.00	0.00834	25.00	-40.00	0.00803
30.00	-40.00	0.00763	40.00	-40.00	0.00679
50.00	-40.00	0.00598	60.00	-40.00	0.00528
70.00	-40.00	0.00469	80.00	-40.00	0.00418
90.00	-40.00	0.00375	100.00	-40.00	0.00339
-100.00	-30.00	0.00112	-90.00	-30.00	0.00126
-80.00	-30.00	0.00141	-70.00	-30.00	0.00159
-60.00	-30.00	0.00181	-50.00	-30.00	0.00207
-40.00	-30.00	0.00237	-30.00	-30.00	0.00273
-25.00	-30.00	0.00294	-20.00	-30.00	0.00318
-17.00	-30.00	0.00334	-15.00	-30.00	0.00346
-13.00	-30.00	0.00359	-11.00	-30.00	0.00374
-9.00	-30.00	0.00392	9.00	-30.00	0.00843
11.00	-30.00	0.00847	13.00	-30.00	0.00849
15.00	-30.00	0.00848	17.00	-30.00	0.00844
20.00	-30.00	0.00833	25.00	-30.00	0.00801
30.00	-30.00	0.00761	40.00	-30.00	0.00677
50.00	-30.00	0.00596	60.00	-30.00	0.00526
70.00	-30.00	0.00466	80.00	-30.00	0.00416
90.00	-30.00	0.00373	100.00	-30.00	0.00336
-100.00	-20.00	0.00112	-90.00	-20.00	0.00126
-80.00	-20.00	0.00141	-70.00	-20.00	0.00159
-60.00	-20.00	0.00181	-50.00	-20.00	0.00206

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00236	-30.00	-20.00	0.00272
-25.00	-20.00	0.00293	-20.00	-20.00	0.00317
-17.00	-20.00	0.00333	-15.00	-20.00	0.00345
-13.00	-20.00	0.00357	-11.00	-20.00	0.00372
-9.00	-20.00	0.00390	9.00	-20.00	0.00841
11.00	-20.00	0.00845	13.00	-20.00	0.00848
15.00	-20.00	0.00847	17.00	-20.00	0.00843
20.00	-20.00	0.00830	25.00	-20.00	0.00799
30.00	-20.00	0.00760	40.00	-20.00	0.00674
50.00	-20.00	0.00594	60.00	-20.00	0.00524
70.00	-20.00	0.00464	80.00	-20.00	0.00413
90.00	-20.00	0.00370	100.00	-20.00	0.00333

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00112	-90.00	-10.00	0.00126
-80.00	-10.00	0.00141	-70.00	-10.00	0.00159
-60.00	-10.00	0.00180	-50.00	-10.00	0.00205
-40.00	-10.00	0.00235	-30.00	-10.00	0.00271
-25.00	-10.00	0.00292	-20.00	-10.00	0.00316
-17.00	-10.00	0.00332	-15.00	-10.00	0.00343
-13.00	-10.00	0.00356	-11.00	-10.00	0.00371
-9.00	-10.00	0.00389	9.00	-10.00	0.00839
11.00	-10.00	0.00843	13.00	-10.00	0.00846
15.00	-10.00	0.00845	17.00	-10.00	0.00840
20.00	-10.00	0.00828	25.00	-10.00	0.00797
30.00	-10.00	0.00757	40.00	-10.00	0.00672
50.00	-10.00	0.00591	60.00	-10.00	0.00521
70.00	-10.00	0.00461	80.00	-10.00	0.00410
90.00	-10.00	0.00367	100.00	-10.00	0.00330
-100.00	0.00	0.00112	-90.00	0.00	0.00125
-80.00	0.00	0.00140	-70.00	0.00	0.00158
-60.00	0.00	0.00180	-50.00	0.00	0.00205
-40.00	0.00	0.00234	-30.00	0.00	0.00270
-25.00	0.00	0.00291	-20.00	0.00	0.00314
-17.00	0.00	0.00330	-15.00	0.00	0.00342
-13.00	0.00	0.00354	-11.00	0.00	0.00369



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00387	9.00	0.00	0.00837
11.00	0.00	0.00841	13.00	0.00	0.00843
15.00	0.00	0.00842	17.00	0.00	0.00838
20.00	0.00	0.00826	25.00	0.00	0.00794
30.00	0.00	0.00755	40.00	0.00	0.00669
50.00	0.00	0.00588	60.00	0.00	0.00518
70.00	0.00	0.00458	80.00	0.00	0.00407
90.00	0.00	0.00363	100.00	0.00	0.00326
-100.00	10.00	0.00112	-90.00	10.00	0.00125
-80.00	10.00	0.00140	-70.00	10.00	0.00158
-60.00	10.00	0.00179	-50.00	10.00	0.00204
-40.00	10.00	0.00233	-30.00	10.00	0.00269
-25.00	10.00	0.00290	-20.00	10.00	0.00313
-17.00	10.00	0.00328	-15.00	10.00	0.00340
-13.00	10.00	0.00353	-11.00	10.00	0.00367
-9.00	10.00	0.00385	9.00	10.00	0.00835
11.00	10.00	0.00839	13.00	10.00	0.00841
15.00	10.00	0.00840	17.00	10.00	0.00835

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00823	25.00	10.00	0.00791
30.00	10.00	0.00752	40.00	10.00	0.00666
50.00	10.00	0.00585	60.00	10.00	0.00514
70.00	10.00	0.00454	80.00	10.00	0.00403
90.00	10.00	0.00360	100.00	10.00	0.00322
-100.00	20.00	0.00112	-90.00	20.00	0.00124
-80.00	20.00	0.00139	-70.00	20.00	0.00157
-60.00	20.00	0.00178	-50.00	20.00	0.00203
-40.00	20.00	0.00232	-30.00	20.00	0.00267
-25.00	20.00	0.00288	-20.00	20.00	0.00311
-17.00	20.00	0.00327	-15.00	20.00	0.00338
-13.00	20.00	0.00351	-11.00	20.00	0.00365
-9.00	20.00	0.00383	9.00	20.00	0.00832
11.00	20.00	0.00836	13.00	20.00	0.00838
15.00	20.00	0.00837	17.00	20.00	0.00833
20.00	20.00	0.00820	25.00	20.00	0.00788

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00748	40.00	20.00	0.00662
50.00	20.00	0.00581	60.00	20.00	0.00510
70.00	20.00	0.00450	80.00	20.00	0.00399
90.00	20.00	0.00355	100.00	20.00	0.00318
-100.00	30.00	0.00111	-90.00	30.00	0.00124
-80.00	30.00	0.00139	-70.00	30.00	0.00156
-60.00	30.00	0.00177	-50.00	30.00	0.00201
-40.00	30.00	0.00231	-30.00	30.00	0.00266
-25.00	30.00	0.00286	-20.00	30.00	0.00309
-17.00	30.00	0.00325	-15.00	30.00	0.00336
-13.00	30.00	0.00349	-11.00	30.00	0.00363
-9.00	30.00	0.00381	9.00	30.00	0.00830
11.00	30.00	0.00833	13.00	30.00	0.00835
15.00	30.00	0.00834	17.00	30.00	0.00829
20.00	30.00	0.00817	25.00	30.00	0.00785
30.00	30.00	0.00745	40.00	30.00	0.00658
50.00	30.00	0.00577	60.00	30.00	0.00506
70.00	30.00	0.00446	80.00	30.00	0.00394
90.00	30.00	0.00351	100.00	30.00	0.00313
-100.00	40.00	0.00110	-90.00	40.00	0.00123
-80.00	40.00	0.00138	-70.00	40.00	0.00155
-60.00	40.00	0.00176	-50.00	40.00	0.00200
-40.00	40.00	0.00229	-30.00	40.00	0.00264
-25.00	40.00	0.00284	-20.00	40.00	0.00307

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00322	-15.00	40.00	0.00334
-13.00	40.00	0.00346	-11.00	40.00	0.00361
-9.00	40.00	0.00379	9.00	40.00	0.00827
11.00	40.00	0.00831	13.00	40.00	0.00831
15.00	40.00	0.00830	17.00	40.00	0.00826
20.00	40.00	0.00813	25.00	40.00	0.00781
30.00	40.00	0.00740	40.00	40.00	0.00654
50.00	40.00	0.00572	60.00	40.00	0.00501
70.00	40.00	0.00441	80.00	40.00	0.00389
90.00	40.00	0.00345	100.00	40.00	0.00308

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00110	-90.00	50.00	0.00122
-80.00	50.00	0.00137	-70.00	50.00	0.00154
-60.00	50.00	0.00174	-50.00	50.00	0.00198
-40.00	50.00	0.00227	-30.00	50.00	0.00262
-25.00	50.00	0.00282	-20.00	50.00	0.00304
-17.00	50.00	0.00320	-15.00	50.00	0.00331
-13.00	50.00	0.00344	-11.00	50.00	0.00358
-9.00	50.00	0.00376	9.00	50.00	0.00823
11.00	50.00	0.00826	13.00	50.00	0.00828
15.00	50.00	0.00826	17.00	50.00	0.00822
20.00	50.00	0.00809	25.00	50.00	0.00776
30.00	50.00	0.00736	40.00	50.00	0.00649
50.00	50.00	0.00567	60.00	50.00	0.00496
70.00	50.00	0.00435	80.00	50.00	0.00383
90.00	50.00	0.00339	100.00	50.00	0.00301
-100.00	60.00	0.00109	-90.00	60.00	0.00121
-80.00	60.00	0.00135	-70.00	60.00	0.00152
-60.00	60.00	0.00173	-50.00	60.00	0.00197
-40.00	60.00	0.00225	-30.00	60.00	0.00259
-25.00	60.00	0.00279	-20.00	60.00	0.00302
-17.00	60.00	0.00317	-15.00	60.00	0.00328
-13.00	60.00	0.00341	-11.00	60.00	0.00355
-9.00	60.00	0.00373	9.00	60.00	0.00818
11.00	60.00	0.00822	13.00	60.00	0.00823
15.00	60.00	0.00822	17.00	60.00	0.00817
20.00	60.00	0.00804	25.00	60.00	0.00771
30.00	60.00	0.00730	40.00	60.00	0.00643
50.00	60.00	0.00561	60.00	60.00	0.00490
70.00	60.00	0.00429	80.00	60.00	0.00377
90.00	60.00	0.00332	100.00	60.00	0.00295

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER      IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00108	-90.00	70.00	0.00120
-80.00	70.00	0.00134	-70.00	70.00	0.00151
-60.00	70.00	0.00171	-50.00	70.00	0.00195
-40.00	70.00	0.00223	-30.00	70.00	0.00257

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00277	-20.00	70.00	0.00299
-17.00	70.00	0.00314	-15.00	70.00	0.00325
-13.00	70.00	0.00337	-11.00	70.00	0.00351
-9.00	70.00	0.00369	9.00	70.00	0.00813
11.00	70.00	0.00817	13.00	70.00	0.00818
15.00	70.00	0.00817	17.00	70.00	0.00812
20.00	70.00	0.00799	25.00	70.00	0.00765
30.00	70.00	0.00725	40.00	70.00	0.00637
50.00	70.00	0.00554	60.00	70.00	0.00483
70.00	70.00	0.00421	80.00	70.00	0.00369
90.00	70.00	0.00325	100.00	70.00	0.00287
-100.00	80.00	0.00107	-90.00	80.00	0.00119
-80.00	80.00	0.00133	-70.00	80.00	0.00149
-60.00	80.00	0.00169	-50.00	80.00	0.00192
-40.00	80.00	0.00220	-30.00	80.00	0.00254
-25.00	80.00	0.00273	-20.00	80.00	0.00295
-17.00	80.00	0.00310	-15.00	80.00	0.00321
-13.00	80.00	0.00333	-11.00	80.00	0.00347
-9.00	80.00	0.00365	9.00	80.00	0.00808
11.00	80.00	0.00811	13.00	80.00	0.00813
15.00	80.00	0.00811	17.00	80.00	0.00806
20.00	80.00	0.00792	25.00	80.00	0.00759
30.00	80.00	0.00718	40.00	80.00	0.00630
50.00	80.00	0.00547	60.00	80.00	0.00475
70.00	80.00	0.00413	80.00	80.00	0.00361
90.00	80.00	0.00316	100.00	80.00	0.00278
-100.00	90.00	0.00106	-90.00	90.00	0.00117
-80.00	90.00	0.00131	-70.00	90.00	0.00147
-60.00	90.00	0.00167	-50.00	90.00	0.00190
-40.00	90.00	0.00218	-30.00	90.00	0.00251
-25.00	90.00	0.00270	-20.00	90.00	0.00292
-17.00	90.00	0.00306	-15.00	90.00	0.00317
-13.00	90.00	0.00329	-11.00	90.00	0.00343
-9.00	90.00	0.00360	9.00	90.00	0.00802
11.00	90.00	0.00805	13.00	90.00	0.00806
15.00	90.00	0.00804	17.00	90.00	0.00799

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

05NCRA PL97-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00785	25.00	90.00	0.00752
30.00	90.00	0.00710	40.00	90.00	0.00621
50.00	90.00	0.00538	60.00	90.00	0.00466
70.00	90.00	0.00404	80.00	90.00	0.00351
90.00	90.00	0.00306	100.00	90.00	0.00268
-100.00	100.00	0.00104	-90.00	100.00	0.00116
-80.00	100.00	0.00129	-70.00	100.00	0.00145
-60.00	100.00	0.00164	-50.00	100.00	0.00187
-40.00	100.00	0.00215	-30.00	100.00	0.00247
-25.00	100.00	0.00266	-20.00	100.00	0.00287
-17.00	100.00	0.00302	-15.00	100.00	0.00313
-13.00	100.00	0.00325	-11.00	100.00	0.00338
-9.00	100.00	0.00355	9.00	100.00	0.00795
11.00	100.00	0.00798	13.00	100.00	0.00799
15.00	100.00	0.00797	17.00	100.00	0.00791
20.00	100.00	0.00777	25.00	100.00	0.00743
30.00	100.00	0.00701	40.00	100.00	0.00612
50.00	100.00	0.00528	60.00	100.00	0.00455
70.00	100.00	0.00392	80.00	100.00	0.00339
90.00	100.00	0.00295	100.00	100.00	0.00257
-100.00	110.00	0.00103	-90.00	110.00	0.00114
-80.00	110.00	0.00127	-70.00	110.00	0.00143
-60.00	110.00	0.00162	-50.00	110.00	0.00184
-40.00	110.00	0.00211	-30.00	110.00	0.00243
-25.00	110.00	0.00262	-20.00	110.00	0.00283
-17.00	110.00	0.00297	-15.00	110.00	0.00308
-13.00	110.00	0.00319	-11.00	110.00	0.00333
-9.00	110.00	0.00349	9.00	110.00	0.00787
11.00	110.00	0.00789	13.00	110.00	0.00790
15.00	110.00	0.00788	17.00	110.00	0.00782
20.00	110.00	0.00768	25.00	110.00	0.00733
30.00	110.00	0.00691	40.00	110.00	0.00600
50.00	110.00	0.00516	60.00	110.00	0.00442
70.00	110.00	0.00379	80.00	110.00	0.00326
90.00	110.00	0.00281	100.00	110.00	0.00244
-100.00	120.00	0.00102	-90.00	120.00	0.00113
-80.00	120.00	0.00125	-70.00	120.00	0.00141
-60.00	120.00	0.00159	-50.00	120.00	0.00181
-40.00	120.00	0.00207	-30.00	120.00	0.00239
-25.00	120.00	0.00257	-20.00	120.00	0.00278

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00292	-15.00	120.00	0.00302
-13.00	120.00	0.00313	-11.00	120.00	0.00326
-9.00	120.00	0.00342	9.00	120.00	0.00778
11.00	120.00	0.00780	13.00	120.00	0.00780
15.00	120.00	0.00777	17.00	120.00	0.00771
20.00	120.00	0.00756	25.00	120.00	0.00721
30.00	120.00	0.00678	40.00	120.00	0.00587
50.00	120.00	0.00502	60.00	120.00	0.00427
70.00	120.00	0.00364	80.00	120.00	0.00311
90.00	120.00	0.00266	100.00	120.00	0.00229
-100.00	130.00	0.00100	-90.00	130.00	0.00111
-80.00	130.00	0.00123	-70.00	130.00	0.00138
-60.00	130.00	0.00156	-50.00	130.00	0.00177
-40.00	130.00	0.00203	-30.00	130.00	0.00234
-25.00	130.00	0.00252	-20.00	130.00	0.00272
-17.00	130.00	0.00285	-15.00	130.00	0.00295
-13.00	130.00	0.00306	-11.00	130.00	0.00319
-9.00	130.00	0.00336	9.00	130.00	0.00767
11.00	130.00	0.00769	13.00	130.00	0.00768
15.00	130.00	0.00764	17.00	130.00	0.00758
20.00	130.00	0.00743	25.00	130.00	0.00707
30.00	130.00	0.00663	40.00	130.00	0.00571
50.00	130.00	0.00485	60.00	130.00	0.00410
70.00	130.00	0.00346	80.00	130.00	0.00293
90.00	130.00	0.00249	100.00	130.00	0.00213
-100.00	140.00	0.00099	-90.00	140.00	0.00109
-80.00	140.00	0.00121	-70.00	140.00	0.00135
-60.00	140.00	0.00153	-50.00	140.00	0.00173
-40.00	140.00	0.00199	-30.00	140.00	0.00228
-25.00	140.00	0.00246	-20.00	140.00	0.00265
-17.00	140.00	0.00278	-15.00	140.00	0.00288
-13.00	140.00	0.00298	-11.00	140.00	0.00311
-9.00	140.00	0.00327	9.00	140.00	0.00753
11.00	140.00	0.00754	13.00	140.00	0.00753
15.00	140.00	0.00749	17.00	140.00	0.00743
20.00	140.00	0.00727	25.00	140.00	0.00689

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00645	40.00	140.00	0.00551
50.00	140.00	0.00464	60.00	140.00	0.00388
70.00	140.00	0.00325	80.00	140.00	0.00272
90.00	140.00	0.00230	100.00	140.00	0.00195

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00097	-90.00	150.00	0.00107
-80.00	150.00	0.00119	-70.00	150.00	0.00133
-60.00	150.00	0.00149	-50.00	150.00	0.00169
-40.00	150.00	0.00193	-30.00	150.00	0.00222
-25.00	150.00	0.00239	-20.00	150.00	0.00257
-17.00	150.00	0.00270	-15.00	150.00	0.00279
-13.00	150.00	0.00289	-11.00	150.00	0.00301
-9.00	150.00	0.00316	9.00	150.00	0.00736
11.00	150.00	0.00736	13.00	150.00	0.00735
15.00	150.00	0.00730	17.00	150.00	0.00723
20.00	150.00	0.00706	25.00	150.00	0.00668
30.00	150.00	0.00622	40.00	150.00	0.00527
50.00	150.00	0.00438	60.00	150.00	0.00362
70.00	150.00	0.00299	80.00	150.00	0.00248
90.00	150.00	0.00208	100.00	150.00	0.00175
-100.00	160.00	0.00095	-90.00	160.00	0.00105
-80.00	160.00	0.00116	-70.00	160.00	0.00130
-60.00	160.00	0.00146	-50.00	160.00	0.00165
-40.00	160.00	0.00188	-30.00	160.00	0.00215
-25.00	160.00	0.00231	-20.00	160.00	0.00249
-17.00	160.00	0.00260	-15.00	160.00	0.00269
-13.00	160.00	0.00279	-11.00	160.00	0.00290
-9.00	160.00	0.00304	9.00	160.00	0.00715
11.00	160.00	0.00714	13.00	160.00	0.00712
15.00	160.00	0.00707	17.00	160.00	0.00699
20.00	160.00	0.00681	25.00	160.00	0.00641
30.00	160.00	0.00594	40.00	160.00	0.00496
50.00	160.00	0.00405	60.00	160.00	0.00330
70.00	160.00	0.00269	80.00	160.00	0.00221
90.00	160.00	0.00183	100.00	160.00	0.00154

05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00093	-90.00	170.00	0.00102
-80.00	170.00	0.00113	-70.00	170.00	0.00126
-60.00	170.00	0.00142	-50.00	170.00	0.00160
-40.00	170.00	0.00181	-30.00	170.00	0.00207
-25.00	170.00	0.00222	-20.00	170.00	0.00239
-17.00	170.00	0.00250	-15.00	170.00	0.00258
-13.00	170.00	0.00267	-11.00	170.00	0.00277
-9.00	170.00	0.00290	9.00	170.00	0.00689
11.00	170.00	0.00687	13.00	170.00	0.00684
15.00	170.00	0.00677	17.00	170.00	0.00668

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00648	25.00	170.00	0.00606
30.00	170.00	0.00557	40.00	170.00	0.00455
50.00	170.00	0.00365	60.00	170.00	0.00292
70.00	170.00	0.00235	80.00	170.00	0.00191
90.00	170.00	0.00158	100.00	170.00	0.00133
-100.00	180.00	0.00090	-90.00	180.00	0.00100
-80.00	180.00	0.00110	-70.00	180.00	0.00123
-60.00	180.00	0.00138	-50.00	180.00	0.00155
-40.00	180.00	0.00175	-30.00	180.00	0.00199
-25.00	180.00	0.00213	-20.00	180.00	0.00228
-17.00	180.00	0.00238	-15.00	180.00	0.00245
-13.00	180.00	0.00253	-11.00	180.00	0.00263
-9.00	180.00	0.00275	9.00	180.00	0.00655
11.00	180.00	0.00651	13.00	180.00	0.00646
15.00	180.00	0.00638	17.00	180.00	0.00627
20.00	180.00	0.00605	25.00	180.00	0.00559
30.00	180.00	0.00507	40.00	180.00	0.00403
50.00	180.00	0.00315	60.00	180.00	0.00247
70.00	180.00	0.00197	80.00	180.00	0.00160
90.00	180.00	0.00133	100.00	180.00	0.00112
-100.00	190.00	0.00088	-90.00	190.00	0.00096
-80.00	190.00	0.00107	-70.00	190.00	0.00119
-60.00	190.00	0.00133	-50.00	190.00	0.00150
-40.00	190.00	0.00169	-30.00	190.00	0.00190



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00202	-20.00	190.00	0.00215
-17.00	190.00	0.00224	-15.00	190.00	0.00231
-13.00	190.00	0.00238	-11.00	190.00	0.00246
-9.00	190.00	0.00257	9.00	190.00	0.00610
11.00	190.00	0.00604	13.00	190.00	0.00596
15.00	190.00	0.00585	17.00	190.00	0.00571
20.00	190.00	0.00545	25.00	190.00	0.00493
30.00	190.00	0.00437	40.00	190.00	0.00334
50.00	190.00	0.00255	60.00	190.00	0.00198
70.00	190.00	0.00159	80.00	190.00	0.00130
90.00	190.00	0.00109	100.00	190.00	0.00093
-100.00	200.00	0.00085	-90.00	200.00	0.00093
-80.00	200.00	0.00103	-70.00	200.00	0.00114
-60.00	200.00	0.00128	-50.00	200.00	0.00144
-40.00	200.00	0.00161	-30.00	200.00	0.00182
-25.00	200.00	0.00192	-20.00	200.00	0.00203

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

10:17:45  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00210	-15.00	200.00	0.00215
-13.00	200.00	0.00221	-11.00	200.00	0.00228
-9.00	200.00	0.00236	9.00	200.00	0.00547
11.00	200.00	0.00535	13.00	200.00	0.00521
15.00	200.00	0.00505	17.00	200.00	0.00487
20.00	200.00	0.00455	25.00	200.00	0.00397
30.00	200.00	0.00342	40.00	200.00	0.00253
50.00	200.00	0.00192	60.00	200.00	0.00151
70.00	200.00	0.00123	80.00	200.00	0.00102
90.00	200.00	0.00087	100.00	200.00	0.00075
-100.00	210.00	0.00081	-90.00	210.00	0.00089
-80.00	210.00	0.00098	-70.00	210.00	0.00109
-60.00	210.00	0.00122	-50.00	210.00	0.00136
-40.00	210.00	0.00153	-30.00	210.00	0.00172
-25.00	210.00	0.00181	-20.00	210.00	0.00191
-17.00	210.00	0.00197	-15.00	210.00	0.00201
-13.00	210.00	0.00204	-11.00	210.00	0.00209
-9.00	210.00	0.00215	9.00	210.00	0.00445



05NCRA\_PL97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00058	60.00	230.00	0.00052
70.00	230.00	0.00048	80.00	230.00	0.00044
90.00	230.00	0.00040	100.00	230.00	0.00037
-100.00	240.00	0.00070	-90.00	240.00	0.00075
-80.00	240.00	0.00081	-70.00	240.00	0.00088
-60.00	240.00	0.00096	-50.00	240.00	0.00104
-40.00	240.00	0.00113	-30.00	240.00	0.00120
-25.00	240.00	0.00122	-20.00	240.00	0.00122
-17.00	240.00	0.00119	-15.00	240.00	0.00116
-13.00	240.00	0.00112	-11.00	240.00	0.00106
-9.00	240.00	0.00100	9.00	240.00	0.00053
11.00	240.00	0.00052	13.00	240.00	0.00051
15.00	240.00	0.00051	17.00	240.00	0.00050
20.00	240.00	0.00049	25.00	240.00	0.00048
30.00	240.00	0.00047	40.00	240.00	0.00044
50.00	240.00	0.00041	60.00	240.00	0.00039
70.00	240.00	0.00036	80.00	240.00	0.00034
90.00	240.00	0.00032	100.00	240.00	0.00030
-100.00	250.00	0.00065	-90.00	250.00	0.00069
-80.00	250.00	0.00074	-70.00	250.00	0.00079
-60.00	250.00	0.00085	-50.00	250.00	0.00090
-40.00	250.00	0.00095	-30.00	250.00	0.00097
-25.00	250.00	0.00094	-20.00	250.00	0.00090
-17.00	250.00	0.00086	-15.00	250.00	0.00082
-13.00	250.00	0.00078	-11.00	250.00	0.00074
-9.00	250.00	0.00070	9.00	250.00	0.00042
11.00	250.00	0.00041	13.00	250.00	0.00040
15.00	250.00	0.00040	17.00	250.00	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:17:45  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00038	25.00	250.00	0.00037
30.00	250.00	0.00036	40.00	250.00	0.00034
50.00	250.00	0.00032	60.00	250.00	0.00031
70.00	250.00	0.00029	80.00	250.00	0.00027
90.00	250.00	0.00026	100.00	250.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00685 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT ( 9.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT ( 11.00, 140.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT ( 13.00, 140.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT ( 9.00, 140.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT ( 15.00, 140.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00685 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT ( 9.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT ( 11.00, 50.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT ( 13.00, 50.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT ( 9.00, 50.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT ( 15.00, 50.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00685 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT ( 9.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT ( 11.00, -40.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT ( 13.00, -40.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT ( 9.00, -40.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT ( 15.00, -40.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

10:17:45

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00685 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT ( 9.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT ( 11.00, -130.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT ( 13.00, -130.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT ( 9.00, -130.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT ( 15.00, -130.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00685 AT ( 11.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT ( 9.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT ( 11.00, -220.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT ( 13.00, -220.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT ( 9.00, -220.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT ( 15.00, -220.00, 0.00, 1.20)	DC	NA

		05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00674	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674	AT (	17.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00857	AT (	13.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00856	AT (	13.00,	-120.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00856	AT (	13.00,	-100.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00856	AT (	13.00,	-130.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-130.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00856	AT (	13.00,	-90.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00855	AT (	13.00,	-140.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

10:17:45

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 5 Informational Message(s)  
 A Total of 5 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 10:24:40

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
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RE DISCCART	180.0	9.0	1.2
RE DISCCART	180.0	-9.0	1.2
RE DISCCART	180.0	-11.0	1.2
RE DISCCART	180.0	-13.0	1.2
RE DISCCART	180.0	-15.0	1.2
RE DISCCART	180.0	-17.0	1.2
RE DISCCART	180.0	-20.0	1.2
RE DISCCART	180.0	-25.0	1.2
RE DISCCART	180.0	-30.0	1.2
RE DISCCART	180.0	-40.0	1.2
RE DISCCART	180.0	-50.0	1.2
RE DISCCART	180.0	-60.0	1.2
RE DISCCART	180.0	-70.0	1.2
RE DISCCART	180.0	-80.0	1.2
RE DISCCART	180.0	-90.0	1.2

RE DISCCART	180.0	-100.0	1.2
RE DISCCART	190.0	100.0	1.2
RE DISCCART	190.0	90.0	1.2
RE DISCCART	190.0	80.0	1.2
RE DISCCART	190.0	70.0	1.2
RE DISCCART	190.0	60.0	1.2
RE DISCCART	190.0	50.0	1.2
RE DISCCART	190.0	40.0	1.2
RE DISCCART	190.0	30.0	1.2
RE DISCCART	190.0	25.0	1.2
RE DISCCART	190.0	20.0	1.2
RE DISCCART	190.0	17.0	1.2
RE DISCCART	190.0	15.0	1.2
RE DISCCART	190.0	13.0	1.2
RE DISCCART	190.0	11.0	1.2
RE DISCCART	190.0	9.0	1.2
RE DISCCART	190.0	-9.0	1.2
RE DISCCART	190.0	-11.0	1.2
RE DISCCART	190.0	-13.0	1.2
RE DISCCART	190.0	-15.0	1.2
RE DISCCART	190.0	-17.0	1.2
RE DISCCART	190.0	-20.0	1.2
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RE DISCCART	190.0	-50.0	1.2
RE DISCCART	190.0	-60.0	1.2
RE DISCCART	190.0	-70.0	1.2
RE DISCCART	190.0	-80.0	1.2
RE DISCCART	190.0	-90.0	1.2
RE DISCCART	190.0	-100.0	1.2
RE DISCCART	200.0	100.0	1.2
RE DISCCART	200.0	90.0	1.2
RE DISCCART	200.0	80.0	1.2
RE DISCCART	200.0	70.0	1.2
RE DISCCART	200.0	60.0	1.2
RE DISCCART	200.0	50.0	1.2
RE DISCCART	200.0	40.0	1.2
RE DISCCART	200.0	30.0	1.2
RE DISCCART	200.0	25.0	1.2
RE DISCCART	200.0	20.0	1.2
RE DISCCART	200.0	17.0	1.2
RE DISCCART	200.0	15.0	1.2
RE DISCCART	200.0	13.0	1.2

RE DISCCART	200.0	11.0	1.2
RE DISCCART	200.0	9.0	1.2
RE DISCCART	200.0	-9.0	1.2
RE DISCCART	200.0	-11.0	1.2
RE DISCCART	200.0	-13.0	1.2
RE DISCCART	200.0	-15.0	1.2
RE DISCCART	200.0	-17.0	1.2
RE DISCCART	200.0	-20.0	1.2
RE DISCCART	200.0	-25.0	1.2
RE DISCCART	200.0	-30.0	1.2
RE DISCCART	200.0	-40.0	1.2
RE DISCCART	200.0	-50.0	1.2
RE DISCCART	200.0	-60.0	1.2
RE DISCCART	200.0	-70.0	1.2
RE DISCCART	200.0	-80.0	1.2
RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
RE DISCCART	210.0	100.0	1.2
RE DISCCART	210.0	90.0	1.2
RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
RE DISCCART	210.0	25.0	1.2
RE DISCCART	210.0	20.0	1.2
RE DISCCART	210.0	17.0	1.2
RE DISCCART	210.0	15.0	1.2
RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
RE DISCCART	210.0	-13.0	1.2
RE DISCCART	210.0	-15.0	1.2
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RE DISCCART	210.0	-30.0	1.2
RE DISCCART	210.0	-40.0	1.2
RE DISCCART	210.0	-50.0	1.2
RE DISCCART	210.0	-60.0	1.2
RE DISCCART	210.0	-70.0	1.2

RE DISCCART	210.0	-80.0	1.2
RE DISCCART	210.0	-90.0	1.2
RE DISCCART	210.0	-100.0	1.2
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RE DISCCART	220.0	70.0	1.2
RE DISCCART	220.0	60.0	1.2
RE DISCCART	220.0	50.0	1.2
RE DISCCART	220.0	40.0	1.2
RE DISCCART	220.0	30.0	1.2
RE DISCCART	220.0	25.0	1.2
RE DISCCART	220.0	20.0	1.2
RE DISCCART	220.0	17.0	1.2
RE DISCCART	220.0	15.0	1.2
RE DISCCART	220.0	13.0	1.2
RE DISCCART	220.0	11.0	1.2
RE DISCCART	220.0	9.0	1.2
RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
RE DISCCART	220.0	-13.0	1.2
RE DISCCART	220.0	-15.0	1.2
RE DISCCART	220.0	-17.0	1.2
RE DISCCART	220.0	-20.0	1.2
RE DISCCART	220.0	-25.0	1.2
RE DISCCART	220.0	-30.0	1.2
RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
RE DISCCART	230.0	25.0	1.2
RE DISCCART	230.0	20.0	1.2
RE DISCCART	230.0	17.0	1.2

RE DISCCART	230.0	15.0	1.2
RE DISCCART	230.0	13.0	1.2
RE DISCCART	230.0	11.0	1.2
RE DISCCART	230.0	9.0	1.2
RE DISCCART	230.0	-9.0	1.2
RE DISCCART	230.0	-11.0	1.2
RE DISCCART	230.0	-13.0	1.2
RE DISCCART	230.0	-15.0	1.2
RE DISCCART	230.0	-17.0	1.2
RE DISCCART	230.0	-20.0	1.2
RE DISCCART	230.0	-25.0	1.2
RE DISCCART	230.0	-30.0	1.2
RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2



RE DISCCART 240.0 -60.0 1.2  
RE DISCCART 240.0 -70.0 1.2  
RE DISCCART 240.0 -80.0 1.2  
RE DISCCART 240.0 -90.0 1.2  
RE DISCCART 240.0 -100.0 1.2  
RE DISCCART 250.0 100.0 1.2  
RE DISCCART 250.0 90.0 1.2  
RE DISCCART 250.0 80.0 1.2  
RE DISCCART 250.0 70.0 1.2  
RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
RE DISCCART 250.0 17.0 1.2  
RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
RE DISCCART 250.0 11.0 1.2  
RE DISCCART 250.0 9.0 1.2  
RE DISCCART 250.0 -9.0 1.2  
RE DISCCART 250.0 -11.0 1.2  
RE DISCCART 250.0 -13.0 1.2  
RE DISCCART 250.0 -15.0 1.2  
RE DISCCART 250.0 -17.0 1.2  
RE DISCCART 250.0 -20.0 1.2  
RE DISCCART 250.0 -25.0 1.2  
RE DISCCART 250.0 -30.0 1.2  
RE DISCCART 250.0 -40.0 1.2  
RE DISCCART 250.0 -50.0 1.2  
RE DISCCART 250.0 -60.0 1.2  
RE DISCCART 250.0 -70.0 1.2  
RE DISCCART 250.0 -80.0 1.2  
RE DISCCART 250.0 -90.0 1.2  
RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET91300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1991

ME UAIRDATA 9901 1991

ME STARTEND 1991 01 01 1 1991 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\06NCRA-1.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\06NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

NCRA\_S1 NCRA\_S1 ,  
 NCRA\_S2 NCRA\_S2 ,  
 NCRA\_S3 NCRA\_S3 ,  
 NCRA\_S4 NCRA\_S4 ,  
 NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -250.0, 100.0, 0.0, 1.2); ( -250.0, 90.0, 0.0, 1.2);  
 ( -250.0, 80.0, 0.0, 1.2); ( -250.0, 70.0, 0.0, 1.2);  
 ( -250.0, 60.0, 0.0, 1.2); ( -250.0, 50.0, 0.0, 1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound

( -250.0,	40.0,	0.0,	1.2);	( -250.0,	30.0,	0.0,	1.2);
( -250.0,	25.0,	0.0,	1.2);	( -250.0,	20.0,	0.0,	1.2);
( -250.0,	17.0,	0.0,	1.2);	( -250.0,	15.0,	0.0,	1.2);
( -250.0,	13.0,	0.0,	1.2);	( -250.0,	11.0,	0.0,	1.2);
( -250.0,	9.0,	0.0,	1.2);	( -250.0,	-9.0,	0.0,	1.2);
( -250.0,	-11.0,	0.0,	1.2);	( -250.0,	-13.0,	0.0,	1.2);
( -250.0,	-15.0,	0.0,	1.2);	( -250.0,	-17.0,	0.0,	1.2);
( -250.0,	-20.0,	0.0,	1.2);	( -250.0,	-25.0,	0.0,	1.2);
( -250.0,	-30.0,	0.0,	1.2);	( -250.0,	-40.0,	0.0,	1.2);
( -250.0,	-50.0,	0.0,	1.2);	( -250.0,	-60.0,	0.0,	1.2);
( -250.0,	-70.0,	0.0,	1.2);	( -250.0,	-80.0,	0.0,	1.2);
( -250.0,	-90.0,	0.0,	1.2);	( -250.0,	-100.0,	0.0,	1.2);
( -240.0,	100.0,	0.0,	1.2);	( -240.0,	90.0,	0.0,	1.2);
( -240.0,	80.0,	0.0,	1.2);	( -240.0,	70.0,	0.0,	1.2);
( -240.0,	60.0,	0.0,	1.2);	( -240.0,	50.0,	0.0,	1.2);
( -240.0,	40.0,	0.0,	1.2);	( -240.0,	30.0,	0.0,	1.2);
( -240.0,	25.0,	0.0,	1.2);	( -240.0,	20.0,	0.0,	1.2);
( -240.0,	17.0,	0.0,	1.2);	( -240.0,	15.0,	0.0,	1.2);
( -240.0,	13.0,	0.0,	1.2);	( -240.0,	11.0,	0.0,	1.2);
( -240.0,	9.0,	0.0,	1.2);	( -240.0,	-9.0,	0.0,	1.2);
( -240.0,	-11.0,	0.0,	1.2);	( -240.0,	-13.0,	0.0,	1.2);
( -240.0,	-15.0,	0.0,	1.2);	( -240.0,	-17.0,	0.0,	1.2);
( -240.0,	-20.0,	0.0,	1.2);	( -240.0,	-25.0,	0.0,	1.2);
( -240.0,	-30.0,	0.0,	1.2);	( -240.0,	-40.0,	0.0,	1.2);
( -240.0,	-50.0,	0.0,	1.2);	( -240.0,	-60.0,	0.0,	1.2);
( -240.0,	-70.0,	0.0,	1.2);	( -240.0,	-80.0,	0.0,	1.2);
( -240.0,	-90.0,	0.0,	1.2);	( -240.0,	-100.0,	0.0,	1.2);
( -230.0,	100.0,	0.0,	1.2);	( -230.0,	90.0,	0.0,	1.2);
( -230.0,	80.0,	0.0,	1.2);	( -230.0,	70.0,	0.0,	1.2);
( -230.0,	60.0,	0.0,	1.2);	( -230.0,	50.0,	0.0,	1.2);
( -230.0,	40.0,	0.0,	1.2);	( -230.0,	30.0,	0.0,	1.2);
( -230.0,	25.0,	0.0,	1.2);	( -230.0,	20.0,	0.0,	1.2);
( -230.0,	17.0,	0.0,	1.2);	( -230.0,	15.0,	0.0,	1.2);
( -230.0,	13.0,	0.0,	1.2);	( -230.0,	11.0,	0.0,	1.2);
( -230.0,	9.0,	0.0,	1.2);	( -230.0,	-9.0,	0.0,	1.2);
( -230.0,	-11.0,	0.0,	1.2);	( -230.0,	-13.0,	0.0,	1.2);
( -230.0,	-15.0,	0.0,	1.2);	( -230.0,	-17.0,	0.0,	1.2);
( -230.0,	-20.0,	0.0,	1.2);	( -230.0,	-25.0,	0.0,	1.2);
( -230.0,	-30.0,	0.0,	1.2);	( -230.0,	-40.0,	0.0,	1.2);
( -230.0,	-50.0,	0.0,	1.2);	( -230.0,	-60.0,	0.0,	1.2);
( -230.0,	-70.0,	0.0,	1.2);	( -230.0,	-80.0,	0.0,	1.2);
( -230.0,	-90.0,	0.0,	1.2);	( -230.0,	-100.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -220.0, 100.0, 0.0, 1.2);	( -220.0, 90.0, 0.0, 1.2);
( -220.0, 80.0, 0.0, 1.2);	( -220.0, 70.0, 0.0, 1.2);
( -220.0, 60.0, 0.0, 1.2);	( -220.0, 50.0, 0.0, 1.2);
( -220.0, 40.0, 0.0, 1.2);	( -220.0, 30.0, 0.0, 1.2);
( -220.0, 25.0, 0.0, 1.2);	( -220.0, 20.0, 0.0, 1.2);
( -220.0, 17.0, 0.0, 1.2);	( -220.0, 15.0, 0.0, 1.2);
( -220.0, 13.0, 0.0, 1.2);	( -220.0, 11.0, 0.0, 1.2);
( -220.0, 9.0, 0.0, 1.2);	( -220.0, -9.0, 0.0, 1.2);
( -220.0, -11.0, 0.0, 1.2);	( -220.0, -13.0, 0.0, 1.2);
( -220.0, -15.0, 0.0, 1.2);	( -220.0, -17.0, 0.0, 1.2);
( -220.0, -20.0, 0.0, 1.2);	( -220.0, -25.0, 0.0, 1.2);
( -220.0, -30.0, 0.0, 1.2);	( -220.0, -40.0, 0.0, 1.2);
( -220.0, -50.0, 0.0, 1.2);	( -220.0, -60.0, 0.0, 1.2);
( -220.0, -70.0, 0.0, 1.2);	( -220.0, -80.0, 0.0, 1.2);
( -220.0, -90.0, 0.0, 1.2);	( -220.0, -100.0, 0.0, 1.2);
( -210.0, 100.0, 0.0, 1.2);	( -210.0, 90.0, 0.0, 1.2);
( -210.0, 80.0, 0.0, 1.2);	( -210.0, 70.0, 0.0, 1.2);
( -210.0, 60.0, 0.0, 1.2);	( -210.0, 50.0, 0.0, 1.2);
( -210.0, 40.0, 0.0, 1.2);	( -210.0, 30.0, 0.0, 1.2);
( -210.0, 25.0, 0.0, 1.2);	( -210.0, 20.0, 0.0, 1.2);
( -210.0, 17.0, 0.0, 1.2);	( -210.0, 15.0, 0.0, 1.2);
( -210.0, 13.0, 0.0, 1.2);	( -210.0, 11.0, 0.0, 1.2);
( -210.0, 9.0, 0.0, 1.2);	( -210.0, -9.0, 0.0, 1.2);
( -210.0, -11.0, 0.0, 1.2);	( -210.0, -13.0, 0.0, 1.2);
( -210.0, -15.0, 0.0, 1.2);	( -210.0, -17.0, 0.0, 1.2);
( -210.0, -20.0, 0.0, 1.2);	( -210.0, -25.0, 0.0, 1.2);
( -210.0, -30.0, 0.0, 1.2);	( -210.0, -40.0, 0.0, 1.2);
( -210.0, -50.0, 0.0, 1.2);	( -210.0, -60.0, 0.0, 1.2);
( -210.0, -70.0, 0.0, 1.2);	( -210.0, -80.0, 0.0, 1.2);
( -210.0, -90.0, 0.0, 1.2);	( -210.0, -100.0, 0.0, 1.2);
( -200.0, 100.0, 0.0, 1.2);	( -200.0, 90.0, 0.0, 1.2);
( -200.0, 80.0, 0.0, 1.2);	( -200.0, 70.0, 0.0, 1.2);
( -200.0, 60.0, 0.0, 1.2);	( -200.0, 50.0, 0.0, 1.2);
( -200.0, 40.0, 0.0, 1.2);	( -200.0, 30.0, 0.0, 1.2);
( -200.0, 25.0, 0.0, 1.2);	( -200.0, 20.0, 0.0, 1.2);
( -200.0, 17.0, 0.0, 1.2);	( -200.0, 15.0, 0.0, 1.2);
( -200.0, 13.0, 0.0, 1.2);	( -200.0, 11.0, 0.0, 1.2);
( -200.0, 9.0, 0.0, 1.2);	( -200.0, -9.0, 0.0, 1.2);
( -200.0, -11.0, 0.0, 1.2);	( -200.0, -13.0, 0.0, 1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( -200.0,	-15.0,	0.0,	1.2);	( -200.0,	-17.0,	0.0,	1.2);
( -200.0,	-20.0,	0.0,	1.2);	( -200.0,	-25.0,	0.0,	1.2);
( -200.0,	-30.0,	0.0,	1.2);	( -200.0,	-40.0,	0.0,	1.2);
( -200.0,	-50.0,	0.0,	1.2);	( -200.0,	-60.0,	0.0,	1.2);
( -200.0,	-70.0,	0.0,	1.2);	( -200.0,	-80.0,	0.0,	1.2);
( -200.0,	-90.0,	0.0,	1.2);	( -200.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -190.0,	100.0,	0.0,	1.2);	( -190.0,	90.0,	0.0,	1.2);
( -190.0,	80.0,	0.0,	1.2);	( -190.0,	70.0,	0.0,	1.2);
( -190.0,	60.0,	0.0,	1.2);	( -190.0,	50.0,	0.0,	1.2);
( -190.0,	40.0,	0.0,	1.2);	( -190.0,	30.0,	0.0,	1.2);
( -190.0,	25.0,	0.0,	1.2);	( -190.0,	20.0,	0.0,	1.2);
( -190.0,	17.0,	0.0,	1.2);	( -190.0,	15.0,	0.0,	1.2);
( -190.0,	13.0,	0.0,	1.2);	( -190.0,	11.0,	0.0,	1.2);
( -190.0,	9.0,	0.0,	1.2);	( -190.0,	-9.0,	0.0,	1.2);
( -190.0,	-11.0,	0.0,	1.2);	( -190.0,	-13.0,	0.0,	1.2);
( -190.0,	-15.0,	0.0,	1.2);	( -190.0,	-17.0,	0.0,	1.2);
( -190.0,	-20.0,	0.0,	1.2);	( -190.0,	-25.0,	0.0,	1.2);
( -190.0,	-30.0,	0.0,	1.2);	( -190.0,	-40.0,	0.0,	1.2);
( -190.0,	-50.0,	0.0,	1.2);	( -190.0,	-60.0,	0.0,	1.2);
( -190.0,	-70.0,	0.0,	1.2);	( -190.0,	-80.0,	0.0,	1.2);
( -190.0,	-90.0,	0.0,	1.2);	( -190.0,	-100.0,	0.0,	1.2);
( -180.0,	100.0,	0.0,	1.2);	( -180.0,	90.0,	0.0,	1.2);
( -180.0,	80.0,	0.0,	1.2);	( -180.0,	70.0,	0.0,	1.2);
( -180.0,	60.0,	0.0,	1.2);	( -180.0,	50.0,	0.0,	1.2);
( -180.0,	40.0,	0.0,	1.2);	( -180.0,	30.0,	0.0,	1.2);
( -180.0,	25.0,	0.0,	1.2);	( -180.0,	20.0,	0.0,	1.2);
( -180.0,	17.0,	0.0,	1.2);	( -180.0,	15.0,	0.0,	1.2);
( -180.0,	13.0,	0.0,	1.2);	( -180.0,	11.0,	0.0,	1.2);
( -180.0,	9.0,	0.0,	1.2);	( -180.0,	-9.0,	0.0,	1.2);
( -180.0,	-11.0,	0.0,	1.2);	( -180.0,	-13.0,	0.0,	1.2);
( -180.0,	-15.0,	0.0,	1.2);	( -180.0,	-17.0,	0.0,	1.2);
( -180.0,	-20.0,	0.0,	1.2);	( -180.0,	-25.0,	0.0,	1.2);
( -180.0,	-30.0,	0.0,	1.2);	( -180.0,	-40.0,	0.0,	1.2);
( -180.0,	-50.0,	0.0,	1.2);	( -180.0,	-60.0,	0.0,	1.2);
( -180.0,	-70.0,	0.0,	1.2);	( -180.0,	-80.0,	0.0,	1.2);
( -180.0,	-90.0,	0.0,	1.2);	( -180.0,	-100.0,	0.0,	1.2);
( -170.0,	100.0,	0.0,	1.2);	( -170.0,	90.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound

( -170.0,	80.0,	0.0,	1.2);	( -170.0,	70.0,	0.0,	1.2);
( -170.0,	60.0,	0.0,	1.2);	( -170.0,	50.0,	0.0,	1.2);
( -170.0,	40.0,	0.0,	1.2);	( -170.0,	30.0,	0.0,	1.2);
( -170.0,	25.0,	0.0,	1.2);	( -170.0,	20.0,	0.0,	1.2);
( -170.0,	17.0,	0.0,	1.2);	( -170.0,	15.0,	0.0,	1.2);
( -170.0,	13.0,	0.0,	1.2);	( -170.0,	11.0,	0.0,	1.2);
( -170.0,	9.0,	0.0,	1.2);	( -170.0,	-9.0,	0.0,	1.2);
( -170.0,	-11.0,	0.0,	1.2);	( -170.0,	-13.0,	0.0,	1.2);
( -170.0,	-15.0,	0.0,	1.2);	( -170.0,	-17.0,	0.0,	1.2);
( -170.0,	-20.0,	0.0,	1.2);	( -170.0,	-25.0,	0.0,	1.2);
( -170.0,	-30.0,	0.0,	1.2);	( -170.0,	-40.0,	0.0,	1.2);
( -170.0,	-50.0,	0.0,	1.2);	( -170.0,	-60.0,	0.0,	1.2);
( -170.0,	-70.0,	0.0,	1.2);	( -170.0,	-80.0,	0.0,	1.2);
( -170.0,	-90.0,	0.0,	1.2);	( -170.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -160.0,	100.0,	0.0,	1.2);	( -160.0,	90.0,	0.0,	1.2);
( -160.0,	80.0,	0.0,	1.2);	( -160.0,	70.0,	0.0,	1.2);
( -160.0,	60.0,	0.0,	1.2);	( -160.0,	50.0,	0.0,	1.2);
( -160.0,	40.0,	0.0,	1.2);	( -160.0,	30.0,	0.0,	1.2);
( -160.0,	25.0,	0.0,	1.2);	( -160.0,	20.0,	0.0,	1.2);
( -160.0,	17.0,	0.0,	1.2);	( -160.0,	15.0,	0.0,	1.2);
( -160.0,	13.0,	0.0,	1.2);	( -160.0,	11.0,	0.0,	1.2);
( -160.0,	9.0,	0.0,	1.2);	( -160.0,	-9.0,	0.0,	1.2);
( -160.0,	-11.0,	0.0,	1.2);	( -160.0,	-13.0,	0.0,	1.2);
( -160.0,	-15.0,	0.0,	1.2);	( -160.0,	-17.0,	0.0,	1.2);
( -160.0,	-20.0,	0.0,	1.2);	( -160.0,	-25.0,	0.0,	1.2);
( -160.0,	-30.0,	0.0,	1.2);	( -160.0,	-40.0,	0.0,	1.2);
( -160.0,	-50.0,	0.0,	1.2);	( -160.0,	-60.0,	0.0,	1.2);
( -160.0,	-70.0,	0.0,	1.2);	( -160.0,	-80.0,	0.0,	1.2);
( -160.0,	-90.0,	0.0,	1.2);	( -160.0,	-100.0,	0.0,	1.2);
( -150.0,	100.0,	0.0,	1.2);	( -150.0,	90.0,	0.0,	1.2);
( -150.0,	80.0,	0.0,	1.2);	( -150.0,	70.0,	0.0,	1.2);
( -150.0,	60.0,	0.0,	1.2);	( -150.0,	50.0,	0.0,	1.2);
( -150.0,	40.0,	0.0,	1.2);	( -150.0,	30.0,	0.0,	1.2);
( -150.0,	25.0,	0.0,	1.2);	( -150.0,	20.0,	0.0,	1.2);
( -150.0,	17.0,	0.0,	1.2);	( -150.0,	15.0,	0.0,	1.2);
( -150.0,	13.0,	0.0,	1.2);	( -150.0,	11.0,	0.0,	1.2);
( -150.0,	9.0,	0.0,	1.2);	( -150.0,	-9.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound

( -150.0,	-11.0,	0.0,	1.2);	( -150.0,	-13.0,	0.0,	1.2);
( -150.0,	-15.0,	0.0,	1.2);	( -150.0,	-17.0,	0.0,	1.2);
( -150.0,	-20.0,	0.0,	1.2);	( -150.0,	-25.0,	0.0,	1.2);
( -150.0,	-30.0,	0.0,	1.2);	( -150.0,	-40.0,	0.0,	1.2);
( -150.0,	-50.0,	0.0,	1.2);	( -150.0,	-60.0,	0.0,	1.2);
( -150.0,	-70.0,	0.0,	1.2);	( -150.0,	-80.0,	0.0,	1.2);
( -150.0,	-90.0,	0.0,	1.2);	( -150.0,	-100.0,	0.0,	1.2);
( -140.0,	100.0,	0.0,	1.2);	( -140.0,	90.0,	0.0,	1.2);
( -140.0,	80.0,	0.0,	1.2);	( -140.0,	70.0,	0.0,	1.2);
( -140.0,	60.0,	0.0,	1.2);	( -140.0,	50.0,	0.0,	1.2);
( -140.0,	40.0,	0.0,	1.2);	( -140.0,	30.0,	0.0,	1.2);
( -140.0,	25.0,	0.0,	1.2);	( -140.0,	20.0,	0.0,	1.2);
( -140.0,	17.0,	0.0,	1.2);	( -140.0,	15.0,	0.0,	1.2);
( -140.0,	13.0,	0.0,	1.2);	( -140.0,	11.0,	0.0,	1.2);
( -140.0,	9.0,	0.0,	1.2);	( -140.0,	-9.0,	0.0,	1.2);
( -140.0,	-11.0,	0.0,	1.2);	( -140.0,	-13.0,	0.0,	1.2);
( -140.0,	-15.0,	0.0,	1.2);	( -140.0,	-17.0,	0.0,	1.2);
( -140.0,	-20.0,	0.0,	1.2);	( -140.0,	-25.0,	0.0,	1.2);
( -140.0,	-30.0,	0.0,	1.2);	( -140.0,	-40.0,	0.0,	1.2);
( -140.0,	-50.0,	0.0,	1.2);	( -140.0,	-60.0,	0.0,	1.2);
( -140.0,	-70.0,	0.0,	1.2);	( -140.0,	-80.0,	0.0,	1.2);
( -140.0,	-90.0,	0.0,	1.2);	( -140.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -130.0,	100.0,	0.0,	1.2);	( -130.0,	90.0,	0.0,	1.2);
( -130.0,	80.0,	0.0,	1.2);	( -130.0,	70.0,	0.0,	1.2);
( -130.0,	60.0,	0.0,	1.2);	( -130.0,	50.0,	0.0,	1.2);
( -130.0,	40.0,	0.0,	1.2);	( -130.0,	30.0,	0.0,	1.2);
( -130.0,	25.0,	0.0,	1.2);	( -130.0,	20.0,	0.0,	1.2);
( -130.0,	17.0,	0.0,	1.2);	( -130.0,	15.0,	0.0,	1.2);
( -130.0,	13.0,	0.0,	1.2);	( -130.0,	11.0,	0.0,	1.2);
( -130.0,	9.0,	0.0,	1.2);	( -130.0,	-9.0,	0.0,	1.2);
( -130.0,	-11.0,	0.0,	1.2);	( -130.0,	-13.0,	0.0,	1.2);
( -130.0,	-15.0,	0.0,	1.2);	( -130.0,	-17.0,	0.0,	1.2);
( -130.0,	-20.0,	0.0,	1.2);	( -130.0,	-25.0,	0.0,	1.2);
( -130.0,	-30.0,	0.0,	1.2);	( -130.0,	-40.0,	0.0,	1.2);
( -130.0,	-50.0,	0.0,	1.2);	( -130.0,	-60.0,	0.0,	1.2);
( -130.0,	-70.0,	0.0,	1.2);	( -130.0,	-80.0,	0.0,	1.2);
( -130.0,	-90.0,	0.0,	1.2);	( -130.0,	-100.0,	0.0,	1.2);



06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound

( -120.0,	100.0,	0.0,	1.2);	( -120.0,	90.0,	0.0,	1.2);
( -120.0,	80.0,	0.0,	1.2);	( -120.0,	70.0,	0.0,	1.2);
( -120.0,	60.0,	0.0,	1.2);	( -120.0,	50.0,	0.0,	1.2);
( -120.0,	40.0,	0.0,	1.2);	( -120.0,	30.0,	0.0,	1.2);
( -120.0,	25.0,	0.0,	1.2);	( -120.0,	20.0,	0.0,	1.2);
( -120.0,	17.0,	0.0,	1.2);	( -120.0,	15.0,	0.0,	1.2);
( -120.0,	13.0,	0.0,	1.2);	( -120.0,	11.0,	0.0,	1.2);
( -120.0,	9.0,	0.0,	1.2);	( -120.0,	-9.0,	0.0,	1.2);
( -120.0,	-11.0,	0.0,	1.2);	( -120.0,	-13.0,	0.0,	1.2);
( -120.0,	-15.0,	0.0,	1.2);	( -120.0,	-17.0,	0.0,	1.2);
( -120.0,	-20.0,	0.0,	1.2);	( -120.0,	-25.0,	0.0,	1.2);
( -120.0,	-30.0,	0.0,	1.2);	( -120.0,	-40.0,	0.0,	1.2);
( -120.0,	-50.0,	0.0,	1.2);	( -120.0,	-60.0,	0.0,	1.2);
( -120.0,	-70.0,	0.0,	1.2);	( -120.0,	-80.0,	0.0,	1.2);
( -120.0,	-90.0,	0.0,	1.2);	( -120.0,	-100.0,	0.0,	1.2);
( -110.0,	100.0,	0.0,	1.2);	( -110.0,	90.0,	0.0,	1.2);
( -110.0,	80.0,	0.0,	1.2);	( -110.0,	70.0,	0.0,	1.2);
( -110.0,	60.0,	0.0,	1.2);	( -110.0,	50.0,	0.0,	1.2);
( -110.0,	40.0,	0.0,	1.2);	( -110.0,	30.0,	0.0,	1.2);
( -110.0,	25.0,	0.0,	1.2);	( -110.0,	20.0,	0.0,	1.2);
( -110.0,	17.0,	0.0,	1.2);	( -110.0,	15.0,	0.0,	1.2);
( -110.0,	13.0,	0.0,	1.2);	( -110.0,	11.0,	0.0,	1.2);
( -110.0,	9.0,	0.0,	1.2);	( -110.0,	-9.0,	0.0,	1.2);
( -110.0,	-11.0,	0.0,	1.2);	( -110.0,	-13.0,	0.0,	1.2);
( -110.0,	-15.0,	0.0,	1.2);	( -110.0,	-17.0,	0.0,	1.2);
( -110.0,	-20.0,	0.0,	1.2);	( -110.0,	-25.0,	0.0,	1.2);
( -110.0,	-30.0,	0.0,	1.2);	( -110.0,	-40.0,	0.0,	1.2);
( -110.0,	-50.0,	0.0,	1.2);	( -110.0,	-60.0,	0.0,	1.2);
( -110.0,	-70.0,	0.0,	1.2);	( -110.0,	-80.0,	0.0,	1.2);
( -110.0,	-90.0,	0.0,	1.2);	( -110.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 9

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	100.0,	0.0,	1.2);	( -100.0,	90.0,	0.0,	1.2);
( -100.0,	80.0,	0.0,	1.2);	( -100.0,	70.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -100.0,	50.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -100.0,	30.0,	0.0,	1.2);
( -100.0,	25.0,	0.0,	1.2);	( -100.0,	20.0,	0.0,	1.2);
( -100.0,	17.0,	0.0,	1.2);	( -100.0,	15.0,	0.0,	1.2);
( -100.0,	13.0,	0.0,	1.2);	( -100.0,	11.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( -100.0,	9.0,	0.0,	1.2);	( -100.0,	-9.0,	0.0,	1.2);
( -100.0,	-11.0,	0.0,	1.2);	( -100.0,	-13.0,	0.0,	1.2);
( -100.0,	-15.0,	0.0,	1.2);	( -100.0,	-17.0,	0.0,	1.2);
( -100.0,	-20.0,	0.0,	1.2);	( -100.0,	-25.0,	0.0,	1.2);
( -100.0,	-30.0,	0.0,	1.2);	( -100.0,	-40.0,	0.0,	1.2);
( -100.0,	-50.0,	0.0,	1.2);	( -100.0,	-60.0,	0.0,	1.2);
( -100.0,	-70.0,	0.0,	1.2);	( -100.0,	-80.0,	0.0,	1.2);
( -100.0,	-90.0,	0.0,	1.2);	( -100.0,	-100.0,	0.0,	1.2);
( -90.0,	100.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -90.0,	80.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -90.0,	60.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -90.0,	40.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -90.0,	25.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -90.0,	17.0,	0.0,	1.2);	( -90.0,	15.0,	0.0,	1.2);
( -90.0,	13.0,	0.0,	1.2);	( -90.0,	11.0,	0.0,	1.2);
( -90.0,	9.0,	0.0,	1.2);	( -90.0,	-9.0,	0.0,	1.2);
( -90.0,	-11.0,	0.0,	1.2);	( -90.0,	-13.0,	0.0,	1.2);
( -90.0,	-15.0,	0.0,	1.2);	( -90.0,	-17.0,	0.0,	1.2);
( -90.0,	-20.0,	0.0,	1.2);	( -90.0,	-25.0,	0.0,	1.2);
( -90.0,	-30.0,	0.0,	1.2);	( -90.0,	-40.0,	0.0,	1.2);
( -90.0,	-50.0,	0.0,	1.2);	( -90.0,	-60.0,	0.0,	1.2);
( -90.0,	-70.0,	0.0,	1.2);	( -90.0,	-80.0,	0.0,	1.2);
( -90.0,	-90.0,	0.0,	1.2);	( -90.0,	-100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -80.0,	90.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -80.0,	70.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -80.0,	50.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -80.0,	30.0,	0.0,	1.2);
( -80.0,	25.0,	0.0,	1.2);	( -80.0,	20.0,	0.0,	1.2);
( -80.0,	17.0,	0.0,	1.2);	( -80.0,	15.0,	0.0,	1.2);
( -80.0,	13.0,	0.0,	1.2);	( -80.0,	11.0,	0.0,	1.2);
( -80.0,	9.0,	0.0,	1.2);	( -80.0,	-9.0,	0.0,	1.2);
( -80.0,	-11.0,	0.0,	1.2);	( -80.0,	-13.0,	0.0,	1.2);
( -80.0,	-15.0,	0.0,	1.2);	( -80.0,	-17.0,	0.0,	1.2);
( -80.0,	-20.0,	0.0,	1.2);	( -80.0,	-25.0,	0.0,	1.2);
( -80.0,	-30.0,	0.0,	1.2);	( -80.0,	-40.0,	0.0,	1.2);
( -80.0,	-50.0,	0.0,	1.2);	( -80.0,	-60.0,	0.0,	1.2);
( -80.0,	-70.0,	0.0,	1.2);	( -80.0,	-80.0,	0.0,	1.2);
( -80.0,	-90.0,	0.0,	1.2);	( -80.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

( -70.0, 100.0, 0.0, 1.2);	( -70.0, 90.0, 0.0, 1.2);
( -70.0, 80.0, 0.0, 1.2);	( -70.0, 70.0, 0.0, 1.2);
( -70.0, 60.0, 0.0, 1.2);	( -70.0, 50.0, 0.0, 1.2);
( -70.0, 40.0, 0.0, 1.2);	( -70.0, 30.0, 0.0, 1.2);
( -70.0, 25.0, 0.0, 1.2);	( -70.0, 20.0, 0.0, 1.2);
( -70.0, 17.0, 0.0, 1.2);	( -70.0, 15.0, 0.0, 1.2);
( -70.0, 13.0, 0.0, 1.2);	( -70.0, 11.0, 0.0, 1.2);
( -70.0, 9.0, 0.0, 1.2);	( -70.0, -9.0, 0.0, 1.2);
( -70.0, -11.0, 0.0, 1.2);	( -70.0, -13.0, 0.0, 1.2);
( -70.0, -15.0, 0.0, 1.2);	( -70.0, -17.0, 0.0, 1.2);
( -70.0, -20.0, 0.0, 1.2);	( -70.0, -25.0, 0.0, 1.2);
( -70.0, -30.0, 0.0, 1.2);	( -70.0, -40.0, 0.0, 1.2);
( -70.0, -50.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -70.0, -70.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -70.0, -90.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, 100.0, 0.0, 1.2);	( -60.0, 90.0, 0.0, 1.2);
( -60.0, 80.0, 0.0, 1.2);	( -60.0, 70.0, 0.0, 1.2);
( -60.0, 60.0, 0.0, 1.2);	( -60.0, 50.0, 0.0, 1.2);
( -60.0, 40.0, 0.0, 1.2);	( -60.0, 30.0, 0.0, 1.2);
( -60.0, 25.0, 0.0, 1.2);	( -60.0, 20.0, 0.0, 1.2);
( -60.0, 17.0, 0.0, 1.2);	( -60.0, 15.0, 0.0, 1.2);
( -60.0, 13.0, 0.0, 1.2);	( -60.0, 11.0, 0.0, 1.2);
( -60.0, 9.0, 0.0, 1.2);	( -60.0, -9.0, 0.0, 1.2);
( -60.0, -11.0, 0.0, 1.2);	( -60.0, -13.0, 0.0, 1.2);
( -60.0, -15.0, 0.0, 1.2);	( -60.0, -17.0, 0.0, 1.2);
( -60.0, -20.0, 0.0, 1.2);	( -60.0, -25.0, 0.0, 1.2);
( -60.0, -30.0, 0.0, 1.2);	( -60.0, -40.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -60.0, -60.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -60.0, -80.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -60.0, -100.0, 0.0, 1.2);
( -50.0, 100.0, 0.0, 1.2);	( -50.0, 90.0, 0.0, 1.2);
( -50.0, 80.0, 0.0, 1.2);	( -50.0, 70.0, 0.0, 1.2);
( -50.0, 60.0, 0.0, 1.2);	( -50.0, 50.0, 0.0, 1.2);
( -50.0, 40.0, 0.0, 1.2);	( -50.0, 30.0, 0.0, 1.2);
( -50.0, 25.0, 0.0, 1.2);	( -50.0, 20.0, 0.0, 1.2);
( -50.0, 17.0, 0.0, 1.2);	( -50.0, 15.0, 0.0, 1.2);
( -50.0, 13.0, 0.0, 1.2);	( -50.0, 11.0, 0.0, 1.2);
( -50.0, 9.0, 0.0, 1.2);	( -50.0, -9.0, 0.0, 1.2);
( -50.0, -11.0, 0.0, 1.2);	( -50.0, -13.0, 0.0, 1.2);
( -50.0, -15.0, 0.0, 1.2);	( -50.0, -17.0, 0.0, 1.2);
( -50.0, -20.0, 0.0, 1.2);	( -50.0, -25.0, 0.0, 1.2);
( -50.0, -30.0, 0.0, 1.2);	( -50.0, -40.0, 0.0, 1.2);
( -50.0, -50.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( -50.0, -70.0, 0.0, 1.2); ( -50.0, -80.0, 0.0, 1.2);  
( -50.0, -90.0, 0.0, 1.2); ( -50.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\*  
\*\*\*

10:24:40  
\*\*MODELOPTs:  
PAGE 11  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -40.0, 100.0, 0.0, 1.2); ( -40.0, 90.0, 0.0, 1.2);  
( -40.0, 80.0, 0.0, 1.2); ( -40.0, 70.0, 0.0, 1.2);  
( -40.0, 60.0, 0.0, 1.2); ( -40.0, 50.0, 0.0, 1.2);  
( -40.0, 40.0, 0.0, 1.2); ( -40.0, 30.0, 0.0, 1.2);  
( -40.0, 25.0, 0.0, 1.2); ( -40.0, 20.0, 0.0, 1.2);  
( -40.0, 17.0, 0.0, 1.2); ( -40.0, 15.0, 0.0, 1.2);  
( -40.0, 13.0, 0.0, 1.2); ( -40.0, 11.0, 0.0, 1.2);  
( -40.0, 9.0, 0.0, 1.2); ( -40.0, -9.0, 0.0, 1.2);  
( -40.0, -11.0, 0.0, 1.2); ( -40.0, -13.0, 0.0, 1.2);  
( -40.0, -15.0, 0.0, 1.2); ( -40.0, -17.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -40.0, -25.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -40.0, -40.0, 0.0, 1.2);  
( -40.0, -50.0, 0.0, 1.2); ( -40.0, -60.0, 0.0, 1.2);  
( -40.0, -70.0, 0.0, 1.2); ( -40.0, -80.0, 0.0, 1.2);  
( -40.0, -90.0, 0.0, 1.2); ( -40.0, -100.0, 0.0, 1.2);  
( -30.0, 100.0, 0.0, 1.2); ( -30.0, 90.0, 0.0, 1.2);  
( -30.0, 80.0, 0.0, 1.2); ( -30.0, 70.0, 0.0, 1.2);  
( -30.0, 60.0, 0.0, 1.2); ( -30.0, 50.0, 0.0, 1.2);  
( -30.0, 40.0, 0.0, 1.2); ( -30.0, 30.0, 0.0, 1.2);  
( -30.0, 25.0, 0.0, 1.2); ( -30.0, 20.0, 0.0, 1.2);  
( -30.0, 17.0, 0.0, 1.2); ( -30.0, 15.0, 0.0, 1.2);  
( -30.0, 13.0, 0.0, 1.2); ( -30.0, 11.0, 0.0, 1.2);  
( -30.0, 9.0, 0.0, 1.2); ( -30.0, -9.0, 0.0, 1.2);  
( -30.0, -11.0, 0.0, 1.2); ( -30.0, -13.0, 0.0, 1.2);  
( -30.0, -15.0, 0.0, 1.2); ( -30.0, -17.0, 0.0, 1.2);  
( -30.0, -20.0, 0.0, 1.2); ( -30.0, -25.0, 0.0, 1.2);  
( -30.0, -30.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -30.0, -50.0, 0.0, 1.2); ( -30.0, -60.0, 0.0, 1.2);  
( -30.0, -70.0, 0.0, 1.2); ( -30.0, -80.0, 0.0, 1.2);  
( -30.0, -90.0, 0.0, 1.2); ( -30.0, -100.0, 0.0, 1.2);  
( -20.0, 100.0, 0.0, 1.2); ( -20.0, 90.0, 0.0, 1.2);  
( -20.0, 80.0, 0.0, 1.2); ( -20.0, 70.0, 0.0, 1.2);  
( -20.0, 60.0, 0.0, 1.2); ( -20.0, 50.0, 0.0, 1.2);  
( -20.0, 40.0, 0.0, 1.2); ( -20.0, 30.0, 0.0, 1.2);  
( -20.0, 25.0, 0.0, 1.2); ( -20.0, 20.0, 0.0, 1.2);



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

(	0.0,	-50.0,	0.0,	1.2);	(	0.0,	-60.0,	0.0,	1.2);
(	0.0,	-70.0,	0.0,	1.2);	(	0.0,	-80.0,	0.0,	1.2);
(	0.0,	-90.0,	0.0,	1.2);	(	0.0,	-100.0,	0.0,	1.2);
(	10.0,	100.0,	0.0,	1.2);	(	10.0,	90.0,	0.0,	1.2);
(	10.0,	80.0,	0.0,	1.2);	(	10.0,	70.0,	0.0,	1.2);
(	10.0,	60.0,	0.0,	1.2);	(	10.0,	50.0,	0.0,	1.2);
(	10.0,	40.0,	0.0,	1.2);	(	10.0,	30.0,	0.0,	1.2);
(	10.0,	25.0,	0.0,	1.2);	(	10.0,	20.0,	0.0,	1.2);
(	10.0,	17.0,	0.0,	1.2);	(	10.0,	15.0,	0.0,	1.2);
(	10.0,	13.0,	0.0,	1.2);	(	10.0,	11.0,	0.0,	1.2);
(	10.0,	9.0,	0.0,	1.2);	(	10.0,	-9.0,	0.0,	1.2);
(	10.0,	-11.0,	0.0,	1.2);	(	10.0,	-13.0,	0.0,	1.2);
(	10.0,	-15.0,	0.0,	1.2);	(	10.0,	-17.0,	0.0,	1.2);
(	10.0,	-20.0,	0.0,	1.2);	(	10.0,	-25.0,	0.0,	1.2);
(	10.0,	-30.0,	0.0,	1.2);	(	10.0,	-40.0,	0.0,	1.2);
(	10.0,	-50.0,	0.0,	1.2);	(	10.0,	-60.0,	0.0,	1.2);
(	10.0,	-70.0,	0.0,	1.2);	(	10.0,	-80.0,	0.0,	1.2);
(	10.0,	-90.0,	0.0,	1.2);	(	10.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

(	20.0,	100.0,	0.0,	1.2);	(	20.0,	90.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	20.0,	70.0,	0.0,	1.2);
(	20.0,	60.0,	0.0,	1.2);	(	20.0,	50.0,	0.0,	1.2);
(	20.0,	40.0,	0.0,	1.2);	(	20.0,	30.0,	0.0,	1.2);
(	20.0,	25.0,	0.0,	1.2);	(	20.0,	20.0,	0.0,	1.2);
(	20.0,	17.0,	0.0,	1.2);	(	20.0,	15.0,	0.0,	1.2);
(	20.0,	13.0,	0.0,	1.2);	(	20.0,	11.0,	0.0,	1.2);
(	20.0,	9.0,	0.0,	1.2);	(	20.0,	-9.0,	0.0,	1.2);
(	20.0,	-11.0,	0.0,	1.2);	(	20.0,	-13.0,	0.0,	1.2);
(	20.0,	-15.0,	0.0,	1.2);	(	20.0,	-17.0,	0.0,	1.2);
(	20.0,	-20.0,	0.0,	1.2);	(	20.0,	-25.0,	0.0,	1.2);
(	20.0,	-30.0,	0.0,	1.2);	(	20.0,	-40.0,	0.0,	1.2);
(	20.0,	-50.0,	0.0,	1.2);	(	20.0,	-60.0,	0.0,	1.2);
(	20.0,	-70.0,	0.0,	1.2);	(	20.0,	-80.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	20.0,	-100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	30.0,	90.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	30.0,	70.0,	0.0,	1.2);
(	30.0,	60.0,	0.0,	1.2);	(	30.0,	50.0,	0.0,	1.2);
(	30.0,	40.0,	0.0,	1.2);	(	30.0,	30.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);
( 30.0, 17.0, 0.0, 1.2);	( 30.0, 15.0, 0.0, 1.2);
( 30.0, 13.0, 0.0, 1.2);	( 30.0, 11.0, 0.0, 1.2);
( 30.0, 9.0, 0.0, 1.2);	( 30.0, -9.0, 0.0, 1.2);
( 30.0, -11.0, 0.0, 1.2);	( 30.0, -13.0, 0.0, 1.2);
( 30.0, -15.0, 0.0, 1.2);	( 30.0, -17.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2);	( 30.0, -25.0, 0.0, 1.2);
( 30.0, -30.0, 0.0, 1.2);	( 30.0, -40.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 30.0, -60.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 30.0, -80.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 30.0, -100.0, 0.0, 1.2);
( 40.0, 100.0, 0.0, 1.2);	( 40.0, 90.0, 0.0, 1.2);
( 40.0, 80.0, 0.0, 1.2);	( 40.0, 70.0, 0.0, 1.2);
( 40.0, 60.0, 0.0, 1.2);	( 40.0, 50.0, 0.0, 1.2);
( 40.0, 40.0, 0.0, 1.2);	( 40.0, 30.0, 0.0, 1.2);
( 40.0, 25.0, 0.0, 1.2);	( 40.0, 20.0, 0.0, 1.2);
( 40.0, 17.0, 0.0, 1.2);	( 40.0, 15.0, 0.0, 1.2);
( 40.0, 13.0, 0.0, 1.2);	( 40.0, 11.0, 0.0, 1.2);
( 40.0, 9.0, 0.0, 1.2);	( 40.0, -9.0, 0.0, 1.2);
( 40.0, -11.0, 0.0, 1.2);	( 40.0, -13.0, 0.0, 1.2);
( 40.0, -15.0, 0.0, 1.2);	( 40.0, -17.0, 0.0, 1.2);
( 40.0, -20.0, 0.0, 1.2);	( 40.0, -25.0, 0.0, 1.2);
( 40.0, -30.0, 0.0, 1.2);	( 40.0, -40.0, 0.0, 1.2);
( 40.0, -50.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 40.0, -70.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 40.0, -90.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 50.0, 100.0, 0.0, 1.2);	( 50.0, 90.0, 0.0, 1.2);
( 50.0, 80.0, 0.0, 1.2);	( 50.0, 70.0, 0.0, 1.2);
( 50.0, 60.0, 0.0, 1.2);	( 50.0, 50.0, 0.0, 1.2);
( 50.0, 40.0, 0.0, 1.2);	( 50.0, 30.0, 0.0, 1.2);
( 50.0, 25.0, 0.0, 1.2);	( 50.0, 20.0, 0.0, 1.2);
( 50.0, 17.0, 0.0, 1.2);	( 50.0, 15.0, 0.0, 1.2);
( 50.0, 13.0, 0.0, 1.2);	( 50.0, 11.0, 0.0, 1.2);
( 50.0, 9.0, 0.0, 1.2);	( 50.0, -9.0, 0.0, 1.2);
( 50.0, -11.0, 0.0, 1.2);	( 50.0, -13.0, 0.0, 1.2);
( 50.0, -15.0, 0.0, 1.2);	( 50.0, -17.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2);	( 50.0, -25.0, 0.0, 1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 50.0, -60.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 50.0, -80.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 50.0, -100.0, 0.0, 1.2);
( 60.0, 100.0, 0.0, 1.2);	( 60.0, 90.0, 0.0, 1.2);
( 60.0, 80.0, 0.0, 1.2);	( 60.0, 70.0, 0.0, 1.2);
( 60.0, 60.0, 0.0, 1.2);	( 60.0, 50.0, 0.0, 1.2);
( 60.0, 40.0, 0.0, 1.2);	( 60.0, 30.0, 0.0, 1.2);
( 60.0, 25.0, 0.0, 1.2);	( 60.0, 20.0, 0.0, 1.2);
( 60.0, 17.0, 0.0, 1.2);	( 60.0, 15.0, 0.0, 1.2);
( 60.0, 13.0, 0.0, 1.2);	( 60.0, 11.0, 0.0, 1.2);
( 60.0, 9.0, 0.0, 1.2);	( 60.0, -9.0, 0.0, 1.2);
( 60.0, -11.0, 0.0, 1.2);	( 60.0, -13.0, 0.0, 1.2);
( 60.0, -15.0, 0.0, 1.2);	( 60.0, -17.0, 0.0, 1.2);
( 60.0, -20.0, 0.0, 1.2);	( 60.0, -25.0, 0.0, 1.2);
( 60.0, -30.0, 0.0, 1.2);	( 60.0, -40.0, 0.0, 1.2);
( 60.0, -50.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 60.0, -70.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 60.0, -90.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, 100.0, 0.0, 1.2);	( 70.0, 90.0, 0.0, 1.2);
( 70.0, 80.0, 0.0, 1.2);	( 70.0, 70.0, 0.0, 1.2);
( 70.0, 60.0, 0.0, 1.2);	( 70.0, 50.0, 0.0, 1.2);
( 70.0, 40.0, 0.0, 1.2);	( 70.0, 30.0, 0.0, 1.2);
( 70.0, 25.0, 0.0, 1.2);	( 70.0, 20.0, 0.0, 1.2);
( 70.0, 17.0, 0.0, 1.2);	( 70.0, 15.0, 0.0, 1.2);
( 70.0, 13.0, 0.0, 1.2);	( 70.0, 11.0, 0.0, 1.2);
( 70.0, 9.0, 0.0, 1.2);	( 70.0, -9.0, 0.0, 1.2);
( 70.0, -11.0, 0.0, 1.2);	( 70.0, -13.0, 0.0, 1.2);
( 70.0, -15.0, 0.0, 1.2);	( 70.0, -17.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2);	( 70.0, -25.0, 0.0, 1.2);
( 70.0, -30.0, 0.0, 1.2);	( 70.0, -40.0, 0.0, 1.2);
( 70.0, -50.0, 0.0, 1.2);	( 70.0, -60.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 70.0, -80.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 70.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 80.0, 100.0, 0.0, 1.2);	( 80.0, 90.0, 0.0, 1.2);
( 80.0, 80.0, 0.0, 1.2);	( 80.0, 70.0, 0.0, 1.2);
( 80.0, 60.0, 0.0, 1.2);	( 80.0, 50.0, 0.0, 1.2);



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 80.0, 40.0, 0.0, 1.2);	( 80.0, 30.0, 0.0, 1.2);
( 80.0, 25.0, 0.0, 1.2);	( 80.0, 20.0, 0.0, 1.2);
( 80.0, 17.0, 0.0, 1.2);	( 80.0, 15.0, 0.0, 1.2);
( 80.0, 13.0, 0.0, 1.2);	( 80.0, 11.0, 0.0, 1.2);
( 80.0, 9.0, 0.0, 1.2);	( 80.0, -9.0, 0.0, 1.2);
( 80.0, -11.0, 0.0, 1.2);	( 80.0, -13.0, 0.0, 1.2);
( 80.0, -15.0, 0.0, 1.2);	( 80.0, -17.0, 0.0, 1.2);
( 80.0, -20.0, 0.0, 1.2);	( 80.0, -25.0, 0.0, 1.2);
( 80.0, -30.0, 0.0, 1.2);	( 80.0, -40.0, 0.0, 1.2);
( 80.0, -50.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 80.0, -70.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 80.0, -90.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, 100.0, 0.0, 1.2);	( 90.0, 90.0, 0.0, 1.2);
( 90.0, 80.0, 0.0, 1.2);	( 90.0, 70.0, 0.0, 1.2);
( 90.0, 60.0, 0.0, 1.2);	( 90.0, 50.0, 0.0, 1.2);
( 90.0, 40.0, 0.0, 1.2);	( 90.0, 30.0, 0.0, 1.2);
( 90.0, 25.0, 0.0, 1.2);	( 90.0, 20.0, 0.0, 1.2);
( 90.0, 17.0, 0.0, 1.2);	( 90.0, 15.0, 0.0, 1.2);
( 90.0, 13.0, 0.0, 1.2);	( 90.0, 11.0, 0.0, 1.2);
( 90.0, 9.0, 0.0, 1.2);	( 90.0, -9.0, 0.0, 1.2);
( 90.0, -11.0, 0.0, 1.2);	( 90.0, -13.0, 0.0, 1.2);
( 90.0, -15.0, 0.0, 1.2);	( 90.0, -17.0, 0.0, 1.2);
( 90.0, -20.0, 0.0, 1.2);	( 90.0, -25.0, 0.0, 1.2);
( 90.0, -30.0, 0.0, 1.2);	( 90.0, -40.0, 0.0, 1.2);
( 90.0, -50.0, 0.0, 1.2);	( 90.0, -60.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 90.0, -80.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 90.0, -100.0, 0.0, 1.2);
( 100.0, 100.0, 0.0, 1.2);	( 100.0, 90.0, 0.0, 1.2);
( 100.0, 80.0, 0.0, 1.2);	( 100.0, 70.0, 0.0, 1.2);
( 100.0, 60.0, 0.0, 1.2);	( 100.0, 50.0, 0.0, 1.2);
( 100.0, 40.0, 0.0, 1.2);	( 100.0, 30.0, 0.0, 1.2);
( 100.0, 25.0, 0.0, 1.2);	( 100.0, 20.0, 0.0, 1.2);
( 100.0, 17.0, 0.0, 1.2);	( 100.0, 15.0, 0.0, 1.2);
( 100.0, 13.0, 0.0, 1.2);	( 100.0, 11.0, 0.0, 1.2);
( 100.0, 9.0, 0.0, 1.2);	( 100.0, -9.0, 0.0, 1.2);
( 100.0, -11.0, 0.0, 1.2);	( 100.0, -13.0, 0.0, 1.2);
( 100.0, -15.0, 0.0, 1.2);	( 100.0, -17.0, 0.0, 1.2);
( 100.0, -20.0, 0.0, 1.2);	( 100.0, -25.0, 0.0, 1.2);
( 100.0, -30.0, 0.0, 1.2);	( 100.0, -40.0, 0.0, 1.2);
( 100.0, -50.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( 100.0, -70.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);
( 100.0, -90.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 110.0, 100.0, 0.0, 1.2);	( 110.0, 90.0, 0.0, 1.2);
( 110.0, 80.0, 0.0, 1.2);	( 110.0, 70.0, 0.0, 1.2);
( 110.0, 60.0, 0.0, 1.2);	( 110.0, 50.0, 0.0, 1.2);
( 110.0, 40.0, 0.0, 1.2);	( 110.0, 30.0, 0.0, 1.2);
( 110.0, 25.0, 0.0, 1.2);	( 110.0, 20.0, 0.0, 1.2);
( 110.0, 17.0, 0.0, 1.2);	( 110.0, 15.0, 0.0, 1.2);
( 110.0, 13.0, 0.0, 1.2);	( 110.0, 11.0, 0.0, 1.2);
( 110.0, 9.0, 0.0, 1.2);	( 110.0, -9.0, 0.0, 1.2);
( 110.0, -11.0, 0.0, 1.2);	( 110.0, -13.0, 0.0, 1.2);
( 110.0, -15.0, 0.0, 1.2);	( 110.0, -17.0, 0.0, 1.2);
( 110.0, -20.0, 0.0, 1.2);	( 110.0, -25.0, 0.0, 1.2);
( 110.0, -30.0, 0.0, 1.2);	( 110.0, -40.0, 0.0, 1.2);
( 110.0, -50.0, 0.0, 1.2);	( 110.0, -60.0, 0.0, 1.2);
( 110.0, -70.0, 0.0, 1.2);	( 110.0, -80.0, 0.0, 1.2);
( 110.0, -90.0, 0.0, 1.2);	( 110.0, -100.0, 0.0, 1.2);
( 120.0, 100.0, 0.0, 1.2);	( 120.0, 90.0, 0.0, 1.2);
( 120.0, 80.0, 0.0, 1.2);	( 120.0, 70.0, 0.0, 1.2);
( 120.0, 60.0, 0.0, 1.2);	( 120.0, 50.0, 0.0, 1.2);
( 120.0, 40.0, 0.0, 1.2);	( 120.0, 30.0, 0.0, 1.2);
( 120.0, 25.0, 0.0, 1.2);	( 120.0, 20.0, 0.0, 1.2);
( 120.0, 17.0, 0.0, 1.2);	( 120.0, 15.0, 0.0, 1.2);
( 120.0, 13.0, 0.0, 1.2);	( 120.0, 11.0, 0.0, 1.2);
( 120.0, 9.0, 0.0, 1.2);	( 120.0, -9.0, 0.0, 1.2);
( 120.0, -11.0, 0.0, 1.2);	( 120.0, -13.0, 0.0, 1.2);
( 120.0, -15.0, 0.0, 1.2);	( 120.0, -17.0, 0.0, 1.2);
( 120.0, -20.0, 0.0, 1.2);	( 120.0, -25.0, 0.0, 1.2);
( 120.0, -30.0, 0.0, 1.2);	( 120.0, -40.0, 0.0, 1.2);
( 120.0, -50.0, 0.0, 1.2);	( 120.0, -60.0, 0.0, 1.2);
( 120.0, -70.0, 0.0, 1.2);	( 120.0, -80.0, 0.0, 1.2);
( 120.0, -90.0, 0.0, 1.2);	( 120.0, -100.0, 0.0, 1.2);
( 130.0, 100.0, 0.0, 1.2);	( 130.0, 90.0, 0.0, 1.2);
( 130.0, 80.0, 0.0, 1.2);	( 130.0, 70.0, 0.0, 1.2);
( 130.0, 60.0, 0.0, 1.2);	( 130.0, 50.0, 0.0, 1.2);
( 130.0, 40.0, 0.0, 1.2);	( 130.0, 30.0, 0.0, 1.2);
( 130.0, 25.0, 0.0, 1.2);	( 130.0, 20.0, 0.0, 1.2);
( 130.0, 17.0, 0.0, 1.2);	( 130.0, 15.0, 0.0, 1.2);
( 130.0, 13.0, 0.0, 1.2);	( 130.0, 11.0, 0.0, 1.2);
( 130.0, 9.0, 0.0, 1.2);	( 130.0, -9.0, 0.0, 1.2);
( 130.0, -11.0, 0.0, 1.2);	( 130.0, -13.0, 0.0, 1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound

( 130.0,	-15.0,	0.0,	1.2);	( 130.0,	-17.0,	0.0,	1.2);
( 130.0,	-20.0,	0.0,	1.2);	( 130.0,	-25.0,	0.0,	1.2);
( 130.0,	-30.0,	0.0,	1.2);	( 130.0,	-40.0,	0.0,	1.2);
( 130.0,	-50.0,	0.0,	1.2);	( 130.0,	-60.0,	0.0,	1.2);
( 130.0,	-70.0,	0.0,	1.2);	( 130.0,	-80.0,	0.0,	1.2);
( 130.0,	-90.0,	0.0,	1.2);	( 130.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 17  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 140.0,	100.0,	0.0,	1.2);	( 140.0,	90.0,	0.0,	1.2);
( 140.0,	80.0,	0.0,	1.2);	( 140.0,	70.0,	0.0,	1.2);
( 140.0,	60.0,	0.0,	1.2);	( 140.0,	50.0,	0.0,	1.2);
( 140.0,	40.0,	0.0,	1.2);	( 140.0,	30.0,	0.0,	1.2);
( 140.0,	25.0,	0.0,	1.2);	( 140.0,	20.0,	0.0,	1.2);
( 140.0,	17.0,	0.0,	1.2);	( 140.0,	15.0,	0.0,	1.2);
( 140.0,	13.0,	0.0,	1.2);	( 140.0,	11.0,	0.0,	1.2);
( 140.0,	9.0,	0.0,	1.2);	( 140.0,	-9.0,	0.0,	1.2);
( 140.0,	-11.0,	0.0,	1.2);	( 140.0,	-13.0,	0.0,	1.2);
( 140.0,	-15.0,	0.0,	1.2);	( 140.0,	-17.0,	0.0,	1.2);
( 140.0,	-20.0,	0.0,	1.2);	( 140.0,	-25.0,	0.0,	1.2);
( 140.0,	-30.0,	0.0,	1.2);	( 140.0,	-40.0,	0.0,	1.2);
( 140.0,	-50.0,	0.0,	1.2);	( 140.0,	-60.0,	0.0,	1.2);
( 140.0,	-70.0,	0.0,	1.2);	( 140.0,	-80.0,	0.0,	1.2);
( 140.0,	-90.0,	0.0,	1.2);	( 140.0,	-100.0,	0.0,	1.2);
( 150.0,	100.0,	0.0,	1.2);	( 150.0,	90.0,	0.0,	1.2);
( 150.0,	80.0,	0.0,	1.2);	( 150.0,	70.0,	0.0,	1.2);
( 150.0,	60.0,	0.0,	1.2);	( 150.0,	50.0,	0.0,	1.2);
( 150.0,	40.0,	0.0,	1.2);	( 150.0,	30.0,	0.0,	1.2);
( 150.0,	25.0,	0.0,	1.2);	( 150.0,	20.0,	0.0,	1.2);
( 150.0,	17.0,	0.0,	1.2);	( 150.0,	15.0,	0.0,	1.2);
( 150.0,	13.0,	0.0,	1.2);	( 150.0,	11.0,	0.0,	1.2);
( 150.0,	9.0,	0.0,	1.2);	( 150.0,	-9.0,	0.0,	1.2);
( 150.0,	-11.0,	0.0,	1.2);	( 150.0,	-13.0,	0.0,	1.2);
( 150.0,	-15.0,	0.0,	1.2);	( 150.0,	-17.0,	0.0,	1.2);
( 150.0,	-20.0,	0.0,	1.2);	( 150.0,	-25.0,	0.0,	1.2);
( 150.0,	-30.0,	0.0,	1.2);	( 150.0,	-40.0,	0.0,	1.2);
( 150.0,	-50.0,	0.0,	1.2);	( 150.0,	-60.0,	0.0,	1.2);
( 150.0,	-70.0,	0.0,	1.2);	( 150.0,	-80.0,	0.0,	1.2);
( 150.0,	-90.0,	0.0,	1.2);	( 150.0,	-100.0,	0.0,	1.2);
( 160.0,	100.0,	0.0,	1.2);	( 160.0,	90.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 160.0,	80.0,	0.0,	1.2);	( 160.0,	70.0,	0.0,	1.2);
( 160.0,	60.0,	0.0,	1.2);	( 160.0,	50.0,	0.0,	1.2);
( 160.0,	40.0,	0.0,	1.2);	( 160.0,	30.0,	0.0,	1.2);
( 160.0,	25.0,	0.0,	1.2);	( 160.0,	20.0,	0.0,	1.2);
( 160.0,	17.0,	0.0,	1.2);	( 160.0,	15.0,	0.0,	1.2);
( 160.0,	13.0,	0.0,	1.2);	( 160.0,	11.0,	0.0,	1.2);
( 160.0,	9.0,	0.0,	1.2);	( 160.0,	-9.0,	0.0,	1.2);
( 160.0,	-11.0,	0.0,	1.2);	( 160.0,	-13.0,	0.0,	1.2);
( 160.0,	-15.0,	0.0,	1.2);	( 160.0,	-17.0,	0.0,	1.2);
( 160.0,	-20.0,	0.0,	1.2);	( 160.0,	-25.0,	0.0,	1.2);
( 160.0,	-30.0,	0.0,	1.2);	( 160.0,	-40.0,	0.0,	1.2);
( 160.0,	-50.0,	0.0,	1.2);	( 160.0,	-60.0,	0.0,	1.2);
( 160.0,	-70.0,	0.0,	1.2);	( 160.0,	-80.0,	0.0,	1.2);
( 160.0,	-90.0,	0.0,	1.2);	( 160.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 18  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 170.0,	100.0,	0.0,	1.2);	( 170.0,	90.0,	0.0,	1.2);
( 170.0,	80.0,	0.0,	1.2);	( 170.0,	70.0,	0.0,	1.2);
( 170.0,	60.0,	0.0,	1.2);	( 170.0,	50.0,	0.0,	1.2);
( 170.0,	40.0,	0.0,	1.2);	( 170.0,	30.0,	0.0,	1.2);
( 170.0,	25.0,	0.0,	1.2);	( 170.0,	20.0,	0.0,	1.2);
( 170.0,	17.0,	0.0,	1.2);	( 170.0,	15.0,	0.0,	1.2);
( 170.0,	13.0,	0.0,	1.2);	( 170.0,	11.0,	0.0,	1.2);
( 170.0,	9.0,	0.0,	1.2);	( 170.0,	-9.0,	0.0,	1.2);
( 170.0,	-11.0,	0.0,	1.2);	( 170.0,	-13.0,	0.0,	1.2);
( 170.0,	-15.0,	0.0,	1.2);	( 170.0,	-17.0,	0.0,	1.2);
( 170.0,	-20.0,	0.0,	1.2);	( 170.0,	-25.0,	0.0,	1.2);
( 170.0,	-30.0,	0.0,	1.2);	( 170.0,	-40.0,	0.0,	1.2);
( 170.0,	-50.0,	0.0,	1.2);	( 170.0,	-60.0,	0.0,	1.2);
( 170.0,	-70.0,	0.0,	1.2);	( 170.0,	-80.0,	0.0,	1.2);
( 170.0,	-90.0,	0.0,	1.2);	( 170.0,	-100.0,	0.0,	1.2);
( 180.0,	100.0,	0.0,	1.2);	( 180.0,	90.0,	0.0,	1.2);
( 180.0,	80.0,	0.0,	1.2);	( 180.0,	70.0,	0.0,	1.2);
( 180.0,	60.0,	0.0,	1.2);	( 180.0,	50.0,	0.0,	1.2);
( 180.0,	40.0,	0.0,	1.2);	( 180.0,	30.0,	0.0,	1.2);
( 180.0,	25.0,	0.0,	1.2);	( 180.0,	20.0,	0.0,	1.2);
( 180.0,	17.0,	0.0,	1.2);	( 180.0,	15.0,	0.0,	1.2);
( 180.0,	13.0,	0.0,	1.2);	( 180.0,	11.0,	0.0,	1.2);
( 180.0,	9.0,	0.0,	1.2);	( 180.0,	-9.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 180.0,	-11.0,	0.0,	1.2);	( 180.0,	-13.0,	0.0,	1.2);
( 180.0,	-15.0,	0.0,	1.2);	( 180.0,	-17.0,	0.0,	1.2);
( 180.0,	-20.0,	0.0,	1.2);	( 180.0,	-25.0,	0.0,	1.2);
( 180.0,	-30.0,	0.0,	1.2);	( 180.0,	-40.0,	0.0,	1.2);
( 180.0,	-50.0,	0.0,	1.2);	( 180.0,	-60.0,	0.0,	1.2);
( 180.0,	-70.0,	0.0,	1.2);	( 180.0,	-80.0,	0.0,	1.2);
( 180.0,	-90.0,	0.0,	1.2);	( 180.0,	-100.0,	0.0,	1.2);
( 190.0,	100.0,	0.0,	1.2);	( 190.0,	90.0,	0.0,	1.2);
( 190.0,	80.0,	0.0,	1.2);	( 190.0,	70.0,	0.0,	1.2);
( 190.0,	60.0,	0.0,	1.2);	( 190.0,	50.0,	0.0,	1.2);
( 190.0,	40.0,	0.0,	1.2);	( 190.0,	30.0,	0.0,	1.2);
( 190.0,	25.0,	0.0,	1.2);	( 190.0,	20.0,	0.0,	1.2);
( 190.0,	17.0,	0.0,	1.2);	( 190.0,	15.0,	0.0,	1.2);
( 190.0,	13.0,	0.0,	1.2);	( 190.0,	11.0,	0.0,	1.2);
( 190.0,	9.0,	0.0,	1.2);	( 190.0,	-9.0,	0.0,	1.2);
( 190.0,	-11.0,	0.0,	1.2);	( 190.0,	-13.0,	0.0,	1.2);
( 190.0,	-15.0,	0.0,	1.2);	( 190.0,	-17.0,	0.0,	1.2);
( 190.0,	-20.0,	0.0,	1.2);	( 190.0,	-25.0,	0.0,	1.2);
( 190.0,	-30.0,	0.0,	1.2);	( 190.0,	-40.0,	0.0,	1.2);
( 190.0,	-50.0,	0.0,	1.2);	( 190.0,	-60.0,	0.0,	1.2);
( 190.0,	-70.0,	0.0,	1.2);	( 190.0,	-80.0,	0.0,	1.2);
( 190.0,	-90.0,	0.0,	1.2);	( 190.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTS:  
 PAGE 19

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 200.0,	100.0,	0.0,	1.2);	( 200.0,	90.0,	0.0,	1.2);
( 200.0,	80.0,	0.0,	1.2);	( 200.0,	70.0,	0.0,	1.2);
( 200.0,	60.0,	0.0,	1.2);	( 200.0,	50.0,	0.0,	1.2);
( 200.0,	40.0,	0.0,	1.2);	( 200.0,	30.0,	0.0,	1.2);
( 200.0,	25.0,	0.0,	1.2);	( 200.0,	20.0,	0.0,	1.2);
( 200.0,	17.0,	0.0,	1.2);	( 200.0,	15.0,	0.0,	1.2);
( 200.0,	13.0,	0.0,	1.2);	( 200.0,	11.0,	0.0,	1.2);
( 200.0,	9.0,	0.0,	1.2);	( 200.0,	-9.0,	0.0,	1.2);
( 200.0,	-11.0,	0.0,	1.2);	( 200.0,	-13.0,	0.0,	1.2);
( 200.0,	-15.0,	0.0,	1.2);	( 200.0,	-17.0,	0.0,	1.2);
( 200.0,	-20.0,	0.0,	1.2);	( 200.0,	-25.0,	0.0,	1.2);
( 200.0,	-30.0,	0.0,	1.2);	( 200.0,	-40.0,	0.0,	1.2);
( 200.0,	-50.0,	0.0,	1.2);	( 200.0,	-60.0,	0.0,	1.2);
( 200.0,	-70.0,	0.0,	1.2);	( 200.0,	-80.0,	0.0,	1.2);
( 200.0,	-90.0,	0.0,	1.2);	( 200.0,	-100.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 210.0,	100.0,	0.0,	1.2);	( 210.0,	90.0,	0.0,	1.2);
( 210.0,	80.0,	0.0,	1.2);	( 210.0,	70.0,	0.0,	1.2);
( 210.0,	60.0,	0.0,	1.2);	( 210.0,	50.0,	0.0,	1.2);
( 210.0,	40.0,	0.0,	1.2);	( 210.0,	30.0,	0.0,	1.2);
( 210.0,	25.0,	0.0,	1.2);	( 210.0,	20.0,	0.0,	1.2);
( 210.0,	17.0,	0.0,	1.2);	( 210.0,	15.0,	0.0,	1.2);
( 210.0,	13.0,	0.0,	1.2);	( 210.0,	11.0,	0.0,	1.2);
( 210.0,	9.0,	0.0,	1.2);	( 210.0,	-9.0,	0.0,	1.2);
( 210.0,	-11.0,	0.0,	1.2);	( 210.0,	-13.0,	0.0,	1.2);
( 210.0,	-15.0,	0.0,	1.2);	( 210.0,	-17.0,	0.0,	1.2);
( 210.0,	-20.0,	0.0,	1.2);	( 210.0,	-25.0,	0.0,	1.2);
( 210.0,	-30.0,	0.0,	1.2);	( 210.0,	-40.0,	0.0,	1.2);
( 210.0,	-50.0,	0.0,	1.2);	( 210.0,	-60.0,	0.0,	1.2);
( 210.0,	-70.0,	0.0,	1.2);	( 210.0,	-80.0,	0.0,	1.2);
( 210.0,	-90.0,	0.0,	1.2);	( 210.0,	-100.0,	0.0,	1.2);
( 220.0,	100.0,	0.0,	1.2);	( 220.0,	90.0,	0.0,	1.2);
( 220.0,	80.0,	0.0,	1.2);	( 220.0,	70.0,	0.0,	1.2);
( 220.0,	60.0,	0.0,	1.2);	( 220.0,	50.0,	0.0,	1.2);
( 220.0,	40.0,	0.0,	1.2);	( 220.0,	30.0,	0.0,	1.2);
( 220.0,	25.0,	0.0,	1.2);	( 220.0,	20.0,	0.0,	1.2);
( 220.0,	17.0,	0.0,	1.2);	( 220.0,	15.0,	0.0,	1.2);
( 220.0,	13.0,	0.0,	1.2);	( 220.0,	11.0,	0.0,	1.2);
( 220.0,	9.0,	0.0,	1.2);	( 220.0,	-9.0,	0.0,	1.2);
( 220.0,	-11.0,	0.0,	1.2);	( 220.0,	-13.0,	0.0,	1.2);
( 220.0,	-15.0,	0.0,	1.2);	( 220.0,	-17.0,	0.0,	1.2);
( 220.0,	-20.0,	0.0,	1.2);	( 220.0,	-25.0,	0.0,	1.2);
( 220.0,	-30.0,	0.0,	1.2);	( 220.0,	-40.0,	0.0,	1.2);
( 220.0,	-50.0,	0.0,	1.2);	( 220.0,	-60.0,	0.0,	1.2);
( 220.0,	-70.0,	0.0,	1.2);	( 220.0,	-80.0,	0.0,	1.2);
( 220.0,	-90.0,	0.0,	1.2);	( 220.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 230.0,	100.0,	0.0,	1.2);	( 230.0,	90.0,	0.0,	1.2);
( 230.0,	80.0,	0.0,	1.2);	( 230.0,	70.0,	0.0,	1.2);
( 230.0,	60.0,	0.0,	1.2);	( 230.0,	50.0,	0.0,	1.2);
( 230.0,	40.0,	0.0,	1.2);	( 230.0,	30.0,	0.0,	1.2);
( 230.0,	25.0,	0.0,	1.2);	( 230.0,	20.0,	0.0,	1.2);
( 230.0,	17.0,	0.0,	1.2);	( 230.0,	15.0,	0.0,	1.2);
( 230.0,	13.0,	0.0,	1.2);	( 230.0,	11.0,	0.0,	1.2);

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

( 230.0,	9.0,	0.0,	1.2);	( 230.0,	-9.0,	0.0,	1.2);
( 230.0,	-11.0,	0.0,	1.2);	( 230.0,	-13.0,	0.0,	1.2);
( 230.0,	-15.0,	0.0,	1.2);	( 230.0,	-17.0,	0.0,	1.2);
( 230.0,	-20.0,	0.0,	1.2);	( 230.0,	-25.0,	0.0,	1.2);
( 230.0,	-30.0,	0.0,	1.2);	( 230.0,	-40.0,	0.0,	1.2);
( 230.0,	-50.0,	0.0,	1.2);	( 230.0,	-60.0,	0.0,	1.2);
( 230.0,	-70.0,	0.0,	1.2);	( 230.0,	-80.0,	0.0,	1.2);
( 230.0,	-90.0,	0.0,	1.2);	( 230.0,	-100.0,	0.0,	1.2);
( 240.0,	100.0,	0.0,	1.2);	( 240.0,	90.0,	0.0,	1.2);
( 240.0,	80.0,	0.0,	1.2);	( 240.0,	70.0,	0.0,	1.2);
( 240.0,	60.0,	0.0,	1.2);	( 240.0,	50.0,	0.0,	1.2);
( 240.0,	40.0,	0.0,	1.2);	( 240.0,	30.0,	0.0,	1.2);
( 240.0,	25.0,	0.0,	1.2);	( 240.0,	20.0,	0.0,	1.2);
( 240.0,	17.0,	0.0,	1.2);	( 240.0,	15.0,	0.0,	1.2);
( 240.0,	13.0,	0.0,	1.2);	( 240.0,	11.0,	0.0,	1.2);
( 240.0,	9.0,	0.0,	1.2);	( 240.0,	-9.0,	0.0,	1.2);
( 240.0,	-11.0,	0.0,	1.2);	( 240.0,	-13.0,	0.0,	1.2);
( 240.0,	-15.0,	0.0,	1.2);	( 240.0,	-17.0,	0.0,	1.2);
( 240.0,	-20.0,	0.0,	1.2);	( 240.0,	-25.0,	0.0,	1.2);
( 240.0,	-30.0,	0.0,	1.2);	( 240.0,	-40.0,	0.0,	1.2);
( 240.0,	-50.0,	0.0,	1.2);	( 240.0,	-60.0,	0.0,	1.2);
( 240.0,	-70.0,	0.0,	1.2);	( 240.0,	-80.0,	0.0,	1.2);
( 240.0,	-90.0,	0.0,	1.2);	( 240.0,	-100.0,	0.0,	1.2);
( 250.0,	100.0,	0.0,	1.2);	( 250.0,	90.0,	0.0,	1.2);
( 250.0,	80.0,	0.0,	1.2);	( 250.0,	70.0,	0.0,	1.2);
( 250.0,	60.0,	0.0,	1.2);	( 250.0,	50.0,	0.0,	1.2);
( 250.0,	40.0,	0.0,	1.2);	( 250.0,	30.0,	0.0,	1.2);
( 250.0,	25.0,	0.0,	1.2);	( 250.0,	20.0,	0.0,	1.2);
( 250.0,	17.0,	0.0,	1.2);	( 250.0,	15.0,	0.0,	1.2);
( 250.0,	13.0,	0.0,	1.2);	( 250.0,	11.0,	0.0,	1.2);
( 250.0,	9.0,	0.0,	1.2);	( 250.0,	-9.0,	0.0,	1.2);
( 250.0,	-11.0,	0.0,	1.2);	( 250.0,	-13.0,	0.0,	1.2);
( 250.0,	-15.0,	0.0,	1.2);	( 250.0,	-17.0,	0.0,	1.2);
( 250.0,	-20.0,	0.0,	1.2);	( 250.0,	-25.0,	0.0,	1.2);
( 250.0,	-30.0,	0.0,	1.2);	( 250.0,	-40.0,	0.0,	1.2);
( 250.0,	-50.0,	0.0,	1.2);	( 250.0,	-60.0,	0.0,	1.2);
( 250.0,	-70.0,	0.0,	1.2);	( 250.0,	-80.0,	0.0,	1.2);
( 250.0,	-90.0,	0.0,	1.2);	( 250.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)





06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
\*\*MODELOPTs:  
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00003	-250.00	90.00	0.00003
-250.00	80.00	0.00003	-250.00	70.00	0.00003
-250.00	60.00	0.00003	-250.00	50.00	0.00003
-250.00	40.00	0.00003	-250.00	30.00	0.00002
-250.00	25.00	0.00002	-250.00	20.00	0.00002
-250.00	17.00	0.00002	-250.00	15.00	0.00002
-250.00	13.00	0.00002	-250.00	11.00	0.00002
-250.00	9.00	0.00002	-250.00	-9.00	0.00002
-250.00	-11.00	0.00002	-250.00	-13.00	0.00002
-250.00	-15.00	0.00002	-250.00	-17.00	0.00002
-250.00	-20.00	0.00002	-250.00	-25.00	0.00002
-250.00	-30.00	0.00002	-250.00	-40.00	0.00002
-250.00	-50.00	0.00002	-250.00	-60.00	0.00002
-250.00	-70.00	0.00002	-250.00	-80.00	0.00002
-250.00	-90.00	0.00002	-250.00	-100.00	0.00002
-240.00	100.00	0.00003	-240.00	90.00	0.00003
-240.00	80.00	0.00003	-240.00	70.00	0.00003



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00003	-220.00	11.00	0.00003
-220.00	9.00	0.00003	-220.00	-9.00	0.00002
-220.00	-11.00	0.00002	-220.00	-13.00	0.00002
-220.00	-15.00	0.00002	-220.00	-17.00	0.00002
-220.00	-20.00	0.00002	-220.00	-25.00	0.00002
-220.00	-30.00	0.00002	-220.00	-40.00	0.00002
-220.00	-50.00	0.00002	-220.00	-60.00	0.00002
-220.00	-70.00	0.00002	-220.00	-80.00	0.00002
-220.00	-90.00	0.00002	-220.00	-100.00	0.00002
-210.00	100.00	0.00003	-210.00	90.00	0.00003
-210.00	80.00	0.00003	-210.00	70.00	0.00003
-210.00	60.00	0.00003	-210.00	50.00	0.00003
-210.00	40.00	0.00003	-210.00	30.00	0.00003
-210.00	25.00	0.00003	-210.00	20.00	0.00003
-210.00	17.00	0.00003	-210.00	15.00	0.00003
-210.00	13.00	0.00003	-210.00	11.00	0.00003
-210.00	9.00	0.00003	-210.00	-9.00	0.00003
-210.00	-11.00	0.00003	-210.00	-13.00	0.00003
-210.00	-15.00	0.00003	-210.00	-17.00	0.00003
-210.00	-20.00	0.00003	-210.00	-25.00	0.00003
-210.00	-30.00	0.00003	-210.00	-40.00	0.00003
-210.00	-50.00	0.00003	-210.00	-60.00	0.00003
-210.00	-70.00	0.00003	-210.00	-80.00	0.00002
-210.00	-90.00	0.00002	-210.00	-100.00	0.00002
-200.00	100.00	0.00004	-200.00	90.00	0.00004
-200.00	80.00	0.00004	-200.00	70.00	0.00004
-200.00	60.00	0.00003	-200.00	50.00	0.00003
-200.00	40.00	0.00003	-200.00	30.00	0.00003
-200.00	25.00	0.00003	-200.00	20.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTS:  
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1 \*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00003	-200.00	15.00	0.00003
-200.00	13.00	0.00003	-200.00	11.00	0.00003
-200.00	9.00	0.00003	-200.00	-9.00	0.00003
-200.00	-11.00	0.00003	-200.00	-13.00	0.00003
-200.00	-15.00	0.00003	-200.00	-17.00	0.00003

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00003	-200.00	-25.00	0.00003
-200.00	-30.00	0.00003	-200.00	-40.00	0.00003
-200.00	-50.00	0.00003	-200.00	-60.00	0.00003
-200.00	-70.00	0.00003	-200.00	-80.00	0.00003
-200.00	-90.00	0.00002	-200.00	-100.00	0.00002
-190.00	100.00	0.00004	-190.00	90.00	0.00004
-190.00	80.00	0.00004	-190.00	70.00	0.00004
-190.00	60.00	0.00004	-190.00	50.00	0.00004
-190.00	40.00	0.00003	-190.00	30.00	0.00003
-190.00	25.00	0.00003	-190.00	20.00	0.00003
-190.00	17.00	0.00003	-190.00	15.00	0.00003
-190.00	13.00	0.00003	-190.00	11.00	0.00003
-190.00	9.00	0.00003	-190.00	-9.00	0.00003
-190.00	-11.00	0.00003	-190.00	-13.00	0.00003
-190.00	-15.00	0.00003	-190.00	-17.00	0.00003
-190.00	-20.00	0.00003	-190.00	-25.00	0.00003
-190.00	-30.00	0.00003	-190.00	-40.00	0.00003
-190.00	-50.00	0.00003	-190.00	-60.00	0.00003
-190.00	-70.00	0.00003	-190.00	-80.00	0.00003
-190.00	-90.00	0.00003	-190.00	-100.00	0.00002
-180.00	100.00	0.00004	-180.00	90.00	0.00004
-180.00	80.00	0.00004	-180.00	70.00	0.00004
-180.00	60.00	0.00004	-180.00	50.00	0.00004
-180.00	40.00	0.00004	-180.00	30.00	0.00003
-180.00	25.00	0.00003	-180.00	20.00	0.00003
-180.00	17.00	0.00003	-180.00	15.00	0.00003
-180.00	13.00	0.00003	-180.00	11.00	0.00003
-180.00	9.00	0.00003	-180.00	-9.00	0.00003
-180.00	-11.00	0.00003	-180.00	-13.00	0.00003
-180.00	-15.00	0.00003	-180.00	-17.00	0.00003
-180.00	-20.00	0.00003	-180.00	-25.00	0.00003
-180.00	-30.00	0.00003	-180.00	-40.00	0.00003
-180.00	-50.00	0.00003	-180.00	-60.00	0.00003
-180.00	-70.00	0.00003	-180.00	-80.00	0.00003
-180.00	-90.00	0.00003	-180.00	-100.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:24:40  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

06NCRA_PL91-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00004	-170.00	90.00	0.00004
-170.00	80.00	0.00004	-170.00	70.00	0.00004
-170.00	60.00	0.00004	-170.00	50.00	0.00004
-170.00	40.00	0.00004	-170.00	30.00	0.00004
-170.00	25.00	0.00004	-170.00	20.00	0.00004
-170.00	17.00	0.00003	-170.00	15.00	0.00003
-170.00	13.00	0.00003	-170.00	11.00	0.00003
-170.00	9.00	0.00003	-170.00	-9.00	0.00003
-170.00	-11.00	0.00003	-170.00	-13.00	0.00003
-170.00	-15.00	0.00003	-170.00	-17.00	0.00003
-170.00	-20.00	0.00003	-170.00	-25.00	0.00003
-170.00	-30.00	0.00003	-170.00	-40.00	0.00003
-170.00	-50.00	0.00003	-170.00	-60.00	0.00003
-170.00	-70.00	0.00003	-170.00	-80.00	0.00003
-170.00	-90.00	0.00003	-170.00	-100.00	0.00003
-160.00	100.00	0.00005	-160.00	90.00	0.00005
-160.00	80.00	0.00004	-160.00	70.00	0.00004
-160.00	60.00	0.00004	-160.00	50.00	0.00004
-160.00	40.00	0.00004	-160.00	30.00	0.00004
-160.00	25.00	0.00004	-160.00	20.00	0.00004
-160.00	17.00	0.00004	-160.00	15.00	0.00004
-160.00	13.00	0.00004	-160.00	11.00	0.00004
-160.00	9.00	0.00004	-160.00	-9.00	0.00003
-160.00	-11.00	0.00003	-160.00	-13.00	0.00003
-160.00	-15.00	0.00003	-160.00	-17.00	0.00003
-160.00	-20.00	0.00003	-160.00	-25.00	0.00003
-160.00	-30.00	0.00003	-160.00	-40.00	0.00003
-160.00	-50.00	0.00003	-160.00	-60.00	0.00003
-160.00	-70.00	0.00003	-160.00	-80.00	0.00003
-160.00	-90.00	0.00003	-160.00	-100.00	0.00003
-150.00	100.00	0.00005	-150.00	90.00	0.00005
-150.00	80.00	0.00005	-150.00	70.00	0.00005
-150.00	60.00	0.00005	-150.00	50.00	0.00004
-150.00	40.00	0.00004	-150.00	30.00	0.00004
-150.00	25.00	0.00004	-150.00	20.00	0.00004
-150.00	17.00	0.00004	-150.00	15.00	0.00004
-150.00	13.00	0.00004	-150.00	11.00	0.00004
-150.00	9.00	0.00004	-150.00	-9.00	0.00003
-150.00	-11.00	0.00003	-150.00	-13.00	0.00003
-150.00	-15.00	0.00003	-150.00	-17.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00003	-150.00	-25.00	0.00003
-150.00	-30.00	0.00003	-150.00	-40.00	0.00003
-150.00	-50.00	0.00003	-150.00	-60.00	0.00003
-150.00	-70.00	0.00003	-150.00	-80.00	0.00003
-150.00	-90.00	0.00003	-150.00	-100.00	0.00003
-140.00	100.00	0.00005	-140.00	90.00	0.00005
-140.00	80.00	0.00005	-140.00	70.00	0.00005
-140.00	60.00	0.00005	-140.00	50.00	0.00005
-140.00	40.00	0.00005	-140.00	30.00	0.00004
-140.00	25.00	0.00004	-140.00	20.00	0.00004
-140.00	17.00	0.00004	-140.00	15.00	0.00004
-140.00	13.00	0.00004	-140.00	11.00	0.00004
-140.00	9.00	0.00004	-140.00	-9.00	0.00004
-140.00	-11.00	0.00004	-140.00	-13.00	0.00004
-140.00	-15.00	0.00004	-140.00	-17.00	0.00004
-140.00	-20.00	0.00004	-140.00	-25.00	0.00004
-140.00	-30.00	0.00004	-140.00	-40.00	0.00004
-140.00	-50.00	0.00004	-140.00	-60.00	0.00004
-140.00	-70.00	0.00003	-140.00	-80.00	0.00003
-140.00	-90.00	0.00003	-140.00	-100.00	0.00003
-130.00	100.00	0.00005	-130.00	90.00	0.00005
-130.00	80.00	0.00005	-130.00	70.00	0.00005
-130.00	60.00	0.00005	-130.00	50.00	0.00005
-130.00	40.00	0.00005	-130.00	30.00	0.00005
-130.00	25.00	0.00005	-130.00	20.00	0.00004
-130.00	17.00	0.00004	-130.00	15.00	0.00004
-130.00	13.00	0.00004	-130.00	11.00	0.00004
-130.00	9.00	0.00004	-130.00	-9.00	0.00004
-130.00	-11.00	0.00004	-130.00	-13.00	0.00004
-130.00	-15.00	0.00004	-130.00	-17.00	0.00004
-130.00	-20.00	0.00004	-130.00	-25.00	0.00004
-130.00	-30.00	0.00004	-130.00	-40.00	0.00004
-130.00	-50.00	0.00004	-130.00	-60.00	0.00004
-130.00	-70.00	0.00004	-130.00	-80.00	0.00003
-130.00	-90.00	0.00003	-130.00	-100.00	0.00003
-120.00	100.00	0.00006	-120.00	90.00	0.00006
-120.00	80.00	0.00006	-120.00	70.00	0.00006

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	60.00	0.00006	-120.00	50.00	0.00005
-120.00	40.00	0.00005	-120.00	30.00	0.00005
-120.00	25.00	0.00005	-120.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00005	-120.00	15.00	0.00005
-120.00	13.00	0.00005	-120.00	11.00	0.00005
-120.00	9.00	0.00004	-120.00	-9.00	0.00004
-120.00	-11.00	0.00004	-120.00	-13.00	0.00004
-120.00	-15.00	0.00004	-120.00	-17.00	0.00004
-120.00	-20.00	0.00004	-120.00	-25.00	0.00004
-120.00	-30.00	0.00004	-120.00	-40.00	0.00004
-120.00	-50.00	0.00004	-120.00	-60.00	0.00004
-120.00	-70.00	0.00004	-120.00	-80.00	0.00004
-120.00	-90.00	0.00003	-120.00	-100.00	0.00003
-110.00	100.00	0.00006	-110.00	90.00	0.00006
-110.00	80.00	0.00006	-110.00	70.00	0.00006
-110.00	60.00	0.00006	-110.00	50.00	0.00006
-110.00	40.00	0.00006	-110.00	30.00	0.00005
-110.00	25.00	0.00005	-110.00	20.00	0.00005
-110.00	17.00	0.00005	-110.00	15.00	0.00005
-110.00	13.00	0.00005	-110.00	11.00	0.00005
-110.00	9.00	0.00005	-110.00	-9.00	0.00004
-110.00	-11.00	0.00004	-110.00	-13.00	0.00004
-110.00	-15.00	0.00004	-110.00	-17.00	0.00004
-110.00	-20.00	0.00004	-110.00	-25.00	0.00004
-110.00	-30.00	0.00004	-110.00	-40.00	0.00004
-110.00	-50.00	0.00004	-110.00	-60.00	0.00004
-110.00	-70.00	0.00004	-110.00	-80.00	0.00004
-110.00	-90.00	0.00004	-110.00	-100.00	0.00003
-100.00	100.00	0.00006	-100.00	90.00	0.00006
-100.00	80.00	0.00007	-100.00	70.00	0.00006
-100.00	60.00	0.00006	-100.00	50.00	0.00006
-100.00	40.00	0.00006	-100.00	30.00	0.00006
-100.00	25.00	0.00006	-100.00	20.00	0.00005
-100.00	17.00	0.00005	-100.00	15.00	0.00005

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00005	-100.00	11.00	0.00005
-100.00	9.00	0.00005	-100.00	-9.00	0.00005
-100.00	-11.00	0.00005	-100.00	-13.00	0.00005
-100.00	-15.00	0.00005	-100.00	-17.00	0.00005
-100.00	-20.00	0.00005	-100.00	-25.00	0.00005
-100.00	-30.00	0.00005	-100.00	-40.00	0.00005
-100.00	-50.00	0.00005	-100.00	-60.00	0.00004
-100.00	-70.00	0.00004	-100.00	-80.00	0.00004
-100.00	-90.00	0.00004	-100.00	-100.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00007	-90.00	90.00	0.00007
-90.00	80.00	0.00007	-90.00	70.00	0.00007
-90.00	60.00	0.00007	-90.00	50.00	0.00007
-90.00	40.00	0.00006	-90.00	30.00	0.00006
-90.00	25.00	0.00006	-90.00	20.00	0.00006
-90.00	17.00	0.00006	-90.00	15.00	0.00006
-90.00	13.00	0.00006	-90.00	11.00	0.00006
-90.00	9.00	0.00005	-90.00	-9.00	0.00005
-90.00	-11.00	0.00005	-90.00	-13.00	0.00005
-90.00	-15.00	0.00005	-90.00	-17.00	0.00005
-90.00	-20.00	0.00005	-90.00	-25.00	0.00005
-90.00	-30.00	0.00005	-90.00	-40.00	0.00005
-90.00	-50.00	0.00005	-90.00	-60.00	0.00005
-90.00	-70.00	0.00004	-90.00	-80.00	0.00004
-90.00	-90.00	0.00004	-90.00	-100.00	0.00004
-80.00	100.00	0.00007	-80.00	90.00	0.00007
-80.00	80.00	0.00007	-80.00	70.00	0.00007
-80.00	60.00	0.00007	-80.00	50.00	0.00007
-80.00	40.00	0.00007	-80.00	30.00	0.00007
-80.00	25.00	0.00007	-80.00	20.00	0.00006
-80.00	17.00	0.00006	-80.00	15.00	0.00006
-80.00	13.00	0.00006	-80.00	11.00	0.00006
-80.00	9.00	0.00006	-80.00	-9.00	0.00005
-80.00	-11.00	0.00005	-80.00	-13.00	0.00005
-80.00	-15.00	0.00005	-80.00	-17.00	0.00005



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-20.00	0.00005	-80.00	-25.00	0.00005
-80.00	-30.00	0.00005	-80.00	-40.00	0.00005
-80.00	-50.00	0.00005	-80.00	-60.00	0.00005
-80.00	-70.00	0.00005	-80.00	-80.00	0.00004
-80.00	-90.00	0.00004	-80.00	-100.00	0.00004
-70.00	100.00	0.00008	-70.00	90.00	0.00008
-70.00	80.00	0.00008	-70.00	70.00	0.00008
-70.00	60.00	0.00008	-70.00	50.00	0.00008
-70.00	40.00	0.00008	-70.00	30.00	0.00007
-70.00	25.00	0.00007	-70.00	20.00	0.00007
-70.00	17.00	0.00007	-70.00	15.00	0.00007
-70.00	13.00	0.00007	-70.00	11.00	0.00006
-70.00	9.00	0.00006	-70.00	-9.00	0.00006
-70.00	-11.00	0.00006	-70.00	-13.00	0.00006
-70.00	-15.00	0.00006	-70.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00006	-70.00	-25.00	0.00006
-70.00	-30.00	0.00006	-70.00	-40.00	0.00006
-70.00	-50.00	0.00006	-70.00	-60.00	0.00005
-70.00	-70.00	0.00005	-70.00	-80.00	0.00005
-70.00	-90.00	0.00004	-70.00	-100.00	0.00004
-60.00	100.00	0.00008	-60.00	90.00	0.00008
-60.00	80.00	0.00009	-60.00	70.00	0.00009
-60.00	60.00	0.00009	-60.00	50.00	0.00008
-60.00	40.00	0.00008	-60.00	30.00	0.00008
-60.00	25.00	0.00008	-60.00	20.00	0.00007
-60.00	17.00	0.00007	-60.00	15.00	0.00007
-60.00	13.00	0.00007	-60.00	11.00	0.00007
-60.00	9.00	0.00007	-60.00	-9.00	0.00006
-60.00	-11.00	0.00006	-60.00	-13.00	0.00006
-60.00	-15.00	0.00006	-60.00	-17.00	0.00006
-60.00	-20.00	0.00006	-60.00	-25.00	0.00006
-60.00	-30.00	0.00006	-60.00	-40.00	0.00006
-60.00	-50.00	0.00006	-60.00	-60.00	0.00006
-60.00	-70.00	0.00005	-60.00	-80.00	0.00005

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00005	-60.00	-100.00	0.00004
-50.00	100.00	0.00009	-50.00	90.00	0.00009
-50.00	80.00	0.00009	-50.00	70.00	0.00009
-50.00	60.00	0.00009	-50.00	50.00	0.00009
-50.00	40.00	0.00009	-50.00	30.00	0.00009
-50.00	25.00	0.00008	-50.00	20.00	0.00008
-50.00	17.00	0.00008	-50.00	15.00	0.00008
-50.00	13.00	0.00008	-50.00	11.00	0.00008
-50.00	9.00	0.00007	-50.00	-9.00	0.00007
-50.00	-11.00	0.00007	-50.00	-13.00	0.00007
-50.00	-15.00	0.00007	-50.00	-17.00	0.00007
-50.00	-20.00	0.00007	-50.00	-25.00	0.00007
-50.00	-30.00	0.00007	-50.00	-40.00	0.00007
-50.00	-50.00	0.00006	-50.00	-60.00	0.00006
-50.00	-70.00	0.00006	-50.00	-80.00	0.00005
-50.00	-90.00	0.00005	-50.00	-100.00	0.00005
-40.00	100.00	0.00009	-40.00	90.00	0.00010
-40.00	80.00	0.00010	-40.00	70.00	0.00010
-40.00	60.00	0.00010	-40.00	50.00	0.00010
-40.00	40.00	0.00010	-40.00	30.00	0.00009
-40.00	25.00	0.00009	-40.00	20.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00009	-40.00	15.00	0.00009
-40.00	13.00	0.00008	-40.00	11.00	0.00008
-40.00	9.00	0.00008	-40.00	-9.00	0.00007
-40.00	-11.00	0.00007	-40.00	-13.00	0.00007
-40.00	-15.00	0.00007	-40.00	-17.00	0.00007
-40.00	-20.00	0.00007	-40.00	-25.00	0.00007
-40.00	-30.00	0.00007	-40.00	-40.00	0.00007
-40.00	-50.00	0.00007	-40.00	-60.00	0.00006
-40.00	-70.00	0.00006	-40.00	-80.00	0.00005
-40.00	-90.00	0.00005	-40.00	-100.00	0.00005
-30.00	100.00	0.00010	-30.00	90.00	0.00011
-30.00	80.00	0.00011	-30.00	70.00	0.00011
-30.00	60.00	0.00011	-30.00	50.00	0.00011

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00011	-30.00	30.00	0.00010
-30.00	25.00	0.00010	-30.00	20.00	0.00010
-30.00	17.00	0.00010	-30.00	15.00	0.00009
-30.00	13.00	0.00009	-30.00	11.00	0.00009
-30.00	9.00	0.00009	-30.00	-9.00	0.00008
-30.00	-11.00	0.00008	-30.00	-13.00	0.00008
-30.00	-15.00	0.00008	-30.00	-17.00	0.00008
-30.00	-20.00	0.00008	-30.00	-25.00	0.00008
-30.00	-30.00	0.00008	-30.00	-40.00	0.00008
-30.00	-50.00	0.00007	-30.00	-60.00	0.00007
-30.00	-70.00	0.00006	-30.00	-80.00	0.00006
-30.00	-90.00	0.00006	-30.00	-100.00	0.00006
-20.00	100.00	0.00011	-20.00	90.00	0.00011
-20.00	80.00	0.00012	-20.00	70.00	0.00012
-20.00	60.00	0.00012	-20.00	50.00	0.00012
-20.00	40.00	0.00012	-20.00	30.00	0.00011
-20.00	25.00	0.00011	-20.00	20.00	0.00011
-20.00	17.00	0.00011	-20.00	15.00	0.00010
-20.00	13.00	0.00010	-20.00	11.00	0.00010
-20.00	9.00	0.00010	-20.00	-9.00	0.00009
-20.00	-11.00	0.00009	-20.00	-13.00	0.00009
-20.00	-15.00	0.00009	-20.00	-17.00	0.00009
-20.00	-20.00	0.00009	-20.00	-25.00	0.00009
-20.00	-30.00	0.00009	-20.00	-40.00	0.00008
-20.00	-50.00	0.00008	-20.00	-60.00	0.00007
-20.00	-70.00	0.00007	-20.00	-80.00	0.00006
-20.00	-90.00	0.00006	-20.00	-100.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00012	-10.00	90.00	0.00012
-10.00	80.00	0.00013	-10.00	70.00	0.00013
-10.00	60.00	0.00013	-10.00	50.00	0.00013
-10.00	40.00	0.00013	-10.00	30.00	0.00013
-10.00	25.00	0.00012	-10.00	20.00	0.00012
-10.00	17.00	0.00012	-10.00	15.00	0.00011
-10.00	13.00	0.00011	-10.00	11.00	0.00011

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00011	-10.00	-9.00	0.00010
-10.00	-11.00	0.00010	-10.00	-13.00	0.00010
-10.00	-15.00	0.00010	-10.00	-17.00	0.00010
-10.00	-20.00	0.00010	-10.00	-25.00	0.00010
-10.00	-30.00	0.00010	-10.00	-40.00	0.00009
-10.00	-50.00	0.00008	-10.00	-60.00	0.00008
-10.00	-70.00	0.00007	-10.00	-80.00	0.00007
-10.00	-90.00	0.00007	-10.00	-100.00	0.00007
0.00	100.00	0.00013	0.00	90.00	0.00013
0.00	80.00	0.00014	0.00	70.00	0.00014
0.00	60.00	0.00015	0.00	50.00	0.00015
0.00	40.00	0.00015	0.00	30.00	0.00014
0.00	25.00	0.00014	0.00	20.00	0.00013
0.00	17.00	0.00013	0.00	15.00	0.00013
0.00	13.00	0.00013	0.00	11.00	0.00012
0.00	9.00	0.00012	0.00	-9.00	0.00011
0.00	-11.00	0.00011	0.00	-13.00	0.00011
0.00	-15.00	0.00011	0.00	-17.00	0.00011
0.00	-20.00	0.00011	0.00	-25.00	0.00011
0.00	-30.00	0.00011	0.00	-40.00	0.00010
0.00	-50.00	0.00009	0.00	-60.00	0.00008
0.00	-70.00	0.00008	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00008
10.00	100.00	0.00014	10.00	90.00	0.00015
10.00	80.00	0.00015	10.00	70.00	0.00016
10.00	60.00	0.00016	10.00	50.00	0.00017
10.00	40.00	0.00016	10.00	30.00	0.00016
10.00	25.00	0.00016	10.00	20.00	0.00015
10.00	17.00	0.00015	10.00	15.00	0.00014
10.00	13.00	0.00014	10.00	11.00	0.00014
10.00	9.00	0.00014	10.00	-9.00	0.00012
10.00	-11.00	0.00012	10.00	-13.00	0.00012
10.00	-15.00	0.00012	10.00	-17.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00012	10.00	-25.00	0.00012

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00012	10.00	-40.00	0.00011
10.00	-50.00	0.00010	10.00	-60.00	0.00009
10.00	-70.00	0.00008	10.00	-80.00	0.00008
10.00	-90.00	0.00009	10.00	-100.00	0.00009
20.00	100.00	0.00015	20.00	90.00	0.00016
20.00	80.00	0.00017	20.00	70.00	0.00017
20.00	60.00	0.00018	20.00	50.00	0.00019
20.00	40.00	0.00019	20.00	30.00	0.00018
20.00	25.00	0.00018	20.00	20.00	0.00017
20.00	17.00	0.00017	20.00	15.00	0.00016
20.00	13.00	0.00016	20.00	11.00	0.00016
20.00	9.00	0.00015	20.00	-9.00	0.00013
20.00	-11.00	0.00013	20.00	-13.00	0.00013
20.00	-15.00	0.00013	20.00	-17.00	0.00013
20.00	-20.00	0.00013	20.00	-25.00	0.00013
20.00	-30.00	0.00013	20.00	-40.00	0.00012
20.00	-50.00	0.00011	20.00	-60.00	0.00010
20.00	-70.00	0.00009	20.00	-80.00	0.00009
20.00	-90.00	0.00010	20.00	-100.00	0.00010
30.00	100.00	0.00017	30.00	90.00	0.00018
30.00	80.00	0.00018	30.00	70.00	0.00019
30.00	60.00	0.00020	30.00	50.00	0.00021
30.00	40.00	0.00021	30.00	30.00	0.00021
30.00	25.00	0.00020	30.00	20.00	0.00019
30.00	17.00	0.00019	30.00	15.00	0.00019
30.00	13.00	0.00018	30.00	11.00	0.00018
30.00	9.00	0.00017	30.00	-9.00	0.00015
30.00	-11.00	0.00015	30.00	-13.00	0.00015
30.00	-15.00	0.00015	30.00	-17.00	0.00015
30.00	-20.00	0.00015	30.00	-25.00	0.00015
30.00	-30.00	0.00014	30.00	-40.00	0.00013
30.00	-50.00	0.00012	30.00	-60.00	0.00011
30.00	-70.00	0.00011	30.00	-80.00	0.00011
30.00	-90.00	0.00011	30.00	-100.00	0.00011
40.00	100.00	0.00018	40.00	90.00	0.00019
40.00	80.00	0.00020	40.00	70.00	0.00021
40.00	60.00	0.00023	40.00	50.00	0.00023
40.00	40.00	0.00024	40.00	30.00	0.00024
40.00	25.00	0.00023	40.00	20.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00022	40.00	15.00	0.00021
40.00	13.00	0.00021	40.00	11.00	0.00021
40.00	9.00	0.00020	40.00	-9.00	0.00017
40.00	-11.00	0.00017	40.00	-13.00	0.00017
40.00	-15.00	0.00017	40.00	-17.00	0.00017
40.00	-20.00	0.00017	40.00	-25.00	0.00016
40.00	-30.00	0.00016	40.00	-40.00	0.00014
40.00	-50.00	0.00013	40.00	-60.00	0.00012
40.00	-70.00	0.00012	40.00	-80.00	0.00013
40.00	-90.00	0.00013	40.00	-100.00	0.00013
50.00	100.00	0.00020	50.00	90.00	0.00021
50.00	80.00	0.00023	50.00	70.00	0.00024
50.00	60.00	0.00025	50.00	50.00	0.00027
50.00	40.00	0.00027	50.00	30.00	0.00027
50.00	25.00	0.00027	50.00	20.00	0.00026
50.00	17.00	0.00025	50.00	15.00	0.00025
50.00	13.00	0.00024	50.00	11.00	0.00024
50.00	9.00	0.00023	50.00	-9.00	0.00020
50.00	-11.00	0.00020	50.00	-13.00	0.00020
50.00	-15.00	0.00019	50.00	-17.00	0.00019
50.00	-20.00	0.00019	50.00	-25.00	0.00018
50.00	-30.00	0.00017	50.00	-40.00	0.00015
50.00	-50.00	0.00014	50.00	-60.00	0.00014
50.00	-70.00	0.00014	50.00	-80.00	0.00014
50.00	-90.00	0.00014	50.00	-100.00	0.00014
60.00	100.00	0.00021	60.00	90.00	0.00023
60.00	80.00	0.00025	60.00	70.00	0.00027
60.00	60.00	0.00029	60.00	50.00	0.00030
60.00	40.00	0.00032	60.00	30.00	0.00032
60.00	25.00	0.00032	60.00	20.00	0.00031
60.00	17.00	0.00030	60.00	15.00	0.00029
60.00	13.00	0.00029	60.00	11.00	0.00028
60.00	9.00	0.00027	60.00	-9.00	0.00023
60.00	-11.00	0.00023	60.00	-13.00	0.00023
60.00	-15.00	0.00022	60.00	-17.00	0.00022
60.00	-20.00	0.00022	60.00	-25.00	0.00021
60.00	-30.00	0.00019	60.00	-40.00	0.00017
60.00	-50.00	0.00017	60.00	-60.00	0.00017
60.00	-70.00	0.00017	60.00	-80.00	0.00017

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00016 60.00 -100.00 0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00023	70.00	90.00	0.00025
70.00	80.00	0.00028	70.00	70.00	0.00031
70.00	60.00	0.00033	70.00	50.00	0.00035
70.00	40.00	0.00037	70.00	30.00	0.00038
70.00	25.00	0.00037	70.00	20.00	0.00037
70.00	17.00	0.00036	70.00	15.00	0.00035
70.00	13.00	0.00034	70.00	11.00	0.00033
70.00	9.00	0.00032	70.00	-9.00	0.00027
70.00	-11.00	0.00026	70.00	-13.00	0.00026
70.00	-15.00	0.00026	70.00	-17.00	0.00026
70.00	-20.00	0.00025	70.00	-25.00	0.00023
70.00	-30.00	0.00022	70.00	-40.00	0.00020
70.00	-50.00	0.00020	70.00	-60.00	0.00020
70.00	-70.00	0.00020	70.00	-80.00	0.00019
70.00	-90.00	0.00018	70.00	-100.00	0.00017
80.00	100.00	0.00024	80.00	90.00	0.00027
80.00	80.00	0.00031	80.00	70.00	0.00034
80.00	60.00	0.00037	80.00	50.00	0.00040
80.00	40.00	0.00043	80.00	30.00	0.00045
80.00	25.00	0.00045	80.00	20.00	0.00044
80.00	17.00	0.00043	80.00	15.00	0.00042
80.00	13.00	0.00042	80.00	11.00	0.00040
80.00	9.00	0.00039	80.00	-9.00	0.00031
80.00	-11.00	0.00031	80.00	-13.00	0.00031
80.00	-15.00	0.00030	80.00	-17.00	0.00029
80.00	-20.00	0.00028	80.00	-25.00	0.00026
80.00	-30.00	0.00025	80.00	-40.00	0.00023
80.00	-50.00	0.00023	80.00	-60.00	0.00023
80.00	-70.00	0.00023	80.00	-80.00	0.00022
80.00	-90.00	0.00020	80.00	-100.00	0.00019
90.00	100.00	0.00025	90.00	90.00	0.00029
90.00	80.00	0.00033	90.00	70.00	0.00037
90.00	60.00	0.00042	90.00	50.00	0.00047

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00051	90.00	30.00	0.00053
90.00	25.00	0.00054	90.00	20.00	0.00054
90.00	17.00	0.00053	90.00	15.00	0.00052
90.00	13.00	0.00051	90.00	11.00	0.00050
90.00	9.00	0.00048	90.00	-9.00	0.00037
90.00	-11.00	0.00037	90.00	-13.00	0.00036
90.00	-15.00	0.00035	90.00	-17.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00032	90.00	-25.00	0.00030
90.00	-30.00	0.00029	90.00	-40.00	0.00028
90.00	-50.00	0.00028	90.00	-60.00	0.00027
90.00	-70.00	0.00026	90.00	-80.00	0.00024
90.00	-90.00	0.00023	90.00	-100.00	0.00021
100.00	100.00	0.00026	100.00	90.00	0.00030
100.00	80.00	0.00035	100.00	70.00	0.00041
100.00	60.00	0.00047	100.00	50.00	0.00054
100.00	40.00	0.00060	100.00	30.00	0.00065
100.00	25.00	0.00066	100.00	20.00	0.00066
100.00	17.00	0.00066	100.00	15.00	0.00065
100.00	13.00	0.00064	100.00	11.00	0.00063
100.00	9.00	0.00061	100.00	-9.00	0.00044
100.00	-11.00	0.00043	100.00	-13.00	0.00042
100.00	-15.00	0.00041	100.00	-17.00	0.00039
100.00	-20.00	0.00038	100.00	-25.00	0.00036
100.00	-30.00	0.00035	100.00	-40.00	0.00035
100.00	-50.00	0.00033	100.00	-60.00	0.00032
100.00	-70.00	0.00030	100.00	-80.00	0.00027
100.00	-90.00	0.00025	100.00	-100.00	0.00023
110.00	100.00	0.00025	110.00	90.00	0.00030
110.00	80.00	0.00036	110.00	70.00	0.00043
110.00	60.00	0.00051	110.00	50.00	0.00060
110.00	40.00	0.00070	110.00	30.00	0.00079
110.00	25.00	0.00082	110.00	20.00	0.00084
110.00	17.00	0.00083	110.00	15.00	0.00083
110.00	13.00	0.00082	110.00	11.00	0.00080



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00078	110.00	-9.00	0.00052
110.00	-11.00	0.00051	110.00	-13.00	0.00049
110.00	-15.00	0.00048	110.00	-17.00	0.00047
110.00	-20.00	0.00045	110.00	-25.00	0.00045
110.00	-30.00	0.00044	110.00	-40.00	0.00042
110.00	-50.00	0.00039	110.00	-60.00	0.00037
110.00	-70.00	0.00034	110.00	-80.00	0.00030
110.00	-90.00	0.00027	110.00	-100.00	0.00024
120.00	100.00	0.00025	120.00	90.00	0.00030
120.00	80.00	0.00036	120.00	70.00	0.00044
120.00	60.00	0.00053	120.00	50.00	0.00065
120.00	40.00	0.00079	120.00	30.00	0.00094
120.00	25.00	0.00101	120.00	20.00	0.00106

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00108	120.00	15.00	0.00108
120.00	13.00	0.00107	120.00	11.00	0.00106
120.00	9.00	0.00103	120.00	-9.00	0.00063
120.00	-11.00	0.00061	120.00	-13.00	0.00060
120.00	-15.00	0.00059	120.00	-17.00	0.00058
120.00	-20.00	0.00057	120.00	-25.00	0.00055
120.00	-30.00	0.00053	120.00	-40.00	0.00050
120.00	-50.00	0.00046	120.00	-60.00	0.00042
120.00	-70.00	0.00038	120.00	-80.00	0.00034
120.00	-90.00	0.00030	120.00	-100.00	0.00027
130.00	100.00	0.00024	130.00	90.00	0.00029
130.00	80.00	0.00036	130.00	70.00	0.00044
130.00	60.00	0.00054	130.00	50.00	0.00067
130.00	40.00	0.00084	130.00	30.00	0.00105
130.00	25.00	0.00117	130.00	20.00	0.00128
130.00	17.00	0.00135	130.00	15.00	0.00138
130.00	13.00	0.00141	130.00	11.00	0.00143
130.00	9.00	0.00144	130.00	-9.00	0.00081
130.00	-11.00	0.00079	130.00	-13.00	0.00076
130.00	-15.00	0.00075	130.00	-17.00	0.00073
130.00	-20.00	0.00071	130.00	-25.00	0.00068

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00065	130.00	-40.00	0.00060
130.00	-50.00	0.00055	130.00	-60.00	0.00049
130.00	-70.00	0.00044	130.00	-80.00	0.00038
130.00	-90.00	0.00034	130.00	-100.00	0.00030
140.00	100.00	0.00023	140.00	90.00	0.00028
140.00	80.00	0.00034	140.00	70.00	0.00043
140.00	60.00	0.00054	140.00	50.00	0.00068
140.00	40.00	0.00086	140.00	30.00	0.00110
140.00	25.00	0.00125	140.00	20.00	0.00140
140.00	17.00	0.00149	140.00	15.00	0.00155
140.00	13.00	0.00161	140.00	11.00	0.00167
140.00	9.00	0.00174	140.00	-9.00	0.00152
140.00	-11.00	0.00133	140.00	-13.00	0.00121
140.00	-15.00	0.00113	140.00	-17.00	0.00108
140.00	-20.00	0.00101	140.00	-25.00	0.00093
140.00	-30.00	0.00088	140.00	-40.00	0.00078
140.00	-50.00	0.00069	140.00	-60.00	0.00060
140.00	-70.00	0.00052	140.00	-80.00	0.00045
140.00	-90.00	0.00039	140.00	-100.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00021	150.00	90.00	0.00026
150.00	80.00	0.00032	150.00	70.00	0.00041
150.00	60.00	0.00052	150.00	50.00	0.00067
150.00	40.00	0.00087	150.00	30.00	0.00114
150.00	25.00	0.00130	150.00	20.00	0.00148
150.00	17.00	0.00160	150.00	15.00	0.00167
150.00	13.00	0.00175	150.00	11.00	0.00185
150.00	9.00	0.00197	150.00	-9.00	0.00356
150.00	-11.00	0.00304	150.00	-13.00	0.00262
150.00	-15.00	0.00229	150.00	-17.00	0.00204
150.00	-20.00	0.00177	150.00	-25.00	0.00149
150.00	-30.00	0.00131	150.00	-40.00	0.00106
150.00	-50.00	0.00088	150.00	-60.00	0.00074
150.00	-70.00	0.00062	150.00	-80.00	0.00053
150.00	-90.00	0.00046	150.00	-100.00	0.00040

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00020	160.00	90.00	0.00024
160.00	80.00	0.00030	160.00	70.00	0.00039
160.00	60.00	0.00050	160.00	50.00	0.00066
160.00	40.00	0.00087	160.00	30.00	0.00115
160.00	25.00	0.00133	160.00	20.00	0.00153
160.00	17.00	0.00167	160.00	15.00	0.00178
160.00	13.00	0.00189	160.00	11.00	0.00203
160.00	9.00	0.00221	160.00	-9.00	0.00519
160.00	-11.00	0.00470	160.00	-13.00	0.00425
160.00	-15.00	0.00383	160.00	-17.00	0.00346
160.00	-20.00	0.00297	160.00	-25.00	0.00237
160.00	-30.00	0.00197	160.00	-40.00	0.00147
160.00	-50.00	0.00116	160.00	-60.00	0.00093
160.00	-70.00	0.00076	160.00	-80.00	0.00063
160.00	-90.00	0.00054	160.00	-100.00	0.00046
170.00	100.00	0.00018	170.00	90.00	0.00023
170.00	80.00	0.00028	170.00	70.00	0.00036
170.00	60.00	0.00047	170.00	50.00	0.00063
170.00	40.00	0.00084	170.00	30.00	0.00114
170.00	25.00	0.00133	170.00	20.00	0.00156
170.00	17.00	0.00173	170.00	15.00	0.00186
170.00	13.00	0.00200	170.00	11.00	0.00218
170.00	9.00	0.00241	170.00	-9.00	0.00619
170.00	-11.00	0.00577	170.00	-13.00	0.00538
170.00	-15.00	0.00500	170.00	-17.00	0.00464

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 39

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00413	170.00	-25.00	0.00339
170.00	-30.00	0.00279	170.00	-40.00	0.00199
170.00	-50.00	0.00149	170.00	-60.00	0.00116
170.00	-70.00	0.00093	170.00	-80.00	0.00076
170.00	-90.00	0.00064	170.00	-100.00	0.00054
180.00	100.00	0.00017	180.00	90.00	0.00021
180.00	80.00	0.00026	180.00	70.00	0.00033
180.00	60.00	0.00043	180.00	50.00	0.00058
180.00	40.00	0.00079	180.00	30.00	0.00109

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00130	180.00	20.00	0.00156
180.00	17.00	0.00175	180.00	15.00	0.00190
180.00	13.00	0.00207	180.00	11.00	0.00228
180.00	9.00	0.00254	180.00	-9.00	0.00683
180.00	-11.00	0.00645	180.00	-13.00	0.00610
180.00	-15.00	0.00576	180.00	-17.00	0.00544
180.00	-20.00	0.00497	180.00	-25.00	0.00423
180.00	-30.00	0.00357	180.00	-40.00	0.00254
180.00	-50.00	0.00187	180.00	-60.00	0.00143
180.00	-70.00	0.00113	180.00	-80.00	0.00091
180.00	-90.00	0.00075	180.00	-100.00	0.00062
190.00	100.00	0.00016	190.00	90.00	0.00019
190.00	80.00	0.00024	190.00	70.00	0.00030
190.00	60.00	0.00039	190.00	50.00	0.00051
190.00	40.00	0.00071	190.00	30.00	0.00102
190.00	25.00	0.00124	190.00	20.00	0.00152
190.00	17.00	0.00173	190.00	15.00	0.00189
190.00	13.00	0.00208	190.00	11.00	0.00231
190.00	9.00	0.00259	190.00	-9.00	0.00725
190.00	-11.00	0.00689	190.00	-13.00	0.00658
190.00	-15.00	0.00627	190.00	-17.00	0.00597
190.00	-20.00	0.00553	190.00	-25.00	0.00483
190.00	-30.00	0.00417	190.00	-40.00	0.00306
190.00	-50.00	0.00226	190.00	-60.00	0.00171
190.00	-70.00	0.00133	190.00	-80.00	0.00107
190.00	-90.00	0.00087	190.00	-100.00	0.00072
200.00	100.00	0.00015	200.00	90.00	0.00018
200.00	80.00	0.00022	200.00	70.00	0.00027
200.00	60.00	0.00034	200.00	50.00	0.00045
200.00	40.00	0.00062	200.00	30.00	0.00091
200.00	25.00	0.00112	200.00	20.00	0.00142

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00164	200.00	15.00	0.00181
200.00	13.00	0.00201	200.00	11.00	0.00226
200.00	9.00	0.00256	200.00	-9.00	0.00753

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00718	200.00	-13.00	0.00689
200.00	-15.00	0.00660	200.00	-17.00	0.00632
200.00	-20.00	0.00589	200.00	-25.00	0.00522
200.00	-30.00	0.00460	200.00	-40.00	0.00349
200.00	-50.00	0.00263	200.00	-60.00	0.00200
200.00	-70.00	0.00155	200.00	-80.00	0.00123
200.00	-90.00	0.00100	200.00	-100.00	0.00082
210.00	100.00	0.00014	210.00	90.00	0.00017
210.00	80.00	0.00020	210.00	70.00	0.00025
210.00	60.00	0.00031	210.00	50.00	0.00040
210.00	40.00	0.00054	210.00	30.00	0.00078
210.00	25.00	0.00097	210.00	20.00	0.00125
210.00	17.00	0.00146	210.00	15.00	0.00164
210.00	13.00	0.00184	210.00	11.00	0.00210
210.00	9.00	0.00241	210.00	-9.00	0.00769
210.00	-11.00	0.00735	210.00	-13.00	0.00705
210.00	-15.00	0.00678	210.00	-17.00	0.00651
210.00	-20.00	0.00611	210.00	-25.00	0.00547
210.00	-30.00	0.00487	210.00	-40.00	0.00381
210.00	-50.00	0.00294	210.00	-60.00	0.00226
210.00	-70.00	0.00176	210.00	-80.00	0.00140
210.00	-90.00	0.00113	210.00	-100.00	0.00093
220.00	100.00	0.00014	220.00	90.00	0.00016
220.00	80.00	0.00019	220.00	70.00	0.00023
220.00	60.00	0.00028	220.00	50.00	0.00036
220.00	40.00	0.00048	220.00	30.00	0.00068
220.00	25.00	0.00084	220.00	20.00	0.00106
220.00	17.00	0.00124	220.00	15.00	0.00139
220.00	13.00	0.00157	220.00	11.00	0.00180
220.00	9.00	0.00209	220.00	-9.00	0.00771
220.00	-11.00	0.00739	220.00	-13.00	0.00708
220.00	-15.00	0.00683	220.00	-17.00	0.00659
220.00	-20.00	0.00621	220.00	-25.00	0.00560
220.00	-30.00	0.00503	220.00	-40.00	0.00402
220.00	-50.00	0.00317	220.00	-60.00	0.00248
220.00	-70.00	0.00195	220.00	-80.00	0.00155
220.00	-90.00	0.00125	220.00	-100.00	0.00102

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

06NCRA\_PL91-300\_DPM\_TRAV\_ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00013	230.00	90.00	0.00015	
230.00	80.00	0.00018	230.00	70.00	0.00021	
230.00	60.00	0.00026	230.00	50.00	0.00033	
230.00	40.00	0.00044	230.00	30.00	0.00063	
230.00	25.00	0.00077	230.00	20.00	0.00096	
230.00	17.00	0.00112	230.00	15.00	0.00125	
230.00	13.00	0.00141	230.00	11.00	0.00160	
230.00	9.00	0.00185	230.00	-9.00	0.00710	
230.00	-11.00	0.00701	230.00	-13.00	0.00682	
230.00	-15.00	0.00661	230.00	-17.00	0.00641	
230.00	-20.00	0.00609	230.00	-25.00	0.00555	
230.00	-30.00	0.00502	230.00	-40.00	0.00409	
230.00	-50.00	0.00329	230.00	-60.00	0.00262	
230.00	-70.00	0.00209	230.00	-80.00	0.00167	
230.00	-90.00	0.00135	230.00	-100.00	0.00111	
240.00	100.00	0.00012	240.00	90.00	0.00014	
240.00	80.00	0.00017	240.00	70.00	0.00020	
240.00	60.00	0.00025	240.00	50.00	0.00031	
240.00	40.00	0.00041	240.00	30.00	0.00058	
240.00	25.00	0.00070	240.00	20.00	0.00088	
240.00	17.00	0.00102	240.00	15.00	0.00114	
240.00	13.00	0.00128	240.00	11.00	0.00145	
240.00	9.00	0.00166	240.00	-9.00	0.00509	
240.00	-11.00	0.00534	240.00	-13.00	0.00550	
240.00	-15.00	0.00558	240.00	-17.00	0.00557	
240.00	-20.00	0.00547	240.00	-25.00	0.00515	
240.00	-30.00	0.00476	240.00	-40.00	0.00399	
240.00	-50.00	0.00329	240.00	-60.00	0.00268	
240.00	-70.00	0.00217	240.00	-80.00	0.00176	
240.00	-90.00	0.00144	240.00	-100.00	0.00118	
250.00	100.00	0.00012	250.00	90.00	0.00014	
250.00	80.00	0.00016	250.00	70.00	0.00019	
250.00	60.00	0.00023	250.00	50.00	0.00029	
250.00	40.00	0.00038	250.00	30.00	0.00053	
250.00	25.00	0.00065	250.00	20.00	0.00081	
250.00	17.00	0.00093	250.00	15.00	0.00103	
250.00	13.00	0.00114	250.00	11.00	0.00127	
250.00	9.00	0.00142	250.00	-9.00	0.00353	
250.00	-11.00	0.00375	250.00	-13.00	0.00394	
250.00	-15.00	0.00410	250.00	-17.00	0.00423	

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:  
PAGE 42

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00435	250.00	-25.00	0.00437
250.00	-30.00	0.00422	250.00	-40.00	0.00372
250.00	-50.00	0.00316	250.00	-60.00	0.00264
250.00	-70.00	0.00219	250.00	-80.00	0.00181
250.00	-90.00	0.00149	250.00	-100.00	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00005	-250.00	90.00	0.00005
-250.00	80.00	0.00004	-250.00	70.00	0.00004
-250.00	60.00	0.00004	-250.00	50.00	0.00004
-250.00	40.00	0.00004	-250.00	30.00	0.00004
-250.00	25.00	0.00004	-250.00	20.00	0.00004
-250.00	17.00	0.00004	-250.00	15.00	0.00004
-250.00	13.00	0.00004	-250.00	11.00	0.00004
-250.00	9.00	0.00004	-250.00	-9.00	0.00003
-250.00	-11.00	0.00003	-250.00	-13.00	0.00003
-250.00	-15.00	0.00003	-250.00	-17.00	0.00003
-250.00	-20.00	0.00003	-250.00	-25.00	0.00003
-250.00	-30.00	0.00003	-250.00	-40.00	0.00003
-250.00	-50.00	0.00003	-250.00	-60.00	0.00003
-250.00	-70.00	0.00003	-250.00	-80.00	0.00003
-250.00	-90.00	0.00003	-250.00	-100.00	0.00003
-240.00	100.00	0.00005	-240.00	90.00	0.00005
-240.00	80.00	0.00005	-240.00	70.00	0.00005
-240.00	60.00	0.00005	-240.00	50.00	0.00004
-240.00	40.00	0.00004	-240.00	30.00	0.00004
-240.00	25.00	0.00004	-240.00	20.00	0.00004

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00004	-240.00	15.00	0.00004
-240.00	13.00	0.00004	-240.00	11.00	0.00004
-240.00	9.00	0.00004	-240.00	-9.00	0.00003
-240.00	-11.00	0.00003	-240.00	-13.00	0.00003
-240.00	-15.00	0.00003	-240.00	-17.00	0.00003
-240.00	-20.00	0.00003	-240.00	-25.00	0.00003
-240.00	-30.00	0.00003	-240.00	-40.00	0.00003
-240.00	-50.00	0.00003	-240.00	-60.00	0.00003
-240.00	-70.00	0.00003	-240.00	-80.00	0.00003
-240.00	-90.00	0.00003	-240.00	-100.00	0.00003
-230.00	100.00	0.00005	-230.00	90.00	0.00005
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00005
-230.00	40.00	0.00005	-230.00	30.00	0.00004
-230.00	25.00	0.00004	-230.00	20.00	0.00004
-230.00	17.00	0.00004	-230.00	15.00	0.00004
-230.00	13.00	0.00004	-230.00	11.00	0.00004
-230.00	9.00	0.00004	-230.00	-9.00	0.00004
-230.00	-11.00	0.00004	-230.00	-13.00	0.00004
-230.00	-15.00	0.00004	-230.00	-17.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00004	-230.00	-25.00	0.00004
-230.00	-30.00	0.00004	-230.00	-40.00	0.00004
-230.00	-50.00	0.00004	-230.00	-60.00	0.00004
-230.00	-70.00	0.00003	-230.00	-80.00	0.00003
-230.00	-90.00	0.00003	-230.00	-100.00	0.00003
-220.00	100.00	0.00005	-220.00	90.00	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00005	-220.00	50.00	0.00005
-220.00	40.00	0.00005	-220.00	30.00	0.00005
-220.00	25.00	0.00005	-220.00	20.00	0.00004
-220.00	17.00	0.00004	-220.00	15.00	0.00004
-220.00	13.00	0.00004	-220.00	11.00	0.00004
-220.00	9.00	0.00004	-220.00	-9.00	0.00004
-220.00	-11.00	0.00004	-220.00	-13.00	0.00004



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00004	-220.00	-17.00	0.00004
-220.00	-20.00	0.00004	-220.00	-25.00	0.00004
-220.00	-30.00	0.00004	-220.00	-40.00	0.00004
-220.00	-50.00	0.00004	-220.00	-60.00	0.00004
-220.00	-70.00	0.00004	-220.00	-80.00	0.00003
-220.00	-90.00	0.00003	-220.00	-100.00	0.00003
-210.00	100.00	0.00006	-210.00	90.00	0.00006
-210.00	80.00	0.00006	-210.00	70.00	0.00006
-210.00	60.00	0.00006	-210.00	50.00	0.00005
-210.00	40.00	0.00005	-210.00	30.00	0.00005
-210.00	25.00	0.00005	-210.00	20.00	0.00005
-210.00	17.00	0.00005	-210.00	15.00	0.00005
-210.00	13.00	0.00005	-210.00	11.00	0.00005
-210.00	9.00	0.00004	-210.00	-9.00	0.00004
-210.00	-11.00	0.00004	-210.00	-13.00	0.00004
-210.00	-15.00	0.00004	-210.00	-17.00	0.00004
-210.00	-20.00	0.00004	-210.00	-25.00	0.00004
-210.00	-30.00	0.00004	-210.00	-40.00	0.00004
-210.00	-50.00	0.00004	-210.00	-60.00	0.00004
-210.00	-70.00	0.00004	-210.00	-80.00	0.00004
-210.00	-90.00	0.00003	-210.00	-100.00	0.00003
-200.00	100.00	0.00006	-200.00	90.00	0.00006
-200.00	80.00	0.00006	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00006	-200.00	30.00	0.00005
-200.00	25.00	0.00005	-200.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00005	-200.00	15.00	0.00005
-200.00	13.00	0.00005	-200.00	11.00	0.00005
-200.00	9.00	0.00005	-200.00	-9.00	0.00004
-200.00	-11.00	0.00004	-200.00	-13.00	0.00004
-200.00	-15.00	0.00004	-200.00	-17.00	0.00004
-200.00	-20.00	0.00004	-200.00	-25.00	0.00004
-200.00	-30.00	0.00004	-200.00	-40.00	0.00004
-200.00	-50.00	0.00004	-200.00	-60.00	0.00004

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00004	-200.00	-80.00	0.00004
-200.00	-90.00	0.00004	-200.00	-100.00	0.00003
-190.00	100.00	0.00006	-190.00	90.00	0.00006
-190.00	80.00	0.00007	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00006
-190.00	25.00	0.00006	-190.00	20.00	0.00005
-190.00	17.00	0.00005	-190.00	15.00	0.00005
-190.00	13.00	0.00005	-190.00	11.00	0.00005
-190.00	9.00	0.00005	-190.00	-9.00	0.00005
-190.00	-11.00	0.00005	-190.00	-13.00	0.00005
-190.00	-15.00	0.00005	-190.00	-17.00	0.00005
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005
-190.00	-30.00	0.00005	-190.00	-40.00	0.00005
-190.00	-50.00	0.00005	-190.00	-60.00	0.00004
-190.00	-70.00	0.00004	-190.00	-80.00	0.00004
-190.00	-90.00	0.00004	-190.00	-100.00	0.00004
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00007	-180.00	70.00	0.00007
-180.00	60.00	0.00007	-180.00	50.00	0.00007
-180.00	40.00	0.00006	-180.00	30.00	0.00006
-180.00	25.00	0.00006	-180.00	20.00	0.00006
-180.00	17.00	0.00006	-180.00	15.00	0.00006
-180.00	13.00	0.00006	-180.00	11.00	0.00006
-180.00	9.00	0.00005	-180.00	-9.00	0.00005
-180.00	-11.00	0.00005	-180.00	-13.00	0.00005
-180.00	-15.00	0.00005	-180.00	-17.00	0.00005
-180.00	-20.00	0.00005	-180.00	-25.00	0.00005
-180.00	-30.00	0.00005	-180.00	-40.00	0.00005
-180.00	-50.00	0.00005	-180.00	-60.00	0.00005
-180.00	-70.00	0.00004	-180.00	-80.00	0.00004
-180.00	-90.00	0.00004	-180.00	-100.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00007
-170.00	80.00	0.00007	-170.00	70.00	0.00007

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00007
-170.00	25.00	0.00007	-170.00	20.00	0.00006
-170.00	17.00	0.00006	-170.00	15.00	0.00006
-170.00	13.00	0.00006	-170.00	11.00	0.00006
-170.00	9.00	0.00006	-170.00	-9.00	0.00005
-170.00	-11.00	0.00005	-170.00	-13.00	0.00005
-170.00	-15.00	0.00005	-170.00	-17.00	0.00005
-170.00	-20.00	0.00005	-170.00	-25.00	0.00005
-170.00	-30.00	0.00005	-170.00	-40.00	0.00005
-170.00	-50.00	0.00005	-170.00	-60.00	0.00005
-170.00	-70.00	0.00005	-170.00	-80.00	0.00004
-170.00	-90.00	0.00004	-170.00	-100.00	0.00004
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00008
-160.00	60.00	0.00008	-160.00	50.00	0.00008
-160.00	40.00	0.00008	-160.00	30.00	0.00007
-160.00	25.00	0.00007	-160.00	20.00	0.00007
-160.00	17.00	0.00007	-160.00	15.00	0.00007
-160.00	13.00	0.00007	-160.00	11.00	0.00006
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00006	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00006
-160.00	-30.00	0.00006	-160.00	-40.00	0.00006
-160.00	-50.00	0.00006	-160.00	-60.00	0.00005
-160.00	-70.00	0.00005	-160.00	-80.00	0.00005
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00009	-150.00	70.00	0.00009
-150.00	60.00	0.00009	-150.00	50.00	0.00008
-150.00	40.00	0.00008	-150.00	30.00	0.00008
-150.00	25.00	0.00008	-150.00	20.00	0.00007
-150.00	17.00	0.00007	-150.00	15.00	0.00007
-150.00	13.00	0.00007	-150.00	11.00	0.00007
-150.00	9.00	0.00007	-150.00	-9.00	0.00006
-150.00	-11.00	0.00006	-150.00	-13.00	0.00006
-150.00	-15.00	0.00006	-150.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

06NCRA PL91-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00006	-150.00	-25.00	0.00006	
-150.00	-30.00	0.00006	-150.00	-40.00	0.00006	
-150.00	-50.00	0.00006	-150.00	-60.00	0.00006	
-150.00	-70.00	0.00005	-150.00	-80.00	0.00005	
-150.00	-90.00	0.00005	-150.00	-100.00	0.00004	
-140.00	100.00	0.00009	-140.00	90.00	0.00009	
-140.00	80.00	0.00009	-140.00	70.00	0.00009	
-140.00	60.00	0.00009	-140.00	50.00	0.00009	
-140.00	40.00	0.00009	-140.00	30.00	0.00009	
-140.00	25.00	0.00008	-140.00	20.00	0.00008	
-140.00	17.00	0.00008	-140.00	15.00	0.00008	
-140.00	13.00	0.00008	-140.00	11.00	0.00008	
-140.00	9.00	0.00007	-140.00	-9.00	0.00007	
-140.00	-11.00	0.00007	-140.00	-13.00	0.00007	
-140.00	-15.00	0.00007	-140.00	-17.00	0.00007	
-140.00	-20.00	0.00007	-140.00	-25.00	0.00007	
-140.00	-30.00	0.00007	-140.00	-40.00	0.00007	
-140.00	-50.00	0.00006	-140.00	-60.00	0.00006	
-140.00	-70.00	0.00006	-140.00	-80.00	0.00005	
-140.00	-90.00	0.00005	-140.00	-100.00	0.00005	
-130.00	100.00	0.00009	-130.00	90.00	0.00010	
-130.00	80.00	0.00010	-130.00	70.00	0.00010	
-130.00	60.00	0.00010	-130.00	50.00	0.00010	
-130.00	40.00	0.00010	-130.00	30.00	0.00009	
-130.00	25.00	0.00009	-130.00	20.00	0.00009	
-130.00	17.00	0.00009	-130.00	15.00	0.00009	
-130.00	13.00	0.00008	-130.00	11.00	0.00008	
-130.00	9.00	0.00008	-130.00	-9.00	0.00007	
-130.00	-11.00	0.00007	-130.00	-13.00	0.00007	
-130.00	-15.00	0.00007	-130.00	-17.00	0.00007	
-130.00	-20.00	0.00007	-130.00	-25.00	0.00007	
-130.00	-30.00	0.00007	-130.00	-40.00	0.00007	
-130.00	-50.00	0.00007	-130.00	-60.00	0.00006	
-130.00	-70.00	0.00006	-130.00	-80.00	0.00005	
-130.00	-90.00	0.00005	-130.00	-100.00	0.00005	
-120.00	100.00	0.00010	-120.00	90.00	0.00011	
-120.00	80.00	0.00011	-120.00	70.00	0.00011	
-120.00	60.00	0.00011	-120.00	50.00	0.00011	
-120.00	40.00	0.00011	-120.00	30.00	0.00010	
-120.00	25.00	0.00010	-120.00	20.00	0.00010	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

10:24:40

\*\*MODELOPTS:

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00010	-120.00	15.00	0.00009
-120.00	13.00	0.00009	-120.00	11.00	0.00009
-120.00	9.00	0.00009	-120.00	-9.00	0.00008
-120.00	-11.00	0.00008	-120.00	-13.00	0.00008
-120.00	-15.00	0.00008	-120.00	-17.00	0.00008
-120.00	-20.00	0.00008	-120.00	-25.00	0.00008
-120.00	-30.00	0.00008	-120.00	-40.00	0.00008
-120.00	-50.00	0.00007	-120.00	-60.00	0.00007
-120.00	-70.00	0.00006	-120.00	-80.00	0.00006
-120.00	-90.00	0.00006	-120.00	-100.00	0.00006
-110.00	100.00	0.00011	-110.00	90.00	0.00011
-110.00	80.00	0.00012	-110.00	70.00	0.00012
-110.00	60.00	0.00012	-110.00	50.00	0.00012
-110.00	40.00	0.00012	-110.00	30.00	0.00011
-110.00	25.00	0.00011	-110.00	20.00	0.00011
-110.00	17.00	0.00011	-110.00	15.00	0.00010
-110.00	13.00	0.00010	-110.00	11.00	0.00010
-110.00	9.00	0.00010	-110.00	-9.00	0.00009
-110.00	-11.00	0.00009	-110.00	-13.00	0.00009
-110.00	-15.00	0.00009	-110.00	-17.00	0.00009
-110.00	-20.00	0.00009	-110.00	-25.00	0.00009
-110.00	-30.00	0.00009	-110.00	-40.00	0.00008
-110.00	-50.00	0.00008	-110.00	-60.00	0.00007
-110.00	-70.00	0.00007	-110.00	-80.00	0.00006
-110.00	-90.00	0.00006	-110.00	-100.00	0.00006
-100.00	100.00	0.00012	-100.00	90.00	0.00012
-100.00	80.00	0.00013	-100.00	70.00	0.00013
-100.00	60.00	0.00013	-100.00	50.00	0.00013
-100.00	40.00	0.00013	-100.00	30.00	0.00013
-100.00	25.00	0.00012	-100.00	20.00	0.00012
-100.00	17.00	0.00012	-100.00	15.00	0.00011
-100.00	13.00	0.00011	-100.00	11.00	0.00011
-100.00	9.00	0.00011	-100.00	-9.00	0.00010
-100.00	-11.00	0.00010	-100.00	-13.00	0.00010

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00010	-100.00	-17.00	0.00010
-100.00	-20.00	0.00010	-100.00	-25.00	0.00010
-100.00	-30.00	0.00010	-100.00	-40.00	0.00009
-100.00	-50.00	0.00008	-100.00	-60.00	0.00008
-100.00	-70.00	0.00007	-100.00	-80.00	0.00007
-100.00	-90.00	0.00007	-100.00	-100.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00013	-90.00	90.00	0.00013
-90.00	80.00	0.00014	-90.00	70.00	0.00014
-90.00	60.00	0.00015	-90.00	50.00	0.00015
-90.00	40.00	0.00015	-90.00	30.00	0.00014
-90.00	25.00	0.00014	-90.00	20.00	0.00013
-90.00	17.00	0.00013	-90.00	15.00	0.00013
-90.00	13.00	0.00013	-90.00	11.00	0.00012
-90.00	9.00	0.00012	-90.00	-9.00	0.00011
-90.00	-11.00	0.00011	-90.00	-13.00	0.00011
-90.00	-15.00	0.00011	-90.00	-17.00	0.00011
-90.00	-20.00	0.00011	-90.00	-25.00	0.00011
-90.00	-30.00	0.00011	-90.00	-40.00	0.00010
-90.00	-50.00	0.00009	-90.00	-60.00	0.00008
-90.00	-70.00	0.00008	-90.00	-80.00	0.00008
-90.00	-90.00	0.00008	-90.00	-100.00	0.00008
-80.00	100.00	0.00014	-80.00	90.00	0.00015
-80.00	80.00	0.00015	-80.00	70.00	0.00016
-80.00	60.00	0.00016	-80.00	50.00	0.00017
-80.00	40.00	0.00016	-80.00	30.00	0.00016
-80.00	25.00	0.00016	-80.00	20.00	0.00015
-80.00	17.00	0.00015	-80.00	15.00	0.00014
-80.00	13.00	0.00014	-80.00	11.00	0.00014
-80.00	9.00	0.00014	-80.00	-9.00	0.00012
-80.00	-11.00	0.00012	-80.00	-13.00	0.00012
-80.00	-15.00	0.00012	-80.00	-17.00	0.00012
-80.00	-20.00	0.00012	-80.00	-25.00	0.00012
-80.00	-30.00	0.00012	-80.00	-40.00	0.00011
-80.00	-50.00	0.00010	-80.00	-60.00	0.00009

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00008	-80.00	-80.00	0.00008
-80.00	-90.00	0.00009	-80.00	-100.00	0.00009
-70.00	100.00	0.00015	-70.00	90.00	0.00016
-70.00	80.00	0.00017	-70.00	70.00	0.00017
-70.00	60.00	0.00018	-70.00	50.00	0.00019
-70.00	40.00	0.00019	-70.00	30.00	0.00018
-70.00	25.00	0.00018	-70.00	20.00	0.00017
-70.00	17.00	0.00017	-70.00	15.00	0.00016
-70.00	13.00	0.00016	-70.00	11.00	0.00016
-70.00	9.00	0.00015	-70.00	-9.00	0.00013
-70.00	-11.00	0.00013	-70.00	-13.00	0.00013
-70.00	-15.00	0.00013	-70.00	-17.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00013	-70.00	-25.00	0.00013
-70.00	-30.00	0.00013	-70.00	-40.00	0.00012
-70.00	-50.00	0.00011	-70.00	-60.00	0.00010
-70.00	-70.00	0.00009	-70.00	-80.00	0.00009
-70.00	-90.00	0.00010	-70.00	-100.00	0.00010
-60.00	100.00	0.00017	-60.00	90.00	0.00018
-60.00	80.00	0.00018	-60.00	70.00	0.00019
-60.00	60.00	0.00020	-60.00	50.00	0.00021
-60.00	40.00	0.00021	-60.00	30.00	0.00021
-60.00	25.00	0.00020	-60.00	20.00	0.00019
-60.00	17.00	0.00019	-60.00	15.00	0.00019
-60.00	13.00	0.00018	-60.00	11.00	0.00018
-60.00	9.00	0.00017	-60.00	-9.00	0.00015
-60.00	-11.00	0.00015	-60.00	-13.00	0.00015
-60.00	-15.00	0.00015	-60.00	-17.00	0.00015
-60.00	-20.00	0.00015	-60.00	-25.00	0.00015
-60.00	-30.00	0.00014	-60.00	-40.00	0.00013
-60.00	-50.00	0.00012	-60.00	-60.00	0.00011
-60.00	-70.00	0.00011	-60.00	-80.00	0.00011
-60.00	-90.00	0.00011	-60.00	-100.00	0.00011
-50.00	100.00	0.00018	-50.00	90.00	0.00019
-50.00	80.00	0.00020	-50.00	70.00	0.00021

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00023	-50.00	50.00	0.00023
-50.00	40.00	0.00024	-50.00	30.00	0.00024
-50.00	25.00	0.00023	-50.00	20.00	0.00022
-50.00	17.00	0.00022	-50.00	15.00	0.00021
-50.00	13.00	0.00021	-50.00	11.00	0.00021
-50.00	9.00	0.00020	-50.00	-9.00	0.00017
-50.00	-11.00	0.00017	-50.00	-13.00	0.00017
-50.00	-15.00	0.00017	-50.00	-17.00	0.00017
-50.00	-20.00	0.00017	-50.00	-25.00	0.00016
-50.00	-30.00	0.00016	-50.00	-40.00	0.00014
-50.00	-50.00	0.00013	-50.00	-60.00	0.00012
-50.00	-70.00	0.00012	-50.00	-80.00	0.00013
-50.00	-90.00	0.00013	-50.00	-100.00	0.00013
-40.00	100.00	0.00020	-40.00	90.00	0.00021
-40.00	80.00	0.00023	-40.00	70.00	0.00024
-40.00	60.00	0.00025	-40.00	50.00	0.00027
-40.00	40.00	0.00027	-40.00	30.00	0.00027
-40.00	25.00	0.00027	-40.00	20.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00025	-40.00	15.00	0.00025
-40.00	13.00	0.00024	-40.00	11.00	0.00024
-40.00	9.00	0.00023	-40.00	-9.00	0.00020
-40.00	-11.00	0.00020	-40.00	-13.00	0.00020
-40.00	-15.00	0.00019	-40.00	-17.00	0.00019
-40.00	-20.00	0.00019	-40.00	-25.00	0.00018
-40.00	-30.00	0.00017	-40.00	-40.00	0.00015
-40.00	-50.00	0.00014	-40.00	-60.00	0.00014
-40.00	-70.00	0.00014	-40.00	-80.00	0.00014
-40.00	-90.00	0.00014	-40.00	-100.00	0.00014
-30.00	100.00	0.00021	-30.00	90.00	0.00023
-30.00	80.00	0.00025	-30.00	70.00	0.00027
-30.00	60.00	0.00029	-30.00	50.00	0.00030
-30.00	40.00	0.00032	-30.00	30.00	0.00032
-30.00	25.00	0.00032	-30.00	20.00	0.00031
-30.00	17.00	0.00030	-30.00	15.00	0.00029



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00029	-30.00	11.00	0.00028
-30.00	9.00	0.00027	-30.00	-9.00	0.00023
-30.00	-11.00	0.00023	-30.00	-13.00	0.00023
-30.00	-15.00	0.00022	-30.00	-17.00	0.00022
-30.00	-20.00	0.00022	-30.00	-25.00	0.00021
-30.00	-30.00	0.00019	-30.00	-40.00	0.00017
-30.00	-50.00	0.00017	-30.00	-60.00	0.00017
-30.00	-70.00	0.00017	-30.00	-80.00	0.00017
-30.00	-90.00	0.00016	-30.00	-100.00	0.00016
-20.00	100.00	0.00023	-20.00	90.00	0.00025
-20.00	80.00	0.00028	-20.00	70.00	0.00031
-20.00	60.00	0.00033	-20.00	50.00	0.00035
-20.00	40.00	0.00037	-20.00	30.00	0.00038
-20.00	25.00	0.00037	-20.00	20.00	0.00037
-20.00	17.00	0.00036	-20.00	15.00	0.00035
-20.00	13.00	0.00034	-20.00	11.00	0.00033
-20.00	9.00	0.00032	-20.00	-9.00	0.00027
-20.00	-11.00	0.00026	-20.00	-13.00	0.00026
-20.00	-15.00	0.00026	-20.00	-17.00	0.00026
-20.00	-20.00	0.00025	-20.00	-25.00	0.00023
-20.00	-30.00	0.00022	-20.00	-40.00	0.00020
-20.00	-50.00	0.00020	-20.00	-60.00	0.00020
-20.00	-70.00	0.00020	-20.00	-80.00	0.00019
-20.00	-90.00	0.00018	-20.00	-100.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00024	-10.00	90.00	0.00027
-10.00	80.00	0.00031	-10.00	70.00	0.00034
-10.00	60.00	0.00037	-10.00	50.00	0.00040
-10.00	40.00	0.00043	-10.00	30.00	0.00045
-10.00	25.00	0.00045	-10.00	20.00	0.00044
-10.00	17.00	0.00043	-10.00	15.00	0.00042
-10.00	13.00	0.00042	-10.00	11.00	0.00040
-10.00	9.00	0.00039	-10.00	-9.00	0.00031
-10.00	-11.00	0.00031	-10.00	-13.00	0.00031
-10.00	-15.00	0.00030	-10.00	-17.00	0.00029

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00028	-10.00	-25.00	0.00026
-10.00	-30.00	0.00025	-10.00	-40.00	0.00023
-10.00	-50.00	0.00023	-10.00	-60.00	0.00023
-10.00	-70.00	0.00023	-10.00	-80.00	0.00022
-10.00	-90.00	0.00020	-10.00	-100.00	0.00019
0.00	100.00	0.00025	0.00	90.00	0.00029
0.00	80.00	0.00033	0.00	70.00	0.00037
0.00	60.00	0.00042	0.00	50.00	0.00047
0.00	40.00	0.00051	0.00	30.00	0.00053
0.00	25.00	0.00054	0.00	20.00	0.00054
0.00	17.00	0.00053	0.00	15.00	0.00052
0.00	13.00	0.00051	0.00	11.00	0.00050
0.00	9.00	0.00048	0.00	-9.00	0.00037
0.00	-11.00	0.00037	0.00	-13.00	0.00036
0.00	-15.00	0.00035	0.00	-17.00	0.00034
0.00	-20.00	0.00032	0.00	-25.00	0.00030
0.00	-30.00	0.00029	0.00	-40.00	0.00028
0.00	-50.00	0.00028	0.00	-60.00	0.00027
0.00	-70.00	0.00026	0.00	-80.00	0.00024
0.00	-90.00	0.00023	0.00	-100.00	0.00021
10.00	100.00	0.00026	10.00	90.00	0.00030
10.00	80.00	0.00035	10.00	70.00	0.00041
10.00	60.00	0.00047	10.00	50.00	0.00054
10.00	40.00	0.00060	10.00	30.00	0.00065
10.00	25.00	0.00066	10.00	20.00	0.00066
10.00	17.00	0.00066	10.00	15.00	0.00065
10.00	13.00	0.00064	10.00	11.00	0.00063
10.00	9.00	0.00061	10.00	-9.00	0.00044
10.00	-11.00	0.00043	10.00	-13.00	0.00042
10.00	-15.00	0.00041	10.00	-17.00	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 53

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00038	10.00	-25.00	0.00036
10.00	-30.00	0.00035	10.00	-40.00	0.00035
10.00	-50.00	0.00033	10.00	-60.00	0.00032
10.00	-70.00	0.00030	10.00	-80.00	0.00027

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00025	10.00	-100.00	0.00023
20.00	100.00	0.00025	20.00	90.00	0.00030
20.00	80.00	0.00036	20.00	70.00	0.00043
20.00	60.00	0.00051	20.00	50.00	0.00060
20.00	40.00	0.00070	20.00	30.00	0.00079
20.00	25.00	0.00082	20.00	20.00	0.00084
20.00	17.00	0.00083	20.00	15.00	0.00083
20.00	13.00	0.00082	20.00	11.00	0.00080
20.00	9.00	0.00078	20.00	-9.00	0.00052
20.00	-11.00	0.00051	20.00	-13.00	0.00049
20.00	-15.00	0.00048	20.00	-17.00	0.00047
20.00	-20.00	0.00045	20.00	-25.00	0.00045
20.00	-30.00	0.00044	20.00	-40.00	0.00042
20.00	-50.00	0.00039	20.00	-60.00	0.00037
20.00	-70.00	0.00034	20.00	-80.00	0.00030
20.00	-90.00	0.00027	20.00	-100.00	0.00024
30.00	100.00	0.00025	30.00	90.00	0.00030
30.00	80.00	0.00036	30.00	70.00	0.00044
30.00	60.00	0.00053	30.00	50.00	0.00065
30.00	40.00	0.00079	30.00	30.00	0.00094
30.00	25.00	0.00101	30.00	20.00	0.00106
30.00	17.00	0.00108	30.00	15.00	0.00108
30.00	13.00	0.00107	30.00	11.00	0.00106
30.00	9.00	0.00103	30.00	-9.00	0.00063
30.00	-11.00	0.00061	30.00	-13.00	0.00060
30.00	-15.00	0.00059	30.00	-17.00	0.00058
30.00	-20.00	0.00057	30.00	-25.00	0.00055
30.00	-30.00	0.00053	30.00	-40.00	0.00050
30.00	-50.00	0.00046	30.00	-60.00	0.00042
30.00	-70.00	0.00038	30.00	-80.00	0.00034
30.00	-90.00	0.00030	30.00	-100.00	0.00027
40.00	100.00	0.00024	40.00	90.00	0.00029
40.00	80.00	0.00036	40.00	70.00	0.00044
40.00	60.00	0.00054	40.00	50.00	0.00067
40.00	40.00	0.00084	40.00	30.00	0.00105
40.00	25.00	0.00117	40.00	20.00	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

06NCRA PL91-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00135	40.00	15.00	0.00138
40.00	13.00	0.00141	40.00	11.00	0.00143
40.00	9.00	0.00144	40.00	-9.00	0.00081
40.00	-11.00	0.00079	40.00	-13.00	0.00076
40.00	-15.00	0.00075	40.00	-17.00	0.00073
40.00	-20.00	0.00071	40.00	-25.00	0.00068
40.00	-30.00	0.00065	40.00	-40.00	0.00060
40.00	-50.00	0.00055	40.00	-60.00	0.00049
40.00	-70.00	0.00044	40.00	-80.00	0.00038
40.00	-90.00	0.00034	40.00	-100.00	0.00030
50.00	100.00	0.00023	50.00	90.00	0.00028
50.00	80.00	0.00034	50.00	70.00	0.00043
50.00	60.00	0.00054	50.00	50.00	0.00068
50.00	40.00	0.00086	50.00	30.00	0.00110
50.00	25.00	0.00125	50.00	20.00	0.00140
50.00	17.00	0.00149	50.00	15.00	0.00155
50.00	13.00	0.00161	50.00	11.00	0.00167
50.00	9.00	0.00174	50.00	-9.00	0.00152
50.00	-11.00	0.00133	50.00	-13.00	0.00121
50.00	-15.00	0.00113	50.00	-17.00	0.00108
50.00	-20.00	0.00101	50.00	-25.00	0.00093
50.00	-30.00	0.00088	50.00	-40.00	0.00078
50.00	-50.00	0.00069	50.00	-60.00	0.00060
50.00	-70.00	0.00052	50.00	-80.00	0.00045
50.00	-90.00	0.00039	50.00	-100.00	0.00034
60.00	100.00	0.00021	60.00	90.00	0.00026
60.00	80.00	0.00032	60.00	70.00	0.00041
60.00	60.00	0.00052	60.00	50.00	0.00067
60.00	40.00	0.00087	60.00	30.00	0.00114
60.00	25.00	0.00130	60.00	20.00	0.00148
60.00	17.00	0.00160	60.00	15.00	0.00167
60.00	13.00	0.00175	60.00	11.00	0.00185
60.00	9.00	0.00197	60.00	-9.00	0.00356
60.00	-11.00	0.00304	60.00	-13.00	0.00262
60.00	-15.00	0.00229	60.00	-17.00	0.00204
60.00	-20.00	0.00177	60.00	-25.00	0.00149
60.00	-30.00	0.00131	60.00	-40.00	0.00106
60.00	-50.00	0.00088	60.00	-60.00	0.00074
60.00	-70.00	0.00062	60.00	-80.00	0.00053
60.00	-90.00	0.00046	60.00	-100.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00020	70.00	90.00	0.00024	
70.00	80.00	0.00030	70.00	70.00	0.00039	
70.00	60.00	0.00050	70.00	50.00	0.00066	
70.00	40.00	0.00087	70.00	30.00	0.00115	
70.00	25.00	0.00133	70.00	20.00	0.00153	
70.00	17.00	0.00167	70.00	15.00	0.00178	
70.00	13.00	0.00189	70.00	11.00	0.00203	
70.00	9.00	0.00221	70.00	-9.00	0.00519	
70.00	-11.00	0.00470	70.00	-13.00	0.00425	
70.00	-15.00	0.00383	70.00	-17.00	0.00346	
70.00	-20.00	0.00297	70.00	-25.00	0.00237	
70.00	-30.00	0.00197	70.00	-40.00	0.00147	
70.00	-50.00	0.00116	70.00	-60.00	0.00093	
70.00	-70.00	0.00076	70.00	-80.00	0.00063	
70.00	-90.00	0.00054	70.00	-100.00	0.00046	
80.00	100.00	0.00018	80.00	90.00	0.00023	
80.00	80.00	0.00028	80.00	70.00	0.00036	
80.00	60.00	0.00047	80.00	50.00	0.00063	
80.00	40.00	0.00084	80.00	30.00	0.00114	
80.00	25.00	0.00133	80.00	20.00	0.00156	
80.00	17.00	0.00173	80.00	15.00	0.00186	
80.00	13.00	0.00200	80.00	11.00	0.00218	
80.00	9.00	0.00241	80.00	-9.00	0.00619	
80.00	-11.00	0.00577	80.00	-13.00	0.00538	
80.00	-15.00	0.00500	80.00	-17.00	0.00464	
80.00	-20.00	0.00413	80.00	-25.00	0.00339	
80.00	-30.00	0.00279	80.00	-40.00	0.00199	
80.00	-50.00	0.00149	80.00	-60.00	0.00116	
80.00	-70.00	0.00093	80.00	-80.00	0.00076	
80.00	-90.00	0.00064	80.00	-100.00	0.00054	
90.00	100.00	0.00017	90.00	90.00	0.00021	
90.00	80.00	0.00026	90.00	70.00	0.00033	
90.00	60.00	0.00043	90.00	50.00	0.00058	
90.00	40.00	0.00079	90.00	30.00	0.00109	
90.00	25.00	0.00130	90.00	20.00	0.00156	
90.00	17.00	0.00175	90.00	15.00	0.00190	

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00207	90.00	11.00	0.00228
90.00	9.00	0.00254	90.00	-9.00	0.00683
90.00	-11.00	0.00645	90.00	-13.00	0.00610
90.00	-15.00	0.00576	90.00	-17.00	0.00544

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00497	90.00	-25.00	0.00423
90.00	-30.00	0.00357	90.00	-40.00	0.00254
90.00	-50.00	0.00187	90.00	-60.00	0.00143
90.00	-70.00	0.00113	90.00	-80.00	0.00091
90.00	-90.00	0.00075	90.00	-100.00	0.00062
100.00	100.00	0.00016	100.00	90.00	0.00019
100.00	80.00	0.00024	100.00	70.00	0.00030
100.00	60.00	0.00039	100.00	50.00	0.00051
100.00	40.00	0.00071	100.00	30.00	0.00102
100.00	25.00	0.00124	100.00	20.00	0.00152
100.00	17.00	0.00173	100.00	15.00	0.00189
100.00	13.00	0.00208	100.00	11.00	0.00231
100.00	9.00	0.00259	100.00	-9.00	0.00725
100.00	-11.00	0.00689	100.00	-13.00	0.00658
100.00	-15.00	0.00627	100.00	-17.00	0.00597
100.00	-20.00	0.00553	100.00	-25.00	0.00483
100.00	-30.00	0.00417	100.00	-40.00	0.00306
100.00	-50.00	0.00226	100.00	-60.00	0.00171
100.00	-70.00	0.00133	100.00	-80.00	0.00107
100.00	-90.00	0.00087	100.00	-100.00	0.00072
110.00	100.00	0.00015	110.00	90.00	0.00018
110.00	80.00	0.00022	110.00	70.00	0.00027
110.00	60.00	0.00034	110.00	50.00	0.00045
110.00	40.00	0.00062	110.00	30.00	0.00091
110.00	25.00	0.00112	110.00	20.00	0.00142
110.00	17.00	0.00164	110.00	15.00	0.00181
110.00	13.00	0.00201	110.00	11.00	0.00226
110.00	9.00	0.00256	110.00	-9.00	0.00753
110.00	-11.00	0.00718	110.00	-13.00	0.00689
110.00	-15.00	0.00660	110.00	-17.00	0.00632

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00589	110.00	-25.00	0.00522
110.00	-30.00	0.00460	110.00	-40.00	0.00349
110.00	-50.00	0.00263	110.00	-60.00	0.00200
110.00	-70.00	0.00155	110.00	-80.00	0.00123
110.00	-90.00	0.00100	110.00	-100.00	0.00082
120.00	100.00	0.00014	120.00	90.00	0.00017
120.00	80.00	0.00020	120.00	70.00	0.00025
120.00	60.00	0.00031	120.00	50.00	0.00040
120.00	40.00	0.00054	120.00	30.00	0.00078
120.00	25.00	0.00097	120.00	20.00	0.00125

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00146	120.00	15.00	0.00164
120.00	13.00	0.00184	120.00	11.00	0.00210
120.00	9.00	0.00241	120.00	-9.00	0.00769
120.00	-11.00	0.00735	120.00	-13.00	0.00705
120.00	-15.00	0.00678	120.00	-17.00	0.00651
120.00	-20.00	0.00611	120.00	-25.00	0.00547
120.00	-30.00	0.00487	120.00	-40.00	0.00381
120.00	-50.00	0.00294	120.00	-60.00	0.00226
120.00	-70.00	0.00176	120.00	-80.00	0.00140
120.00	-90.00	0.00113	120.00	-100.00	0.00093
130.00	100.00	0.00014	130.00	90.00	0.00016
130.00	80.00	0.00019	130.00	70.00	0.00023
130.00	60.00	0.00028	130.00	50.00	0.00036
130.00	40.00	0.00048	130.00	30.00	0.00068
130.00	25.00	0.00084	130.00	20.00	0.00106
130.00	17.00	0.00124	130.00	15.00	0.00139
130.00	13.00	0.00157	130.00	11.00	0.00180
130.00	9.00	0.00209	130.00	-9.00	0.00771
130.00	-11.00	0.00739	130.00	-13.00	0.00708
130.00	-15.00	0.00683	130.00	-17.00	0.00659
130.00	-20.00	0.00621	130.00	-25.00	0.00560
130.00	-30.00	0.00503	130.00	-40.00	0.00402
130.00	-50.00	0.00317	130.00	-60.00	0.00248
130.00	-70.00	0.00195	130.00	-80.00	0.00155

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00125	130.00	-100.00	0.00102
140.00	100.00	0.00013	140.00	90.00	0.00015
140.00	80.00	0.00018	140.00	70.00	0.00021
140.00	60.00	0.00026	140.00	50.00	0.00033
140.00	40.00	0.00044	140.00	30.00	0.00063
140.00	25.00	0.00077	140.00	20.00	0.00096
140.00	17.00	0.00112	140.00	15.00	0.00125
140.00	13.00	0.00141	140.00	11.00	0.00160
140.00	9.00	0.00185	140.00	-9.00	0.00710
140.00	-11.00	0.00701	140.00	-13.00	0.00682
140.00	-15.00	0.00661	140.00	-17.00	0.00641
140.00	-20.00	0.00609	140.00	-25.00	0.00555
140.00	-30.00	0.00502	140.00	-40.00	0.00409
140.00	-50.00	0.00329	140.00	-60.00	0.00262
140.00	-70.00	0.00209	140.00	-80.00	0.00167
140.00	-90.00	0.00135	140.00	-100.00	0.00111

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00012	150.00	90.00	0.00014
150.00	80.00	0.00017	150.00	70.00	0.00020
150.00	60.00	0.00025	150.00	50.00	0.00031
150.00	40.00	0.00041	150.00	30.00	0.00058
150.00	25.00	0.00070	150.00	20.00	0.00088
150.00	17.00	0.00102	150.00	15.00	0.00114
150.00	13.00	0.00128	150.00	11.00	0.00145
150.00	9.00	0.00166	150.00	-9.00	0.00509
150.00	-11.00	0.00534	150.00	-13.00	0.00550
150.00	-15.00	0.00558	150.00	-17.00	0.00557
150.00	-20.00	0.00547	150.00	-25.00	0.00515
150.00	-30.00	0.00476	150.00	-40.00	0.00399
150.00	-50.00	0.00329	150.00	-60.00	0.00268
150.00	-70.00	0.00217	150.00	-80.00	0.00176
150.00	-90.00	0.00144	150.00	-100.00	0.00118
160.00	100.00	0.00012	160.00	90.00	0.00014
160.00	80.00	0.00016	160.00	70.00	0.00019
160.00	60.00	0.00023	160.00	50.00	0.00029



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00038	160.00	30.00	0.00053
160.00	25.00	0.00065	160.00	20.00	0.00081
160.00	17.00	0.00093	160.00	15.00	0.00103
160.00	13.00	0.00114	160.00	11.00	0.00127
160.00	9.00	0.00142	160.00	-9.00	0.00353
160.00	-11.00	0.00375	160.00	-13.00	0.00394
160.00	-15.00	0.00410	160.00	-17.00	0.00423
160.00	-20.00	0.00435	160.00	-25.00	0.00437
160.00	-30.00	0.00422	160.00	-40.00	0.00372
160.00	-50.00	0.00316	160.00	-60.00	0.00264
160.00	-70.00	0.00219	160.00	-80.00	0.00181
160.00	-90.00	0.00149	160.00	-100.00	0.00124
170.00	100.00	0.00011	170.00	90.00	0.00013
170.00	80.00	0.00015	170.00	70.00	0.00017
170.00	60.00	0.00021	170.00	50.00	0.00026
170.00	40.00	0.00035	170.00	30.00	0.00050
170.00	25.00	0.00060	170.00	20.00	0.00073
170.00	17.00	0.00083	170.00	15.00	0.00091
170.00	13.00	0.00099	170.00	11.00	0.00108
170.00	9.00	0.00119	170.00	-9.00	0.00257
170.00	-11.00	0.00272	170.00	-13.00	0.00285
170.00	-15.00	0.00298	170.00	-17.00	0.00310

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00326	170.00	-25.00	0.00344
170.00	-30.00	0.00349	170.00	-40.00	0.00331
170.00	-50.00	0.00294	170.00	-60.00	0.00253
170.00	-70.00	0.00215	170.00	-80.00	0.00181
170.00	-90.00	0.00151	170.00	-100.00	0.00127
180.00	100.00	0.00010	180.00	90.00	0.00012
180.00	80.00	0.00014	180.00	70.00	0.00016
180.00	60.00	0.00020	180.00	50.00	0.00025
180.00	40.00	0.00033	180.00	30.00	0.00046
180.00	25.00	0.00055	180.00	20.00	0.00066
180.00	17.00	0.00074	180.00	15.00	0.00079
180.00	13.00	0.00085	180.00	11.00	0.00092

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00100	180.00	-9.00	0.00195
180.00	-11.00	0.00205	180.00	-13.00	0.00215
180.00	-15.00	0.00224	180.00	-17.00	0.00233
180.00	-20.00	0.00246	180.00	-25.00	0.00264
180.00	-30.00	0.00276	180.00	-40.00	0.00281
180.00	-50.00	0.00264	180.00	-60.00	0.00236
180.00	-70.00	0.00206	180.00	-80.00	0.00177
180.00	-90.00	0.00151	180.00	-100.00	0.00128
190.00	100.00	0.00010	190.00	90.00	0.00011
190.00	80.00	0.00013	190.00	70.00	0.00015
190.00	60.00	0.00019	190.00	50.00	0.00024
190.00	40.00	0.00031	190.00	30.00	0.00043
190.00	25.00	0.00050	190.00	20.00	0.00059
190.00	17.00	0.00065	190.00	15.00	0.00069
190.00	13.00	0.00074	190.00	11.00	0.00079
190.00	9.00	0.00085	190.00	-9.00	0.00153
190.00	-11.00	0.00160	190.00	-13.00	0.00167
190.00	-15.00	0.00174	190.00	-17.00	0.00181
190.00	-20.00	0.00190	190.00	-25.00	0.00205
190.00	-30.00	0.00217	190.00	-40.00	0.00232
190.00	-50.00	0.00229	190.00	-60.00	0.00214
190.00	-70.00	0.00193	190.00	-80.00	0.00170
190.00	-90.00	0.00148	190.00	-100.00	0.00127
200.00	100.00	0.00009	200.00	90.00	0.00010
200.00	80.00	0.00012	200.00	70.00	0.00014
200.00	60.00	0.00018	200.00	50.00	0.00023
200.00	40.00	0.00030	200.00	30.00	0.00039
200.00	25.00	0.00045	200.00	20.00	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00057	200.00	15.00	0.00060
200.00	13.00	0.00064	200.00	11.00	0.00068
200.00	9.00	0.00072	200.00	-9.00	0.00123
200.00	-11.00	0.00129	200.00	-13.00	0.00134
200.00	-15.00	0.00139	200.00	-17.00	0.00144
200.00	-20.00	0.00151	200.00	-25.00	0.00163

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00173	200.00	-40.00	0.00189
200.00	-50.00	0.00195	200.00	-60.00	0.00189
200.00	-70.00	0.00176	200.00	-80.00	0.00160
200.00	-90.00	0.00142	200.00	-100.00	0.00125
210.00	100.00	0.00008	210.00	90.00	0.00010
210.00	80.00	0.00011	210.00	70.00	0.00014
210.00	60.00	0.00017	210.00	50.00	0.00022
210.00	40.00	0.00028	210.00	30.00	0.00036
210.00	25.00	0.00041	210.00	20.00	0.00046
210.00	17.00	0.00050	210.00	15.00	0.00053
210.00	13.00	0.00056	210.00	11.00	0.00059
210.00	9.00	0.00063	210.00	-9.00	0.00101
210.00	-11.00	0.00106	210.00	-13.00	0.00110
210.00	-15.00	0.00114	210.00	-17.00	0.00117
210.00	-20.00	0.00123	210.00	-25.00	0.00132
210.00	-30.00	0.00140	210.00	-40.00	0.00155
210.00	-50.00	0.00163	210.00	-60.00	0.00165
210.00	-70.00	0.00159	210.00	-80.00	0.00148
210.00	-90.00	0.00134	210.00	-100.00	0.00120
220.00	100.00	0.00008	220.00	90.00	0.00009
220.00	80.00	0.00011	220.00	70.00	0.00013
220.00	60.00	0.00016	220.00	50.00	0.00021
220.00	40.00	0.00026	220.00	30.00	0.00033
220.00	25.00	0.00037	220.00	20.00	0.00041
220.00	17.00	0.00044	220.00	15.00	0.00047
220.00	13.00	0.00049	220.00	11.00	0.00052
220.00	9.00	0.00055	220.00	-9.00	0.00085
220.00	-11.00	0.00088	220.00	-13.00	0.00091
220.00	-15.00	0.00095	220.00	-17.00	0.00098
220.00	-20.00	0.00102	220.00	-25.00	0.00109
220.00	-30.00	0.00116	220.00	-40.00	0.00128
220.00	-50.00	0.00137	220.00	-60.00	0.00142
220.00	-70.00	0.00140	220.00	-80.00	0.00135
220.00	-90.00	0.00125	220.00	-100.00	0.00115

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00008	230.00	90.00	0.00009
230.00	80.00	0.00011	230.00	70.00	0.00013
230.00	60.00	0.00016	230.00	50.00	0.00019
230.00	40.00	0.00024	230.00	30.00	0.00030
230.00	25.00	0.00033	230.00	20.00	0.00037
230.00	17.00	0.00040	230.00	15.00	0.00041
230.00	13.00	0.00043	230.00	11.00	0.00046
230.00	9.00	0.00048	230.00	-9.00	0.00072
230.00	-11.00	0.00075	230.00	-13.00	0.00077
230.00	-15.00	0.00080	230.00	-17.00	0.00082
230.00	-20.00	0.00086	230.00	-25.00	0.00092
230.00	-30.00	0.00097	230.00	-40.00	0.00107
230.00	-50.00	0.00116	230.00	-60.00	0.00121
230.00	-70.00	0.00123	230.00	-80.00	0.00121
230.00	-90.00	0.00115	230.00	-100.00	0.00108
240.00	100.00	0.00007	240.00	90.00	0.00009
240.00	80.00	0.00010	240.00	70.00	0.00012
240.00	60.00	0.00015	240.00	50.00	0.00018
240.00	40.00	0.00023	240.00	30.00	0.00027
240.00	25.00	0.00030	240.00	20.00	0.00033
240.00	17.00	0.00036	240.00	15.00	0.00037
240.00	13.00	0.00039	240.00	11.00	0.00041
240.00	9.00	0.00043	240.00	-9.00	0.00062
240.00	-11.00	0.00064	240.00	-13.00	0.00066
240.00	-15.00	0.00068	240.00	-17.00	0.00070
240.00	-20.00	0.00073	240.00	-25.00	0.00078
240.00	-30.00	0.00083	240.00	-40.00	0.00091
240.00	-50.00	0.00098	240.00	-60.00	0.00104
240.00	-70.00	0.00108	240.00	-80.00	0.00108
240.00	-90.00	0.00105	240.00	-100.00	0.00100
250.00	100.00	0.00007	250.00	90.00	0.00008
250.00	80.00	0.00010	250.00	70.00	0.00012
250.00	60.00	0.00014	250.00	50.00	0.00017
250.00	40.00	0.00021	250.00	30.00	0.00025
250.00	25.00	0.00027	250.00	20.00	0.00030
250.00	17.00	0.00032	250.00	15.00	0.00033
250.00	13.00	0.00035	250.00	11.00	0.00036
250.00	9.00	0.00038	250.00	-9.00	0.00054
250.00	-11.00	0.00056	250.00	-13.00	0.00058
250.00	-15.00	0.00059	250.00	-17.00	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00063	250.00	-25.00	0.00067	
250.00	-30.00	0.00071	250.00	-40.00	0.00078	
250.00	-50.00	0.00084	250.00	-60.00	0.00090	
250.00	-70.00	0.00094	250.00	-80.00	0.00096	
250.00	-90.00	0.00095	250.00	-100.00	0.00092	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00008	-250.00	90.00	0.00008	
-250.00	80.00	0.00008	-250.00	70.00	0.00008	
-250.00	60.00	0.00008	-250.00	50.00	0.00008	
-250.00	40.00	0.00008	-250.00	30.00	0.00007	
-250.00	25.00	0.00007	-250.00	20.00	0.00007	
-250.00	17.00	0.00007	-250.00	15.00	0.00007	
-250.00	13.00	0.00007	-250.00	11.00	0.00006	
-250.00	9.00	0.00006	-250.00	-9.00	0.00006	
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006	
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006	
-250.00	-20.00	0.00006	-250.00	-25.00	0.00006	
-250.00	-30.00	0.00006	-250.00	-40.00	0.00006	
-250.00	-50.00	0.00006	-250.00	-60.00	0.00005	
-250.00	-70.00	0.00005	-250.00	-80.00	0.00005	
-250.00	-90.00	0.00004	-250.00	-100.00	0.00004	
-240.00	100.00	0.00008	-240.00	90.00	0.00008	
-240.00	80.00	0.00009	-240.00	70.00	0.00009	
-240.00	60.00	0.00009	-240.00	50.00	0.00008	
-240.00	40.00	0.00008	-240.00	30.00	0.00008	
-240.00	25.00	0.00008	-240.00	20.00	0.00007	
-240.00	17.00	0.00007	-240.00	15.00	0.00007	
-240.00	13.00	0.00007	-240.00	11.00	0.00007	
-240.00	9.00	0.00007	-240.00	-9.00	0.00006	

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00006	-240.00	-13.00	0.00006
-240.00	-15.00	0.00006	-240.00	-17.00	0.00006
-240.00	-20.00	0.00006	-240.00	-25.00	0.00006
-240.00	-30.00	0.00006	-240.00	-40.00	0.00006
-240.00	-50.00	0.00006	-240.00	-60.00	0.00006
-240.00	-70.00	0.00005	-240.00	-80.00	0.00005
-240.00	-90.00	0.00005	-240.00	-100.00	0.00004
-230.00	100.00	0.00009	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00009
-230.00	60.00	0.00009	-230.00	50.00	0.00009
-230.00	40.00	0.00009	-230.00	30.00	0.00009
-230.00	25.00	0.00008	-230.00	20.00	0.00008
-230.00	17.00	0.00008	-230.00	15.00	0.00008
-230.00	13.00	0.00008	-230.00	11.00	0.00008
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00007	-230.00	-25.00	0.00007
-230.00	-30.00	0.00007	-230.00	-40.00	0.00007
-230.00	-50.00	0.00006	-230.00	-60.00	0.00006
-230.00	-70.00	0.00006	-230.00	-80.00	0.00005
-230.00	-90.00	0.00005	-230.00	-100.00	0.00005
-220.00	100.00	0.00009	-220.00	90.00	0.00010
-220.00	80.00	0.00010	-220.00	70.00	0.00010
-220.00	60.00	0.00010	-220.00	50.00	0.00010
-220.00	40.00	0.00010	-220.00	30.00	0.00009
-220.00	25.00	0.00009	-220.00	20.00	0.00009
-220.00	17.00	0.00009	-220.00	15.00	0.00009
-220.00	13.00	0.00008	-220.00	11.00	0.00008
-220.00	9.00	0.00008	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007
-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00007
-220.00	-30.00	0.00007	-220.00	-40.00	0.00007



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00013	-190.00	70.00	0.00013
-190.00	60.00	0.00013	-190.00	50.00	0.00013
-190.00	40.00	0.00013	-190.00	30.00	0.00013
-190.00	25.00	0.00012	-190.00	20.00	0.00012
-190.00	17.00	0.00012	-190.00	15.00	0.00011
-190.00	13.00	0.00011	-190.00	11.00	0.00011
-190.00	9.00	0.00011	-190.00	-9.00	0.00010
-190.00	-11.00	0.00010	-190.00	-13.00	0.00010
-190.00	-15.00	0.00010	-190.00	-17.00	0.00010
-190.00	-20.00	0.00010	-190.00	-25.00	0.00010
-190.00	-30.00	0.00010	-190.00	-40.00	0.00009
-190.00	-50.00	0.00008	-190.00	-60.00	0.00008
-190.00	-70.00	0.00007	-190.00	-80.00	0.00007
-190.00	-90.00	0.00007	-190.00	-100.00	0.00007
-180.00	100.00	0.00013	-180.00	90.00	0.00013
-180.00	80.00	0.00014	-180.00	70.00	0.00014
-180.00	60.00	0.00015	-180.00	50.00	0.00015
-180.00	40.00	0.00015	-180.00	30.00	0.00014
-180.00	25.00	0.00014	-180.00	20.00	0.00013
-180.00	17.00	0.00013	-180.00	15.00	0.00013
-180.00	13.00	0.00013	-180.00	11.00	0.00012
-180.00	9.00	0.00012	-180.00	-9.00	0.00011
-180.00	-11.00	0.00011	-180.00	-13.00	0.00011
-180.00	-15.00	0.00011	-180.00	-17.00	0.00011
-180.00	-20.00	0.00011	-180.00	-25.00	0.00011
-180.00	-30.00	0.00011	-180.00	-40.00	0.00010
-180.00	-50.00	0.00009	-180.00	-60.00	0.00008
-180.00	-70.00	0.00008	-180.00	-80.00	0.00008
-180.00	-90.00	0.00008	-180.00	-100.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00014	-170.00	90.00	0.00015
-170.00	80.00	0.00015	-170.00	70.00	0.00016
-170.00	60.00	0.00016	-170.00	50.00	0.00017
-170.00	40.00	0.00016	-170.00	30.00	0.00016
-170.00	25.00	0.00016	-170.00	20.00	0.00015



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00015	-170.00	15.00	0.00014
-170.00	13.00	0.00014	-170.00	11.00	0.00014
-170.00	9.00	0.00014	-170.00	-9.00	0.00012
-170.00	-11.00	0.00012	-170.00	-13.00	0.00012
-170.00	-15.00	0.00012	-170.00	-17.00	0.00012
-170.00	-20.00	0.00012	-170.00	-25.00	0.00012
-170.00	-30.00	0.00012	-170.00	-40.00	0.00011
-170.00	-50.00	0.00010	-170.00	-60.00	0.00009
-170.00	-70.00	0.00008	-170.00	-80.00	0.00008
-170.00	-90.00	0.00009	-170.00	-100.00	0.00009
-160.00	100.00	0.00015	-160.00	90.00	0.00016
-160.00	80.00	0.00017	-160.00	70.00	0.00017
-160.00	60.00	0.00018	-160.00	50.00	0.00019
-160.00	40.00	0.00019	-160.00	30.00	0.00018
-160.00	25.00	0.00018	-160.00	20.00	0.00017
-160.00	17.00	0.00017	-160.00	15.00	0.00016
-160.00	13.00	0.00016	-160.00	11.00	0.00016
-160.00	9.00	0.00015	-160.00	-9.00	0.00013
-160.00	-11.00	0.00013	-160.00	-13.00	0.00013
-160.00	-15.00	0.00013	-160.00	-17.00	0.00013
-160.00	-20.00	0.00013	-160.00	-25.00	0.00013
-160.00	-30.00	0.00013	-160.00	-40.00	0.00012
-160.00	-50.00	0.00011	-160.00	-60.00	0.00010
-160.00	-70.00	0.00009	-160.00	-80.00	0.00009
-160.00	-90.00	0.00010	-160.00	-100.00	0.00010
-150.00	100.00	0.00017	-150.00	90.00	0.00018
-150.00	80.00	0.00018	-150.00	70.00	0.00019
-150.00	60.00	0.00020	-150.00	50.00	0.00021
-150.00	40.00	0.00021	-150.00	30.00	0.00021
-150.00	25.00	0.00020	-150.00	20.00	0.00019
-150.00	17.00	0.00019	-150.00	15.00	0.00019
-150.00	13.00	0.00018	-150.00	11.00	0.00018
-150.00	9.00	0.00017	-150.00	-9.00	0.00015
-150.00	-11.00	0.00015	-150.00	-13.00	0.00015
-150.00	-15.00	0.00015	-150.00	-17.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:24:40  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

06NCRA_PL91-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00015	-150.00	-25.00	0.00015
-150.00	-30.00	0.00014	-150.00	-40.00	0.00013
-150.00	-50.00	0.00012	-150.00	-60.00	0.00011
-150.00	-70.00	0.00011	-150.00	-80.00	0.00011
-150.00	-90.00	0.00011	-150.00	-100.00	0.00011
-140.00	100.00	0.00018	-140.00	90.00	0.00019
-140.00	80.00	0.00020	-140.00	70.00	0.00021
-140.00	60.00	0.00023	-140.00	50.00	0.00023
-140.00	40.00	0.00024	-140.00	30.00	0.00024
-140.00	25.00	0.00023	-140.00	20.00	0.00022
-140.00	17.00	0.00022	-140.00	15.00	0.00021
-140.00	13.00	0.00021	-140.00	11.00	0.00021
-140.00	9.00	0.00020	-140.00	-9.00	0.00017
-140.00	-11.00	0.00017	-140.00	-13.00	0.00017
-140.00	-15.00	0.00017	-140.00	-17.00	0.00017
-140.00	-20.00	0.00017	-140.00	-25.00	0.00016
-140.00	-30.00	0.00016	-140.00	-40.00	0.00014
-140.00	-50.00	0.00013	-140.00	-60.00	0.00012
-140.00	-70.00	0.00012	-140.00	-80.00	0.00013
-140.00	-90.00	0.00013	-140.00	-100.00	0.00013
-130.00	100.00	0.00020	-130.00	90.00	0.00021
-130.00	80.00	0.00023	-130.00	70.00	0.00024
-130.00	60.00	0.00025	-130.00	50.00	0.00027
-130.00	40.00	0.00027	-130.00	30.00	0.00027
-130.00	25.00	0.00027	-130.00	20.00	0.00026
-130.00	17.00	0.00025	-130.00	15.00	0.00025
-130.00	13.00	0.00024	-130.00	11.00	0.00024
-130.00	9.00	0.00023	-130.00	-9.00	0.00020
-130.00	-11.00	0.00020	-130.00	-13.00	0.00020
-130.00	-15.00	0.00019	-130.00	-17.00	0.00019
-130.00	-20.00	0.00019	-130.00	-25.00	0.00018
-130.00	-30.00	0.00017	-130.00	-40.00	0.00015
-130.00	-50.00	0.00014	-130.00	-60.00	0.00014
-130.00	-70.00	0.00014	-130.00	-80.00	0.00014
-130.00	-90.00	0.00014	-130.00	-100.00	0.00014
-120.00	100.00	0.00021	-120.00	90.00	0.00023
-120.00	80.00	0.00025	-120.00	70.00	0.00027
-120.00	60.00	0.00029	-120.00	50.00	0.00030
-120.00	40.00	0.00032	-120.00	30.00	0.00032
-120.00	25.00	0.00032	-120.00	20.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00030	-120.00	15.00	0.00029
-120.00	13.00	0.00029	-120.00	11.00	0.00028
-120.00	9.00	0.00027	-120.00	-9.00	0.00023
-120.00	-11.00	0.00023	-120.00	-13.00	0.00023
-120.00	-15.00	0.00022	-120.00	-17.00	0.00022
-120.00	-20.00	0.00022	-120.00	-25.00	0.00021
-120.00	-30.00	0.00019	-120.00	-40.00	0.00017
-120.00	-50.00	0.00017	-120.00	-60.00	0.00017
-120.00	-70.00	0.00017	-120.00	-80.00	0.00017
-120.00	-90.00	0.00016	-120.00	-100.00	0.00016
-110.00	100.00	0.00023	-110.00	90.00	0.00025
-110.00	80.00	0.00028	-110.00	70.00	0.00031
-110.00	60.00	0.00033	-110.00	50.00	0.00035
-110.00	40.00	0.00037	-110.00	30.00	0.00038
-110.00	25.00	0.00037	-110.00	20.00	0.00037
-110.00	17.00	0.00036	-110.00	15.00	0.00035
-110.00	13.00	0.00034	-110.00	11.00	0.00033
-110.00	9.00	0.00032	-110.00	-9.00	0.00027
-110.00	-11.00	0.00026	-110.00	-13.00	0.00026
-110.00	-15.00	0.00026	-110.00	-17.00	0.00026
-110.00	-20.00	0.00025	-110.00	-25.00	0.00023
-110.00	-30.00	0.00022	-110.00	-40.00	0.00020
-110.00	-50.00	0.00020	-110.00	-60.00	0.00020
-110.00	-70.00	0.00020	-110.00	-80.00	0.00019
-110.00	-90.00	0.00018	-110.00	-100.00	0.00017
-100.00	100.00	0.00024	-100.00	90.00	0.00027
-100.00	80.00	0.00031	-100.00	70.00	0.00034
-100.00	60.00	0.00037	-100.00	50.00	0.00040
-100.00	40.00	0.00043	-100.00	30.00	0.00045
-100.00	25.00	0.00045	-100.00	20.00	0.00044
-100.00	17.00	0.00043	-100.00	15.00	0.00042
-100.00	13.00	0.00042	-100.00	11.00	0.00040
-100.00	9.00	0.00039	-100.00	-9.00	0.00031
-100.00	-11.00	0.00031	-100.00	-13.00	0.00031
-100.00	-15.00	0.00030	-100.00	-17.00	0.00029
-100.00	-20.00	0.00028	-100.00	-25.00	0.00026
-100.00	-30.00	0.00025	-100.00	-40.00	0.00023

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00023	-100.00	-60.00	0.00023
-100.00	-70.00	0.00023	-100.00	-80.00	0.00022
-100.00	-90.00	0.00020	-100.00	-100.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00025	-90.00	90.00	0.00029
-90.00	80.00	0.00033	-90.00	70.00	0.00037
-90.00	60.00	0.00042	-90.00	50.00	0.00047
-90.00	40.00	0.00051	-90.00	30.00	0.00053
-90.00	25.00	0.00054	-90.00	20.00	0.00054
-90.00	17.00	0.00053	-90.00	15.00	0.00052
-90.00	13.00	0.00051	-90.00	11.00	0.00050
-90.00	9.00	0.00048	-90.00	-9.00	0.00037
-90.00	-11.00	0.00037	-90.00	-13.00	0.00036
-90.00	-15.00	0.00035	-90.00	-17.00	0.00034
-90.00	-20.00	0.00032	-90.00	-25.00	0.00030
-90.00	-30.00	0.00029	-90.00	-40.00	0.00028
-90.00	-50.00	0.00028	-90.00	-60.00	0.00027
-90.00	-70.00	0.00026	-90.00	-80.00	0.00024
-90.00	-90.00	0.00023	-90.00	-100.00	0.00021
-80.00	100.00	0.00026	-80.00	90.00	0.00030
-80.00	80.00	0.00035	-80.00	70.00	0.00041
-80.00	60.00	0.00047	-80.00	50.00	0.00054
-80.00	40.00	0.00060	-80.00	30.00	0.00065
-80.00	25.00	0.00066	-80.00	20.00	0.00066
-80.00	17.00	0.00066	-80.00	15.00	0.00065
-80.00	13.00	0.00064	-80.00	11.00	0.00063
-80.00	9.00	0.00061	-80.00	-9.00	0.00044
-80.00	-11.00	0.00043	-80.00	-13.00	0.00042
-80.00	-15.00	0.00041	-80.00	-17.00	0.00039
-80.00	-20.00	0.00038	-80.00	-25.00	0.00036
-80.00	-30.00	0.00035	-80.00	-40.00	0.00035
-80.00	-50.00	0.00033	-80.00	-60.00	0.00032
-80.00	-70.00	0.00030	-80.00	-80.00	0.00027
-80.00	-90.00	0.00025	-80.00	-100.00	0.00023
-70.00	100.00	0.00025	-70.00	90.00	0.00030

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00036	-70.00	70.00	0.00043
-70.00	60.00	0.00051	-70.00	50.00	0.00060
-70.00	40.00	0.00070	-70.00	30.00	0.00079
-70.00	25.00	0.00082	-70.00	20.00	0.00084
-70.00	17.00	0.00083	-70.00	15.00	0.00083
-70.00	13.00	0.00082	-70.00	11.00	0.00080
-70.00	9.00	0.00078	-70.00	-9.00	0.00052
-70.00	-11.00	0.00051	-70.00	-13.00	0.00049
-70.00	-15.00	0.00048	-70.00	-17.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00045	-70.00	-25.00	0.00045
-70.00	-30.00	0.00044	-70.00	-40.00	0.00042
-70.00	-50.00	0.00039	-70.00	-60.00	0.00037
-70.00	-70.00	0.00034	-70.00	-80.00	0.00030
-70.00	-90.00	0.00027	-70.00	-100.00	0.00024
-60.00	100.00	0.00025	-60.00	90.00	0.00030
-60.00	80.00	0.00036	-60.00	70.00	0.00044
-60.00	60.00	0.00053	-60.00	50.00	0.00065
-60.00	40.00	0.00079	-60.00	30.00	0.00094
-60.00	25.00	0.00101	-60.00	20.00	0.00106
-60.00	17.00	0.00108	-60.00	15.00	0.00108
-60.00	13.00	0.00107	-60.00	11.00	0.00106
-60.00	9.00	0.00103	-60.00	-9.00	0.00063
-60.00	-11.00	0.00061	-60.00	-13.00	0.00060
-60.00	-15.00	0.00059	-60.00	-17.00	0.00058
-60.00	-20.00	0.00057	-60.00	-25.00	0.00055
-60.00	-30.00	0.00053	-60.00	-40.00	0.00050
-60.00	-50.00	0.00046	-60.00	-60.00	0.00042
-60.00	-70.00	0.00038	-60.00	-80.00	0.00034
-60.00	-90.00	0.00030	-60.00	-100.00	0.00027
-50.00	100.00	0.00024	-50.00	90.00	0.00029
-50.00	80.00	0.00036	-50.00	70.00	0.00044
-50.00	60.00	0.00054	-50.00	50.00	0.00067
-50.00	40.00	0.00084	-50.00	30.00	0.00105
-50.00	25.00	0.00117	-50.00	20.00	0.00128

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00135	-50.00	15.00	0.00138
-50.00	13.00	0.00141	-50.00	11.00	0.00143
-50.00	9.00	0.00144	-50.00	-9.00	0.00081
-50.00	-11.00	0.00079	-50.00	-13.00	0.00076
-50.00	-15.00	0.00075	-50.00	-17.00	0.00073
-50.00	-20.00	0.00071	-50.00	-25.00	0.00068
-50.00	-30.00	0.00065	-50.00	-40.00	0.00060
-50.00	-50.00	0.00055	-50.00	-60.00	0.00049
-50.00	-70.00	0.00044	-50.00	-80.00	0.00038
-50.00	-90.00	0.00034	-50.00	-100.00	0.00030
-40.00	100.00	0.00023	-40.00	90.00	0.00028
-40.00	80.00	0.00034	-40.00	70.00	0.00043
-40.00	60.00	0.00054	-40.00	50.00	0.00068
-40.00	40.00	0.00086	-40.00	30.00	0.00110
-40.00	25.00	0.00125	-40.00	20.00	0.00140

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00149	-40.00	15.00	0.00155
-40.00	13.00	0.00161	-40.00	11.00	0.00167
-40.00	9.00	0.00174	-40.00	-9.00	0.00152
-40.00	-11.00	0.00133	-40.00	-13.00	0.00121
-40.00	-15.00	0.00113	-40.00	-17.00	0.00108
-40.00	-20.00	0.00101	-40.00	-25.00	0.00093
-40.00	-30.00	0.00088	-40.00	-40.00	0.00078
-40.00	-50.00	0.00069	-40.00	-60.00	0.00060
-40.00	-70.00	0.00052	-40.00	-80.00	0.00045
-40.00	-90.00	0.00039	-40.00	-100.00	0.00034
-30.00	100.00	0.00021	-30.00	90.00	0.00026
-30.00	80.00	0.00032	-30.00	70.00	0.00041
-30.00	60.00	0.00052	-30.00	50.00	0.00067
-30.00	40.00	0.00087	-30.00	30.00	0.00114
-30.00	25.00	0.00130	-30.00	20.00	0.00148
-30.00	17.00	0.00160	-30.00	15.00	0.00167
-30.00	13.00	0.00175	-30.00	11.00	0.00185
-30.00	9.00	0.00197	-30.00	-9.00	0.00356
-30.00	-11.00	0.00304	-30.00	-13.00	0.00262

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00229	-30.00	-17.00	0.00204
-30.00	-20.00	0.00177	-30.00	-25.00	0.00149
-30.00	-30.00	0.00131	-30.00	-40.00	0.00106
-30.00	-50.00	0.00088	-30.00	-60.00	0.00074
-30.00	-70.00	0.00062	-30.00	-80.00	0.00053
-30.00	-90.00	0.00046	-30.00	-100.00	0.00040
-20.00	100.00	0.00020	-20.00	90.00	0.00024
-20.00	80.00	0.00030	-20.00	70.00	0.00039
-20.00	60.00	0.00050	-20.00	50.00	0.00066
-20.00	40.00	0.00087	-20.00	30.00	0.00115
-20.00	25.00	0.00133	-20.00	20.00	0.00153
-20.00	17.00	0.00167	-20.00	15.00	0.00178
-20.00	13.00	0.00189	-20.00	11.00	0.00203
-20.00	9.00	0.00221	-20.00	-9.00	0.00519
-20.00	-11.00	0.00470	-20.00	-13.00	0.00425
-20.00	-15.00	0.00383	-20.00	-17.00	0.00346
-20.00	-20.00	0.00297	-20.00	-25.00	0.00237
-20.00	-30.00	0.00197	-20.00	-40.00	0.00147
-20.00	-50.00	0.00116	-20.00	-60.00	0.00093
-20.00	-70.00	0.00076	-20.00	-80.00	0.00063
-20.00	-90.00	0.00054	-20.00	-100.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00018	-10.00	90.00	0.00023
-10.00	80.00	0.00028	-10.00	70.00	0.00036
-10.00	60.00	0.00047	-10.00	50.00	0.00063
-10.00	40.00	0.00084	-10.00	30.00	0.00114
-10.00	25.00	0.00133	-10.00	20.00	0.00156
-10.00	17.00	0.00173	-10.00	15.00	0.00186
-10.00	13.00	0.00200	-10.00	11.00	0.00218
-10.00	9.00	0.00241	-10.00	-9.00	0.00619
-10.00	-11.00	0.00577	-10.00	-13.00	0.00538
-10.00	-15.00	0.00500	-10.00	-17.00	0.00464
-10.00	-20.00	0.00413	-10.00	-25.00	0.00339
-10.00	-30.00	0.00279	-10.00	-40.00	0.00199
-10.00	-50.00	0.00149	-10.00	-60.00	0.00116

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00093	-10.00	-80.00	0.00076
-10.00	-90.00	0.00064	-10.00	-100.00	0.00054
0.00	100.00	0.00017	0.00	90.00	0.00021
0.00	80.00	0.00026	0.00	70.00	0.00033
0.00	60.00	0.00043	0.00	50.00	0.00058
0.00	40.00	0.00079	0.00	30.00	0.00109
0.00	25.00	0.00130	0.00	20.00	0.00156
0.00	17.00	0.00175	0.00	15.00	0.00190
0.00	13.00	0.00207	0.00	11.00	0.00228
0.00	9.00	0.00254	0.00	-9.00	0.00683
0.00	-11.00	0.00645	0.00	-13.00	0.00610
0.00	-15.00	0.00576	0.00	-17.00	0.00544
0.00	-20.00	0.00497	0.00	-25.00	0.00423
0.00	-30.00	0.00357	0.00	-40.00	0.00254
0.00	-50.00	0.00187	0.00	-60.00	0.00143
0.00	-70.00	0.00113	0.00	-80.00	0.00091
0.00	-90.00	0.00075	0.00	-100.00	0.00062
10.00	100.00	0.00016	10.00	90.00	0.00019
10.00	80.00	0.00024	10.00	70.00	0.00030
10.00	60.00	0.00039	10.00	50.00	0.00051
10.00	40.00	0.00071	10.00	30.00	0.00102
10.00	25.00	0.00124	10.00	20.00	0.00152
10.00	17.00	0.00173	10.00	15.00	0.00189
10.00	13.00	0.00208	10.00	11.00	0.00231
10.00	9.00	0.00259	10.00	-9.00	0.00725
10.00	-11.00	0.00689	10.00	-13.00	0.00658
10.00	-15.00	0.00627	10.00	-17.00	0.00597

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00553	10.00	-25.00	0.00483
10.00	-30.00	0.00417	10.00	-40.00	0.00306
10.00	-50.00	0.00226	10.00	-60.00	0.00171
10.00	-70.00	0.00133	10.00	-80.00	0.00107
10.00	-90.00	0.00087	10.00	-100.00	0.00072
20.00	100.00	0.00015	20.00	90.00	0.00018
20.00	80.00	0.00022	20.00	70.00	0.00027



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00034	20.00	50.00	0.00045
20.00	40.00	0.00062	20.00	30.00	0.00091
20.00	25.00	0.00112	20.00	20.00	0.00142
20.00	17.00	0.00164	20.00	15.00	0.00181
20.00	13.00	0.00201	20.00	11.00	0.00226
20.00	9.00	0.00256	20.00	-9.00	0.00753
20.00	-11.00	0.00718	20.00	-13.00	0.00689
20.00	-15.00	0.00660	20.00	-17.00	0.00632
20.00	-20.00	0.00589	20.00	-25.00	0.00522
20.00	-30.00	0.00460	20.00	-40.00	0.00349
20.00	-50.00	0.00263	20.00	-60.00	0.00200
20.00	-70.00	0.00155	20.00	-80.00	0.00123
20.00	-90.00	0.00100	20.00	-100.00	0.00082
30.00	100.00	0.00014	30.00	90.00	0.00017
30.00	80.00	0.00020	30.00	70.00	0.00025
30.00	60.00	0.00031	30.00	50.00	0.00040
30.00	40.00	0.00054	30.00	30.00	0.00078
30.00	25.00	0.00097	30.00	20.00	0.00125
30.00	17.00	0.00146	30.00	15.00	0.00164
30.00	13.00	0.00184	30.00	11.00	0.00210
30.00	9.00	0.00241	30.00	-9.00	0.00769
30.00	-11.00	0.00735	30.00	-13.00	0.00705
30.00	-15.00	0.00678	30.00	-17.00	0.00651
30.00	-20.00	0.00611	30.00	-25.00	0.00547
30.00	-30.00	0.00487	30.00	-40.00	0.00381
30.00	-50.00	0.00294	30.00	-60.00	0.00226
30.00	-70.00	0.00176	30.00	-80.00	0.00140
30.00	-90.00	0.00113	30.00	-100.00	0.00093
40.00	100.00	0.00014	40.00	90.00	0.00016
40.00	80.00	0.00019	40.00	70.00	0.00023
40.00	60.00	0.00028	40.00	50.00	0.00036
40.00	40.00	0.00048	40.00	30.00	0.00068
40.00	25.00	0.00084	40.00	20.00	0.00106

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00124	40.00	15.00	0.00139

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00157	40.00	11.00	0.00180
40.00	9.00	0.00209	40.00	-9.00	0.00771
40.00	-11.00	0.00739	40.00	-13.00	0.00708
40.00	-15.00	0.00683	40.00	-17.00	0.00659
40.00	-20.00	0.00621	40.00	-25.00	0.00560
40.00	-30.00	0.00503	40.00	-40.00	0.00402
40.00	-50.00	0.00317	40.00	-60.00	0.00248
40.00	-70.00	0.00195	40.00	-80.00	0.00155
40.00	-90.00	0.00125	40.00	-100.00	0.00102
50.00	100.00	0.00013	50.00	90.00	0.00015
50.00	80.00	0.00018	50.00	70.00	0.00021
50.00	60.00	0.00026	50.00	50.00	0.00033
50.00	40.00	0.00044	50.00	30.00	0.00063
50.00	25.00	0.00077	50.00	20.00	0.00096
50.00	17.00	0.00112	50.00	15.00	0.00125
50.00	13.00	0.00141	50.00	11.00	0.00160
50.00	9.00	0.00185	50.00	-9.00	0.00710
50.00	-11.00	0.00701	50.00	-13.00	0.00682
50.00	-15.00	0.00661	50.00	-17.00	0.00641
50.00	-20.00	0.00609	50.00	-25.00	0.00555
50.00	-30.00	0.00502	50.00	-40.00	0.00409
50.00	-50.00	0.00329	50.00	-60.00	0.00262
50.00	-70.00	0.00209	50.00	-80.00	0.00167
50.00	-90.00	0.00135	50.00	-100.00	0.00111
60.00	100.00	0.00012	60.00	90.00	0.00014
60.00	80.00	0.00017	60.00	70.00	0.00020
60.00	60.00	0.00025	60.00	50.00	0.00031
60.00	40.00	0.00041	60.00	30.00	0.00058
60.00	25.00	0.00070	60.00	20.00	0.00088
60.00	17.00	0.00102	60.00	15.00	0.00114
60.00	13.00	0.00128	60.00	11.00	0.00145
60.00	9.00	0.00166	60.00	-9.00	0.00509
60.00	-11.00	0.00534	60.00	-13.00	0.00550
60.00	-15.00	0.00558	60.00	-17.00	0.00557
60.00	-20.00	0.00547	60.00	-25.00	0.00515
60.00	-30.00	0.00476	60.00	-40.00	0.00399
60.00	-50.00	0.00329	60.00	-60.00	0.00268
60.00	-70.00	0.00217	60.00	-80.00	0.00176
60.00	-90.00	0.00144	60.00	-100.00	0.00118

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00012	70.00	90.00	0.00014	
70.00	80.00	0.00016	70.00	70.00	0.00019	
70.00	60.00	0.00023	70.00	50.00	0.00029	
70.00	40.00	0.00038	70.00	30.00	0.00053	
70.00	25.00	0.00065	70.00	20.00	0.00081	
70.00	17.00	0.00093	70.00	15.00	0.00103	
70.00	13.00	0.00114	70.00	11.00	0.00127	
70.00	9.00	0.00142	70.00	-9.00	0.00353	
70.00	-11.00	0.00375	70.00	-13.00	0.00394	
70.00	-15.00	0.00410	70.00	-17.00	0.00423	
70.00	-20.00	0.00435	70.00	-25.00	0.00437	
70.00	-30.00	0.00422	70.00	-40.00	0.00372	
70.00	-50.00	0.00316	70.00	-60.00	0.00264	
70.00	-70.00	0.00219	70.00	-80.00	0.00181	
70.00	-90.00	0.00149	70.00	-100.00	0.00124	
80.00	100.00	0.00011	80.00	90.00	0.00013	
80.00	80.00	0.00015	80.00	70.00	0.00017	
80.00	60.00	0.00021	80.00	50.00	0.00026	
80.00	40.00	0.00035	80.00	30.00	0.00050	
80.00	25.00	0.00060	80.00	20.00	0.00073	
80.00	17.00	0.00083	80.00	15.00	0.00091	
80.00	13.00	0.00099	80.00	11.00	0.00108	
80.00	9.00	0.00119	80.00	-9.00	0.00257	
80.00	-11.00	0.00272	80.00	-13.00	0.00285	
80.00	-15.00	0.00298	80.00	-17.00	0.00310	
80.00	-20.00	0.00326	80.00	-25.00	0.00344	
80.00	-30.00	0.00349	80.00	-40.00	0.00331	
80.00	-50.00	0.00294	80.00	-60.00	0.00253	
80.00	-70.00	0.00215	80.00	-80.00	0.00181	
80.00	-90.00	0.00151	80.00	-100.00	0.00127	
90.00	100.00	0.00010	90.00	90.00	0.00012	
90.00	80.00	0.00014	90.00	70.00	0.00016	
90.00	60.00	0.00020	90.00	50.00	0.00025	
90.00	40.00	0.00033	90.00	30.00	0.00046	
90.00	25.00	0.00055	90.00	20.00	0.00066	
90.00	17.00	0.00074	90.00	15.00	0.00079	
90.00	13.00	0.00085	90.00	11.00	0.00092	
90.00	9.00	0.00100	90.00	-9.00	0.00195	
90.00	-11.00	0.00205	90.00	-13.00	0.00215	

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00 -15.00 0.00224 90.00 -17.00 0.00233

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00246	90.00	-25.00	0.00264
90.00	-30.00	0.00276	90.00	-40.00	0.00281
90.00	-50.00	0.00264	90.00	-60.00	0.00236
90.00	-70.00	0.00206	90.00	-80.00	0.00177
90.00	-90.00	0.00151	90.00	-100.00	0.00128
100.00	100.00	0.00010	100.00	90.00	0.00011
100.00	80.00	0.00013	100.00	70.00	0.00015
100.00	60.00	0.00019	100.00	50.00	0.00024
100.00	40.00	0.00031	100.00	30.00	0.00043
100.00	25.00	0.00050	100.00	20.00	0.00059
100.00	17.00	0.00065	100.00	15.00	0.00069
100.00	13.00	0.00074	100.00	11.00	0.00079
100.00	9.00	0.00085	100.00	-9.00	0.00153
100.00	-11.00	0.00160	100.00	-13.00	0.00167
100.00	-15.00	0.00174	100.00	-17.00	0.00181
100.00	-20.00	0.00190	100.00	-25.00	0.00205
100.00	-30.00	0.00217	100.00	-40.00	0.00232
100.00	-50.00	0.00229	100.00	-60.00	0.00214
100.00	-70.00	0.00193	100.00	-80.00	0.00170
100.00	-90.00	0.00148	100.00	-100.00	0.00127
110.00	100.00	0.00009	110.00	90.00	0.00010
110.00	80.00	0.00012	110.00	70.00	0.00014
110.00	60.00	0.00018	110.00	50.00	0.00023
110.00	40.00	0.00030	110.00	30.00	0.00039
110.00	25.00	0.00045	110.00	20.00	0.00052
110.00	17.00	0.00057	110.00	15.00	0.00060
110.00	13.00	0.00064	110.00	11.00	0.00068
110.00	9.00	0.00072	110.00	-9.00	0.00123
110.00	-11.00	0.00129	110.00	-13.00	0.00134
110.00	-15.00	0.00139	110.00	-17.00	0.00144
110.00	-20.00	0.00151	110.00	-25.00	0.00163
110.00	-30.00	0.00173	110.00	-40.00	0.00189
110.00	-50.00	0.00195	110.00	-60.00	0.00189

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00176	110.00	-80.00	0.00160
110.00	-90.00	0.00142	110.00	-100.00	0.00125
120.00	100.00	0.00008	120.00	90.00	0.00010
120.00	80.00	0.00011	120.00	70.00	0.00014
120.00	60.00	0.00017	120.00	50.00	0.00022
120.00	40.00	0.00028	120.00	30.00	0.00036
120.00	25.00	0.00041	120.00	20.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00050	120.00	15.00	0.00053
120.00	13.00	0.00056	120.00	11.00	0.00059
120.00	9.00	0.00063	120.00	-9.00	0.00101
120.00	-11.00	0.00106	120.00	-13.00	0.00110
120.00	-15.00	0.00114	120.00	-17.00	0.00117
120.00	-20.00	0.00123	120.00	-25.00	0.00132
120.00	-30.00	0.00140	120.00	-40.00	0.00155
120.00	-50.00	0.00163	120.00	-60.00	0.00165
120.00	-70.00	0.00159	120.00	-80.00	0.00148
120.00	-90.00	0.00134	120.00	-100.00	0.00120
130.00	100.00	0.00008	130.00	90.00	0.00009
130.00	80.00	0.00011	130.00	70.00	0.00013
130.00	60.00	0.00016	130.00	50.00	0.00021
130.00	40.00	0.00026	130.00	30.00	0.00033
130.00	25.00	0.00037	130.00	20.00	0.00041
130.00	17.00	0.00044	130.00	15.00	0.00047
130.00	13.00	0.00049	130.00	11.00	0.00052
130.00	9.00	0.00055	130.00	-9.00	0.00085
130.00	-11.00	0.00088	130.00	-13.00	0.00091
130.00	-15.00	0.00095	130.00	-17.00	0.00098
130.00	-20.00	0.00102	130.00	-25.00	0.00109
130.00	-30.00	0.00116	130.00	-40.00	0.00128
130.00	-50.00	0.00137	130.00	-60.00	0.00142
130.00	-70.00	0.00140	130.00	-80.00	0.00135
130.00	-90.00	0.00125	130.00	-100.00	0.00115
140.00	100.00	0.00008	140.00	90.00	0.00009
140.00	80.00	0.00011	140.00	70.00	0.00013

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00016	140.00	50.00	0.00019
140.00	40.00	0.00024	140.00	30.00	0.00030
140.00	25.00	0.00033	140.00	20.00	0.00037
140.00	17.00	0.00040	140.00	15.00	0.00041
140.00	13.00	0.00043	140.00	11.00	0.00046
140.00	9.00	0.00048	140.00	-9.00	0.00072
140.00	-11.00	0.00075	140.00	-13.00	0.00077
140.00	-15.00	0.00080	140.00	-17.00	0.00082
140.00	-20.00	0.00086	140.00	-25.00	0.00092
140.00	-30.00	0.00097	140.00	-40.00	0.00107
140.00	-50.00	0.00116	140.00	-60.00	0.00121
140.00	-70.00	0.00123	140.00	-80.00	0.00121
140.00	-90.00	0.00115	140.00	-100.00	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00007	150.00	90.00	0.00009
150.00	80.00	0.00010	150.00	70.00	0.00012
150.00	60.00	0.00015	150.00	50.00	0.00018
150.00	40.00	0.00023	150.00	30.00	0.00027
150.00	25.00	0.00030	150.00	20.00	0.00033
150.00	17.00	0.00036	150.00	15.00	0.00037
150.00	13.00	0.00039	150.00	11.00	0.00041
150.00	9.00	0.00043	150.00	-9.00	0.00062
150.00	-11.00	0.00064	150.00	-13.00	0.00066
150.00	-15.00	0.00068	150.00	-17.00	0.00070
150.00	-20.00	0.00073	150.00	-25.00	0.00078
150.00	-30.00	0.00083	150.00	-40.00	0.00091
150.00	-50.00	0.00098	150.00	-60.00	0.00104
150.00	-70.00	0.00108	150.00	-80.00	0.00108
150.00	-90.00	0.00105	150.00	-100.00	0.00100
160.00	100.00	0.00007	160.00	90.00	0.00008
160.00	80.00	0.00010	160.00	70.00	0.00012
160.00	60.00	0.00014	160.00	50.00	0.00017
160.00	40.00	0.00021	160.00	30.00	0.00025
160.00	25.00	0.00027	160.00	20.00	0.00030
160.00	17.00	0.00032	160.00	15.00	0.00033

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00035	160.00	11.00	0.00036
160.00	9.00	0.00038	160.00	-9.00	0.00054
160.00	-11.00	0.00056	160.00	-13.00	0.00058
160.00	-15.00	0.00059	160.00	-17.00	0.00061
160.00	-20.00	0.00063	160.00	-25.00	0.00067
160.00	-30.00	0.00071	160.00	-40.00	0.00078
160.00	-50.00	0.00084	160.00	-60.00	0.00090
160.00	-70.00	0.00094	160.00	-80.00	0.00096
160.00	-90.00	0.00095	160.00	-100.00	0.00092
170.00	100.00	0.00007	170.00	90.00	0.00008
170.00	80.00	0.00010	170.00	70.00	0.00011
170.00	60.00	0.00014	170.00	50.00	0.00016
170.00	40.00	0.00020	170.00	30.00	0.00023
170.00	25.00	0.00025	170.00	20.00	0.00027
170.00	17.00	0.00029	170.00	15.00	0.00030
170.00	13.00	0.00031	170.00	11.00	0.00033
170.00	9.00	0.00034	170.00	-9.00	0.00048
170.00	-11.00	0.00049	170.00	-13.00	0.00050
170.00	-15.00	0.00052	170.00	-17.00	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:24:40      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 \*\*MODELOPTs:  
 PAGE 79  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00055	170.00	-25.00	0.00059
170.00	-30.00	0.00062	170.00	-40.00	0.00068
170.00	-50.00	0.00073	170.00	-60.00	0.00078
170.00	-70.00	0.00082	170.00	-80.00	0.00084
170.00	-90.00	0.00085	170.00	-100.00	0.00084
180.00	100.00	0.00007	180.00	90.00	0.00008
180.00	80.00	0.00009	180.00	70.00	0.00011
180.00	60.00	0.00013	180.00	50.00	0.00016
180.00	40.00	0.00018	180.00	30.00	0.00021
180.00	25.00	0.00023	180.00	20.00	0.00025
180.00	17.00	0.00026	180.00	15.00	0.00027
180.00	13.00	0.00028	180.00	11.00	0.00030
180.00	9.00	0.00031	180.00	-9.00	0.00042
180.00	-11.00	0.00043	180.00	-13.00	0.00045
180.00	-15.00	0.00046	180.00	-17.00	0.00047

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00049	180.00	-25.00	0.00051
180.00	-30.00	0.00054	180.00	-40.00	0.00059
180.00	-50.00	0.00064	180.00	-60.00	0.00068
180.00	-70.00	0.00072	180.00	-80.00	0.00075
180.00	-90.00	0.00076	180.00	-100.00	0.00076
190.00	100.00	0.00007	190.00	90.00	0.00008
190.00	80.00	0.00009	190.00	70.00	0.00011
190.00	60.00	0.00013	190.00	50.00	0.00015
190.00	40.00	0.00017	190.00	30.00	0.00020
190.00	25.00	0.00021	190.00	20.00	0.00023
190.00	17.00	0.00024	190.00	15.00	0.00025
190.00	13.00	0.00026	190.00	11.00	0.00027
190.00	9.00	0.00028	190.00	-9.00	0.00038
190.00	-11.00	0.00039	190.00	-13.00	0.00040
190.00	-15.00	0.00041	190.00	-17.00	0.00042
190.00	-20.00	0.00043	190.00	-25.00	0.00046
190.00	-30.00	0.00048	190.00	-40.00	0.00052
190.00	-50.00	0.00056	190.00	-60.00	0.00060
190.00	-70.00	0.00063	190.00	-80.00	0.00066
190.00	-90.00	0.00068	190.00	-100.00	0.00069
200.00	100.00	0.00006	200.00	90.00	0.00007
200.00	80.00	0.00009	200.00	70.00	0.00010
200.00	60.00	0.00012	200.00	50.00	0.00014
200.00	40.00	0.00016	200.00	30.00	0.00018
200.00	25.00	0.00019	200.00	20.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00022	200.00	15.00	0.00023
200.00	13.00	0.00024	200.00	11.00	0.00025
200.00	9.00	0.00025	200.00	-9.00	0.00034
200.00	-11.00	0.00035	200.00	-13.00	0.00036
200.00	-15.00	0.00036	200.00	-17.00	0.00037
200.00	-20.00	0.00039	200.00	-25.00	0.00041
200.00	-30.00	0.00043	200.00	-40.00	0.00046
200.00	-50.00	0.00050	200.00	-60.00	0.00053
200.00	-70.00	0.00056	200.00	-80.00	0.00059



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00061	200.00	-100.00	0.00062
210.00	100.00	0.00006	210.00	90.00	0.00007
210.00	80.00	0.00008	210.00	70.00	0.00010
210.00	60.00	0.00011	210.00	50.00	0.00013
210.00	40.00	0.00015	210.00	30.00	0.00017
210.00	25.00	0.00018	210.00	20.00	0.00019
210.00	17.00	0.00020	210.00	15.00	0.00021
210.00	13.00	0.00022	210.00	11.00	0.00023
210.00	9.00	0.00023	210.00	-9.00	0.00030
210.00	-11.00	0.00031	210.00	-13.00	0.00032
210.00	-15.00	0.00033	210.00	-17.00	0.00034
210.00	-20.00	0.00035	210.00	-25.00	0.00036
210.00	-30.00	0.00038	210.00	-40.00	0.00041
210.00	-50.00	0.00045	210.00	-60.00	0.00048
210.00	-70.00	0.00050	210.00	-80.00	0.00053
210.00	-90.00	0.00055	210.00	-100.00	0.00056
220.00	100.00	0.00006	220.00	90.00	0.00007
220.00	80.00	0.00008	220.00	70.00	0.00009
220.00	60.00	0.00011	220.00	50.00	0.00012
220.00	40.00	0.00014	220.00	30.00	0.00016
220.00	25.00	0.00017	220.00	20.00	0.00018
220.00	17.00	0.00019	220.00	15.00	0.00019
220.00	13.00	0.00020	220.00	11.00	0.00021
220.00	9.00	0.00021	220.00	-9.00	0.00028
220.00	-11.00	0.00028	220.00	-13.00	0.00029
220.00	-15.00	0.00030	220.00	-17.00	0.00030
220.00	-20.00	0.00031	220.00	-25.00	0.00033
220.00	-30.00	0.00034	220.00	-40.00	0.00037
220.00	-50.00	0.00040	220.00	-60.00	0.00043
220.00	-70.00	0.00045	220.00	-80.00	0.00047
220.00	-90.00	0.00049	220.00	-100.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00006	230.00	90.00	0.00007
230.00	80.00	0.00008	230.00	70.00	0.00009
230.00	60.00	0.00010	230.00	50.00	0.00011

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00013	230.00	30.00	0.00015
230.00	25.00	0.00016	230.00	20.00	0.00017
230.00	17.00	0.00018	230.00	15.00	0.00018
230.00	13.00	0.00019	230.00	11.00	0.00019
230.00	9.00	0.00020	230.00	-9.00	0.00025
230.00	-11.00	0.00026	230.00	-13.00	0.00026
230.00	-15.00	0.00027	230.00	-17.00	0.00028
230.00	-20.00	0.00028	230.00	-25.00	0.00030
230.00	-30.00	0.00031	230.00	-40.00	0.00034
230.00	-50.00	0.00036	230.00	-60.00	0.00038
230.00	-70.00	0.00041	230.00	-80.00	0.00043
230.00	-90.00	0.00045	230.00	-100.00	0.00046
240.00	100.00	0.00006	240.00	90.00	0.00007
240.00	80.00	0.00008	240.00	70.00	0.00009
240.00	60.00	0.00010	240.00	50.00	0.00011
240.00	40.00	0.00012	240.00	30.00	0.00014
240.00	25.00	0.00015	240.00	20.00	0.00016
240.00	17.00	0.00016	240.00	15.00	0.00017
240.00	13.00	0.00017	240.00	11.00	0.00018
240.00	9.00	0.00018	240.00	-9.00	0.00023
240.00	-11.00	0.00024	240.00	-13.00	0.00024
240.00	-15.00	0.00025	240.00	-17.00	0.00025
240.00	-20.00	0.00026	240.00	-25.00	0.00027
240.00	-30.00	0.00028	240.00	-40.00	0.00031
240.00	-50.00	0.00033	240.00	-60.00	0.00035
240.00	-70.00	0.00037	240.00	-80.00	0.00039
240.00	-90.00	0.00040	240.00	-100.00	0.00042
250.00	100.00	0.00006	250.00	90.00	0.00006
250.00	80.00	0.00007	250.00	70.00	0.00008
250.00	60.00	0.00009	250.00	50.00	0.00010
250.00	40.00	0.00011	250.00	30.00	0.00013
250.00	25.00	0.00014	250.00	20.00	0.00015
250.00	17.00	0.00015	250.00	15.00	0.00016
250.00	13.00	0.00016	250.00	11.00	0.00017
250.00	9.00	0.00017	250.00	-9.00	0.00021
250.00	-11.00	0.00022	250.00	-13.00	0.00022
250.00	-15.00	0.00023	250.00	-17.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00024	250.00	-25.00	0.00025
250.00	-30.00	0.00026	250.00	-40.00	0.00028
250.00	-50.00	0.00030	250.00	-60.00	0.00032
250.00	-70.00	0.00034	250.00	-80.00	0.00035
250.00	-90.00	0.00037	250.00	-100.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00015	-250.00	90.00	0.00016
-250.00	80.00	0.00017	-250.00	70.00	0.00017
-250.00	60.00	0.00018	-250.00	50.00	0.00019
-250.00	40.00	0.00019	-250.00	30.00	0.00018
-250.00	25.00	0.00018	-250.00	20.00	0.00017
-250.00	17.00	0.00017	-250.00	15.00	0.00016
-250.00	13.00	0.00016	-250.00	11.00	0.00016
-250.00	9.00	0.00015	-250.00	-9.00	0.00013
-250.00	-11.00	0.00013	-250.00	-13.00	0.00013
-250.00	-15.00	0.00013	-250.00	-17.00	0.00013
-250.00	-20.00	0.00013	-250.00	-25.00	0.00013
-250.00	-30.00	0.00013	-250.00	-40.00	0.00012
-250.00	-50.00	0.00011	-250.00	-60.00	0.00010
-250.00	-70.00	0.00009	-250.00	-80.00	0.00009
-250.00	-90.00	0.00010	-250.00	-100.00	0.00010
-240.00	100.00	0.00017	-240.00	90.00	0.00018
-240.00	80.00	0.00018	-240.00	70.00	0.00019
-240.00	60.00	0.00020	-240.00	50.00	0.00021
-240.00	40.00	0.00021	-240.00	30.00	0.00021
-240.00	25.00	0.00020	-240.00	20.00	0.00019
-240.00	17.00	0.00019	-240.00	15.00	0.00019
-240.00	13.00	0.00018	-240.00	11.00	0.00018
-240.00	9.00	0.00017	-240.00	-9.00	0.00015
-240.00	-11.00	0.00015	-240.00	-13.00	0.00015
-240.00	-15.00	0.00015	-240.00	-17.00	0.00015
-240.00	-20.00	0.00015	-240.00	-25.00	0.00015

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00014	-240.00	-40.00	0.00013
-240.00	-50.00	0.00012	-240.00	-60.00	0.00011
-240.00	-70.00	0.00011	-240.00	-80.00	0.00011
-240.00	-90.00	0.00011	-240.00	-100.00	0.00011
-230.00	100.00	0.00018	-230.00	90.00	0.00019
-230.00	80.00	0.00020	-230.00	70.00	0.00021
-230.00	60.00	0.00023	-230.00	50.00	0.00023
-230.00	40.00	0.00024	-230.00	30.00	0.00024
-230.00	25.00	0.00023	-230.00	20.00	0.00022
-230.00	17.00	0.00022	-230.00	15.00	0.00021
-230.00	13.00	0.00021	-230.00	11.00	0.00021
-230.00	9.00	0.00020	-230.00	-9.00	0.00017
-230.00	-11.00	0.00017	-230.00	-13.00	0.00017
-230.00	-15.00	0.00017	-230.00	-17.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00017	-230.00	-25.00	0.00016
-230.00	-30.00	0.00016	-230.00	-40.00	0.00014
-230.00	-50.00	0.00013	-230.00	-60.00	0.00012
-230.00	-70.00	0.00012	-230.00	-80.00	0.00013
-230.00	-90.00	0.00013	-230.00	-100.00	0.00013
-220.00	100.00	0.00020	-220.00	90.00	0.00021
-220.00	80.00	0.00023	-220.00	70.00	0.00024
-220.00	60.00	0.00025	-220.00	50.00	0.00027
-220.00	40.00	0.00027	-220.00	30.00	0.00027
-220.00	25.00	0.00027	-220.00	20.00	0.00026
-220.00	17.00	0.00025	-220.00	15.00	0.00025
-220.00	13.00	0.00024	-220.00	11.00	0.00024
-220.00	9.00	0.00023	-220.00	-9.00	0.00020
-220.00	-11.00	0.00020	-220.00	-13.00	0.00020
-220.00	-15.00	0.00019	-220.00	-17.00	0.00019
-220.00	-20.00	0.00019	-220.00	-25.00	0.00018
-220.00	-30.00	0.00017	-220.00	-40.00	0.00015
-220.00	-50.00	0.00014	-220.00	-60.00	0.00014
-220.00	-70.00	0.00014	-220.00	-80.00	0.00014
-220.00	-90.00	0.00014	-220.00	-100.00	0.00014

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00021	-210.00	90.00	0.00023
-210.00	80.00	0.00025	-210.00	70.00	0.00027
-210.00	60.00	0.00029	-210.00	50.00	0.00030
-210.00	40.00	0.00032	-210.00	30.00	0.00032
-210.00	25.00	0.00032	-210.00	20.00	0.00031
-210.00	17.00	0.00030	-210.00	15.00	0.00029
-210.00	13.00	0.00029	-210.00	11.00	0.00028
-210.00	9.00	0.00027	-210.00	-9.00	0.00023
-210.00	-11.00	0.00023	-210.00	-13.00	0.00023
-210.00	-15.00	0.00022	-210.00	-17.00	0.00022
-210.00	-20.00	0.00022	-210.00	-25.00	0.00021
-210.00	-30.00	0.00019	-210.00	-40.00	0.00017
-210.00	-50.00	0.00017	-210.00	-60.00	0.00017
-210.00	-70.00	0.00017	-210.00	-80.00	0.00017
-210.00	-90.00	0.00016	-210.00	-100.00	0.00016
-200.00	100.00	0.00023	-200.00	90.00	0.00025
-200.00	80.00	0.00028	-200.00	70.00	0.00031
-200.00	60.00	0.00033	-200.00	50.00	0.00035
-200.00	40.00	0.00037	-200.00	30.00	0.00038
-200.00	25.00	0.00037	-200.00	20.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00036	-200.00	15.00	0.00035
-200.00	13.00	0.00034	-200.00	11.00	0.00033
-200.00	9.00	0.00032	-200.00	-9.00	0.00027
-200.00	-11.00	0.00026	-200.00	-13.00	0.00026
-200.00	-15.00	0.00026	-200.00	-17.00	0.00026
-200.00	-20.00	0.00025	-200.00	-25.00	0.00023
-200.00	-30.00	0.00022	-200.00	-40.00	0.00020
-200.00	-50.00	0.00020	-200.00	-60.00	0.00020
-200.00	-70.00	0.00020	-200.00	-80.00	0.00019
-200.00	-90.00	0.00018	-200.00	-100.00	0.00017
-190.00	100.00	0.00024	-190.00	90.00	0.00027
-190.00	80.00	0.00031	-190.00	70.00	0.00034
-190.00	60.00	0.00037	-190.00	50.00	0.00040
-190.00	40.00	0.00043	-190.00	30.00	0.00045

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00045	-190.00	20.00	0.00044
-190.00	17.00	0.00043	-190.00	15.00	0.00042
-190.00	13.00	0.00042	-190.00	11.00	0.00040
-190.00	9.00	0.00039	-190.00	-9.00	0.00031
-190.00	-11.00	0.00031	-190.00	-13.00	0.00031
-190.00	-15.00	0.00030	-190.00	-17.00	0.00029
-190.00	-20.00	0.00028	-190.00	-25.00	0.00026
-190.00	-30.00	0.00025	-190.00	-40.00	0.00023
-190.00	-50.00	0.00023	-190.00	-60.00	0.00023
-190.00	-70.00	0.00023	-190.00	-80.00	0.00022
-190.00	-90.00	0.00020	-190.00	-100.00	0.00019
-180.00	100.00	0.00025	-180.00	90.00	0.00029
-180.00	80.00	0.00033	-180.00	70.00	0.00037
-180.00	60.00	0.00042	-180.00	50.00	0.00047
-180.00	40.00	0.00051	-180.00	30.00	0.00053
-180.00	25.00	0.00054	-180.00	20.00	0.00054
-180.00	17.00	0.00053	-180.00	15.00	0.00052
-180.00	13.00	0.00051	-180.00	11.00	0.00050
-180.00	9.00	0.00048	-180.00	-9.00	0.00037
-180.00	-11.00	0.00037	-180.00	-13.00	0.00036
-180.00	-15.00	0.00035	-180.00	-17.00	0.00034
-180.00	-20.00	0.00032	-180.00	-25.00	0.00030
-180.00	-30.00	0.00029	-180.00	-40.00	0.00028
-180.00	-50.00	0.00028	-180.00	-60.00	0.00027
-180.00	-70.00	0.00026	-180.00	-80.00	0.00024
-180.00	-90.00	0.00023	-180.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00026	-170.00	90.00	0.00030
-170.00	80.00	0.00035	-170.00	70.00	0.00041
-170.00	60.00	0.00047	-170.00	50.00	0.00054
-170.00	40.00	0.00060	-170.00	30.00	0.00065
-170.00	25.00	0.00066	-170.00	20.00	0.00066
-170.00	17.00	0.00066	-170.00	15.00	0.00065
-170.00	13.00	0.00064	-170.00	11.00	0.00063
-170.00	9.00	0.00061	-170.00	-9.00	0.00044

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00043	-170.00	-13.00	0.00042
-170.00	-15.00	0.00041	-170.00	-17.00	0.00039
-170.00	-20.00	0.00038	-170.00	-25.00	0.00036
-170.00	-30.00	0.00035	-170.00	-40.00	0.00035
-170.00	-50.00	0.00033	-170.00	-60.00	0.00032
-170.00	-70.00	0.00030	-170.00	-80.00	0.00027
-170.00	-90.00	0.00025	-170.00	-100.00	0.00023
-160.00	100.00	0.00025	-160.00	90.00	0.00030
-160.00	80.00	0.00036	-160.00	70.00	0.00043
-160.00	60.00	0.00051	-160.00	50.00	0.00060
-160.00	40.00	0.00070	-160.00	30.00	0.00079
-160.00	25.00	0.00082	-160.00	20.00	0.00084
-160.00	17.00	0.00083	-160.00	15.00	0.00083
-160.00	13.00	0.00082	-160.00	11.00	0.00080
-160.00	9.00	0.00078	-160.00	-9.00	0.00052
-160.00	-11.00	0.00051	-160.00	-13.00	0.00049
-160.00	-15.00	0.00048	-160.00	-17.00	0.00047
-160.00	-20.00	0.00045	-160.00	-25.00	0.00045
-160.00	-30.00	0.00044	-160.00	-40.00	0.00042
-160.00	-50.00	0.00039	-160.00	-60.00	0.00037
-160.00	-70.00	0.00034	-160.00	-80.00	0.00030
-160.00	-90.00	0.00027	-160.00	-100.00	0.00024
-150.00	100.00	0.00025	-150.00	90.00	0.00030
-150.00	80.00	0.00036	-150.00	70.00	0.00044
-150.00	60.00	0.00053	-150.00	50.00	0.00065
-150.00	40.00	0.00079	-150.00	30.00	0.00094
-150.00	25.00	0.00101	-150.00	20.00	0.00106
-150.00	17.00	0.00108	-150.00	15.00	0.00108
-150.00	13.00	0.00107	-150.00	11.00	0.00106
-150.00	9.00	0.00103	-150.00	-9.00	0.00063
-150.00	-11.00	0.00061	-150.00	-13.00	0.00060
-150.00	-15.00	0.00059	-150.00	-17.00	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00057	-150.00	-25.00	0.00055
-150.00	-30.00	0.00053	-150.00	-40.00	0.00050

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00046	-150.00	-60.00	0.00042
-150.00	-70.00	0.00038	-150.00	-80.00	0.00034
-150.00	-90.00	0.00030	-150.00	-100.00	0.00027
-140.00	100.00	0.00024	-140.00	90.00	0.00029
-140.00	80.00	0.00036	-140.00	70.00	0.00044
-140.00	60.00	0.00054	-140.00	50.00	0.00067
-140.00	40.00	0.00084	-140.00	30.00	0.00105
-140.00	25.00	0.00117	-140.00	20.00	0.00128
-140.00	17.00	0.00135	-140.00	15.00	0.00138
-140.00	13.00	0.00141	-140.00	11.00	0.00143
-140.00	9.00	0.00144	-140.00	-9.00	0.00081
-140.00	-11.00	0.00079	-140.00	-13.00	0.00076
-140.00	-15.00	0.00075	-140.00	-17.00	0.00073
-140.00	-20.00	0.00071	-140.00	-25.00	0.00068
-140.00	-30.00	0.00065	-140.00	-40.00	0.00060
-140.00	-50.00	0.00055	-140.00	-60.00	0.00049
-140.00	-70.00	0.00044	-140.00	-80.00	0.00038
-140.00	-90.00	0.00034	-140.00	-100.00	0.00030
-130.00	100.00	0.00023	-130.00	90.00	0.00028
-130.00	80.00	0.00034	-130.00	70.00	0.00043
-130.00	60.00	0.00054	-130.00	50.00	0.00068
-130.00	40.00	0.00086	-130.00	30.00	0.00110
-130.00	25.00	0.00125	-130.00	20.00	0.00140
-130.00	17.00	0.00149	-130.00	15.00	0.00155
-130.00	13.00	0.00161	-130.00	11.00	0.00167
-130.00	9.00	0.00174	-130.00	-9.00	0.00152
-130.00	-11.00	0.00133	-130.00	-13.00	0.00121
-130.00	-15.00	0.00113	-130.00	-17.00	0.00108
-130.00	-20.00	0.00101	-130.00	-25.00	0.00093
-130.00	-30.00	0.00088	-130.00	-40.00	0.00078
-130.00	-50.00	0.00069	-130.00	-60.00	0.00060
-130.00	-70.00	0.00052	-130.00	-80.00	0.00045
-130.00	-90.00	0.00039	-130.00	-100.00	0.00034
-120.00	100.00	0.00021	-120.00	90.00	0.00026
-120.00	80.00	0.00032	-120.00	70.00	0.00041
-120.00	60.00	0.00052	-120.00	50.00	0.00067
-120.00	40.00	0.00087	-120.00	30.00	0.00114
-120.00	25.00	0.00130	-120.00	20.00	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*



06NCRA PL91-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00160	-120.00	15.00	0.00167	
-120.00	13.00	0.00175	-120.00	11.00	0.00185	
-120.00	9.00	0.00197	-120.00	-9.00	0.00356	
-120.00	-11.00	0.00304	-120.00	-13.00	0.00262	
-120.00	-15.00	0.00229	-120.00	-17.00	0.00204	
-120.00	-20.00	0.00177	-120.00	-25.00	0.00149	
-120.00	-30.00	0.00131	-120.00	-40.00	0.00106	
-120.00	-50.00	0.00088	-120.00	-60.00	0.00074	
-120.00	-70.00	0.00062	-120.00	-80.00	0.00053	
-120.00	-90.00	0.00046	-120.00	-100.00	0.00040	
-110.00	100.00	0.00020	-110.00	90.00	0.00024	
-110.00	80.00	0.00030	-110.00	70.00	0.00039	
-110.00	60.00	0.00050	-110.00	50.00	0.00066	
-110.00	40.00	0.00087	-110.00	30.00	0.00115	
-110.00	25.00	0.00133	-110.00	20.00	0.00153	
-110.00	17.00	0.00167	-110.00	15.00	0.00178	
-110.00	13.00	0.00189	-110.00	11.00	0.00203	
-110.00	9.00	0.00221	-110.00	-9.00	0.00519	
-110.00	-11.00	0.00470	-110.00	-13.00	0.00425	
-110.00	-15.00	0.00383	-110.00	-17.00	0.00346	
-110.00	-20.00	0.00297	-110.00	-25.00	0.00237	
-110.00	-30.00	0.00197	-110.00	-40.00	0.00147	
-110.00	-50.00	0.00116	-110.00	-60.00	0.00093	
-110.00	-70.00	0.00076	-110.00	-80.00	0.00063	
-110.00	-90.00	0.00054	-110.00	-100.00	0.00046	
-100.00	100.00	0.00018	-100.00	90.00	0.00023	
-100.00	80.00	0.00028	-100.00	70.00	0.00036	
-100.00	60.00	0.00047	-100.00	50.00	0.00063	
-100.00	40.00	0.00084	-100.00	30.00	0.00114	
-100.00	25.00	0.00133	-100.00	20.00	0.00156	
-100.00	17.00	0.00173	-100.00	15.00	0.00186	
-100.00	13.00	0.00200	-100.00	11.00	0.00218	
-100.00	9.00	0.00241	-100.00	-9.00	0.00619	
-100.00	-11.00	0.00577	-100.00	-13.00	0.00538	
-100.00	-15.00	0.00500	-100.00	-17.00	0.00464	
-100.00	-20.00	0.00413	-100.00	-25.00	0.00339	
-100.00	-30.00	0.00279	-100.00	-40.00	0.00199	
-100.00	-50.00	0.00149	-100.00	-60.00	0.00116	
-100.00	-70.00	0.00093	-100.00	-80.00	0.00076	
-100.00	-90.00	0.00064	-100.00	-100.00	0.00054	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00017	-90.00	90.00	0.00021
-90.00	80.00	0.00026	-90.00	70.00	0.00033
-90.00	60.00	0.00043	-90.00	50.00	0.00058
-90.00	40.00	0.00079	-90.00	30.00	0.00109
-90.00	25.00	0.00130	-90.00	20.00	0.00156
-90.00	17.00	0.00175	-90.00	15.00	0.00190
-90.00	13.00	0.00207	-90.00	11.00	0.00228
-90.00	9.00	0.00254	-90.00	-9.00	0.00683
-90.00	-11.00	0.00645	-90.00	-13.00	0.00610
-90.00	-15.00	0.00576	-90.00	-17.00	0.00544
-90.00	-20.00	0.00497	-90.00	-25.00	0.00423
-90.00	-30.00	0.00357	-90.00	-40.00	0.00254
-90.00	-50.00	0.00187	-90.00	-60.00	0.00143
-90.00	-70.00	0.00113	-90.00	-80.00	0.00091
-90.00	-90.00	0.00075	-90.00	-100.00	0.00062
-80.00	100.00	0.00016	-80.00	90.00	0.00019
-80.00	80.00	0.00024	-80.00	70.00	0.00030
-80.00	60.00	0.00039	-80.00	50.00	0.00051
-80.00	40.00	0.00071	-80.00	30.00	0.00102
-80.00	25.00	0.00124	-80.00	20.00	0.00152
-80.00	17.00	0.00173	-80.00	15.00	0.00189
-80.00	13.00	0.00208	-80.00	11.00	0.00231
-80.00	9.00	0.00259	-80.00	-9.00	0.00725
-80.00	-11.00	0.00689	-80.00	-13.00	0.00658
-80.00	-15.00	0.00627	-80.00	-17.00	0.00597
-80.00	-20.00	0.00553	-80.00	-25.00	0.00483
-80.00	-30.00	0.00417	-80.00	-40.00	0.00306
-80.00	-50.00	0.00226	-80.00	-60.00	0.00171
-80.00	-70.00	0.00133	-80.00	-80.00	0.00107
-80.00	-90.00	0.00087	-80.00	-100.00	0.00072
-70.00	100.00	0.00015	-70.00	90.00	0.00018
-70.00	80.00	0.00022	-70.00	70.00	0.00027
-70.00	60.00	0.00034	-70.00	50.00	0.00045
-70.00	40.00	0.00062	-70.00	30.00	0.00091

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00112	-70.00	20.00	0.00142
-70.00	17.00	0.00164	-70.00	15.00	0.00181
-70.00	13.00	0.00201	-70.00	11.00	0.00226
-70.00	9.00	0.00256	-70.00	-9.00	0.00753
-70.00	-11.00	0.00718	-70.00	-13.00	0.00689
-70.00	-15.00	0.00660	-70.00	-17.00	0.00632

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00589	-70.00	-25.00	0.00522
-70.00	-30.00	0.00460	-70.00	-40.00	0.00349
-70.00	-50.00	0.00263	-70.00	-60.00	0.00200
-70.00	-70.00	0.00155	-70.00	-80.00	0.00123
-70.00	-90.00	0.00100	-70.00	-100.00	0.00082
-60.00	100.00	0.00014	-60.00	90.00	0.00017
-60.00	80.00	0.00020	-60.00	70.00	0.00025
-60.00	60.00	0.00031	-60.00	50.00	0.00040
-60.00	40.00	0.00054	-60.00	30.00	0.00078
-60.00	25.00	0.00097	-60.00	20.00	0.00125
-60.00	17.00	0.00146	-60.00	15.00	0.00164
-60.00	13.00	0.00184	-60.00	11.00	0.00210
-60.00	9.00	0.00241	-60.00	-9.00	0.00769
-60.00	-11.00	0.00735	-60.00	-13.00	0.00705
-60.00	-15.00	0.00678	-60.00	-17.00	0.00651
-60.00	-20.00	0.00611	-60.00	-25.00	0.00547
-60.00	-30.00	0.00487	-60.00	-40.00	0.00381
-60.00	-50.00	0.00294	-60.00	-60.00	0.00226
-60.00	-70.00	0.00176	-60.00	-80.00	0.00140
-60.00	-90.00	0.00113	-60.00	-100.00	0.00093
-50.00	100.00	0.00014	-50.00	90.00	0.00016
-50.00	80.00	0.00019	-50.00	70.00	0.00023
-50.00	60.00	0.00028	-50.00	50.00	0.00036
-50.00	40.00	0.00048	-50.00	30.00	0.00068
-50.00	25.00	0.00084	-50.00	20.00	0.00106
-50.00	17.00	0.00124	-50.00	15.00	0.00139
-50.00	13.00	0.00157	-50.00	11.00	0.00180
-50.00	9.00	0.00209	-50.00	-9.00	0.00771

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00739	-50.00	-13.00	0.00708
-50.00	-15.00	0.00683	-50.00	-17.00	0.00659
-50.00	-20.00	0.00621	-50.00	-25.00	0.00560
-50.00	-30.00	0.00503	-50.00	-40.00	0.00402
-50.00	-50.00	0.00317	-50.00	-60.00	0.00248
-50.00	-70.00	0.00195	-50.00	-80.00	0.00155
-50.00	-90.00	0.00125	-50.00	-100.00	0.00102
-40.00	100.00	0.00013	-40.00	90.00	0.00015
-40.00	80.00	0.00018	-40.00	70.00	0.00021
-40.00	60.00	0.00026	-40.00	50.00	0.00033
-40.00	40.00	0.00044	-40.00	30.00	0.00063
-40.00	25.00	0.00077	-40.00	20.00	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:24:40

\*\*MODELOPTs:

PAGE 91

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00112	-40.00	15.00	0.00125
-40.00	13.00	0.00141	-40.00	11.00	0.00160
-40.00	9.00	0.00185	-40.00	-9.00	0.00710
-40.00	-11.00	0.00701	-40.00	-13.00	0.00682
-40.00	-15.00	0.00661	-40.00	-17.00	0.00641
-40.00	-20.00	0.00609	-40.00	-25.00	0.00555
-40.00	-30.00	0.00502	-40.00	-40.00	0.00409
-40.00	-50.00	0.00329	-40.00	-60.00	0.00262
-40.00	-70.00	0.00209	-40.00	-80.00	0.00167
-40.00	-90.00	0.00135	-40.00	-100.00	0.00111
-30.00	100.00	0.00012	-30.00	90.00	0.00014
-30.00	80.00	0.00017	-30.00	70.00	0.00020
-30.00	60.00	0.00025	-30.00	50.00	0.00031
-30.00	40.00	0.00041	-30.00	30.00	0.00058
-30.00	25.00	0.00070	-30.00	20.00	0.00088
-30.00	17.00	0.00102	-30.00	15.00	0.00114
-30.00	13.00	0.00128	-30.00	11.00	0.00145
-30.00	9.00	0.00166	-30.00	-9.00	0.00509
-30.00	-11.00	0.00534	-30.00	-13.00	0.00550
-30.00	-15.00	0.00558	-30.00	-17.00	0.00557
-30.00	-20.00	0.00547	-30.00	-25.00	0.00515
-30.00	-30.00	0.00476	-30.00	-40.00	0.00399

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00329	-30.00	-60.00	0.00268
-30.00	-70.00	0.00217	-30.00	-80.00	0.00176
-30.00	-90.00	0.00144	-30.00	-100.00	0.00118
-20.00	100.00	0.00012	-20.00	90.00	0.00014
-20.00	80.00	0.00016	-20.00	70.00	0.00019
-20.00	60.00	0.00023	-20.00	50.00	0.00029
-20.00	40.00	0.00038	-20.00	30.00	0.00053
-20.00	25.00	0.00065	-20.00	20.00	0.00081
-20.00	17.00	0.00093	-20.00	15.00	0.00103
-20.00	13.00	0.00114	-20.00	11.00	0.00127
-20.00	9.00	0.00142	-20.00	-9.00	0.00353
-20.00	-11.00	0.00375	-20.00	-13.00	0.00394
-20.00	-15.00	0.00410	-20.00	-17.00	0.00423
-20.00	-20.00	0.00435	-20.00	-25.00	0.00437
-20.00	-30.00	0.00422	-20.00	-40.00	0.00372
-20.00	-50.00	0.00316	-20.00	-60.00	0.00264
-20.00	-70.00	0.00219	-20.00	-80.00	0.00181
-20.00	-90.00	0.00149	-20.00	-100.00	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00011	-10.00	90.00	0.00013
-10.00	80.00	0.00015	-10.00	70.00	0.00017
-10.00	60.00	0.00021	-10.00	50.00	0.00026
-10.00	40.00	0.00035	-10.00	30.00	0.00050
-10.00	25.00	0.00060	-10.00	20.00	0.00073
-10.00	17.00	0.00083	-10.00	15.00	0.00091
-10.00	13.00	0.00099	-10.00	11.00	0.00108
-10.00	9.00	0.00119	-10.00	-9.00	0.00257
-10.00	-11.00	0.00272	-10.00	-13.00	0.00285
-10.00	-15.00	0.00298	-10.00	-17.00	0.00310
-10.00	-20.00	0.00326	-10.00	-25.00	0.00344
-10.00	-30.00	0.00349	-10.00	-40.00	0.00331
-10.00	-50.00	0.00294	-10.00	-60.00	0.00253
-10.00	-70.00	0.00215	-10.00	-80.00	0.00181
-10.00	-90.00	0.00151	-10.00	-100.00	0.00127
0.00	100.00	0.00010	0.00	90.00	0.00012

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00014	0.00	70.00	0.00016
0.00	60.00	0.00020	0.00	50.00	0.00025
0.00	40.00	0.00033	0.00	30.00	0.00046
0.00	25.00	0.00055	0.00	20.00	0.00066
0.00	17.00	0.00074	0.00	15.00	0.00079
0.00	13.00	0.00085	0.00	11.00	0.00092
0.00	9.00	0.00100	0.00	-9.00	0.00195
0.00	-11.00	0.00205	0.00	-13.00	0.00215
0.00	-15.00	0.00224	0.00	-17.00	0.00233
0.00	-20.00	0.00246	0.00	-25.00	0.00264
0.00	-30.00	0.00276	0.00	-40.00	0.00281
0.00	-50.00	0.00264	0.00	-60.00	0.00236
0.00	-70.00	0.00206	0.00	-80.00	0.00177
0.00	-90.00	0.00151	0.00	-100.00	0.00128
10.00	100.00	0.00010	10.00	90.00	0.00011
10.00	80.00	0.00013	10.00	70.00	0.00015
10.00	60.00	0.00019	10.00	50.00	0.00024
10.00	40.00	0.00031	10.00	30.00	0.00043
10.00	25.00	0.00050	10.00	20.00	0.00059
10.00	17.00	0.00065	10.00	15.00	0.00069
10.00	13.00	0.00074	10.00	11.00	0.00079
10.00	9.00	0.00085	10.00	-9.00	0.00153
10.00	-11.00	0.00160	10.00	-13.00	0.00167
10.00	-15.00	0.00174	10.00	-17.00	0.00181

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00190	10.00	-25.00	0.00205
10.00	-30.00	0.00217	10.00	-40.00	0.00232
10.00	-50.00	0.00229	10.00	-60.00	0.00214
10.00	-70.00	0.00193	10.00	-80.00	0.00170
10.00	-90.00	0.00148	10.00	-100.00	0.00127
20.00	100.00	0.00009	20.00	90.00	0.00010
20.00	80.00	0.00012	20.00	70.00	0.00014
20.00	60.00	0.00018	20.00	50.00	0.00023
20.00	40.00	0.00030	20.00	30.00	0.00039
20.00	25.00	0.00045	20.00	20.00	0.00052

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00057	20.00	15.00	0.00060
20.00	13.00	0.00064	20.00	11.00	0.00068
20.00	9.00	0.00072	20.00	-9.00	0.00123
20.00	-11.00	0.00129	20.00	-13.00	0.00134
20.00	-15.00	0.00139	20.00	-17.00	0.00144
20.00	-20.00	0.00151	20.00	-25.00	0.00163
20.00	-30.00	0.00173	20.00	-40.00	0.00189
20.00	-50.00	0.00195	20.00	-60.00	0.00189
20.00	-70.00	0.00176	20.00	-80.00	0.00160
20.00	-90.00	0.00142	20.00	-100.00	0.00125
30.00	100.00	0.00008	30.00	90.00	0.00010
30.00	80.00	0.00011	30.00	70.00	0.00014
30.00	60.00	0.00017	30.00	50.00	0.00022
30.00	40.00	0.00028	30.00	30.00	0.00036
30.00	25.00	0.00041	30.00	20.00	0.00046
30.00	17.00	0.00050	30.00	15.00	0.00053
30.00	13.00	0.00056	30.00	11.00	0.00059
30.00	9.00	0.00063	30.00	-9.00	0.00101
30.00	-11.00	0.00106	30.00	-13.00	0.00110
30.00	-15.00	0.00114	30.00	-17.00	0.00117
30.00	-20.00	0.00123	30.00	-25.00	0.00132
30.00	-30.00	0.00140	30.00	-40.00	0.00155
30.00	-50.00	0.00163	30.00	-60.00	0.00165
30.00	-70.00	0.00159	30.00	-80.00	0.00148
30.00	-90.00	0.00134	30.00	-100.00	0.00120
40.00	100.00	0.00008	40.00	90.00	0.00009
40.00	80.00	0.00011	40.00	70.00	0.00013
40.00	60.00	0.00016	40.00	50.00	0.00021
40.00	40.00	0.00026	40.00	30.00	0.00033
40.00	25.00	0.00037	40.00	20.00	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00044	40.00	15.00	0.00047
40.00	13.00	0.00049	40.00	11.00	0.00052
40.00	9.00	0.00055	40.00	-9.00	0.00085
40.00	-11.00	0.00088	40.00	-13.00	0.00091

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00095	40.00	-17.00	0.00098
40.00	-20.00	0.00102	40.00	-25.00	0.00109
40.00	-30.00	0.00116	40.00	-40.00	0.00128
40.00	-50.00	0.00137	40.00	-60.00	0.00142
40.00	-70.00	0.00140	40.00	-80.00	0.00135
40.00	-90.00	0.00125	40.00	-100.00	0.00115
50.00	100.00	0.00008	50.00	90.00	0.00009
50.00	80.00	0.00011	50.00	70.00	0.00013
50.00	60.00	0.00016	50.00	50.00	0.00019
50.00	40.00	0.00024	50.00	30.00	0.00030
50.00	25.00	0.00033	50.00	20.00	0.00037
50.00	17.00	0.00040	50.00	15.00	0.00041
50.00	13.00	0.00043	50.00	11.00	0.00046
50.00	9.00	0.00048	50.00	-9.00	0.00072
50.00	-11.00	0.00075	50.00	-13.00	0.00077
50.00	-15.00	0.00080	50.00	-17.00	0.00082
50.00	-20.00	0.00086	50.00	-25.00	0.00092
50.00	-30.00	0.00097	50.00	-40.00	0.00107
50.00	-50.00	0.00116	50.00	-60.00	0.00121
50.00	-70.00	0.00123	50.00	-80.00	0.00121
50.00	-90.00	0.00115	50.00	-100.00	0.00108
60.00	100.00	0.00007	60.00	90.00	0.00009
60.00	80.00	0.00010	60.00	70.00	0.00012
60.00	60.00	0.00015	60.00	50.00	0.00018
60.00	40.00	0.00023	60.00	30.00	0.00027
60.00	25.00	0.00030	60.00	20.00	0.00033
60.00	17.00	0.00036	60.00	15.00	0.00037
60.00	13.00	0.00039	60.00	11.00	0.00041
60.00	9.00	0.00043	60.00	-9.00	0.00062
60.00	-11.00	0.00064	60.00	-13.00	0.00066
60.00	-15.00	0.00068	60.00	-17.00	0.00070
60.00	-20.00	0.00073	60.00	-25.00	0.00078
60.00	-30.00	0.00083	60.00	-40.00	0.00091
60.00	-50.00	0.00098	60.00	-60.00	0.00104
60.00	-70.00	0.00108	60.00	-80.00	0.00108
60.00	-90.00	0.00105	60.00	-100.00	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



06NCRA PL91-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00007	70.00	90.00	0.00008
70.00	80.00	0.00010	70.00	70.00	0.00012
70.00	60.00	0.00014	70.00	50.00	0.00017
70.00	40.00	0.00021	70.00	30.00	0.00025
70.00	25.00	0.00027	70.00	20.00	0.00030
70.00	17.00	0.00032	70.00	15.00	0.00033
70.00	13.00	0.00035	70.00	11.00	0.00036
70.00	9.00	0.00038	70.00	-9.00	0.00054
70.00	-11.00	0.00056	70.00	-13.00	0.00058
70.00	-15.00	0.00059	70.00	-17.00	0.00061
70.00	-20.00	0.00063	70.00	-25.00	0.00067
70.00	-30.00	0.00071	70.00	-40.00	0.00078
70.00	-50.00	0.00084	70.00	-60.00	0.00090
70.00	-70.00	0.00094	70.00	-80.00	0.00096
70.00	-90.00	0.00095	70.00	-100.00	0.00092
80.00	100.00	0.00007	80.00	90.00	0.00008
80.00	80.00	0.00010	80.00	70.00	0.00011
80.00	60.00	0.00014	80.00	50.00	0.00016
80.00	40.00	0.00020	80.00	30.00	0.00023
80.00	25.00	0.00025	80.00	20.00	0.00027
80.00	17.00	0.00029	80.00	15.00	0.00030
80.00	13.00	0.00031	80.00	11.00	0.00033
80.00	9.00	0.00034	80.00	-9.00	0.00048
80.00	-11.00	0.00049	80.00	-13.00	0.00050
80.00	-15.00	0.00052	80.00	-17.00	0.00053
80.00	-20.00	0.00055	80.00	-25.00	0.00059
80.00	-30.00	0.00062	80.00	-40.00	0.00068
80.00	-50.00	0.00073	80.00	-60.00	0.00078
80.00	-70.00	0.00082	80.00	-80.00	0.00084
80.00	-90.00	0.00085	80.00	-100.00	0.00084
90.00	100.00	0.00007	90.00	90.00	0.00008
90.00	80.00	0.00009	90.00	70.00	0.00011
90.00	60.00	0.00013	90.00	50.00	0.00016
90.00	40.00	0.00018	90.00	30.00	0.00021
90.00	25.00	0.00023	90.00	20.00	0.00025
90.00	17.00	0.00026	90.00	15.00	0.00027
90.00	13.00	0.00028	90.00	11.00	0.00030
90.00	9.00	0.00031	90.00	-9.00	0.00042
90.00	-11.00	0.00043	90.00	-13.00	0.00045
90.00	-15.00	0.00046	90.00	-17.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00049	90.00	-25.00	0.00051
90.00	-30.00	0.00054	90.00	-40.00	0.00059
90.00	-50.00	0.00064	90.00	-60.00	0.00068
90.00	-70.00	0.00072	90.00	-80.00	0.00075
90.00	-90.00	0.00076	90.00	-100.00	0.00076
100.00	100.00	0.00007	100.00	90.00	0.00008
100.00	80.00	0.00009	100.00	70.00	0.00011
100.00	60.00	0.00013	100.00	50.00	0.00015
100.00	40.00	0.00017	100.00	30.00	0.00020
100.00	25.00	0.00021	100.00	20.00	0.00023
100.00	17.00	0.00024	100.00	15.00	0.00025
100.00	13.00	0.00026	100.00	11.00	0.00027
100.00	9.00	0.00028	100.00	-9.00	0.00038
100.00	-11.00	0.00039	100.00	-13.00	0.00040
100.00	-15.00	0.00041	100.00	-17.00	0.00042
100.00	-20.00	0.00043	100.00	-25.00	0.00046
100.00	-30.00	0.00048	100.00	-40.00	0.00052
100.00	-50.00	0.00056	100.00	-60.00	0.00060
100.00	-70.00	0.00063	100.00	-80.00	0.00066
100.00	-90.00	0.00068	100.00	-100.00	0.00069
110.00	100.00	0.00006	110.00	90.00	0.00007
110.00	80.00	0.00009	110.00	70.00	0.00010
110.00	60.00	0.00012	110.00	50.00	0.00014
110.00	40.00	0.00016	110.00	30.00	0.00018
110.00	25.00	0.00019	110.00	20.00	0.00021
110.00	17.00	0.00022	110.00	15.00	0.00023
110.00	13.00	0.00024	110.00	11.00	0.00025
110.00	9.00	0.00025	110.00	-9.00	0.00034
110.00	-11.00	0.00035	110.00	-13.00	0.00036
110.00	-15.00	0.00036	110.00	-17.00	0.00037
110.00	-20.00	0.00039	110.00	-25.00	0.00041
110.00	-30.00	0.00043	110.00	-40.00	0.00046
110.00	-50.00	0.00050	110.00	-60.00	0.00053
110.00	-70.00	0.00056	110.00	-80.00	0.00059
110.00	-90.00	0.00061	110.00	-100.00	0.00062
120.00	100.00	0.00006	120.00	90.00	0.00007

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00008	120.00	70.00	0.00010
120.00	60.00	0.00011	120.00	50.00	0.00013
120.00	40.00	0.00015	120.00	30.00	0.00017
120.00	25.00	0.00018	120.00	20.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00020	120.00	15.00	0.00021
120.00	13.00	0.00022	120.00	11.00	0.00023
120.00	9.00	0.00023	120.00	-9.00	0.00030
120.00	-11.00	0.00031	120.00	-13.00	0.00032
120.00	-15.00	0.00033	120.00	-17.00	0.00034
120.00	-20.00	0.00035	120.00	-25.00	0.00036
120.00	-30.00	0.00038	120.00	-40.00	0.00041
120.00	-50.00	0.00045	120.00	-60.00	0.00048
120.00	-70.00	0.00050	120.00	-80.00	0.00053
120.00	-90.00	0.00055	120.00	-100.00	0.00056
130.00	100.00	0.00006	130.00	90.00	0.00007
130.00	80.00	0.00008	130.00	70.00	0.00009
130.00	60.00	0.00011	130.00	50.00	0.00012
130.00	40.00	0.00014	130.00	30.00	0.00016
130.00	25.00	0.00017	130.00	20.00	0.00018
130.00	17.00	0.00019	130.00	15.00	0.00019
130.00	13.00	0.00020	130.00	11.00	0.00021
130.00	9.00	0.00021	130.00	-9.00	0.00028
130.00	-11.00	0.00028	130.00	-13.00	0.00029
130.00	-15.00	0.00030	130.00	-17.00	0.00030
130.00	-20.00	0.00031	130.00	-25.00	0.00033
130.00	-30.00	0.00034	130.00	-40.00	0.00037
130.00	-50.00	0.00040	130.00	-60.00	0.00043
130.00	-70.00	0.00045	130.00	-80.00	0.00047
130.00	-90.00	0.00049	130.00	-100.00	0.00051
140.00	100.00	0.00006	140.00	90.00	0.00007
140.00	80.00	0.00008	140.00	70.00	0.00009
140.00	60.00	0.00010	140.00	50.00	0.00011
140.00	40.00	0.00013	140.00	30.00	0.00015
140.00	25.00	0.00016	140.00	20.00	0.00017

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00018	140.00	15.00	0.00018
140.00	13.00	0.00019	140.00	11.00	0.00019
140.00	9.00	0.00020	140.00	-9.00	0.00025
140.00	-11.00	0.00026	140.00	-13.00	0.00026
140.00	-15.00	0.00027	140.00	-17.00	0.00028
140.00	-20.00	0.00028	140.00	-25.00	0.00030
140.00	-30.00	0.00031	140.00	-40.00	0.00034
140.00	-50.00	0.00036	140.00	-60.00	0.00038
140.00	-70.00	0.00041	140.00	-80.00	0.00043
140.00	-90.00	0.00045	140.00	-100.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00006	150.00	90.00	0.00007
150.00	80.00	0.00008	150.00	70.00	0.00009
150.00	60.00	0.00010	150.00	50.00	0.00011
150.00	40.00	0.00012	150.00	30.00	0.00014
150.00	25.00	0.00015	150.00	20.00	0.00016
150.00	17.00	0.00016	150.00	15.00	0.00017
150.00	13.00	0.00017	150.00	11.00	0.00018
150.00	9.00	0.00018	150.00	-9.00	0.00023
150.00	-11.00	0.00024	150.00	-13.00	0.00024
150.00	-15.00	0.00025	150.00	-17.00	0.00025
150.00	-20.00	0.00026	150.00	-25.00	0.00027
150.00	-30.00	0.00028	150.00	-40.00	0.00031
150.00	-50.00	0.00033	150.00	-60.00	0.00035
150.00	-70.00	0.00037	150.00	-80.00	0.00039
150.00	-90.00	0.00040	150.00	-100.00	0.00042
160.00	100.00	0.00006	160.00	90.00	0.00006
160.00	80.00	0.00007	160.00	70.00	0.00008
160.00	60.00	0.00009	160.00	50.00	0.00010
160.00	40.00	0.00011	160.00	30.00	0.00013
160.00	25.00	0.00014	160.00	20.00	0.00015
160.00	17.00	0.00015	160.00	15.00	0.00016
160.00	13.00	0.00016	160.00	11.00	0.00017
160.00	9.00	0.00017	160.00	-9.00	0.00021
160.00	-11.00	0.00022	160.00	-13.00	0.00022

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00023	160.00	-17.00	0.00023
160.00	-20.00	0.00024	160.00	-25.00	0.00025
160.00	-30.00	0.00026	160.00	-40.00	0.00028
160.00	-50.00	0.00030	160.00	-60.00	0.00032
160.00	-70.00	0.00034	160.00	-80.00	0.00035
160.00	-90.00	0.00037	160.00	-100.00	0.00038
170.00	100.00	0.00006	170.00	90.00	0.00006
170.00	80.00	0.00007	170.00	70.00	0.00008
170.00	60.00	0.00009	170.00	50.00	0.00010
170.00	40.00	0.00011	170.00	30.00	0.00012
170.00	25.00	0.00013	170.00	20.00	0.00014
170.00	17.00	0.00014	170.00	15.00	0.00015
170.00	13.00	0.00015	170.00	11.00	0.00015
170.00	9.00	0.00016	170.00	-9.00	0.00020
170.00	-11.00	0.00020	170.00	-13.00	0.00020
170.00	-15.00	0.00021	170.00	-17.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00022	170.00	-25.00	0.00023
170.00	-30.00	0.00024	170.00	-40.00	0.00026
170.00	-50.00	0.00027	170.00	-60.00	0.00029
170.00	-70.00	0.00031	170.00	-80.00	0.00032
170.00	-90.00	0.00034	170.00	-100.00	0.00035
180.00	100.00	0.00005	180.00	90.00	0.00006
180.00	80.00	0.00007	180.00	70.00	0.00008
180.00	60.00	0.00008	180.00	50.00	0.00009
180.00	40.00	0.00010	180.00	30.00	0.00011
180.00	25.00	0.00012	180.00	20.00	0.00013
180.00	17.00	0.00013	180.00	15.00	0.00014
180.00	13.00	0.00014	180.00	11.00	0.00014
180.00	9.00	0.00015	180.00	-9.00	0.00018
180.00	-11.00	0.00019	180.00	-13.00	0.00019
180.00	-15.00	0.00019	180.00	-17.00	0.00020
180.00	-20.00	0.00020	180.00	-25.00	0.00021
180.00	-30.00	0.00022	180.00	-40.00	0.00024
180.00	-50.00	0.00025	180.00	-60.00	0.00027

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00028	180.00	-80.00	0.00029
180.00	-90.00	0.00031	180.00	-100.00	0.00032
190.00	100.00	0.00005	190.00	90.00	0.00006
190.00	80.00	0.00007	190.00	70.00	0.00007
190.00	60.00	0.00008	190.00	50.00	0.00009
190.00	40.00	0.00010	190.00	30.00	0.00011
190.00	25.00	0.00011	190.00	20.00	0.00012
190.00	17.00	0.00012	190.00	15.00	0.00013
190.00	13.00	0.00013	190.00	11.00	0.00013
190.00	9.00	0.00014	190.00	-9.00	0.00017
190.00	-11.00	0.00017	190.00	-13.00	0.00018
190.00	-15.00	0.00018	190.00	-17.00	0.00018
190.00	-20.00	0.00019	190.00	-25.00	0.00020
190.00	-30.00	0.00020	190.00	-40.00	0.00022
190.00	-50.00	0.00023	190.00	-60.00	0.00024
190.00	-70.00	0.00026	190.00	-80.00	0.00027
190.00	-90.00	0.00028	190.00	-100.00	0.00029
200.00	100.00	0.00005	200.00	90.00	0.00006
200.00	80.00	0.00006	200.00	70.00	0.00007
200.00	60.00	0.00008	200.00	50.00	0.00008
200.00	40.00	0.00009	200.00	30.00	0.00010
200.00	25.00	0.00011	200.00	20.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00012	200.00	15.00	0.00012
200.00	13.00	0.00012	200.00	11.00	0.00013
200.00	9.00	0.00013	200.00	-9.00	0.00016
200.00	-11.00	0.00016	200.00	-13.00	0.00016
200.00	-15.00	0.00017	200.00	-17.00	0.00017
200.00	-20.00	0.00017	200.00	-25.00	0.00018
200.00	-30.00	0.00019	200.00	-40.00	0.00020
200.00	-50.00	0.00021	200.00	-60.00	0.00023
200.00	-70.00	0.00024	200.00	-80.00	0.00025
200.00	-90.00	0.00026	200.00	-100.00	0.00027
210.00	100.00	0.00005	210.00	90.00	0.00005
210.00	80.00	0.00006	210.00	70.00	0.00007

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00007	210.00	50.00	0.00008
210.00	40.00	0.00009	210.00	30.00	0.00010
210.00	25.00	0.00010	210.00	20.00	0.00011
210.00	17.00	0.00011	210.00	15.00	0.00011
210.00	13.00	0.00012	210.00	11.00	0.00012
210.00	9.00	0.00012	210.00	-9.00	0.00015
210.00	-11.00	0.00015	210.00	-13.00	0.00015
210.00	-15.00	0.00016	210.00	-17.00	0.00016
210.00	-20.00	0.00016	210.00	-25.00	0.00017
210.00	-30.00	0.00017	210.00	-40.00	0.00019
210.00	-50.00	0.00020	210.00	-60.00	0.00021
210.00	-70.00	0.00022	210.00	-80.00	0.00023
210.00	-90.00	0.00024	210.00	-100.00	0.00025
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00007	220.00	50.00	0.00007
220.00	40.00	0.00008	220.00	30.00	0.00009
220.00	25.00	0.00010	220.00	20.00	0.00010
220.00	17.00	0.00010	220.00	15.00	0.00011
220.00	13.00	0.00011	220.00	11.00	0.00011
220.00	9.00	0.00011	220.00	-9.00	0.00014
220.00	-11.00	0.00014	220.00	-13.00	0.00014
220.00	-15.00	0.00014	220.00	-17.00	0.00015
220.00	-20.00	0.00015	220.00	-25.00	0.00016
220.00	-30.00	0.00016	220.00	-40.00	0.00017
220.00	-50.00	0.00018	220.00	-60.00	0.00019
220.00	-70.00	0.00020	220.00	-80.00	0.00021
220.00	-90.00	0.00022	220.00	-100.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00006	230.00	70.00	0.00006
230.00	60.00	0.00007	230.00	50.00	0.00007
230.00	40.00	0.00008	230.00	30.00	0.00009
230.00	25.00	0.00009	230.00	20.00	0.00010
230.00	17.00	0.00010	230.00	15.00	0.00010

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00010	230.00	11.00	0.00011
230.00	9.00	0.00011	230.00	-9.00	0.00013
230.00	-11.00	0.00013	230.00	-13.00	0.00013
230.00	-15.00	0.00014	230.00	-17.00	0.00014
230.00	-20.00	0.00014	230.00	-25.00	0.00015
230.00	-30.00	0.00015	230.00	-40.00	0.00016
230.00	-50.00	0.00017	230.00	-60.00	0.00018
230.00	-70.00	0.00019	230.00	-80.00	0.00020
230.00	-90.00	0.00021	230.00	-100.00	0.00022
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00006
240.00	60.00	0.00006	240.00	50.00	0.00007
240.00	40.00	0.00007	240.00	30.00	0.00008
240.00	25.00	0.00009	240.00	20.00	0.00009
240.00	17.00	0.00009	240.00	15.00	0.00010
240.00	13.00	0.00010	240.00	11.00	0.00010
240.00	9.00	0.00010	240.00	-9.00	0.00012
240.00	-11.00	0.00012	240.00	-13.00	0.00013
240.00	-15.00	0.00013	240.00	-17.00	0.00013
240.00	-20.00	0.00013	240.00	-25.00	0.00014
240.00	-30.00	0.00014	240.00	-40.00	0.00015
240.00	-50.00	0.00016	240.00	-60.00	0.00017
240.00	-70.00	0.00018	240.00	-80.00	0.00019
240.00	-90.00	0.00019	240.00	-100.00	0.00020
250.00	100.00	0.00004	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00006
250.00	60.00	0.00006	250.00	50.00	0.00006
250.00	40.00	0.00007	250.00	30.00	0.00008
250.00	25.00	0.00008	250.00	20.00	0.00009
250.00	17.00	0.00009	250.00	15.00	0.00009
250.00	13.00	0.00009	250.00	11.00	0.00009
250.00	9.00	0.00010	250.00	-9.00	0.00011
250.00	-11.00	0.00012	250.00	-13.00	0.00012
250.00	-15.00	0.00012	250.00	-17.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00012	250.00	-25.00	0.00013
250.00	-30.00	0.00013	250.00	-40.00	0.00014
250.00	-50.00	0.00015	250.00	-60.00	0.00016
250.00	-70.00	0.00017	250.00	-80.00	0.00017
250.00	-90.00	0.00018	250.00	-100.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00025	-250.00	90.00	0.00030
-250.00	80.00	0.00036	-250.00	70.00	0.00043
-250.00	60.00	0.00051	-250.00	50.00	0.00060
-250.00	40.00	0.00070	-250.00	30.00	0.00079
-250.00	25.00	0.00082	-250.00	20.00	0.00084
-250.00	17.00	0.00083	-250.00	15.00	0.00083
-250.00	13.00	0.00082	-250.00	11.00	0.00080
-250.00	9.00	0.00078	-250.00	-9.00	0.00052
-250.00	-11.00	0.00051	-250.00	-13.00	0.00049
-250.00	-15.00	0.00048	-250.00	-17.00	0.00047
-250.00	-20.00	0.00045	-250.00	-25.00	0.00045
-250.00	-30.00	0.00044	-250.00	-40.00	0.00042
-250.00	-50.00	0.00039	-250.00	-60.00	0.00037
-250.00	-70.00	0.00034	-250.00	-80.00	0.00030
-250.00	-90.00	0.00027	-250.00	-100.00	0.00024
-240.00	100.00	0.00025	-240.00	90.00	0.00030
-240.00	80.00	0.00036	-240.00	70.00	0.00044
-240.00	60.00	0.00053	-240.00	50.00	0.00065
-240.00	40.00	0.00079	-240.00	30.00	0.00094
-240.00	25.00	0.00101	-240.00	20.00	0.00106
-240.00	17.00	0.00108	-240.00	15.00	0.00108
-240.00	13.00	0.00107	-240.00	11.00	0.00106
-240.00	9.00	0.00103	-240.00	-9.00	0.00063
-240.00	-11.00	0.00061	-240.00	-13.00	0.00060
-240.00	-15.00	0.00059	-240.00	-17.00	0.00058
-240.00	-20.00	0.00057	-240.00	-25.00	0.00055
-240.00	-30.00	0.00053	-240.00	-40.00	0.00050
-240.00	-50.00	0.00046	-240.00	-60.00	0.00042
-240.00	-70.00	0.00038	-240.00	-80.00	0.00034

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00030	-240.00	-100.00	0.00027
-230.00	100.00	0.00024	-230.00	90.00	0.00029
-230.00	80.00	0.00036	-230.00	70.00	0.00044
-230.00	60.00	0.00054	-230.00	50.00	0.00067
-230.00	40.00	0.00084	-230.00	30.00	0.00105
-230.00	25.00	0.00117	-230.00	20.00	0.00128
-230.00	17.00	0.00135	-230.00	15.00	0.00138
-230.00	13.00	0.00141	-230.00	11.00	0.00143
-230.00	9.00	0.00144	-230.00	-9.00	0.00081
-230.00	-11.00	0.00079	-230.00	-13.00	0.00076
-230.00	-15.00	0.00075	-230.00	-17.00	0.00073

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00071	-230.00	-25.00	0.00068
-230.00	-30.00	0.00065	-230.00	-40.00	0.00060
-230.00	-50.00	0.00055	-230.00	-60.00	0.00049
-230.00	-70.00	0.00044	-230.00	-80.00	0.00038
-230.00	-90.00	0.00034	-230.00	-100.00	0.00030
-220.00	100.00	0.00023	-220.00	90.00	0.00028
-220.00	80.00	0.00034	-220.00	70.00	0.00043
-220.00	60.00	0.00054	-220.00	50.00	0.00068
-220.00	40.00	0.00086	-220.00	30.00	0.00110
-220.00	25.00	0.00125	-220.00	20.00	0.00140
-220.00	17.00	0.00149	-220.00	15.00	0.00155
-220.00	13.00	0.00161	-220.00	11.00	0.00167
-220.00	9.00	0.00174	-220.00	-9.00	0.00152
-220.00	-11.00	0.00133	-220.00	-13.00	0.00121
-220.00	-15.00	0.00113	-220.00	-17.00	0.00108
-220.00	-20.00	0.00101	-220.00	-25.00	0.00093
-220.00	-30.00	0.00088	-220.00	-40.00	0.00078
-220.00	-50.00	0.00069	-220.00	-60.00	0.00060
-220.00	-70.00	0.00052	-220.00	-80.00	0.00045
-220.00	-90.00	0.00039	-220.00	-100.00	0.00034
-210.00	100.00	0.00021	-210.00	90.00	0.00026
-210.00	80.00	0.00032	-210.00	70.00	0.00041
-210.00	60.00	0.00052	-210.00	50.00	0.00067

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00087	-210.00	30.00	0.00114
-210.00	25.00	0.00130	-210.00	20.00	0.00148
-210.00	17.00	0.00160	-210.00	15.00	0.00167
-210.00	13.00	0.00175	-210.00	11.00	0.00185
-210.00	9.00	0.00197	-210.00	-9.00	0.00356
-210.00	-11.00	0.00304	-210.00	-13.00	0.00262
-210.00	-15.00	0.00229	-210.00	-17.00	0.00204
-210.00	-20.00	0.00177	-210.00	-25.00	0.00149
-210.00	-30.00	0.00131	-210.00	-40.00	0.00106
-210.00	-50.00	0.00088	-210.00	-60.00	0.00074
-210.00	-70.00	0.00062	-210.00	-80.00	0.00053
-210.00	-90.00	0.00046	-210.00	-100.00	0.00040
-200.00	100.00	0.00020	-200.00	90.00	0.00024
-200.00	80.00	0.00030	-200.00	70.00	0.00039
-200.00	60.00	0.00050	-200.00	50.00	0.00066
-200.00	40.00	0.00087	-200.00	30.00	0.00115
-200.00	25.00	0.00133	-200.00	20.00	0.00153

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:  
 PAGE 105

CONC                                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00167	-200.00	15.00	0.00178
-200.00	13.00	0.00189	-200.00	11.00	0.00203
-200.00	9.00	0.00221	-200.00	-9.00	0.00519
-200.00	-11.00	0.00470	-200.00	-13.00	0.00425
-200.00	-15.00	0.00383	-200.00	-17.00	0.00346
-200.00	-20.00	0.00297	-200.00	-25.00	0.00237
-200.00	-30.00	0.00197	-200.00	-40.00	0.00147
-200.00	-50.00	0.00116	-200.00	-60.00	0.00093
-200.00	-70.00	0.00076	-200.00	-80.00	0.00063
-200.00	-90.00	0.00054	-200.00	-100.00	0.00046
-190.00	100.00	0.00018	-190.00	90.00	0.00023
-190.00	80.00	0.00028	-190.00	70.00	0.00036
-190.00	60.00	0.00047	-190.00	50.00	0.00063
-190.00	40.00	0.00084	-190.00	30.00	0.00114
-190.00	25.00	0.00133	-190.00	20.00	0.00156
-190.00	17.00	0.00173	-190.00	15.00	0.00186
-190.00	13.00	0.00200	-190.00	11.00	0.00218



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00417	-170.00	-40.00	0.00306
-170.00	-50.00	0.00226	-170.00	-60.00	0.00171
-170.00	-70.00	0.00133	-170.00	-80.00	0.00107
-170.00	-90.00	0.00087	-170.00	-100.00	0.00072
-160.00	100.00	0.00015	-160.00	90.00	0.00018
-160.00	80.00	0.00022	-160.00	70.00	0.00027
-160.00	60.00	0.00034	-160.00	50.00	0.00045
-160.00	40.00	0.00062	-160.00	30.00	0.00091
-160.00	25.00	0.00112	-160.00	20.00	0.00142
-160.00	17.00	0.00164	-160.00	15.00	0.00181
-160.00	13.00	0.00201	-160.00	11.00	0.00226
-160.00	9.00	0.00256	-160.00	-9.00	0.00753
-160.00	-11.00	0.00718	-160.00	-13.00	0.00689
-160.00	-15.00	0.00660	-160.00	-17.00	0.00632
-160.00	-20.00	0.00589	-160.00	-25.00	0.00522
-160.00	-30.00	0.00460	-160.00	-40.00	0.00349
-160.00	-50.00	0.00263	-160.00	-60.00	0.00200
-160.00	-70.00	0.00155	-160.00	-80.00	0.00123
-160.00	-90.00	0.00100	-160.00	-100.00	0.00082
-150.00	100.00	0.00014	-150.00	90.00	0.00017
-150.00	80.00	0.00020	-150.00	70.00	0.00025
-150.00	60.00	0.00031	-150.00	50.00	0.00040
-150.00	40.00	0.00054	-150.00	30.00	0.00078
-150.00	25.00	0.00097	-150.00	20.00	0.00125
-150.00	17.00	0.00146	-150.00	15.00	0.00164
-150.00	13.00	0.00184	-150.00	11.00	0.00210
-150.00	9.00	0.00241	-150.00	-9.00	0.00769
-150.00	-11.00	0.00735	-150.00	-13.00	0.00705
-150.00	-15.00	0.00678	-150.00	-17.00	0.00651

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00611	-150.00	-25.00	0.00547
-150.00	-30.00	0.00487	-150.00	-40.00	0.00381
-150.00	-50.00	0.00294	-150.00	-60.00	0.00226
-150.00	-70.00	0.00176	-150.00	-80.00	0.00140
-150.00	-90.00	0.00113	-150.00	-100.00	0.00093

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00014	-140.00	90.00	0.00016
-140.00	80.00	0.00019	-140.00	70.00	0.00023
-140.00	60.00	0.00028	-140.00	50.00	0.00036
-140.00	40.00	0.00048	-140.00	30.00	0.00068
-140.00	25.00	0.00084	-140.00	20.00	0.00106
-140.00	17.00	0.00124	-140.00	15.00	0.00139
-140.00	13.00	0.00157	-140.00	11.00	0.00180
-140.00	9.00	0.00209	-140.00	-9.00	0.00771
-140.00	-11.00	0.00739	-140.00	-13.00	0.00708
-140.00	-15.00	0.00683	-140.00	-17.00	0.00659
-140.00	-20.00	0.00621	-140.00	-25.00	0.00560
-140.00	-30.00	0.00503	-140.00	-40.00	0.00402
-140.00	-50.00	0.00317	-140.00	-60.00	0.00248
-140.00	-70.00	0.00195	-140.00	-80.00	0.00155
-140.00	-90.00	0.00125	-140.00	-100.00	0.00102
-130.00	100.00	0.00013	-130.00	90.00	0.00015
-130.00	80.00	0.00018	-130.00	70.00	0.00021
-130.00	60.00	0.00026	-130.00	50.00	0.00033
-130.00	40.00	0.00044	-130.00	30.00	0.00063
-130.00	25.00	0.00077	-130.00	20.00	0.00096
-130.00	17.00	0.00112	-130.00	15.00	0.00125
-130.00	13.00	0.00141	-130.00	11.00	0.00160
-130.00	9.00	0.00185	-130.00	-9.00	0.00710
-130.00	-11.00	0.00701	-130.00	-13.00	0.00682
-130.00	-15.00	0.00661	-130.00	-17.00	0.00641
-130.00	-20.00	0.00609	-130.00	-25.00	0.00555
-130.00	-30.00	0.00502	-130.00	-40.00	0.00409
-130.00	-50.00	0.00329	-130.00	-60.00	0.00262
-130.00	-70.00	0.00209	-130.00	-80.00	0.00167
-130.00	-90.00	0.00135	-130.00	-100.00	0.00111
-120.00	100.00	0.00012	-120.00	90.00	0.00014
-120.00	80.00	0.00017	-120.00	70.00	0.00020
-120.00	60.00	0.00025	-120.00	50.00	0.00031
-120.00	40.00	0.00041	-120.00	30.00	0.00058
-120.00	25.00	0.00070	-120.00	20.00	0.00088

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:24:40  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00102	-120.00	15.00	0.00114
-120.00	13.00	0.00128	-120.00	11.00	0.00145
-120.00	9.00	0.00166	-120.00	-9.00	0.00509
-120.00	-11.00	0.00534	-120.00	-13.00	0.00550
-120.00	-15.00	0.00558	-120.00	-17.00	0.00557
-120.00	-20.00	0.00547	-120.00	-25.00	0.00515
-120.00	-30.00	0.00476	-120.00	-40.00	0.00399
-120.00	-50.00	0.00329	-120.00	-60.00	0.00268
-120.00	-70.00	0.00217	-120.00	-80.00	0.00176
-120.00	-90.00	0.00144	-120.00	-100.00	0.00118
-110.00	100.00	0.00012	-110.00	90.00	0.00014
-110.00	80.00	0.00016	-110.00	70.00	0.00019
-110.00	60.00	0.00023	-110.00	50.00	0.00029
-110.00	40.00	0.00038	-110.00	30.00	0.00053
-110.00	25.00	0.00065	-110.00	20.00	0.00081
-110.00	17.00	0.00093	-110.00	15.00	0.00103
-110.00	13.00	0.00114	-110.00	11.00	0.00127
-110.00	9.00	0.00142	-110.00	-9.00	0.00353
-110.00	-11.00	0.00375	-110.00	-13.00	0.00394
-110.00	-15.00	0.00410	-110.00	-17.00	0.00423
-110.00	-20.00	0.00435	-110.00	-25.00	0.00437
-110.00	-30.00	0.00422	-110.00	-40.00	0.00372
-110.00	-50.00	0.00316	-110.00	-60.00	0.00264
-110.00	-70.00	0.00219	-110.00	-80.00	0.00181
-110.00	-90.00	0.00149	-110.00	-100.00	0.00124
-100.00	100.00	0.00011	-100.00	90.00	0.00013
-100.00	80.00	0.00015	-100.00	70.00	0.00017
-100.00	60.00	0.00021	-100.00	50.00	0.00026
-100.00	40.00	0.00035	-100.00	30.00	0.00050
-100.00	25.00	0.00060	-100.00	20.00	0.00073
-100.00	17.00	0.00083	-100.00	15.00	0.00091
-100.00	13.00	0.00099	-100.00	11.00	0.00108
-100.00	9.00	0.00119	-100.00	-9.00	0.00257
-100.00	-11.00	0.00272	-100.00	-13.00	0.00285
-100.00	-15.00	0.00298	-100.00	-17.00	0.00310
-100.00	-20.00	0.00326	-100.00	-25.00	0.00344
-100.00	-30.00	0.00349	-100.00	-40.00	0.00331
-100.00	-50.00	0.00294	-100.00	-60.00	0.00253
-100.00	-70.00	0.00215	-100.00	-80.00	0.00181
-100.00	-90.00	0.00151	-100.00	-100.00	0.00127

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00010	-90.00	90.00	0.00012
-90.00	80.00	0.00014	-90.00	70.00	0.00016
-90.00	60.00	0.00020	-90.00	50.00	0.00025
-90.00	40.00	0.00033	-90.00	30.00	0.00046
-90.00	25.00	0.00055	-90.00	20.00	0.00066
-90.00	17.00	0.00074	-90.00	15.00	0.00079
-90.00	13.00	0.00085	-90.00	11.00	0.00092
-90.00	9.00	0.00100	-90.00	-9.00	0.00195
-90.00	-11.00	0.00205	-90.00	-13.00	0.00215
-90.00	-15.00	0.00224	-90.00	-17.00	0.00233
-90.00	-20.00	0.00246	-90.00	-25.00	0.00264
-90.00	-30.00	0.00276	-90.00	-40.00	0.00281
-90.00	-50.00	0.00264	-90.00	-60.00	0.00236
-90.00	-70.00	0.00206	-90.00	-80.00	0.00177
-90.00	-90.00	0.00151	-90.00	-100.00	0.00128
-80.00	100.00	0.00010	-80.00	90.00	0.00011
-80.00	80.00	0.00013	-80.00	70.00	0.00015
-80.00	60.00	0.00019	-80.00	50.00	0.00024
-80.00	40.00	0.00031	-80.00	30.00	0.00043
-80.00	25.00	0.00050	-80.00	20.00	0.00059
-80.00	17.00	0.00065	-80.00	15.00	0.00069
-80.00	13.00	0.00074	-80.00	11.00	0.00079
-80.00	9.00	0.00085	-80.00	-9.00	0.00153
-80.00	-11.00	0.00160	-80.00	-13.00	0.00167
-80.00	-15.00	0.00174	-80.00	-17.00	0.00181
-80.00	-20.00	0.00190	-80.00	-25.00	0.00205
-80.00	-30.00	0.00217	-80.00	-40.00	0.00232
-80.00	-50.00	0.00229	-80.00	-60.00	0.00214
-80.00	-70.00	0.00193	-80.00	-80.00	0.00170
-80.00	-90.00	0.00148	-80.00	-100.00	0.00127
-70.00	100.00	0.00009	-70.00	90.00	0.00010
-70.00	80.00	0.00012	-70.00	70.00	0.00014
-70.00	60.00	0.00018	-70.00	50.00	0.00023
-70.00	40.00	0.00030	-70.00	30.00	0.00039
-70.00	25.00	0.00045	-70.00	20.00	0.00052
-70.00	17.00	0.00057	-70.00	15.00	0.00060
-70.00	13.00	0.00064	-70.00	11.00	0.00068



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00072	-70.00	-9.00	0.00123
-70.00	-11.00	0.00129	-70.00	-13.00	0.00134
-70.00	-15.00	0.00139	-70.00	-17.00	0.00144

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00151	-70.00	-25.00	0.00163
-70.00	-30.00	0.00173	-70.00	-40.00	0.00189
-70.00	-50.00	0.00195	-70.00	-60.00	0.00189
-70.00	-70.00	0.00176	-70.00	-80.00	0.00160
-70.00	-90.00	0.00142	-70.00	-100.00	0.00125
-60.00	100.00	0.00008	-60.00	90.00	0.00010
-60.00	80.00	0.00011	-60.00	70.00	0.00014
-60.00	60.00	0.00017	-60.00	50.00	0.00022
-60.00	40.00	0.00028	-60.00	30.00	0.00036
-60.00	25.00	0.00041	-60.00	20.00	0.00046
-60.00	17.00	0.00050	-60.00	15.00	0.00053
-60.00	13.00	0.00056	-60.00	11.00	0.00059
-60.00	9.00	0.00063	-60.00	-9.00	0.00101
-60.00	-11.00	0.00106	-60.00	-13.00	0.00110
-60.00	-15.00	0.00114	-60.00	-17.00	0.00117
-60.00	-20.00	0.00123	-60.00	-25.00	0.00132
-60.00	-30.00	0.00140	-60.00	-40.00	0.00155
-60.00	-50.00	0.00163	-60.00	-60.00	0.00165
-60.00	-70.00	0.00159	-60.00	-80.00	0.00148
-60.00	-90.00	0.00134	-60.00	-100.00	0.00120
-50.00	100.00	0.00008	-50.00	90.00	0.00009
-50.00	80.00	0.00011	-50.00	70.00	0.00013
-50.00	60.00	0.00016	-50.00	50.00	0.00021
-50.00	40.00	0.00026	-50.00	30.00	0.00033
-50.00	25.00	0.00037	-50.00	20.00	0.00041
-50.00	17.00	0.00044	-50.00	15.00	0.00047
-50.00	13.00	0.00049	-50.00	11.00	0.00052
-50.00	9.00	0.00055	-50.00	-9.00	0.00085
-50.00	-11.00	0.00088	-50.00	-13.00	0.00091
-50.00	-15.00	0.00095	-50.00	-17.00	0.00098
-50.00	-20.00	0.00102	-50.00	-25.00	0.00109

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00116	-50.00	-40.00	0.00128
-50.00	-50.00	0.00137	-50.00	-60.00	0.00142
-50.00	-70.00	0.00140	-50.00	-80.00	0.00135
-50.00	-90.00	0.00125	-50.00	-100.00	0.00115
-40.00	100.00	0.00008	-40.00	90.00	0.00009
-40.00	80.00	0.00011	-40.00	70.00	0.00013
-40.00	60.00	0.00016	-40.00	50.00	0.00019
-40.00	40.00	0.00024	-40.00	30.00	0.00030
-40.00	25.00	0.00033	-40.00	20.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00040	-40.00	15.00	0.00041
-40.00	13.00	0.00043	-40.00	11.00	0.00046
-40.00	9.00	0.00048	-40.00	-9.00	0.00072
-40.00	-11.00	0.00075	-40.00	-13.00	0.00077
-40.00	-15.00	0.00080	-40.00	-17.00	0.00082
-40.00	-20.00	0.00086	-40.00	-25.00	0.00092
-40.00	-30.00	0.00097	-40.00	-40.00	0.00107
-40.00	-50.00	0.00116	-40.00	-60.00	0.00121
-40.00	-70.00	0.00123	-40.00	-80.00	0.00121
-40.00	-90.00	0.00115	-40.00	-100.00	0.00108
-30.00	100.00	0.00007	-30.00	90.00	0.00009
-30.00	80.00	0.00010	-30.00	70.00	0.00012
-30.00	60.00	0.00015	-30.00	50.00	0.00018
-30.00	40.00	0.00023	-30.00	30.00	0.00027
-30.00	25.00	0.00030	-30.00	20.00	0.00033
-30.00	17.00	0.00036	-30.00	15.00	0.00037
-30.00	13.00	0.00039	-30.00	11.00	0.00041
-30.00	9.00	0.00043	-30.00	-9.00	0.00062
-30.00	-11.00	0.00064	-30.00	-13.00	0.00066
-30.00	-15.00	0.00068	-30.00	-17.00	0.00070
-30.00	-20.00	0.00073	-30.00	-25.00	0.00078
-30.00	-30.00	0.00083	-30.00	-40.00	0.00091
-30.00	-50.00	0.00098	-30.00	-60.00	0.00104
-30.00	-70.00	0.00108	-30.00	-80.00	0.00108
-30.00	-90.00	0.00105	-30.00	-100.00	0.00100

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00007	-20.00	90.00	0.00008
-20.00	80.00	0.00010	-20.00	70.00	0.00012
-20.00	60.00	0.00014	-20.00	50.00	0.00017
-20.00	40.00	0.00021	-20.00	30.00	0.00025
-20.00	25.00	0.00027	-20.00	20.00	0.00030
-20.00	17.00	0.00032	-20.00	15.00	0.00033
-20.00	13.00	0.00035	-20.00	11.00	0.00036
-20.00	9.00	0.00038	-20.00	-9.00	0.00054
-20.00	-11.00	0.00056	-20.00	-13.00	0.00058
-20.00	-15.00	0.00059	-20.00	-17.00	0.00061
-20.00	-20.00	0.00063	-20.00	-25.00	0.00067
-20.00	-30.00	0.00071	-20.00	-40.00	0.00078
-20.00	-50.00	0.00084	-20.00	-60.00	0.00090
-20.00	-70.00	0.00094	-20.00	-80.00	0.00096
-20.00	-90.00	0.00095	-20.00	-100.00	0.00092

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00007	-10.00	90.00	0.00008
-10.00	80.00	0.00010	-10.00	70.00	0.00011
-10.00	60.00	0.00014	-10.00	50.00	0.00016
-10.00	40.00	0.00020	-10.00	30.00	0.00023
-10.00	25.00	0.00025	-10.00	20.00	0.00027
-10.00	17.00	0.00029	-10.00	15.00	0.00030
-10.00	13.00	0.00031	-10.00	11.00	0.00033
-10.00	9.00	0.00034	-10.00	-9.00	0.00048
-10.00	-11.00	0.00049	-10.00	-13.00	0.00050
-10.00	-15.00	0.00052	-10.00	-17.00	0.00053
-10.00	-20.00	0.00055	-10.00	-25.00	0.00059
-10.00	-30.00	0.00062	-10.00	-40.00	0.00068
-10.00	-50.00	0.00073	-10.00	-60.00	0.00078
-10.00	-70.00	0.00082	-10.00	-80.00	0.00084
-10.00	-90.00	0.00085	-10.00	-100.00	0.00084
0.00	100.00	0.00007	0.00	90.00	0.00008
0.00	80.00	0.00009	0.00	70.00	0.00011
0.00	60.00	0.00013	0.00	50.00	0.00016
0.00	40.00	0.00018	0.00	30.00	0.00021

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00023	0.00	20.00	0.00025
0.00	17.00	0.00026	0.00	15.00	0.00027
0.00	13.00	0.00028	0.00	11.00	0.00030
0.00	9.00	0.00031	0.00	-9.00	0.00042
0.00	-11.00	0.00043	0.00	-13.00	0.00045
0.00	-15.00	0.00046	0.00	-17.00	0.00047
0.00	-20.00	0.00049	0.00	-25.00	0.00051
0.00	-30.00	0.00054	0.00	-40.00	0.00059
0.00	-50.00	0.00064	0.00	-60.00	0.00068
0.00	-70.00	0.00072	0.00	-80.00	0.00075
0.00	-90.00	0.00076	0.00	-100.00	0.00076
10.00	100.00	0.00007	10.00	90.00	0.00008
10.00	80.00	0.00009	10.00	70.00	0.00011
10.00	60.00	0.00013	10.00	50.00	0.00015
10.00	40.00	0.00017	10.00	30.00	0.00020
10.00	25.00	0.00021	10.00	20.00	0.00023
10.00	17.00	0.00024	10.00	15.00	0.00025
10.00	13.00	0.00026	10.00	11.00	0.00027
10.00	9.00	0.00028	10.00	-9.00	0.00038
10.00	-11.00	0.00039	10.00	-13.00	0.00040
10.00	-15.00	0.00041	10.00	-17.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00043	10.00	-25.00	0.00046
10.00	-30.00	0.00048	10.00	-40.00	0.00052
10.00	-50.00	0.00056	10.00	-60.00	0.00060
10.00	-70.00	0.00063	10.00	-80.00	0.00066
10.00	-90.00	0.00068	10.00	-100.00	0.00069
20.00	100.00	0.00006	20.00	90.00	0.00007
20.00	80.00	0.00009	20.00	70.00	0.00010
20.00	60.00	0.00012	20.00	50.00	0.00014
20.00	40.00	0.00016	20.00	30.00	0.00018
20.00	25.00	0.00019	20.00	20.00	0.00021
20.00	17.00	0.00022	20.00	15.00	0.00023
20.00	13.00	0.00024	20.00	11.00	0.00025
20.00	9.00	0.00025	20.00	-9.00	0.00034

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00035	20.00	-13.00	0.00036
20.00	-15.00	0.00036	20.00	-17.00	0.00037
20.00	-20.00	0.00039	20.00	-25.00	0.00041
20.00	-30.00	0.00043	20.00	-40.00	0.00046
20.00	-50.00	0.00050	20.00	-60.00	0.00053
20.00	-70.00	0.00056	20.00	-80.00	0.00059
20.00	-90.00	0.00061	20.00	-100.00	0.00062
30.00	100.00	0.00006	30.00	90.00	0.00007
30.00	80.00	0.00008	30.00	70.00	0.00010
30.00	60.00	0.00011	30.00	50.00	0.00013
30.00	40.00	0.00015	30.00	30.00	0.00017
30.00	25.00	0.00018	30.00	20.00	0.00019
30.00	17.00	0.00020	30.00	15.00	0.00021
30.00	13.00	0.00022	30.00	11.00	0.00023
30.00	9.00	0.00023	30.00	-9.00	0.00030
30.00	-11.00	0.00031	30.00	-13.00	0.00032
30.00	-15.00	0.00033	30.00	-17.00	0.00034
30.00	-20.00	0.00035	30.00	-25.00	0.00036
30.00	-30.00	0.00038	30.00	-40.00	0.00041
30.00	-50.00	0.00045	30.00	-60.00	0.00048
30.00	-70.00	0.00050	30.00	-80.00	0.00053
30.00	-90.00	0.00055	30.00	-100.00	0.00056
40.00	100.00	0.00006	40.00	90.00	0.00007
40.00	80.00	0.00008	40.00	70.00	0.00009
40.00	60.00	0.00011	40.00	50.00	0.00012
40.00	40.00	0.00014	40.00	30.00	0.00016
40.00	25.00	0.00017	40.00	20.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00019	40.00	15.00	0.00019
40.00	13.00	0.00020	40.00	11.00	0.00021
40.00	9.00	0.00021	40.00	-9.00	0.00028
40.00	-11.00	0.00028	40.00	-13.00	0.00029
40.00	-15.00	0.00030	40.00	-17.00	0.00030
40.00	-20.00	0.00031	40.00	-25.00	0.00033
40.00	-30.00	0.00034	40.00	-40.00	0.00037

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00040	40.00	-60.00	0.00043
40.00	-70.00	0.00045	40.00	-80.00	0.00047
40.00	-90.00	0.00049	40.00	-100.00	0.00051
50.00	100.00	0.00006	50.00	90.00	0.00007
50.00	80.00	0.00008	50.00	70.00	0.00009
50.00	60.00	0.00010	50.00	50.00	0.00011
50.00	40.00	0.00013	50.00	30.00	0.00015
50.00	25.00	0.00016	50.00	20.00	0.00017
50.00	17.00	0.00018	50.00	15.00	0.00018
50.00	13.00	0.00019	50.00	11.00	0.00019
50.00	9.00	0.00020	50.00	-9.00	0.00025
50.00	-11.00	0.00026	50.00	-13.00	0.00026
50.00	-15.00	0.00027	50.00	-17.00	0.00028
50.00	-20.00	0.00028	50.00	-25.00	0.00030
50.00	-30.00	0.00031	50.00	-40.00	0.00034
50.00	-50.00	0.00036	50.00	-60.00	0.00038
50.00	-70.00	0.00041	50.00	-80.00	0.00043
50.00	-90.00	0.00045	50.00	-100.00	0.00046
60.00	100.00	0.00006	60.00	90.00	0.00007
60.00	80.00	0.00008	60.00	70.00	0.00009
60.00	60.00	0.00010	60.00	50.00	0.00011
60.00	40.00	0.00012	60.00	30.00	0.00014
60.00	25.00	0.00015	60.00	20.00	0.00016
60.00	17.00	0.00016	60.00	15.00	0.00017
60.00	13.00	0.00017	60.00	11.00	0.00018
60.00	9.00	0.00018	60.00	-9.00	0.00023
60.00	-11.00	0.00024	60.00	-13.00	0.00024
60.00	-15.00	0.00025	60.00	-17.00	0.00025
60.00	-20.00	0.00026	60.00	-25.00	0.00027
60.00	-30.00	0.00028	60.00	-40.00	0.00031
60.00	-50.00	0.00033	60.00	-60.00	0.00035
60.00	-70.00	0.00037	60.00	-80.00	0.00039
60.00	-90.00	0.00040	60.00	-100.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00006	70.00	90.00	0.00006

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00007	70.00	70.00	0.00008
70.00	60.00	0.00009	70.00	50.00	0.00010
70.00	40.00	0.00011	70.00	30.00	0.00013
70.00	25.00	0.00014	70.00	20.00	0.00015
70.00	17.00	0.00015	70.00	15.00	0.00016
70.00	13.00	0.00016	70.00	11.00	0.00017
70.00	9.00	0.00017	70.00	-9.00	0.00021
70.00	-11.00	0.00022	70.00	-13.00	0.00022
70.00	-15.00	0.00023	70.00	-17.00	0.00023
70.00	-20.00	0.00024	70.00	-25.00	0.00025
70.00	-30.00	0.00026	70.00	-40.00	0.00028
70.00	-50.00	0.00030	70.00	-60.00	0.00032
70.00	-70.00	0.00034	70.00	-80.00	0.00035
70.00	-90.00	0.00037	70.00	-100.00	0.00038
80.00	100.00	0.00006	80.00	90.00	0.00006
80.00	80.00	0.00007	80.00	70.00	0.00008
80.00	60.00	0.00009	80.00	50.00	0.00010
80.00	40.00	0.00011	80.00	30.00	0.00012
80.00	25.00	0.00013	80.00	20.00	0.00014
80.00	17.00	0.00014	80.00	15.00	0.00015
80.00	13.00	0.00015	80.00	11.00	0.00015
80.00	9.00	0.00016	80.00	-9.00	0.00020
80.00	-11.00	0.00020	80.00	-13.00	0.00020
80.00	-15.00	0.00021	80.00	-17.00	0.00021
80.00	-20.00	0.00022	80.00	-25.00	0.00023
80.00	-30.00	0.00024	80.00	-40.00	0.00026
80.00	-50.00	0.00027	80.00	-60.00	0.00029
80.00	-70.00	0.00031	80.00	-80.00	0.00032
80.00	-90.00	0.00034	80.00	-100.00	0.00035
90.00	100.00	0.00005	90.00	90.00	0.00006
90.00	80.00	0.00007	90.00	70.00	0.00008
90.00	60.00	0.00008	90.00	50.00	0.00009
90.00	40.00	0.00010	90.00	30.00	0.00011
90.00	25.00	0.00012	90.00	20.00	0.00013
90.00	17.00	0.00013	90.00	15.00	0.00014
90.00	13.00	0.00014	90.00	11.00	0.00014
90.00	9.00	0.00015	90.00	-9.00	0.00018
90.00	-11.00	0.00019	90.00	-13.00	0.00019
90.00	-15.00	0.00019	90.00	-17.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00020	90.00	-25.00	0.00021	
90.00	-30.00	0.00022	90.00	-40.00	0.00024	
90.00	-50.00	0.00025	90.00	-60.00	0.00027	
90.00	-70.00	0.00028	90.00	-80.00	0.00029	
90.00	-90.00	0.00031	90.00	-100.00	0.00032	
100.00	100.00	0.00005	100.00	90.00	0.00006	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00008	100.00	50.00	0.00009	
100.00	40.00	0.00010	100.00	30.00	0.00011	
100.00	25.00	0.00011	100.00	20.00	0.00012	
100.00	17.00	0.00012	100.00	15.00	0.00013	
100.00	13.00	0.00013	100.00	11.00	0.00013	
100.00	9.00	0.00014	100.00	-9.00	0.00017	
100.00	-11.00	0.00017	100.00	-13.00	0.00018	
100.00	-15.00	0.00018	100.00	-17.00	0.00018	
100.00	-20.00	0.00019	100.00	-25.00	0.00020	
100.00	-30.00	0.00020	100.00	-40.00	0.00022	
100.00	-50.00	0.00023	100.00	-60.00	0.00024	
100.00	-70.00	0.00026	100.00	-80.00	0.00027	
100.00	-90.00	0.00028	100.00	-100.00	0.00029	
110.00	100.00	0.00005	110.00	90.00	0.00006	
110.00	80.00	0.00006	110.00	70.00	0.00007	
110.00	60.00	0.00008	110.00	50.00	0.00008	
110.00	40.00	0.00009	110.00	30.00	0.00010	
110.00	25.00	0.00011	110.00	20.00	0.00011	
110.00	17.00	0.00012	110.00	15.00	0.00012	
110.00	13.00	0.00012	110.00	11.00	0.00013	
110.00	9.00	0.00013	110.00	-9.00	0.00016	
110.00	-11.00	0.00016	110.00	-13.00	0.00016	
110.00	-15.00	0.00017	110.00	-17.00	0.00017	
110.00	-20.00	0.00017	110.00	-25.00	0.00018	
110.00	-30.00	0.00019	110.00	-40.00	0.00020	
110.00	-50.00	0.00021	110.00	-60.00	0.00023	
110.00	-70.00	0.00024	110.00	-80.00	0.00025	
110.00	-90.00	0.00026	110.00	-100.00	0.00027	
120.00	100.00	0.00005	120.00	90.00	0.00005	
120.00	80.00	0.00006	120.00	70.00	0.00007	
120.00	60.00	0.00007	120.00	50.00	0.00008	
120.00	40.00	0.00009	120.00	30.00	0.00010	



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00 25.00 0.00010 120.00 20.00 0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00011	120.00	15.00	0.00011
120.00	13.00	0.00012	120.00	11.00	0.00012
120.00	9.00	0.00012	120.00	-9.00	0.00015
120.00	-11.00	0.00015	120.00	-13.00	0.00015
120.00	-15.00	0.00016	120.00	-17.00	0.00016
120.00	-20.00	0.00016	120.00	-25.00	0.00017
120.00	-30.00	0.00017	120.00	-40.00	0.00019
120.00	-50.00	0.00020	120.00	-60.00	0.00021
120.00	-70.00	0.00022	120.00	-80.00	0.00023
120.00	-90.00	0.00024	120.00	-100.00	0.00025
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00007	130.00	50.00	0.00007
130.00	40.00	0.00008	130.00	30.00	0.00009
130.00	25.00	0.00010	130.00	20.00	0.00010
130.00	17.00	0.00010	130.00	15.00	0.00011
130.00	13.00	0.00011	130.00	11.00	0.00011
130.00	9.00	0.00011	130.00	-9.00	0.00014
130.00	-11.00	0.00014	130.00	-13.00	0.00014
130.00	-15.00	0.00014	130.00	-17.00	0.00015
130.00	-20.00	0.00015	130.00	-25.00	0.00016
130.00	-30.00	0.00016	130.00	-40.00	0.00017
130.00	-50.00	0.00018	130.00	-60.00	0.00019
130.00	-70.00	0.00020	130.00	-80.00	0.00021
130.00	-90.00	0.00022	130.00	-100.00	0.00023
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00006	140.00	70.00	0.00006
140.00	60.00	0.00007	140.00	50.00	0.00007
140.00	40.00	0.00008	140.00	30.00	0.00009
140.00	25.00	0.00009	140.00	20.00	0.00010
140.00	17.00	0.00010	140.00	15.00	0.00010
140.00	13.00	0.00010	140.00	11.00	0.00011
140.00	9.00	0.00011	140.00	-9.00	0.00013

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00013	140.00	-13.00	0.00013
140.00	-15.00	0.00014	140.00	-17.00	0.00014
140.00	-20.00	0.00014	140.00	-25.00	0.00015
140.00	-30.00	0.00015	140.00	-40.00	0.00016
140.00	-50.00	0.00017	140.00	-60.00	0.00018
140.00	-70.00	0.00019	140.00	-80.00	0.00020
140.00	-90.00	0.00021	140.00	-100.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00006
150.00	60.00	0.00006	150.00	50.00	0.00007
150.00	40.00	0.00007	150.00	30.00	0.00008
150.00	25.00	0.00009	150.00	20.00	0.00009
150.00	17.00	0.00009	150.00	15.00	0.00010
150.00	13.00	0.00010	150.00	11.00	0.00010
150.00	9.00	0.00010	150.00	-9.00	0.00012
150.00	-11.00	0.00012	150.00	-13.00	0.00013
150.00	-15.00	0.00013	150.00	-17.00	0.00013
150.00	-20.00	0.00013	150.00	-25.00	0.00014
150.00	-30.00	0.00014	150.00	-40.00	0.00015
150.00	-50.00	0.00016	150.00	-60.00	0.00017
150.00	-70.00	0.00018	150.00	-80.00	0.00019
150.00	-90.00	0.00019	150.00	-100.00	0.00020
160.00	100.00	0.00004	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00006
160.00	60.00	0.00006	160.00	50.00	0.00006
160.00	40.00	0.00007	160.00	30.00	0.00008
160.00	25.00	0.00008	160.00	20.00	0.00009
160.00	17.00	0.00009	160.00	15.00	0.00009
160.00	13.00	0.00009	160.00	11.00	0.00009
160.00	9.00	0.00010	160.00	-9.00	0.00011
160.00	-11.00	0.00012	160.00	-13.00	0.00012
160.00	-15.00	0.00012	160.00	-17.00	0.00012
160.00	-20.00	0.00012	160.00	-25.00	0.00013
160.00	-30.00	0.00013	160.00	-40.00	0.00014

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00015	160.00	-60.00	0.00016
160.00	-70.00	0.00017	160.00	-80.00	0.00017
160.00	-90.00	0.00018	160.00	-100.00	0.00019
170.00	100.00	0.00004	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00005
170.00	60.00	0.00006	170.00	50.00	0.00006
170.00	40.00	0.00007	170.00	30.00	0.00007
170.00	25.00	0.00008	170.00	20.00	0.00008
170.00	17.00	0.00008	170.00	15.00	0.00009
170.00	13.00	0.00009	170.00	11.00	0.00009
170.00	9.00	0.00009	170.00	-9.00	0.00011
170.00	-11.00	0.00011	170.00	-13.00	0.00011
170.00	-15.00	0.00011	170.00	-17.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00012	170.00	-25.00	0.00012
170.00	-30.00	0.00013	170.00	-40.00	0.00013
170.00	-50.00	0.00014	170.00	-60.00	0.00015
170.00	-70.00	0.00016	170.00	-80.00	0.00016
170.00	-90.00	0.00017	170.00	-100.00	0.00018
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00005	180.00	50.00	0.00006
180.00	40.00	0.00006	180.00	30.00	0.00007
180.00	25.00	0.00007	180.00	20.00	0.00008
180.00	17.00	0.00008	180.00	15.00	0.00008
180.00	13.00	0.00008	180.00	11.00	0.00009
180.00	9.00	0.00009	180.00	-9.00	0.00010
180.00	-11.00	0.00010	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00011
180.00	-20.00	0.00011	180.00	-25.00	0.00011
180.00	-30.00	0.00012	180.00	-40.00	0.00013
180.00	-50.00	0.00013	180.00	-60.00	0.00014
180.00	-70.00	0.00015	180.00	-80.00	0.00015
180.00	-90.00	0.00016	180.00	-100.00	0.00017
190.00	100.00	0.00004	190.00	90.00	0.00004

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00005
190.00	60.00	0.00005	190.00	50.00	0.00006
190.00	40.00	0.00006	190.00	30.00	0.00007
190.00	25.00	0.00007	190.00	20.00	0.00007
190.00	17.00	0.00008	190.00	15.00	0.00008
190.00	13.00	0.00008	190.00	11.00	0.00008
190.00	9.00	0.00008	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00010
190.00	-15.00	0.00010	190.00	-17.00	0.00010
190.00	-20.00	0.00010	190.00	-25.00	0.00011
190.00	-30.00	0.00011	190.00	-40.00	0.00012
190.00	-50.00	0.00013	190.00	-60.00	0.00013
190.00	-70.00	0.00014	190.00	-80.00	0.00014
190.00	-90.00	0.00015	190.00	-100.00	0.00016
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00005
200.00	60.00	0.00005	200.00	50.00	0.00005
200.00	40.00	0.00006	200.00	30.00	0.00006
200.00	25.00	0.00007	200.00	20.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 120

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00007	200.00	15.00	0.00007
200.00	13.00	0.00008	200.00	11.00	0.00008
200.00	9.00	0.00008	200.00	-9.00	0.00009
200.00	-11.00	0.00009	200.00	-13.00	0.00009
200.00	-15.00	0.00010	200.00	-17.00	0.00010
200.00	-20.00	0.00010	200.00	-25.00	0.00010
200.00	-30.00	0.00011	200.00	-40.00	0.00011
200.00	-50.00	0.00012	200.00	-60.00	0.00012
200.00	-70.00	0.00013	200.00	-80.00	0.00014
200.00	-90.00	0.00014	200.00	-100.00	0.00015
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00005
210.00	60.00	0.00005	210.00	50.00	0.00005
210.00	40.00	0.00006	210.00	30.00	0.00006
210.00	25.00	0.00006	210.00	20.00	0.00007

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00007	210.00	15.00	0.00007
210.00	13.00	0.00007	210.00	11.00	0.00007
210.00	9.00	0.00007	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00009
210.00	-15.00	0.00009	210.00	-17.00	0.00009
210.00	-20.00	0.00009	210.00	-25.00	0.00010
210.00	-30.00	0.00010	210.00	-40.00	0.00011
210.00	-50.00	0.00011	210.00	-60.00	0.00012
210.00	-70.00	0.00012	210.00	-80.00	0.00013
210.00	-90.00	0.00013	210.00	-100.00	0.00014
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00005	220.00	50.00	0.00005
220.00	40.00	0.00005	220.00	30.00	0.00006
220.00	25.00	0.00006	220.00	20.00	0.00007
220.00	17.00	0.00007	220.00	15.00	0.00007
220.00	13.00	0.00007	220.00	11.00	0.00007
220.00	9.00	0.00007	220.00	-9.00	0.00008
220.00	-11.00	0.00008	220.00	-13.00	0.00009
220.00	-15.00	0.00009	220.00	-17.00	0.00009
220.00	-20.00	0.00009	220.00	-25.00	0.00009
220.00	-30.00	0.00010	220.00	-40.00	0.00010
220.00	-50.00	0.00011	220.00	-60.00	0.00011
220.00	-70.00	0.00012	220.00	-80.00	0.00012
220.00	-90.00	0.00013	220.00	-100.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 121

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00004
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00005	230.00	30.00	0.00006
230.00	25.00	0.00006	230.00	20.00	0.00006
230.00	17.00	0.00006	230.00	15.00	0.00006
230.00	13.00	0.00007	230.00	11.00	0.00007
230.00	9.00	0.00007	230.00	-9.00	0.00008
230.00	-11.00	0.00008	230.00	-13.00	0.00008

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00008	230.00	-17.00	0.00008
230.00	-20.00	0.00008	230.00	-25.00	0.00009
230.00	-30.00	0.00009	230.00	-40.00	0.00010
230.00	-50.00	0.00010	230.00	-60.00	0.00011
230.00	-70.00	0.00011	230.00	-80.00	0.00011
230.00	-90.00	0.00012	230.00	-100.00	0.00012
240.00	100.00	0.00003	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00004
240.00	60.00	0.00004	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00006	240.00	20.00	0.00006
240.00	17.00	0.00006	240.00	15.00	0.00006
240.00	13.00	0.00006	240.00	11.00	0.00006
240.00	9.00	0.00007	240.00	-9.00	0.00008
240.00	-11.00	0.00008	240.00	-13.00	0.00008
240.00	-15.00	0.00008	240.00	-17.00	0.00008
240.00	-20.00	0.00008	240.00	-25.00	0.00008
240.00	-30.00	0.00009	240.00	-40.00	0.00009
240.00	-50.00	0.00010	240.00	-60.00	0.00010
240.00	-70.00	0.00010	240.00	-80.00	0.00011
240.00	-90.00	0.00011	240.00	-100.00	0.00012
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00004	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00005
250.00	25.00	0.00005	250.00	20.00	0.00006
250.00	17.00	0.00006	250.00	15.00	0.00006
250.00	13.00	0.00006	250.00	11.00	0.00006
250.00	9.00	0.00006	250.00	-9.00	0.00007
250.00	-11.00	0.00007	250.00	-13.00	0.00007
250.00	-15.00	0.00007	250.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00008	250.00	-25.00	0.00008
250.00	-30.00	0.00008	250.00	-40.00	0.00009
250.00	-50.00	0.00009	250.00	-60.00	0.00009



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00094	-230.00	50.00	0.00108
-230.00	40.00	0.00124	-230.00	30.00	0.00144
-230.00	25.00	0.00155	-230.00	20.00	0.00166
-230.00	17.00	0.00171	-230.00	15.00	0.00174
-230.00	13.00	0.00176	-230.00	11.00	0.00178
-230.00	9.00	0.00177	-230.00	-9.00	0.00111
-230.00	-11.00	0.00108	-230.00	-13.00	0.00106
-230.00	-15.00	0.00104	-230.00	-17.00	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00100	-230.00	-25.00	0.00097
-230.00	-30.00	0.00093	-230.00	-40.00	0.00087
-230.00	-50.00	0.00080	-230.00	-60.00	0.00073
-230.00	-70.00	0.00067	-230.00	-80.00	0.00062
-230.00	-90.00	0.00057	-230.00	-100.00	0.00052
-220.00	100.00	0.00061	-220.00	90.00	0.00068
-220.00	80.00	0.00076	-220.00	70.00	0.00086
-220.00	60.00	0.00098	-220.00	50.00	0.00113
-220.00	40.00	0.00131	-220.00	30.00	0.00155
-220.00	25.00	0.00168	-220.00	20.00	0.00182
-220.00	17.00	0.00190	-220.00	15.00	0.00195
-220.00	13.00	0.00200	-220.00	11.00	0.00206
-220.00	9.00	0.00212	-220.00	-9.00	0.00185
-220.00	-11.00	0.00166	-220.00	-13.00	0.00154
-220.00	-15.00	0.00146	-220.00	-17.00	0.00141
-220.00	-20.00	0.00134	-220.00	-25.00	0.00125
-220.00	-30.00	0.00119	-220.00	-40.00	0.00107
-220.00	-50.00	0.00096	-220.00	-60.00	0.00087
-220.00	-70.00	0.00078	-220.00	-80.00	0.00071
-220.00	-90.00	0.00064	-220.00	-100.00	0.00059
-210.00	100.00	0.00062	-210.00	90.00	0.00069
-210.00	80.00	0.00078	-210.00	70.00	0.00088
-210.00	60.00	0.00101	-210.00	50.00	0.00117
-210.00	40.00	0.00138	-210.00	30.00	0.00164
-210.00	25.00	0.00180	-210.00	20.00	0.00196
-210.00	17.00	0.00207	-210.00	15.00	0.00213



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00221	-210.00	11.00	0.00229
-210.00	9.00	0.00240	-210.00	-9.00	0.00394
-210.00	-11.00	0.00342	-210.00	-13.00	0.00299
-210.00	-15.00	0.00266	-210.00	-17.00	0.00241
-210.00	-20.00	0.00214	-210.00	-25.00	0.00184
-210.00	-30.00	0.00165	-210.00	-40.00	0.00138
-210.00	-50.00	0.00119	-210.00	-60.00	0.00104
-210.00	-70.00	0.00092	-210.00	-80.00	0.00082
-210.00	-90.00	0.00073	-210.00	-100.00	0.00066
-200.00	100.00	0.00063	-200.00	90.00	0.00071
-200.00	80.00	0.00080	-200.00	70.00	0.00091
-200.00	60.00	0.00105	-200.00	50.00	0.00122
-200.00	40.00	0.00144	-200.00	30.00	0.00173
-200.00	25.00	0.00189	-200.00	20.00	0.00209

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00221	-200.00	15.00	0.00231
-200.00	13.00	0.00241	-200.00	11.00	0.00254
-200.00	9.00	0.00271	-200.00	-9.00	0.00561
-200.00	-11.00	0.00512	-200.00	-13.00	0.00467
-200.00	-15.00	0.00425	-200.00	-17.00	0.00387
-200.00	-20.00	0.00338	-200.00	-25.00	0.00277
-200.00	-30.00	0.00235	-200.00	-40.00	0.00183
-200.00	-50.00	0.00150	-200.00	-60.00	0.00127
-200.00	-70.00	0.00109	-200.00	-80.00	0.00095
-200.00	-90.00	0.00084	-200.00	-100.00	0.00075
-190.00	100.00	0.00065	-190.00	90.00	0.00072
-190.00	80.00	0.00082	-190.00	70.00	0.00094
-190.00	60.00	0.00108	-190.00	50.00	0.00126
-190.00	40.00	0.00150	-190.00	30.00	0.00180
-190.00	25.00	0.00199	-190.00	20.00	0.00220
-190.00	17.00	0.00236	-190.00	15.00	0.00248
-190.00	13.00	0.00262	-190.00	11.00	0.00278
-190.00	9.00	0.00299	-190.00	-9.00	0.00667
-190.00	-11.00	0.00625	-190.00	-13.00	0.00585
-190.00	-15.00	0.00547	-190.00	-17.00	0.00511

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00458	-190.00	-25.00	0.00382
-190.00	-30.00	0.00321	-190.00	-40.00	0.00239
-190.00	-50.00	0.00188	-190.00	-60.00	0.00155
-190.00	-70.00	0.00130	-190.00	-80.00	0.00111
-190.00	-90.00	0.00097	-190.00	-100.00	0.00085
-180.00	100.00	0.00066	-180.00	90.00	0.00074
-180.00	80.00	0.00084	-180.00	70.00	0.00096
-180.00	60.00	0.00111	-180.00	50.00	0.00130
-180.00	40.00	0.00154	-180.00	30.00	0.00187
-180.00	25.00	0.00207	-180.00	20.00	0.00232
-180.00	17.00	0.00250	-180.00	15.00	0.00264
-180.00	13.00	0.00280	-180.00	11.00	0.00299
-180.00	9.00	0.00323	-180.00	-9.00	0.00739
-180.00	-11.00	0.00700	-180.00	-13.00	0.00665
-180.00	-15.00	0.00630	-180.00	-17.00	0.00596
-180.00	-20.00	0.00548	-180.00	-25.00	0.00472
-180.00	-30.00	0.00405	-180.00	-40.00	0.00301
-180.00	-50.00	0.00232	-180.00	-60.00	0.00186
-180.00	-70.00	0.00154	-180.00	-80.00	0.00130
-180.00	-90.00	0.00111	-180.00	-100.00	0.00097

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00067	-170.00	90.00	0.00076
-170.00	80.00	0.00086	-170.00	70.00	0.00098
-170.00	60.00	0.00113	-170.00	50.00	0.00133
-170.00	40.00	0.00158	-170.00	30.00	0.00193
-170.00	25.00	0.00215	-170.00	20.00	0.00243
-170.00	17.00	0.00263	-170.00	15.00	0.00278
-170.00	13.00	0.00296	-170.00	11.00	0.00317
-170.00	9.00	0.00343	-170.00	-9.00	0.00790
-170.00	-11.00	0.00753	-170.00	-13.00	0.00720
-170.00	-15.00	0.00688	-170.00	-17.00	0.00657
-170.00	-20.00	0.00611	-170.00	-25.00	0.00540
-170.00	-30.00	0.00473	-170.00	-40.00	0.00360
-170.00	-50.00	0.00278	-170.00	-60.00	0.00220
-170.00	-70.00	0.00179	-170.00	-80.00	0.00150

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00127	-170.00	-100.00	0.00110
-160.00	100.00	0.00068	-160.00	90.00	0.00077
-160.00	80.00	0.00087	-160.00	70.00	0.00100
-160.00	60.00	0.00115	-160.00	50.00	0.00136
-160.00	40.00	0.00162	-160.00	30.00	0.00199
-160.00	25.00	0.00223	-160.00	20.00	0.00253
-160.00	17.00	0.00274	-160.00	15.00	0.00291
-160.00	13.00	0.00309	-160.00	11.00	0.00331
-160.00	9.00	0.00359	-160.00	-9.00	0.00828
-160.00	-11.00	0.00791	-160.00	-13.00	0.00760
-160.00	-15.00	0.00730	-160.00	-17.00	0.00700
-160.00	-20.00	0.00657	-160.00	-25.00	0.00589
-160.00	-30.00	0.00525	-160.00	-40.00	0.00412
-160.00	-50.00	0.00322	-160.00	-60.00	0.00255
-160.00	-70.00	0.00206	-160.00	-80.00	0.00171
-160.00	-90.00	0.00144	-160.00	-100.00	0.00123
-150.00	100.00	0.00069	-150.00	90.00	0.00078
-150.00	80.00	0.00088	-150.00	70.00	0.00101
-150.00	60.00	0.00117	-150.00	50.00	0.00138
-150.00	40.00	0.00166	-150.00	30.00	0.00204
-150.00	25.00	0.00230	-150.00	20.00	0.00262
-150.00	17.00	0.00284	-150.00	15.00	0.00301
-150.00	13.00	0.00321	-150.00	11.00	0.00344
-150.00	9.00	0.00372	-150.00	-9.00	0.00856
-150.00	-11.00	0.00820	-150.00	-13.00	0.00790
-150.00	-15.00	0.00761	-150.00	-17.00	0.00733

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00692	-150.00	-25.00	0.00626
-150.00	-30.00	0.00565	-150.00	-40.00	0.00454
-150.00	-50.00	0.00361	-150.00	-60.00	0.00288
-150.00	-70.00	0.00233	-150.00	-80.00	0.00192
-150.00	-90.00	0.00161	-150.00	-100.00	0.00138
-140.00	100.00	0.00070	-140.00	90.00	0.00079
-140.00	80.00	0.00089	-140.00	70.00	0.00103
-140.00	60.00	0.00119	-140.00	50.00	0.00141

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00169	-140.00	30.00	0.00210
-140.00	25.00	0.00236	-140.00	20.00	0.00269
-140.00	17.00	0.00293	-140.00	15.00	0.00310
-140.00	13.00	0.00331	-140.00	11.00	0.00355
-140.00	9.00	0.00384	-140.00	-9.00	0.00880
-140.00	-11.00	0.00845	-140.00	-13.00	0.00812
-140.00	-15.00	0.00785	-140.00	-17.00	0.00759
-140.00	-20.00	0.00719	-140.00	-25.00	0.00655
-140.00	-30.00	0.00595	-140.00	-40.00	0.00487
-140.00	-50.00	0.00395	-140.00	-60.00	0.00319
-140.00	-70.00	0.00260	-140.00	-80.00	0.00214
-140.00	-90.00	0.00179	-140.00	-100.00	0.00152
-130.00	100.00	0.00070	-130.00	90.00	0.00079
-130.00	80.00	0.00090	-130.00	70.00	0.00104
-130.00	60.00	0.00121	-130.00	50.00	0.00143
-130.00	40.00	0.00173	-130.00	30.00	0.00214
-130.00	25.00	0.00242	-130.00	20.00	0.00276
-130.00	17.00	0.00300	-130.00	15.00	0.00318
-130.00	13.00	0.00339	-130.00	11.00	0.00364
-130.00	9.00	0.00395	-130.00	-9.00	0.00892
-130.00	-11.00	0.00864	-130.00	-13.00	0.00834
-130.00	-15.00	0.00805	-130.00	-17.00	0.00779
-130.00	-20.00	0.00740	-130.00	-25.00	0.00678
-130.00	-30.00	0.00618	-130.00	-40.00	0.00513
-130.00	-50.00	0.00422	-130.00	-60.00	0.00346
-130.00	-70.00	0.00284	-130.00	-80.00	0.00235
-130.00	-90.00	0.00197	-130.00	-100.00	0.00167
-120.00	100.00	0.00071	-120.00	90.00	0.00080
-120.00	80.00	0.00091	-120.00	70.00	0.00105
-120.00	60.00	0.00122	-120.00	50.00	0.00145
-120.00	40.00	0.00176	-120.00	30.00	0.00219
-120.00	25.00	0.00247	-120.00	20.00	0.00282

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00306	-120.00	15.00	0.00325
-120.00	13.00	0.00346	-120.00	11.00	0.00371

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00403	-120.00	-9.00	0.00900
-120.00	-11.00	0.00873	-120.00	-13.00	0.00847
-120.00	-15.00	0.00821	-120.00	-17.00	0.00796
-120.00	-20.00	0.00758	-120.00	-25.00	0.00697
-120.00	-30.00	0.00638	-120.00	-40.00	0.00535
-120.00	-50.00	0.00445	-120.00	-60.00	0.00369
-120.00	-70.00	0.00306	-120.00	-80.00	0.00255
-120.00	-90.00	0.00214	-120.00	-100.00	0.00182
-110.00	100.00	0.00071	-110.00	90.00	0.00081
-110.00	80.00	0.00092	-110.00	70.00	0.00106
-110.00	60.00	0.00124	-110.00	50.00	0.00147
-110.00	40.00	0.00179	-110.00	30.00	0.00223
-110.00	25.00	0.00251	-110.00	20.00	0.00286
-110.00	17.00	0.00312	-110.00	15.00	0.00331
-110.00	13.00	0.00352	-110.00	11.00	0.00378
-110.00	9.00	0.00410	-110.00	-9.00	0.00912
-110.00	-11.00	0.00884	-110.00	-13.00	0.00858
-110.00	-15.00	0.00832	-110.00	-17.00	0.00807
-110.00	-20.00	0.00770	-110.00	-25.00	0.00711
-110.00	-30.00	0.00655	-110.00	-40.00	0.00552
-110.00	-50.00	0.00464	-110.00	-60.00	0.00389
-110.00	-70.00	0.00325	-110.00	-80.00	0.00273
-110.00	-90.00	0.00231	-110.00	-100.00	0.00196
-100.00	100.00	0.00072	-100.00	90.00	0.00081
-100.00	80.00	0.00093	-100.00	70.00	0.00107
-100.00	60.00	0.00125	-100.00	50.00	0.00149
-100.00	40.00	0.00181	-100.00	30.00	0.00226
-100.00	25.00	0.00255	-100.00	20.00	0.00291
-100.00	17.00	0.00316	-100.00	15.00	0.00336
-100.00	13.00	0.00358	-100.00	11.00	0.00383
-100.00	9.00	0.00415	-100.00	-9.00	0.00922
-100.00	-11.00	0.00894	-100.00	-13.00	0.00868
-100.00	-15.00	0.00843	-100.00	-17.00	0.00818
-100.00	-20.00	0.00781	-100.00	-25.00	0.00723
-100.00	-30.00	0.00668	-100.00	-40.00	0.00567
-100.00	-50.00	0.00479	-100.00	-60.00	0.00405
-100.00	-70.00	0.00342	-100.00	-80.00	0.00289
-100.00	-90.00	0.00246	-100.00	-100.00	0.00210

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00072	-90.00	90.00	0.00082	
-90.00	80.00	0.00093	-90.00	70.00	0.00108	
-90.00	60.00	0.00127	-90.00	50.00	0.00151	
-90.00	40.00	0.00184	-90.00	30.00	0.00229	
-90.00	25.00	0.00259	-90.00	20.00	0.00295	
-90.00	17.00	0.00320	-90.00	15.00	0.00340	
-90.00	13.00	0.00362	-90.00	11.00	0.00388	
-90.00	9.00	0.00420	-90.00	-9.00	0.00931	
-90.00	-11.00	0.00902	-90.00	-13.00	0.00876	
-90.00	-15.00	0.00851	-90.00	-17.00	0.00827	
-90.00	-20.00	0.00791	-90.00	-25.00	0.00733	
-90.00	-30.00	0.00678	-90.00	-40.00	0.00579	
-90.00	-50.00	0.00493	-90.00	-60.00	0.00419	
-90.00	-70.00	0.00356	-90.00	-80.00	0.00304	
-90.00	-90.00	0.00260	-90.00	-100.00	0.00223	
-80.00	100.00	0.00072	-80.00	90.00	0.00082	
-80.00	80.00	0.00094	-80.00	70.00	0.00109	
-80.00	60.00	0.00128	-80.00	50.00	0.00153	
-80.00	40.00	0.00186	-80.00	30.00	0.00232	
-80.00	25.00	0.00262	-80.00	20.00	0.00298	
-80.00	17.00	0.00324	-80.00	15.00	0.00344	
-80.00	13.00	0.00366	-80.00	11.00	0.00392	
-80.00	9.00	0.00424	-80.00	-9.00	0.00940	
-80.00	-11.00	0.00910	-80.00	-13.00	0.00884	
-80.00	-15.00	0.00859	-80.00	-17.00	0.00834	
-80.00	-20.00	0.00799	-80.00	-25.00	0.00742	
-80.00	-30.00	0.00687	-80.00	-40.00	0.00589	
-80.00	-50.00	0.00504	-80.00	-60.00	0.00431	
-80.00	-70.00	0.00369	-80.00	-80.00	0.00316	
-80.00	-90.00	0.00272	-80.00	-100.00	0.00235	
-70.00	100.00	0.00073	-70.00	90.00	0.00082	
-70.00	80.00	0.00095	-70.00	70.00	0.00110	
-70.00	60.00	0.00129	-70.00	50.00	0.00154	
-70.00	40.00	0.00188	-70.00	30.00	0.00234	
-70.00	25.00	0.00264	-70.00	20.00	0.00301	
-70.00	17.00	0.00327	-70.00	15.00	0.00347	
-70.00	13.00	0.00370	-70.00	11.00	0.00396	
-70.00	9.00	0.00428	-70.00	-9.00	0.00948	
-70.00	-11.00	0.00916	-70.00	-13.00	0.00891	
-70.00	-15.00	0.00866	-70.00	-17.00	0.00841	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00805	-70.00	-25.00	0.00748
-70.00	-30.00	0.00695	-70.00	-40.00	0.00597
-70.00	-50.00	0.00513	-70.00	-60.00	0.00441
-70.00	-70.00	0.00380	-70.00	-80.00	0.00327
-70.00	-90.00	0.00283	-70.00	-100.00	0.00245
-60.00	100.00	0.00073	-60.00	90.00	0.00083
-60.00	80.00	0.00095	-60.00	70.00	0.00110
-60.00	60.00	0.00130	-60.00	50.00	0.00155
-60.00	40.00	0.00189	-60.00	30.00	0.00236
-60.00	25.00	0.00267	-60.00	20.00	0.00304
-60.00	17.00	0.00330	-60.00	15.00	0.00350
-60.00	13.00	0.00373	-60.00	11.00	0.00399
-60.00	9.00	0.00431	-60.00	-9.00	0.00954
-60.00	-11.00	0.00923	-60.00	-13.00	0.00896
-60.00	-15.00	0.00872	-60.00	-17.00	0.00847
-60.00	-20.00	0.00812	-60.00	-25.00	0.00754
-60.00	-30.00	0.00701	-60.00	-40.00	0.00605
-60.00	-50.00	0.00521	-60.00	-60.00	0.00450
-60.00	-70.00	0.00389	-60.00	-80.00	0.00337
-60.00	-90.00	0.00293	-60.00	-100.00	0.00255
-50.00	100.00	0.00073	-50.00	90.00	0.00083
-50.00	80.00	0.00095	-50.00	70.00	0.00111
-50.00	60.00	0.00131	-50.00	50.00	0.00156
-50.00	40.00	0.00191	-50.00	30.00	0.00238
-50.00	25.00	0.00269	-50.00	20.00	0.00306
-50.00	17.00	0.00333	-50.00	15.00	0.00353
-50.00	13.00	0.00376	-50.00	11.00	0.00403
-50.00	9.00	0.00435	-50.00	-9.00	0.00961
-50.00	-11.00	0.00930	-50.00	-13.00	0.00900
-50.00	-15.00	0.00876	-50.00	-17.00	0.00853
-50.00	-20.00	0.00817	-50.00	-25.00	0.00760
-50.00	-30.00	0.00707	-50.00	-40.00	0.00611
-50.00	-50.00	0.00528	-50.00	-60.00	0.00457
-50.00	-70.00	0.00397	-50.00	-80.00	0.00345

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00302	-50.00	-100.00	0.00264
-40.00	100.00	0.00073	-40.00	90.00	0.00083
-40.00	80.00	0.00096	-40.00	70.00	0.00111
-40.00	60.00	0.00131	-40.00	50.00	0.00157
-40.00	40.00	0.00192	-40.00	30.00	0.00240
-40.00	25.00	0.00271	-40.00	20.00	0.00308

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00335	-40.00	15.00	0.00355
-40.00	13.00	0.00378	-40.00	11.00	0.00405
-40.00	9.00	0.00439	-40.00	-9.00	0.00960
-40.00	-11.00	0.00935	-40.00	-13.00	0.00907
-40.00	-15.00	0.00881	-40.00	-17.00	0.00857
-40.00	-20.00	0.00822	-40.00	-25.00	0.00765
-40.00	-30.00	0.00712	-40.00	-40.00	0.00617
-40.00	-50.00	0.00534	-40.00	-60.00	0.00464
-40.00	-70.00	0.00404	-40.00	-80.00	0.00353
-40.00	-90.00	0.00309	-40.00	-100.00	0.00272
-30.00	100.00	0.00073	-30.00	90.00	0.00083
-30.00	80.00	0.00096	-30.00	70.00	0.00112
-30.00	60.00	0.00132	-30.00	50.00	0.00158
-30.00	40.00	0.00193	-30.00	30.00	0.00241
-30.00	25.00	0.00272	-30.00	20.00	0.00310
-30.00	17.00	0.00337	-30.00	15.00	0.00357
-30.00	13.00	0.00380	-30.00	11.00	0.00407
-30.00	9.00	0.00441	-30.00	-9.00	0.00958
-30.00	-11.00	0.00933	-30.00	-13.00	0.00909
-30.00	-15.00	0.00886	-30.00	-17.00	0.00862
-30.00	-20.00	0.00827	-30.00	-25.00	0.00771
-30.00	-30.00	0.00716	-30.00	-40.00	0.00621
-30.00	-50.00	0.00539	-30.00	-60.00	0.00469
-30.00	-70.00	0.00410	-30.00	-80.00	0.00359
-30.00	-90.00	0.00316	-30.00	-100.00	0.00279
-20.00	100.00	0.00073	-20.00	90.00	0.00083
-20.00	80.00	0.00096	-20.00	70.00	0.00112
-20.00	60.00	0.00132	-20.00	50.00	0.00159



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00194	-20.00	30.00	0.00242
-20.00	25.00	0.00273	-20.00	20.00	0.00311
-20.00	17.00	0.00339	-20.00	15.00	0.00359
-20.00	13.00	0.00382	-20.00	11.00	0.00409
-20.00	9.00	0.00443	-20.00	-9.00	0.00962
-20.00	-11.00	0.00936	-20.00	-13.00	0.00911
-20.00	-15.00	0.00887	-20.00	-17.00	0.00864
-20.00	-20.00	0.00829	-20.00	-25.00	0.00774
-20.00	-30.00	0.00721	-20.00	-40.00	0.00626
-20.00	-50.00	0.00544	-20.00	-60.00	0.00474
-20.00	-70.00	0.00415	-20.00	-80.00	0.00365
-20.00	-90.00	0.00322	-20.00	-100.00	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00072	-10.00	90.00	0.00083
-10.00	80.00	0.00096	-10.00	70.00	0.00112
-10.00	60.00	0.00133	-10.00	50.00	0.00159
-10.00	40.00	0.00195	-10.00	30.00	0.00243
-10.00	25.00	0.00275	-10.00	20.00	0.00313
-10.00	17.00	0.00340	-10.00	15.00	0.00361
-10.00	13.00	0.00384	-10.00	11.00	0.00411
-10.00	9.00	0.00444	-10.00	-9.00	0.00964
-10.00	-11.00	0.00938	-10.00	-13.00	0.00914
-10.00	-15.00	0.00890	-10.00	-17.00	0.00867
-10.00	-20.00	0.00832	-10.00	-25.00	0.00777
-10.00	-30.00	0.00725	-10.00	-40.00	0.00630
-10.00	-50.00	0.00548	-10.00	-60.00	0.00479
-10.00	-70.00	0.00420	-10.00	-80.00	0.00370
-10.00	-90.00	0.00327	-10.00	-100.00	0.00290
0.00	100.00	0.00072	0.00	90.00	0.00083
0.00	80.00	0.00096	0.00	70.00	0.00112
0.00	60.00	0.00133	0.00	50.00	0.00160
0.00	40.00	0.00195	0.00	30.00	0.00244
0.00	25.00	0.00276	0.00	20.00	0.00314
0.00	17.00	0.00341	0.00	15.00	0.00362
0.00	13.00	0.00385	0.00	11.00	0.00412

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00445	0.00	-9.00	0.00968
0.00	-11.00	0.00941	0.00	-13.00	0.00916
0.00	-15.00	0.00892	0.00	-17.00	0.00869
0.00	-20.00	0.00835	0.00	-25.00	0.00779
0.00	-30.00	0.00727	0.00	-40.00	0.00633
0.00	-50.00	0.00552	0.00	-60.00	0.00482
0.00	-70.00	0.00424	0.00	-80.00	0.00374
0.00	-90.00	0.00332	0.00	-100.00	0.00295
10.00	100.00	0.00072	10.00	90.00	0.00082
10.00	80.00	0.00096	10.00	70.00	0.00112
10.00	60.00	0.00133	10.00	50.00	0.00160
10.00	40.00	0.00196	10.00	30.00	0.00245
10.00	25.00	0.00276	10.00	20.00	0.00315
10.00	17.00	0.00342	10.00	15.00	0.00363
10.00	13.00	0.00386	10.00	11.00	0.00413
10.00	9.00	0.00446	10.00	-9.00	0.00972
10.00	-11.00	0.00943	10.00	-13.00	0.00918
10.00	-15.00	0.00894	10.00	-17.00	0.00871

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 133

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):        NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER        IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00836	10.00	-25.00	0.00782
10.00	-30.00	0.00730	10.00	-40.00	0.00636
10.00	-50.00	0.00555	10.00	-60.00	0.00486
10.00	-70.00	0.00428	10.00	-80.00	0.00378
10.00	-90.00	0.00336	10.00	-100.00	0.00300
20.00	100.00	0.00071	20.00	90.00	0.00082
20.00	80.00	0.00095	20.00	70.00	0.00112
20.00	60.00	0.00133	20.00	50.00	0.00160
20.00	40.00	0.00196	20.00	30.00	0.00245
20.00	25.00	0.00277	20.00	20.00	0.00315
20.00	17.00	0.00343	20.00	15.00	0.00364
20.00	13.00	0.00387	20.00	11.00	0.00414
20.00	9.00	0.00447	20.00	-9.00	0.00976
20.00	-11.00	0.00945	20.00	-13.00	0.00920
20.00	-15.00	0.00896	20.00	-17.00	0.00873
20.00	-20.00	0.00838	20.00	-25.00	0.00783

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00732	20.00	-40.00	0.00638
20.00	-50.00	0.00557	20.00	-60.00	0.00489
20.00	-70.00	0.00431	20.00	-80.00	0.00382
20.00	-90.00	0.00340	20.00	-100.00	0.00304
30.00	100.00	0.00071	30.00	90.00	0.00081
30.00	80.00	0.00095	30.00	70.00	0.00111
30.00	60.00	0.00132	30.00	50.00	0.00160
30.00	40.00	0.00196	30.00	30.00	0.00245
30.00	25.00	0.00277	30.00	20.00	0.00316
30.00	17.00	0.00343	30.00	15.00	0.00364
30.00	13.00	0.00388	30.00	11.00	0.00415
30.00	9.00	0.00448	30.00	-9.00	0.00978
30.00	-11.00	0.00948	30.00	-13.00	0.00922
30.00	-15.00	0.00898	30.00	-17.00	0.00875
30.00	-20.00	0.00840	30.00	-25.00	0.00785
30.00	-30.00	0.00733	30.00	-40.00	0.00640
30.00	-50.00	0.00560	30.00	-60.00	0.00491
30.00	-70.00	0.00434	30.00	-80.00	0.00385
30.00	-90.00	0.00343	30.00	-100.00	0.00307
40.00	100.00	0.00070	40.00	90.00	0.00081
40.00	80.00	0.00094	40.00	70.00	0.00111
40.00	60.00	0.00132	40.00	50.00	0.00159
40.00	40.00	0.00196	40.00	30.00	0.00245
40.00	25.00	0.00277	40.00	20.00	0.00316

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00344	40.00	15.00	0.00365
40.00	13.00	0.00388	40.00	11.00	0.00416
40.00	9.00	0.00449	40.00	-9.00	0.00982
40.00	-11.00	0.00951	40.00	-13.00	0.00922
40.00	-15.00	0.00899	40.00	-17.00	0.00876
40.00	-20.00	0.00842	40.00	-25.00	0.00786
40.00	-30.00	0.00734	40.00	-40.00	0.00642
40.00	-50.00	0.00562	40.00	-60.00	0.00494
40.00	-70.00	0.00436	40.00	-80.00	0.00388
40.00	-90.00	0.00346	40.00	-100.00	0.00310

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00069	50.00	90.00	0.00080
50.00	80.00	0.00093	50.00	70.00	0.00110
50.00	60.00	0.00131	50.00	50.00	0.00159
50.00	40.00	0.00195	50.00	30.00	0.00245
50.00	25.00	0.00277	50.00	20.00	0.00316
50.00	17.00	0.00344	50.00	15.00	0.00365
50.00	13.00	0.00388	50.00	11.00	0.00416
50.00	9.00	0.00450	50.00	-9.00	0.00978
50.00	-11.00	0.00954	50.00	-13.00	0.00927
50.00	-15.00	0.00900	50.00	-17.00	0.00878
50.00	-20.00	0.00843	50.00	-25.00	0.00788
50.00	-30.00	0.00736	50.00	-40.00	0.00643
50.00	-50.00	0.00563	50.00	-60.00	0.00496
50.00	-70.00	0.00439	50.00	-80.00	0.00390
50.00	-90.00	0.00349	50.00	-100.00	0.00313
60.00	100.00	0.00068	60.00	90.00	0.00079
60.00	80.00	0.00093	60.00	70.00	0.00109
60.00	60.00	0.00130	60.00	50.00	0.00158
60.00	40.00	0.00194	60.00	30.00	0.00244
60.00	25.00	0.00277	60.00	20.00	0.00316
60.00	17.00	0.00344	60.00	15.00	0.00365
60.00	13.00	0.00388	60.00	11.00	0.00416
60.00	9.00	0.00450	60.00	-9.00	0.00973
60.00	-11.00	0.00949	60.00	-13.00	0.00925
60.00	-15.00	0.00902	60.00	-17.00	0.00879
60.00	-20.00	0.00845	60.00	-25.00	0.00790
60.00	-30.00	0.00737	60.00	-40.00	0.00644
60.00	-50.00	0.00565	60.00	-60.00	0.00497
60.00	-70.00	0.00440	60.00	-80.00	0.00392
60.00	-90.00	0.00351	60.00	-100.00	0.00315

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00067	70.00	90.00	0.00078
70.00	80.00	0.00091	70.00	70.00	0.00108
70.00	60.00	0.00129	70.00	50.00	0.00157
70.00	40.00	0.00194	70.00	30.00	0.00244

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00276	70.00	20.00	0.00315
70.00	17.00	0.00343	70.00	15.00	0.00364
70.00	13.00	0.00388	70.00	11.00	0.00416
70.00	9.00	0.00450	70.00	-9.00	0.00974
70.00	-11.00	0.00948	70.00	-13.00	0.00924
70.00	-15.00	0.00901	70.00	-17.00	0.00878
70.00	-20.00	0.00844	70.00	-25.00	0.00790
70.00	-30.00	0.00738	70.00	-40.00	0.00645
70.00	-50.00	0.00566	70.00	-60.00	0.00499
70.00	-70.00	0.00442	70.00	-80.00	0.00394
70.00	-90.00	0.00353	70.00	-100.00	0.00317
80.00	100.00	0.00066	80.00	90.00	0.00077
80.00	80.00	0.00090	80.00	70.00	0.00107
80.00	60.00	0.00128	80.00	50.00	0.00156
80.00	40.00	0.00192	80.00	30.00	0.00243
80.00	25.00	0.00275	80.00	20.00	0.00314
80.00	17.00	0.00342	80.00	15.00	0.00364
80.00	13.00	0.00388	80.00	11.00	0.00415
80.00	9.00	0.00449	80.00	-9.00	0.00974
80.00	-11.00	0.00949	80.00	-13.00	0.00924
80.00	-15.00	0.00901	80.00	-17.00	0.00878
80.00	-20.00	0.00844	80.00	-25.00	0.00790
80.00	-30.00	0.00739	80.00	-40.00	0.00646
80.00	-50.00	0.00567	80.00	-60.00	0.00500
80.00	-70.00	0.00443	80.00	-80.00	0.00395
80.00	-90.00	0.00354	80.00	-100.00	0.00318
90.00	100.00	0.00065	90.00	90.00	0.00075
90.00	80.00	0.00089	90.00	70.00	0.00105
90.00	60.00	0.00126	90.00	50.00	0.00154
90.00	40.00	0.00191	90.00	30.00	0.00241
90.00	25.00	0.00274	90.00	20.00	0.00313
90.00	17.00	0.00341	90.00	15.00	0.00363
90.00	13.00	0.00386	90.00	11.00	0.00414
90.00	9.00	0.00448	90.00	-9.00	0.00975
90.00	-11.00	0.00948	90.00	-13.00	0.00924
90.00	-15.00	0.00901	90.00	-17.00	0.00878

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

06NCRA PL91-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00844	90.00	-25.00	0.00790
90.00	-30.00	0.00739	90.00	-40.00	0.00646
90.00	-50.00	0.00568	90.00	-60.00	0.00501
90.00	-70.00	0.00444	90.00	-80.00	0.00396
90.00	-90.00	0.00355	90.00	-100.00	0.00320
100.00	100.00	0.00063	100.00	90.00	0.00074
100.00	80.00	0.00087	100.00	70.00	0.00103
100.00	60.00	0.00124	100.00	50.00	0.00152
100.00	40.00	0.00189	100.00	30.00	0.00239
100.00	25.00	0.00272	100.00	20.00	0.00312
100.00	17.00	0.00340	100.00	15.00	0.00361
100.00	13.00	0.00385	100.00	11.00	0.00413
100.00	9.00	0.00446	100.00	-9.00	0.00977
100.00	-11.00	0.00948	100.00	-13.00	0.00924
100.00	-15.00	0.00900	100.00	-17.00	0.00877
100.00	-20.00	0.00843	100.00	-25.00	0.00789
100.00	-30.00	0.00738	100.00	-40.00	0.00646
100.00	-50.00	0.00568	100.00	-60.00	0.00501
100.00	-70.00	0.00445	100.00	-80.00	0.00397
100.00	-90.00	0.00356	100.00	-100.00	0.00320
110.00	100.00	0.00061	110.00	90.00	0.00072
110.00	80.00	0.00085	110.00	70.00	0.00101
110.00	60.00	0.00122	110.00	50.00	0.00150
110.00	40.00	0.00186	110.00	30.00	0.00237
110.00	25.00	0.00270	110.00	20.00	0.00310
110.00	17.00	0.00338	110.00	15.00	0.00359
110.00	13.00	0.00383	110.00	11.00	0.00411
110.00	9.00	0.00445	110.00	-9.00	0.00978
110.00	-11.00	0.00948	110.00	-13.00	0.00923
110.00	-15.00	0.00900	110.00	-17.00	0.00876
110.00	-20.00	0.00842	110.00	-25.00	0.00788
110.00	-30.00	0.00738	110.00	-40.00	0.00646
110.00	-50.00	0.00568	110.00	-60.00	0.00502
110.00	-70.00	0.00445	110.00	-80.00	0.00397
110.00	-90.00	0.00356	110.00	-100.00	0.00321
120.00	100.00	0.00059	120.00	90.00	0.00069
120.00	80.00	0.00082	120.00	70.00	0.00099
120.00	60.00	0.00119	120.00	50.00	0.00147
120.00	40.00	0.00183	120.00	30.00	0.00234
120.00	25.00	0.00267	120.00	20.00	0.00307

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00336	120.00	15.00	0.00357
120.00	13.00	0.00381	120.00	11.00	0.00409
120.00	9.00	0.00442	120.00	-9.00	0.00978
120.00	-11.00	0.00947	120.00	-13.00	0.00922
120.00	-15.00	0.00899	120.00	-17.00	0.00876
120.00	-20.00	0.00841	120.00	-25.00	0.00787
120.00	-30.00	0.00737	120.00	-40.00	0.00646
120.00	-50.00	0.00568	120.00	-60.00	0.00502
120.00	-70.00	0.00445	120.00	-80.00	0.00397
120.00	-90.00	0.00356	120.00	-100.00	0.00321
130.00	100.00	0.00057	130.00	90.00	0.00067
130.00	80.00	0.00079	130.00	70.00	0.00096
130.00	60.00	0.00116	130.00	50.00	0.00143
130.00	40.00	0.00180	130.00	30.00	0.00231
130.00	25.00	0.00264	130.00	20.00	0.00304
130.00	17.00	0.00332	130.00	15.00	0.00354
130.00	13.00	0.00378	130.00	11.00	0.00407
130.00	9.00	0.00440	130.00	-9.00	0.00978
130.00	-11.00	0.00948	130.00	-13.00	0.00920
130.00	-15.00	0.00897	130.00	-17.00	0.00874
130.00	-20.00	0.00840	130.00	-25.00	0.00785
130.00	-30.00	0.00735	130.00	-40.00	0.00645
130.00	-50.00	0.00567	130.00	-60.00	0.00501
130.00	-70.00	0.00444	130.00	-80.00	0.00397
130.00	-90.00	0.00356	130.00	-100.00	0.00321
140.00	100.00	0.00054	140.00	90.00	0.00064
140.00	80.00	0.00076	140.00	70.00	0.00092
140.00	60.00	0.00113	140.00	50.00	0.00139
140.00	40.00	0.00175	140.00	30.00	0.00226
140.00	25.00	0.00259	140.00	20.00	0.00300
140.00	17.00	0.00328	140.00	15.00	0.00350
140.00	13.00	0.00374	140.00	11.00	0.00403
140.00	9.00	0.00438	140.00	-9.00	0.00972
140.00	-11.00	0.00947	140.00	-13.00	0.00920
140.00	-15.00	0.00894	140.00	-17.00	0.00872
140.00	-20.00	0.00838	140.00	-25.00	0.00784

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00733	140.00	-40.00	0.00644
140.00	-50.00	0.00566	140.00	-60.00	0.00500
140.00	-70.00	0.00443	140.00	-80.00	0.00395
140.00	-90.00	0.00355	140.00	-100.00	0.00320

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00052	150.00	90.00	0.00061
150.00	80.00	0.00073	150.00	70.00	0.00088
150.00	60.00	0.00108	150.00	50.00	0.00135
150.00	40.00	0.00170	150.00	30.00	0.00221
150.00	25.00	0.00254	150.00	20.00	0.00294
150.00	17.00	0.00323	150.00	15.00	0.00345
150.00	13.00	0.00369	150.00	11.00	0.00398
150.00	9.00	0.00433	150.00	-9.00	0.00963
150.00	-11.00	0.00938	150.00	-13.00	0.00915
150.00	-15.00	0.00893	150.00	-17.00	0.00870
150.00	-20.00	0.00837	150.00	-25.00	0.00783
150.00	-30.00	0.00732	150.00	-40.00	0.00642
150.00	-50.00	0.00564	150.00	-60.00	0.00498
150.00	-70.00	0.00441	150.00	-80.00	0.00394
150.00	-90.00	0.00354	150.00	-100.00	0.00320
160.00	100.00	0.00049	160.00	90.00	0.00058
160.00	80.00	0.00069	160.00	70.00	0.00083
160.00	60.00	0.00102	160.00	50.00	0.00129
160.00	40.00	0.00164	160.00	30.00	0.00214
160.00	25.00	0.00247	160.00	20.00	0.00287
160.00	17.00	0.00317	160.00	15.00	0.00338
160.00	13.00	0.00363	160.00	11.00	0.00392
160.00	9.00	0.00427	160.00	-9.00	0.00959
160.00	-11.00	0.00934	160.00	-13.00	0.00910
160.00	-15.00	0.00887	160.00	-17.00	0.00865
160.00	-20.00	0.00832	160.00	-25.00	0.00780
160.00	-30.00	0.00730	160.00	-40.00	0.00640
160.00	-50.00	0.00561	160.00	-60.00	0.00495
160.00	-70.00	0.00439	160.00	-80.00	0.00392
160.00	-90.00	0.00352	160.00	-100.00	0.00319



06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00046	170.00	90.00	0.00054
170.00	80.00	0.00065	170.00	70.00	0.00078
170.00	60.00	0.00096	170.00	50.00	0.00121
170.00	40.00	0.00156	170.00	30.00	0.00206
170.00	25.00	0.00238	170.00	20.00	0.00278
170.00	17.00	0.00308	170.00	15.00	0.00330
170.00	13.00	0.00355	170.00	11.00	0.00384
170.00	9.00	0.00419	170.00	-9.00	0.00954
170.00	-11.00	0.00929	170.00	-13.00	0.00905
170.00	-15.00	0.00882	170.00	-17.00	0.00860

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00828	170.00	-25.00	0.00776
170.00	-30.00	0.00727	170.00	-40.00	0.00636
170.00	-50.00	0.00558	170.00	-60.00	0.00492
170.00	-70.00	0.00436	170.00	-80.00	0.00390
170.00	-90.00	0.00351	170.00	-100.00	0.00317
180.00	100.00	0.00044	180.00	90.00	0.00051
180.00	80.00	0.00060	180.00	70.00	0.00073
180.00	60.00	0.00090	180.00	50.00	0.00113
180.00	40.00	0.00147	180.00	30.00	0.00195
180.00	25.00	0.00227	180.00	20.00	0.00267
180.00	17.00	0.00296	180.00	15.00	0.00319
180.00	13.00	0.00344	180.00	11.00	0.00373
180.00	9.00	0.00408	180.00	-9.00	0.00948
180.00	-11.00	0.00922	180.00	-13.00	0.00899
180.00	-15.00	0.00876	180.00	-17.00	0.00854
180.00	-20.00	0.00823	180.00	-25.00	0.00771
180.00	-30.00	0.00721	180.00	-40.00	0.00631
180.00	-50.00	0.00553	180.00	-60.00	0.00488
180.00	-70.00	0.00433	180.00	-80.00	0.00387
180.00	-90.00	0.00349	180.00	-100.00	0.00315
190.00	100.00	0.00041	190.00	90.00	0.00048
190.00	80.00	0.00057	190.00	70.00	0.00068
190.00	60.00	0.00083	190.00	50.00	0.00104
190.00	40.00	0.00135	190.00	30.00	0.00181

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00213	190.00	20.00	0.00253
190.00	17.00	0.00282	190.00	15.00	0.00304
190.00	13.00	0.00329	190.00	11.00	0.00358
190.00	9.00	0.00394	190.00	-9.00	0.00942
190.00	-11.00	0.00915	190.00	-13.00	0.00892
190.00	-15.00	0.00870	190.00	-17.00	0.00848
190.00	-20.00	0.00816	190.00	-25.00	0.00764
190.00	-30.00	0.00714	190.00	-40.00	0.00624
190.00	-50.00	0.00547	190.00	-60.00	0.00483
190.00	-70.00	0.00429	190.00	-80.00	0.00384
190.00	-90.00	0.00346	190.00	-100.00	0.00313
200.00	100.00	0.00040	200.00	90.00	0.00046
200.00	80.00	0.00053	200.00	70.00	0.00063
200.00	60.00	0.00076	200.00	50.00	0.00095
200.00	40.00	0.00122	200.00	30.00	0.00165
200.00	25.00	0.00195	200.00	20.00	0.00233

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00262	200.00	15.00	0.00284
200.00	13.00	0.00309	200.00	11.00	0.00338
200.00	9.00	0.00375	200.00	-9.00	0.00935
200.00	-11.00	0.00906	200.00	-13.00	0.00884
200.00	-15.00	0.00862	200.00	-17.00	0.00840
200.00	-20.00	0.00807	200.00	-25.00	0.00754
200.00	-30.00	0.00705	200.00	-40.00	0.00616
200.00	-50.00	0.00541	200.00	-60.00	0.00477
200.00	-70.00	0.00425	200.00	-80.00	0.00380
200.00	-90.00	0.00343	200.00	-100.00	0.00311
210.00	100.00	0.00038	210.00	90.00	0.00043
210.00	80.00	0.00050	210.00	70.00	0.00059
210.00	60.00	0.00071	210.00	50.00	0.00087
210.00	40.00	0.00110	210.00	30.00	0.00146
210.00	25.00	0.00173	210.00	20.00	0.00208
210.00	17.00	0.00235	210.00	15.00	0.00256
210.00	13.00	0.00281	210.00	11.00	0.00310
210.00	9.00	0.00347	210.00	-9.00	0.00924

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00895	210.00	-13.00	0.00871
210.00	-15.00	0.00849	210.00	-17.00	0.00827
210.00	-20.00	0.00794	210.00	-25.00	0.00742
210.00	-30.00	0.00693	210.00	-40.00	0.00606
210.00	-50.00	0.00533	210.00	-60.00	0.00471
210.00	-70.00	0.00420	210.00	-80.00	0.00376
210.00	-90.00	0.00339	210.00	-100.00	0.00308
220.00	100.00	0.00036	220.00	90.00	0.00041
220.00	80.00	0.00048	220.00	70.00	0.00056
220.00	60.00	0.00067	220.00	50.00	0.00081
220.00	40.00	0.00101	220.00	30.00	0.00132
220.00	25.00	0.00153	220.00	20.00	0.00182
220.00	17.00	0.00204	220.00	15.00	0.00222
220.00	13.00	0.00244	220.00	11.00	0.00270
220.00	9.00	0.00304	220.00	-9.00	0.00906
220.00	-11.00	0.00878	220.00	-13.00	0.00852
220.00	-15.00	0.00831	220.00	-17.00	0.00810
220.00	-20.00	0.00778	220.00	-25.00	0.00727
220.00	-30.00	0.00679	220.00	-40.00	0.00595
220.00	-50.00	0.00523	220.00	-60.00	0.00463
220.00	-70.00	0.00412	220.00	-80.00	0.00370
220.00	-90.00	0.00334	220.00	-100.00	0.00304

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 10:24:40      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00035	230.00	90.00	0.00040
230.00	80.00	0.00046	230.00	70.00	0.00053
230.00	60.00	0.00063	230.00	50.00	0.00076
230.00	40.00	0.00094	230.00	30.00	0.00122
230.00	25.00	0.00141	230.00	20.00	0.00166
230.00	17.00	0.00186	230.00	15.00	0.00201
230.00	13.00	0.00220	230.00	11.00	0.00242
230.00	9.00	0.00270	230.00	-9.00	0.00828
230.00	-11.00	0.00823	230.00	-13.00	0.00807
230.00	-15.00	0.00789	230.00	-17.00	0.00773
230.00	-20.00	0.00746	230.00	-25.00	0.00700
230.00	-30.00	0.00655	230.00	-40.00	0.00576

06NCRA\_PL91-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00508	230.00	-60.00	0.00450
230.00	-70.00	0.00402	230.00	-80.00	0.00362
230.00	-90.00	0.00328	230.00	-100.00	0.00298
240.00	100.00	0.00034	240.00	90.00	0.00038
240.00	80.00	0.00044	240.00	70.00	0.00051
240.00	60.00	0.00060	240.00	50.00	0.00072
240.00	40.00	0.00088	240.00	30.00	0.00112
240.00	25.00	0.00129	240.00	20.00	0.00152
240.00	17.00	0.00170	240.00	15.00	0.00184
240.00	13.00	0.00200	240.00	11.00	0.00220
240.00	9.00	0.00243	240.00	-9.00	0.00614
240.00	-11.00	0.00642	240.00	-13.00	0.00661
240.00	-15.00	0.00671	240.00	-17.00	0.00674
240.00	-20.00	0.00667	240.00	-25.00	0.00643
240.00	-30.00	0.00610	240.00	-40.00	0.00545
240.00	-50.00	0.00485	240.00	-60.00	0.00434
240.00	-70.00	0.00390	240.00	-80.00	0.00352
240.00	-90.00	0.00320	240.00	-100.00	0.00292
250.00	100.00	0.00032	250.00	90.00	0.00037
250.00	80.00	0.00042	250.00	70.00	0.00048
250.00	60.00	0.00057	250.00	50.00	0.00067
250.00	40.00	0.00082	250.00	30.00	0.00104
250.00	25.00	0.00120	250.00	20.00	0.00140
250.00	17.00	0.00155	250.00	15.00	0.00167
250.00	13.00	0.00180	250.00	11.00	0.00195
250.00	9.00	0.00212	250.00	-9.00	0.00447
250.00	-11.00	0.00471	250.00	-13.00	0.00493
250.00	-15.00	0.00511	250.00	-17.00	0.00527

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00542	250.00	-25.00	0.00550
250.00	-30.00	0.00541	250.00	-40.00	0.00501
250.00	-50.00	0.00454	250.00	-60.00	0.00411
250.00	-70.00	0.00373	250.00	-80.00	0.00339
250.00	-90.00	0.00310	250.00	-100.00	0.00284

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00771 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00753 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00739 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00735 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00725 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00718 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00710 AT ( 230.00, -9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00708 AT ( 220.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00705 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00771 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00753 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00739 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00735 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00725 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00718 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00710 AT ( 140.00, -9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00708 AT ( 130.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00705 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00771 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00753 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00739 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00735 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00725 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00718 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00710 AT ( 50.00, -9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00708 AT ( 40.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00705 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:24:40

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00771 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00753 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00739 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00735 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00725 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00718 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00710 AT ( -40.00, -9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00708 AT ( -50.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00705 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00771 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00753 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00739 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00735 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00725 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00718 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00710 AT ( -130.00, -9.00, 0.00, 1.20)	DC	NA

		06NCRA_PL91-300_DPM_TRAV_ANN_E-W Bound							
	9TH HIGHEST VALUE IS	0.00708	AT (	-140.00,	-13.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00705	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00982	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00978	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00978	AT (	130.00,	-9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00978	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00978	AT (	120.00,	-9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00978	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00977	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00976	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00975	AT (	90.00,	-9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00974	AT (	80.00,	-9.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:24:40

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 10:34:29

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2



RE DISCCART	-240.0	11.0	1.2
RE DISCCART	-240.0	9.0	1.2
RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
RE DISCCART	-230.0	-9.0	1.2
RE DISCCART	-230.0	-11.0	1.2
RE DISCCART	-230.0	-13.0	1.2
RE DISCCART	-230.0	-15.0	1.2
RE DISCCART	-230.0	-17.0	1.2
RE DISCCART	-230.0	-20.0	1.2
RE DISCCART	-230.0	-25.0	1.2
RE DISCCART	-230.0	-30.0	1.2
RE DISCCART	-230.0	-40.0	1.2
RE DISCCART	-230.0	-50.0	1.2
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RE DISCCART	60.0	30.0	1.2
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RE DISCCART	200.0	-50.0	1.2
RE DISCCART	200.0	-60.0	1.2
RE DISCCART	200.0	-70.0	1.2
RE DISCCART	200.0	-80.0	1.2
RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
RE DISCCART	210.0	100.0	1.2
RE DISCCART	210.0	90.0	1.2
RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
RE DISCCART	210.0	25.0	1.2
RE DISCCART	210.0	20.0	1.2
RE DISCCART	210.0	17.0	1.2
RE DISCCART	210.0	15.0	1.2
RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
RE DISCCART	210.0	-13.0	1.2
RE DISCCART	210.0	-15.0	1.2
RE DISCCART	210.0	-17.0	1.2
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RE DISCCART	210.0	-40.0	1.2
RE DISCCART	210.0	-50.0	1.2
RE DISCCART	210.0	-60.0	1.2
RE DISCCART	210.0	-70.0	1.2

RE DISCCART	210.0	-80.0	1.2
RE DISCCART	210.0	-90.0	1.2
RE DISCCART	210.0	-100.0	1.2
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RE DISCCART	220.0	90.0	1.2
RE DISCCART	220.0	80.0	1.2
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RE DISCCART	220.0	50.0	1.2
RE DISCCART	220.0	40.0	1.2
RE DISCCART	220.0	30.0	1.2
RE DISCCART	220.0	25.0	1.2
RE DISCCART	220.0	20.0	1.2
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RE DISCCART	220.0	9.0	1.2
RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
RE DISCCART	220.0	-13.0	1.2
RE DISCCART	220.0	-15.0	1.2
RE DISCCART	220.0	-17.0	1.2
RE DISCCART	220.0	-20.0	1.2
RE DISCCART	220.0	-25.0	1.2
RE DISCCART	220.0	-30.0	1.2
RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
RE DISCCART	230.0	25.0	1.2
RE DISCCART	230.0	20.0	1.2
RE DISCCART	230.0	17.0	1.2



RE DISCCART	230.0	15.0	1.2
RE DISCCART	230.0	13.0	1.2
RE DISCCART	230.0	11.0	1.2
RE DISCCART	230.0	9.0	1.2
RE DISCCART	230.0	-9.0	1.2
RE DISCCART	230.0	-11.0	1.2
RE DISCCART	230.0	-13.0	1.2
RE DISCCART	230.0	-15.0	1.2
RE DISCCART	230.0	-17.0	1.2
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RE DISCCART	230.0	-40.0	1.2
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RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2  
RE DISCCART 240.0 -70.0 1.2  
RE DISCCART 240.0 -80.0 1.2  
RE DISCCART 240.0 -90.0 1.2  
RE DISCCART 240.0 -100.0 1.2  
RE DISCCART 250.0 100.0 1.2  
RE DISCCART 250.0 90.0 1.2  
RE DISCCART 250.0 80.0 1.2  
RE DISCCART 250.0 70.0 1.2  
RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
RE DISCCART 250.0 17.0 1.2  
RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
RE DISCCART 250.0 11.0 1.2  
RE DISCCART 250.0 9.0 1.2  
RE DISCCART 250.0 -9.0 1.2  
RE DISCCART 250.0 -11.0 1.2  
RE DISCCART 250.0 -13.0 1.2  
RE DISCCART 250.0 -15.0 1.2  
RE DISCCART 250.0 -17.0 1.2  
RE DISCCART 250.0 -20.0 1.2  
RE DISCCART 250.0 -25.0 1.2  
RE DISCCART 250.0 -30.0 1.2  
RE DISCCART 250.0 -40.0 1.2  
RE DISCCART 250.0 -50.0 1.2  
RE DISCCART 250.0 -60.0 1.2  
RE DISCCART 250.0 -70.0 1.2  
RE DISCCART 250.0 -80.0 1.2  
RE DISCCART 250.0 -90.0 1.2  
RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET92300.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 9901 1992  
ME UAIRDATA 9901 1992  
ME STARTEND 1992 01 01 1 1992 12 31 24  
ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
 \*\*\* SETUP Finishes Successfully \*\*\*  
 \*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
 \*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
 \*\*Model Uses NO WET DEPLETION. WDPLETE = F  
 \*\*NO WET SCAVENGING Data Provided.  
 \*\*NO GAS DRY DEPOSITION Data Provided.  
 \*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
 1. Final Plume Rise.  
 2. Stack-tip Downwash.  
 3. Buoyancy-induced Dispersion.  
 4. Use Calms Processing Routine.  
 5. Not Use Missing Data Processing Routine.  
 6. Default Wind Profile Exponents.  
 7. Default Vertical Potential Temperature Gradients.  
 8. "Upper Bound" Values for Supersquat Buildings.  
 9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
 Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
 m for Missing Hours  
 b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
 Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL~1\PETALUMA\07NCRA~1.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\07NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:34:30  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:34:30  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

NCRA\_S1 NCRA\_S1 ,

NCRA\_S2 NCRA\_S2 ,

NCRA\_S3 NCRA\_S3 ,

NCRA\_S4 NCRA\_S4 ,

NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:34:30  
 \*\*MODELOPTs:  
 PAGE 4  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -250.0, 100.0, 0.0, 1.2); ( -250.0, 90.0, 0.0, 1.2);  
 ( -250.0, 80.0, 0.0, 1.2); ( -250.0, 70.0, 0.0, 1.2);  
 ( -250.0, 60.0, 0.0, 1.2); ( -250.0, 50.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound

( -250.0,	40.0,	0.0,	1.2);	( -250.0,	30.0,	0.0,	1.2);
( -250.0,	25.0,	0.0,	1.2);	( -250.0,	20.0,	0.0,	1.2);
( -250.0,	17.0,	0.0,	1.2);	( -250.0,	15.0,	0.0,	1.2);
( -250.0,	13.0,	0.0,	1.2);	( -250.0,	11.0,	0.0,	1.2);
( -250.0,	9.0,	0.0,	1.2);	( -250.0,	-9.0,	0.0,	1.2);
( -250.0,	-11.0,	0.0,	1.2);	( -250.0,	-13.0,	0.0,	1.2);
( -250.0,	-15.0,	0.0,	1.2);	( -250.0,	-17.0,	0.0,	1.2);
( -250.0,	-20.0,	0.0,	1.2);	( -250.0,	-25.0,	0.0,	1.2);
( -250.0,	-30.0,	0.0,	1.2);	( -250.0,	-40.0,	0.0,	1.2);
( -250.0,	-50.0,	0.0,	1.2);	( -250.0,	-60.0,	0.0,	1.2);
( -250.0,	-70.0,	0.0,	1.2);	( -250.0,	-80.0,	0.0,	1.2);
( -250.0,	-90.0,	0.0,	1.2);	( -250.0,	-100.0,	0.0,	1.2);
( -240.0,	100.0,	0.0,	1.2);	( -240.0,	90.0,	0.0,	1.2);
( -240.0,	80.0,	0.0,	1.2);	( -240.0,	70.0,	0.0,	1.2);
( -240.0,	60.0,	0.0,	1.2);	( -240.0,	50.0,	0.0,	1.2);
( -240.0,	40.0,	0.0,	1.2);	( -240.0,	30.0,	0.0,	1.2);
( -240.0,	25.0,	0.0,	1.2);	( -240.0,	20.0,	0.0,	1.2);
( -240.0,	17.0,	0.0,	1.2);	( -240.0,	15.0,	0.0,	1.2);
( -240.0,	13.0,	0.0,	1.2);	( -240.0,	11.0,	0.0,	1.2);
( -240.0,	9.0,	0.0,	1.2);	( -240.0,	-9.0,	0.0,	1.2);
( -240.0,	-11.0,	0.0,	1.2);	( -240.0,	-13.0,	0.0,	1.2);
( -240.0,	-15.0,	0.0,	1.2);	( -240.0,	-17.0,	0.0,	1.2);
( -240.0,	-20.0,	0.0,	1.2);	( -240.0,	-25.0,	0.0,	1.2);
( -240.0,	-30.0,	0.0,	1.2);	( -240.0,	-40.0,	0.0,	1.2);
( -240.0,	-50.0,	0.0,	1.2);	( -240.0,	-60.0,	0.0,	1.2);
( -240.0,	-70.0,	0.0,	1.2);	( -240.0,	-80.0,	0.0,	1.2);
( -240.0,	-90.0,	0.0,	1.2);	( -240.0,	-100.0,	0.0,	1.2);
( -230.0,	100.0,	0.0,	1.2);	( -230.0,	90.0,	0.0,	1.2);
( -230.0,	80.0,	0.0,	1.2);	( -230.0,	70.0,	0.0,	1.2);
( -230.0,	60.0,	0.0,	1.2);	( -230.0,	50.0,	0.0,	1.2);
( -230.0,	40.0,	0.0,	1.2);	( -230.0,	30.0,	0.0,	1.2);
( -230.0,	25.0,	0.0,	1.2);	( -230.0,	20.0,	0.0,	1.2);
( -230.0,	17.0,	0.0,	1.2);	( -230.0,	15.0,	0.0,	1.2);
( -230.0,	13.0,	0.0,	1.2);	( -230.0,	11.0,	0.0,	1.2);
( -230.0,	9.0,	0.0,	1.2);	( -230.0,	-9.0,	0.0,	1.2);
( -230.0,	-11.0,	0.0,	1.2);	( -230.0,	-13.0,	0.0,	1.2);
( -230.0,	-15.0,	0.0,	1.2);	( -230.0,	-17.0,	0.0,	1.2);
( -230.0,	-20.0,	0.0,	1.2);	( -230.0,	-25.0,	0.0,	1.2);
( -230.0,	-30.0,	0.0,	1.2);	( -230.0,	-40.0,	0.0,	1.2);
( -230.0,	-50.0,	0.0,	1.2);	( -230.0,	-60.0,	0.0,	1.2);
( -230.0,	-70.0,	0.0,	1.2);	( -230.0,	-80.0,	0.0,	1.2);
( -230.0,	-90.0,	0.0,	1.2);	( -230.0,	-100.0,	0.0,	1.2);

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -220.0, 100.0, 0.0, 1.2);	( -220.0, 90.0, 0.0, 1.2);
( -220.0, 80.0, 0.0, 1.2);	( -220.0, 70.0, 0.0, 1.2);
( -220.0, 60.0, 0.0, 1.2);	( -220.0, 50.0, 0.0, 1.2);
( -220.0, 40.0, 0.0, 1.2);	( -220.0, 30.0, 0.0, 1.2);
( -220.0, 25.0, 0.0, 1.2);	( -220.0, 20.0, 0.0, 1.2);
( -220.0, 17.0, 0.0, 1.2);	( -220.0, 15.0, 0.0, 1.2);
( -220.0, 13.0, 0.0, 1.2);	( -220.0, 11.0, 0.0, 1.2);
( -220.0, 9.0, 0.0, 1.2);	( -220.0, -9.0, 0.0, 1.2);
( -220.0, -11.0, 0.0, 1.2);	( -220.0, -13.0, 0.0, 1.2);
( -220.0, -15.0, 0.0, 1.2);	( -220.0, -17.0, 0.0, 1.2);
( -220.0, -20.0, 0.0, 1.2);	( -220.0, -25.0, 0.0, 1.2);
( -220.0, -30.0, 0.0, 1.2);	( -220.0, -40.0, 0.0, 1.2);
( -220.0, -50.0, 0.0, 1.2);	( -220.0, -60.0, 0.0, 1.2);
( -220.0, -70.0, 0.0, 1.2);	( -220.0, -80.0, 0.0, 1.2);
( -220.0, -90.0, 0.0, 1.2);	( -220.0, -100.0, 0.0, 1.2);
( -210.0, 100.0, 0.0, 1.2);	( -210.0, 90.0, 0.0, 1.2);
( -210.0, 80.0, 0.0, 1.2);	( -210.0, 70.0, 0.0, 1.2);
( -210.0, 60.0, 0.0, 1.2);	( -210.0, 50.0, 0.0, 1.2);
( -210.0, 40.0, 0.0, 1.2);	( -210.0, 30.0, 0.0, 1.2);
( -210.0, 25.0, 0.0, 1.2);	( -210.0, 20.0, 0.0, 1.2);
( -210.0, 17.0, 0.0, 1.2);	( -210.0, 15.0, 0.0, 1.2);
( -210.0, 13.0, 0.0, 1.2);	( -210.0, 11.0, 0.0, 1.2);
( -210.0, 9.0, 0.0, 1.2);	( -210.0, -9.0, 0.0, 1.2);
( -210.0, -11.0, 0.0, 1.2);	( -210.0, -13.0, 0.0, 1.2);
( -210.0, -15.0, 0.0, 1.2);	( -210.0, -17.0, 0.0, 1.2);
( -210.0, -20.0, 0.0, 1.2);	( -210.0, -25.0, 0.0, 1.2);
( -210.0, -30.0, 0.0, 1.2);	( -210.0, -40.0, 0.0, 1.2);
( -210.0, -50.0, 0.0, 1.2);	( -210.0, -60.0, 0.0, 1.2);
( -210.0, -70.0, 0.0, 1.2);	( -210.0, -80.0, 0.0, 1.2);
( -210.0, -90.0, 0.0, 1.2);	( -210.0, -100.0, 0.0, 1.2);
( -200.0, 100.0, 0.0, 1.2);	( -200.0, 90.0, 0.0, 1.2);
( -200.0, 80.0, 0.0, 1.2);	( -200.0, 70.0, 0.0, 1.2);
( -200.0, 60.0, 0.0, 1.2);	( -200.0, 50.0, 0.0, 1.2);
( -200.0, 40.0, 0.0, 1.2);	( -200.0, 30.0, 0.0, 1.2);
( -200.0, 25.0, 0.0, 1.2);	( -200.0, 20.0, 0.0, 1.2);
( -200.0, 17.0, 0.0, 1.2);	( -200.0, 15.0, 0.0, 1.2);
( -200.0, 13.0, 0.0, 1.2);	( -200.0, 11.0, 0.0, 1.2);
( -200.0, 9.0, 0.0, 1.2);	( -200.0, -9.0, 0.0, 1.2);
( -200.0, -11.0, 0.0, 1.2);	( -200.0, -13.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

```
( -200.0, -15.0, 0.0, 1.2); ( -200.0, -17.0, 0.0, 1.2);
( -200.0, -20.0, 0.0, 1.2); ( -200.0, -25.0, 0.0, 1.2);
( -200.0, -30.0, 0.0, 1.2); ( -200.0, -40.0, 0.0, 1.2);
( -200.0, -50.0, 0.0, 1.2); ( -200.0, -60.0, 0.0, 1.2);
( -200.0, -70.0, 0.0, 1.2); ( -200.0, -80.0, 0.0, 1.2);
( -200.0, -90.0, 0.0, 1.2); ( -200.0, -100.0, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 6

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

```
( -190.0, 100.0, 0.0, 1.2); ( -190.0, 90.0, 0.0, 1.2);
( -190.0, 80.0, 0.0, 1.2); ( -190.0, 70.0, 0.0, 1.2);
( -190.0, 60.0, 0.0, 1.2); ( -190.0, 50.0, 0.0, 1.2);
( -190.0, 40.0, 0.0, 1.2); ( -190.0, 30.0, 0.0, 1.2);
( -190.0, 25.0, 0.0, 1.2); ( -190.0, 20.0, 0.0, 1.2);
( -190.0, 17.0, 0.0, 1.2); ( -190.0, 15.0, 0.0, 1.2);
( -190.0, 13.0, 0.0, 1.2); ( -190.0, 11.0, 0.0, 1.2);
( -190.0, 9.0, 0.0, 1.2); ( -190.0, -9.0, 0.0, 1.2);
( -190.0, -11.0, 0.0, 1.2); ( -190.0, -13.0, 0.0, 1.2);
( -190.0, -15.0, 0.0, 1.2); ( -190.0, -17.0, 0.0, 1.2);
( -190.0, -20.0, 0.0, 1.2); ( -190.0, -25.0, 0.0, 1.2);
( -190.0, -30.0, 0.0, 1.2); ( -190.0, -40.0, 0.0, 1.2);
( -190.0, -50.0, 0.0, 1.2); ( -190.0, -60.0, 0.0, 1.2);
( -190.0, -70.0, 0.0, 1.2); ( -190.0, -80.0, 0.0, 1.2);
( -190.0, -90.0, 0.0, 1.2); ( -190.0, -100.0, 0.0, 1.2);
( -180.0, 100.0, 0.0, 1.2); ( -180.0, 90.0, 0.0, 1.2);
( -180.0, 80.0, 0.0, 1.2); ( -180.0, 70.0, 0.0, 1.2);
( -180.0, 60.0, 0.0, 1.2); ( -180.0, 50.0, 0.0, 1.2);
( -180.0, 40.0, 0.0, 1.2); ( -180.0, 30.0, 0.0, 1.2);
( -180.0, 25.0, 0.0, 1.2); ( -180.0, 20.0, 0.0, 1.2);
( -180.0, 17.0, 0.0, 1.2); ( -180.0, 15.0, 0.0, 1.2);
( -180.0, 13.0, 0.0, 1.2); ( -180.0, 11.0, 0.0, 1.2);
( -180.0, 9.0, 0.0, 1.2); ( -180.0, -9.0, 0.0, 1.2);
( -180.0, -11.0, 0.0, 1.2); ( -180.0, -13.0, 0.0, 1.2);
( -180.0, -15.0, 0.0, 1.2); ( -180.0, -17.0, 0.0, 1.2);
( -180.0, -20.0, 0.0, 1.2); ( -180.0, -25.0, 0.0, 1.2);
( -180.0, -30.0, 0.0, 1.2); ( -180.0, -40.0, 0.0, 1.2);
( -180.0, -50.0, 0.0, 1.2); ( -180.0, -60.0, 0.0, 1.2);
( -180.0, -70.0, 0.0, 1.2); ( -180.0, -80.0, 0.0, 1.2);
( -180.0, -90.0, 0.0, 1.2); ( -180.0, -100.0, 0.0, 1.2);
( -170.0, 100.0, 0.0, 1.2); ( -170.0, 90.0, 0.0, 1.2);
```

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound

( -170.0,	80.0,	0.0,	1.2);	( -170.0,	70.0,	0.0,	1.2);
( -170.0,	60.0,	0.0,	1.2);	( -170.0,	50.0,	0.0,	1.2);
( -170.0,	40.0,	0.0,	1.2);	( -170.0,	30.0,	0.0,	1.2);
( -170.0,	25.0,	0.0,	1.2);	( -170.0,	20.0,	0.0,	1.2);
( -170.0,	17.0,	0.0,	1.2);	( -170.0,	15.0,	0.0,	1.2);
( -170.0,	13.0,	0.0,	1.2);	( -170.0,	11.0,	0.0,	1.2);
( -170.0,	9.0,	0.0,	1.2);	( -170.0,	-9.0,	0.0,	1.2);
( -170.0,	-11.0,	0.0,	1.2);	( -170.0,	-13.0,	0.0,	1.2);
( -170.0,	-15.0,	0.0,	1.2);	( -170.0,	-17.0,	0.0,	1.2);
( -170.0,	-20.0,	0.0,	1.2);	( -170.0,	-25.0,	0.0,	1.2);
( -170.0,	-30.0,	0.0,	1.2);	( -170.0,	-40.0,	0.0,	1.2);
( -170.0,	-50.0,	0.0,	1.2);	( -170.0,	-60.0,	0.0,	1.2);
( -170.0,	-70.0,	0.0,	1.2);	( -170.0,	-80.0,	0.0,	1.2);
( -170.0,	-90.0,	0.0,	1.2);	( -170.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -160.0,	100.0,	0.0,	1.2);	( -160.0,	90.0,	0.0,	1.2);
( -160.0,	80.0,	0.0,	1.2);	( -160.0,	70.0,	0.0,	1.2);
( -160.0,	60.0,	0.0,	1.2);	( -160.0,	50.0,	0.0,	1.2);
( -160.0,	40.0,	0.0,	1.2);	( -160.0,	30.0,	0.0,	1.2);
( -160.0,	25.0,	0.0,	1.2);	( -160.0,	20.0,	0.0,	1.2);
( -160.0,	17.0,	0.0,	1.2);	( -160.0,	15.0,	0.0,	1.2);
( -160.0,	13.0,	0.0,	1.2);	( -160.0,	11.0,	0.0,	1.2);
( -160.0,	9.0,	0.0,	1.2);	( -160.0,	-9.0,	0.0,	1.2);
( -160.0,	-11.0,	0.0,	1.2);	( -160.0,	-13.0,	0.0,	1.2);
( -160.0,	-15.0,	0.0,	1.2);	( -160.0,	-17.0,	0.0,	1.2);
( -160.0,	-20.0,	0.0,	1.2);	( -160.0,	-25.0,	0.0,	1.2);
( -160.0,	-30.0,	0.0,	1.2);	( -160.0,	-40.0,	0.0,	1.2);
( -160.0,	-50.0,	0.0,	1.2);	( -160.0,	-60.0,	0.0,	1.2);
( -160.0,	-70.0,	0.0,	1.2);	( -160.0,	-80.0,	0.0,	1.2);
( -160.0,	-90.0,	0.0,	1.2);	( -160.0,	-100.0,	0.0,	1.2);
( -150.0,	100.0,	0.0,	1.2);	( -150.0,	90.0,	0.0,	1.2);
( -150.0,	80.0,	0.0,	1.2);	( -150.0,	70.0,	0.0,	1.2);
( -150.0,	60.0,	0.0,	1.2);	( -150.0,	50.0,	0.0,	1.2);
( -150.0,	40.0,	0.0,	1.2);	( -150.0,	30.0,	0.0,	1.2);
( -150.0,	25.0,	0.0,	1.2);	( -150.0,	20.0,	0.0,	1.2);
( -150.0,	17.0,	0.0,	1.2);	( -150.0,	15.0,	0.0,	1.2);
( -150.0,	13.0,	0.0,	1.2);	( -150.0,	11.0,	0.0,	1.2);
( -150.0,	9.0,	0.0,	1.2);	( -150.0,	-9.0,	0.0,	1.2);



07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound

( -150.0,	-11.0,	0.0,	1.2);	( -150.0,	-13.0,	0.0,	1.2);
( -150.0,	-15.0,	0.0,	1.2);	( -150.0,	-17.0,	0.0,	1.2);
( -150.0,	-20.0,	0.0,	1.2);	( -150.0,	-25.0,	0.0,	1.2);
( -150.0,	-30.0,	0.0,	1.2);	( -150.0,	-40.0,	0.0,	1.2);
( -150.0,	-50.0,	0.0,	1.2);	( -150.0,	-60.0,	0.0,	1.2);
( -150.0,	-70.0,	0.0,	1.2);	( -150.0,	-80.0,	0.0,	1.2);
( -150.0,	-90.0,	0.0,	1.2);	( -150.0,	-100.0,	0.0,	1.2);
( -140.0,	100.0,	0.0,	1.2);	( -140.0,	90.0,	0.0,	1.2);
( -140.0,	80.0,	0.0,	1.2);	( -140.0,	70.0,	0.0,	1.2);
( -140.0,	60.0,	0.0,	1.2);	( -140.0,	50.0,	0.0,	1.2);
( -140.0,	40.0,	0.0,	1.2);	( -140.0,	30.0,	0.0,	1.2);
( -140.0,	25.0,	0.0,	1.2);	( -140.0,	20.0,	0.0,	1.2);
( -140.0,	17.0,	0.0,	1.2);	( -140.0,	15.0,	0.0,	1.2);
( -140.0,	13.0,	0.0,	1.2);	( -140.0,	11.0,	0.0,	1.2);
( -140.0,	9.0,	0.0,	1.2);	( -140.0,	-9.0,	0.0,	1.2);
( -140.0,	-11.0,	0.0,	1.2);	( -140.0,	-13.0,	0.0,	1.2);
( -140.0,	-15.0,	0.0,	1.2);	( -140.0,	-17.0,	0.0,	1.2);
( -140.0,	-20.0,	0.0,	1.2);	( -140.0,	-25.0,	0.0,	1.2);
( -140.0,	-30.0,	0.0,	1.2);	( -140.0,	-40.0,	0.0,	1.2);
( -140.0,	-50.0,	0.0,	1.2);	( -140.0,	-60.0,	0.0,	1.2);
( -140.0,	-70.0,	0.0,	1.2);	( -140.0,	-80.0,	0.0,	1.2);
( -140.0,	-90.0,	0.0,	1.2);	( -140.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -130.0,	100.0,	0.0,	1.2);	( -130.0,	90.0,	0.0,	1.2);
( -130.0,	80.0,	0.0,	1.2);	( -130.0,	70.0,	0.0,	1.2);
( -130.0,	60.0,	0.0,	1.2);	( -130.0,	50.0,	0.0,	1.2);
( -130.0,	40.0,	0.0,	1.2);	( -130.0,	30.0,	0.0,	1.2);
( -130.0,	25.0,	0.0,	1.2);	( -130.0,	20.0,	0.0,	1.2);
( -130.0,	17.0,	0.0,	1.2);	( -130.0,	15.0,	0.0,	1.2);
( -130.0,	13.0,	0.0,	1.2);	( -130.0,	11.0,	0.0,	1.2);
( -130.0,	9.0,	0.0,	1.2);	( -130.0,	-9.0,	0.0,	1.2);
( -130.0,	-11.0,	0.0,	1.2);	( -130.0,	-13.0,	0.0,	1.2);
( -130.0,	-15.0,	0.0,	1.2);	( -130.0,	-17.0,	0.0,	1.2);
( -130.0,	-20.0,	0.0,	1.2);	( -130.0,	-25.0,	0.0,	1.2);
( -130.0,	-30.0,	0.0,	1.2);	( -130.0,	-40.0,	0.0,	1.2);
( -130.0,	-50.0,	0.0,	1.2);	( -130.0,	-60.0,	0.0,	1.2);
( -130.0,	-70.0,	0.0,	1.2);	( -130.0,	-80.0,	0.0,	1.2);
( -130.0,	-90.0,	0.0,	1.2);	( -130.0,	-100.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound

( -120.0,	100.0,	0.0,	1.2);	( -120.0,	90.0,	0.0,	1.2);
( -120.0,	80.0,	0.0,	1.2);	( -120.0,	70.0,	0.0,	1.2);
( -120.0,	60.0,	0.0,	1.2);	( -120.0,	50.0,	0.0,	1.2);
( -120.0,	40.0,	0.0,	1.2);	( -120.0,	30.0,	0.0,	1.2);
( -120.0,	25.0,	0.0,	1.2);	( -120.0,	20.0,	0.0,	1.2);
( -120.0,	17.0,	0.0,	1.2);	( -120.0,	15.0,	0.0,	1.2);
( -120.0,	13.0,	0.0,	1.2);	( -120.0,	11.0,	0.0,	1.2);
( -120.0,	9.0,	0.0,	1.2);	( -120.0,	-9.0,	0.0,	1.2);
( -120.0,	-11.0,	0.0,	1.2);	( -120.0,	-13.0,	0.0,	1.2);
( -120.0,	-15.0,	0.0,	1.2);	( -120.0,	-17.0,	0.0,	1.2);
( -120.0,	-20.0,	0.0,	1.2);	( -120.0,	-25.0,	0.0,	1.2);
( -120.0,	-30.0,	0.0,	1.2);	( -120.0,	-40.0,	0.0,	1.2);
( -120.0,	-50.0,	0.0,	1.2);	( -120.0,	-60.0,	0.0,	1.2);
( -120.0,	-70.0,	0.0,	1.2);	( -120.0,	-80.0,	0.0,	1.2);
( -120.0,	-90.0,	0.0,	1.2);	( -120.0,	-100.0,	0.0,	1.2);
( -110.0,	100.0,	0.0,	1.2);	( -110.0,	90.0,	0.0,	1.2);
( -110.0,	80.0,	0.0,	1.2);	( -110.0,	70.0,	0.0,	1.2);
( -110.0,	60.0,	0.0,	1.2);	( -110.0,	50.0,	0.0,	1.2);
( -110.0,	40.0,	0.0,	1.2);	( -110.0,	30.0,	0.0,	1.2);
( -110.0,	25.0,	0.0,	1.2);	( -110.0,	20.0,	0.0,	1.2);
( -110.0,	17.0,	0.0,	1.2);	( -110.0,	15.0,	0.0,	1.2);
( -110.0,	13.0,	0.0,	1.2);	( -110.0,	11.0,	0.0,	1.2);
( -110.0,	9.0,	0.0,	1.2);	( -110.0,	-9.0,	0.0,	1.2);
( -110.0,	-11.0,	0.0,	1.2);	( -110.0,	-13.0,	0.0,	1.2);
( -110.0,	-15.0,	0.0,	1.2);	( -110.0,	-17.0,	0.0,	1.2);
( -110.0,	-20.0,	0.0,	1.2);	( -110.0,	-25.0,	0.0,	1.2);
( -110.0,	-30.0,	0.0,	1.2);	( -110.0,	-40.0,	0.0,	1.2);
( -110.0,	-50.0,	0.0,	1.2);	( -110.0,	-60.0,	0.0,	1.2);
( -110.0,	-70.0,	0.0,	1.2);	( -110.0,	-80.0,	0.0,	1.2);
( -110.0,	-90.0,	0.0,	1.2);	( -110.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0,	100.0,	0.0,	1.2);	( -100.0,	90.0,	0.0,	1.2);
( -100.0,	80.0,	0.0,	1.2);	( -100.0,	70.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -100.0,	50.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -100.0,	30.0,	0.0,	1.2);
( -100.0,	25.0,	0.0,	1.2);	( -100.0,	20.0,	0.0,	1.2);
( -100.0,	17.0,	0.0,	1.2);	( -100.0,	15.0,	0.0,	1.2);
( -100.0,	13.0,	0.0,	1.2);	( -100.0,	11.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( -100.0,	9.0,	0.0,	1.2);	( -100.0,	-9.0,	0.0,	1.2);
( -100.0,	-11.0,	0.0,	1.2);	( -100.0,	-13.0,	0.0,	1.2);
( -100.0,	-15.0,	0.0,	1.2);	( -100.0,	-17.0,	0.0,	1.2);
( -100.0,	-20.0,	0.0,	1.2);	( -100.0,	-25.0,	0.0,	1.2);
( -100.0,	-30.0,	0.0,	1.2);	( -100.0,	-40.0,	0.0,	1.2);
( -100.0,	-50.0,	0.0,	1.2);	( -100.0,	-60.0,	0.0,	1.2);
( -100.0,	-70.0,	0.0,	1.2);	( -100.0,	-80.0,	0.0,	1.2);
( -100.0,	-90.0,	0.0,	1.2);	( -100.0,	-100.0,	0.0,	1.2);
( -90.0,	100.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -90.0,	80.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -90.0,	60.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -90.0,	40.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -90.0,	25.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -90.0,	17.0,	0.0,	1.2);	( -90.0,	15.0,	0.0,	1.2);
( -90.0,	13.0,	0.0,	1.2);	( -90.0,	11.0,	0.0,	1.2);
( -90.0,	9.0,	0.0,	1.2);	( -90.0,	-9.0,	0.0,	1.2);
( -90.0,	-11.0,	0.0,	1.2);	( -90.0,	-13.0,	0.0,	1.2);
( -90.0,	-15.0,	0.0,	1.2);	( -90.0,	-17.0,	0.0,	1.2);
( -90.0,	-20.0,	0.0,	1.2);	( -90.0,	-25.0,	0.0,	1.2);
( -90.0,	-30.0,	0.0,	1.2);	( -90.0,	-40.0,	0.0,	1.2);
( -90.0,	-50.0,	0.0,	1.2);	( -90.0,	-60.0,	0.0,	1.2);
( -90.0,	-70.0,	0.0,	1.2);	( -90.0,	-80.0,	0.0,	1.2);
( -90.0,	-90.0,	0.0,	1.2);	( -90.0,	-100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -80.0,	90.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -80.0,	70.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -80.0,	50.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -80.0,	30.0,	0.0,	1.2);
( -80.0,	25.0,	0.0,	1.2);	( -80.0,	20.0,	0.0,	1.2);
( -80.0,	17.0,	0.0,	1.2);	( -80.0,	15.0,	0.0,	1.2);
( -80.0,	13.0,	0.0,	1.2);	( -80.0,	11.0,	0.0,	1.2);
( -80.0,	9.0,	0.0,	1.2);	( -80.0,	-9.0,	0.0,	1.2);
( -80.0,	-11.0,	0.0,	1.2);	( -80.0,	-13.0,	0.0,	1.2);
( -80.0,	-15.0,	0.0,	1.2);	( -80.0,	-17.0,	0.0,	1.2);
( -80.0,	-20.0,	0.0,	1.2);	( -80.0,	-25.0,	0.0,	1.2);
( -80.0,	-30.0,	0.0,	1.2);	( -80.0,	-40.0,	0.0,	1.2);
( -80.0,	-50.0,	0.0,	1.2);	( -80.0,	-60.0,	0.0,	1.2);
( -80.0,	-70.0,	0.0,	1.2);	( -80.0,	-80.0,	0.0,	1.2);
( -80.0,	-90.0,	0.0,	1.2);	( -80.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

( -70.0, 100.0, 0.0, 1.2);	( -70.0, 90.0, 0.0, 1.2);
( -70.0, 80.0, 0.0, 1.2);	( -70.0, 70.0, 0.0, 1.2);
( -70.0, 60.0, 0.0, 1.2);	( -70.0, 50.0, 0.0, 1.2);
( -70.0, 40.0, 0.0, 1.2);	( -70.0, 30.0, 0.0, 1.2);
( -70.0, 25.0, 0.0, 1.2);	( -70.0, 20.0, 0.0, 1.2);
( -70.0, 17.0, 0.0, 1.2);	( -70.0, 15.0, 0.0, 1.2);
( -70.0, 13.0, 0.0, 1.2);	( -70.0, 11.0, 0.0, 1.2);
( -70.0, 9.0, 0.0, 1.2);	( -70.0, -9.0, 0.0, 1.2);
( -70.0, -11.0, 0.0, 1.2);	( -70.0, -13.0, 0.0, 1.2);
( -70.0, -15.0, 0.0, 1.2);	( -70.0, -17.0, 0.0, 1.2);
( -70.0, -20.0, 0.0, 1.2);	( -70.0, -25.0, 0.0, 1.2);
( -70.0, -30.0, 0.0, 1.2);	( -70.0, -40.0, 0.0, 1.2);
( -70.0, -50.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -70.0, -70.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -70.0, -90.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, 100.0, 0.0, 1.2);	( -60.0, 90.0, 0.0, 1.2);
( -60.0, 80.0, 0.0, 1.2);	( -60.0, 70.0, 0.0, 1.2);
( -60.0, 60.0, 0.0, 1.2);	( -60.0, 50.0, 0.0, 1.2);
( -60.0, 40.0, 0.0, 1.2);	( -60.0, 30.0, 0.0, 1.2);
( -60.0, 25.0, 0.0, 1.2);	( -60.0, 20.0, 0.0, 1.2);
( -60.0, 17.0, 0.0, 1.2);	( -60.0, 15.0, 0.0, 1.2);
( -60.0, 13.0, 0.0, 1.2);	( -60.0, 11.0, 0.0, 1.2);
( -60.0, 9.0, 0.0, 1.2);	( -60.0, -9.0, 0.0, 1.2);
( -60.0, -11.0, 0.0, 1.2);	( -60.0, -13.0, 0.0, 1.2);
( -60.0, -15.0, 0.0, 1.2);	( -60.0, -17.0, 0.0, 1.2);
( -60.0, -20.0, 0.0, 1.2);	( -60.0, -25.0, 0.0, 1.2);
( -60.0, -30.0, 0.0, 1.2);	( -60.0, -40.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -60.0, -60.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -60.0, -80.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -60.0, -100.0, 0.0, 1.2);
( -50.0, 100.0, 0.0, 1.2);	( -50.0, 90.0, 0.0, 1.2);
( -50.0, 80.0, 0.0, 1.2);	( -50.0, 70.0, 0.0, 1.2);
( -50.0, 60.0, 0.0, 1.2);	( -50.0, 50.0, 0.0, 1.2);
( -50.0, 40.0, 0.0, 1.2);	( -50.0, 30.0, 0.0, 1.2);
( -50.0, 25.0, 0.0, 1.2);	( -50.0, 20.0, 0.0, 1.2);
( -50.0, 17.0, 0.0, 1.2);	( -50.0, 15.0, 0.0, 1.2);
( -50.0, 13.0, 0.0, 1.2);	( -50.0, 11.0, 0.0, 1.2);
( -50.0, 9.0, 0.0, 1.2);	( -50.0, -9.0, 0.0, 1.2);
( -50.0, -11.0, 0.0, 1.2);	( -50.0, -13.0, 0.0, 1.2);
( -50.0, -15.0, 0.0, 1.2);	( -50.0, -17.0, 0.0, 1.2);
( -50.0, -20.0, 0.0, 1.2);	( -50.0, -25.0, 0.0, 1.2);
( -50.0, -30.0, 0.0, 1.2);	( -50.0, -40.0, 0.0, 1.2);
( -50.0, -50.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( -50.0, -70.0, 0.0, 1.2); ( -50.0, -80.0, 0.0, 1.2);  
( -50.0, -90.0, 0.0, 1.2); ( -50.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -40.0, 100.0, 0.0, 1.2); ( -40.0, 90.0, 0.0, 1.2);  
( -40.0, 80.0, 0.0, 1.2); ( -40.0, 70.0, 0.0, 1.2);  
( -40.0, 60.0, 0.0, 1.2); ( -40.0, 50.0, 0.0, 1.2);  
( -40.0, 40.0, 0.0, 1.2); ( -40.0, 30.0, 0.0, 1.2);  
( -40.0, 25.0, 0.0, 1.2); ( -40.0, 20.0, 0.0, 1.2);  
( -40.0, 17.0, 0.0, 1.2); ( -40.0, 15.0, 0.0, 1.2);  
( -40.0, 13.0, 0.0, 1.2); ( -40.0, 11.0, 0.0, 1.2);  
( -40.0, 9.0, 0.0, 1.2); ( -40.0, -9.0, 0.0, 1.2);  
( -40.0, -11.0, 0.0, 1.2); ( -40.0, -13.0, 0.0, 1.2);  
( -40.0, -15.0, 0.0, 1.2); ( -40.0, -17.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -40.0, -25.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -40.0, -40.0, 0.0, 1.2);  
( -40.0, -50.0, 0.0, 1.2); ( -40.0, -60.0, 0.0, 1.2);  
( -40.0, -70.0, 0.0, 1.2); ( -40.0, -80.0, 0.0, 1.2);  
( -40.0, -90.0, 0.0, 1.2); ( -40.0, -100.0, 0.0, 1.2);  
( -30.0, 100.0, 0.0, 1.2); ( -30.0, 90.0, 0.0, 1.2);  
( -30.0, 80.0, 0.0, 1.2); ( -30.0, 70.0, 0.0, 1.2);  
( -30.0, 60.0, 0.0, 1.2); ( -30.0, 50.0, 0.0, 1.2);  
( -30.0, 40.0, 0.0, 1.2); ( -30.0, 30.0, 0.0, 1.2);  
( -30.0, 25.0, 0.0, 1.2); ( -30.0, 20.0, 0.0, 1.2);  
( -30.0, 17.0, 0.0, 1.2); ( -30.0, 15.0, 0.0, 1.2);  
( -30.0, 13.0, 0.0, 1.2); ( -30.0, 11.0, 0.0, 1.2);  
( -30.0, 9.0, 0.0, 1.2); ( -30.0, -9.0, 0.0, 1.2);  
( -30.0, -11.0, 0.0, 1.2); ( -30.0, -13.0, 0.0, 1.2);  
( -30.0, -15.0, 0.0, 1.2); ( -30.0, -17.0, 0.0, 1.2);  
( -30.0, -20.0, 0.0, 1.2); ( -30.0, -25.0, 0.0, 1.2);  
( -30.0, -30.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -30.0, -50.0, 0.0, 1.2); ( -30.0, -60.0, 0.0, 1.2);  
( -30.0, -70.0, 0.0, 1.2); ( -30.0, -80.0, 0.0, 1.2);  
( -30.0, -90.0, 0.0, 1.2); ( -30.0, -100.0, 0.0, 1.2);  
( -20.0, 100.0, 0.0, 1.2); ( -20.0, 90.0, 0.0, 1.2);  
( -20.0, 80.0, 0.0, 1.2); ( -20.0, 70.0, 0.0, 1.2);  
( -20.0, 60.0, 0.0, 1.2); ( -20.0, 50.0, 0.0, 1.2);  
( -20.0, 40.0, 0.0, 1.2); ( -20.0, 30.0, 0.0, 1.2);  
( -20.0, 25.0, 0.0, 1.2); ( -20.0, 20.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( -20.0,	17.0,	0.0,	1.2);	( -20.0,	15.0,	0.0,	1.2);
( -20.0,	13.0,	0.0,	1.2);	( -20.0,	11.0,	0.0,	1.2);
( -20.0,	9.0,	0.0,	1.2);	( -20.0,	-9.0,	0.0,	1.2);
( -20.0,	-11.0,	0.0,	1.2);	( -20.0,	-13.0,	0.0,	1.2);
( -20.0,	-15.0,	0.0,	1.2);	( -20.0,	-17.0,	0.0,	1.2);
( -20.0,	-20.0,	0.0,	1.2);	( -20.0,	-25.0,	0.0,	1.2);
( -20.0,	-30.0,	0.0,	1.2);	( -20.0,	-40.0,	0.0,	1.2);
( -20.0,	-50.0,	0.0,	1.2);	( -20.0,	-60.0,	0.0,	1.2);
( -20.0,	-70.0,	0.0,	1.2);	( -20.0,	-80.0,	0.0,	1.2);
( -20.0,	-90.0,	0.0,	1.2);	( -20.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -10.0,	100.0,	0.0,	1.2);	( -10.0,	90.0,	0.0,	1.2);
( -10.0,	80.0,	0.0,	1.2);	( -10.0,	70.0,	0.0,	1.2);
( -10.0,	60.0,	0.0,	1.2);	( -10.0,	50.0,	0.0,	1.2);
( -10.0,	40.0,	0.0,	1.2);	( -10.0,	30.0,	0.0,	1.2);
( -10.0,	25.0,	0.0,	1.2);	( -10.0,	20.0,	0.0,	1.2);
( -10.0,	17.0,	0.0,	1.2);	( -10.0,	15.0,	0.0,	1.2);
( -10.0,	13.0,	0.0,	1.2);	( -10.0,	11.0,	0.0,	1.2);
( -10.0,	9.0,	0.0,	1.2);	( -10.0,	-9.0,	0.0,	1.2);
( -10.0,	-11.0,	0.0,	1.2);	( -10.0,	-13.0,	0.0,	1.2);
( -10.0,	-15.0,	0.0,	1.2);	( -10.0,	-17.0,	0.0,	1.2);
( -10.0,	-20.0,	0.0,	1.2);	( -10.0,	-25.0,	0.0,	1.2);
( -10.0,	-30.0,	0.0,	1.2);	( -10.0,	-40.0,	0.0,	1.2);
( -10.0,	-50.0,	0.0,	1.2);	( -10.0,	-60.0,	0.0,	1.2);
( -10.0,	-70.0,	0.0,	1.2);	( -10.0,	-80.0,	0.0,	1.2);
( -10.0,	-90.0,	0.0,	1.2);	( -10.0,	-100.0,	0.0,	1.2);
( 0.0,	100.0,	0.0,	1.2);	( 0.0,	90.0,	0.0,	1.2);
( 0.0,	80.0,	0.0,	1.2);	( 0.0,	70.0,	0.0,	1.2);
( 0.0,	60.0,	0.0,	1.2);	( 0.0,	50.0,	0.0,	1.2);
( 0.0,	40.0,	0.0,	1.2);	( 0.0,	30.0,	0.0,	1.2);
( 0.0,	25.0,	0.0,	1.2);	( 0.0,	20.0,	0.0,	1.2);
( 0.0,	17.0,	0.0,	1.2);	( 0.0,	15.0,	0.0,	1.2);
( 0.0,	13.0,	0.0,	1.2);	( 0.0,	11.0,	0.0,	1.2);
( 0.0,	9.0,	0.0,	1.2);	( 0.0,	-9.0,	0.0,	1.2);
( 0.0,	-11.0,	0.0,	1.2);	( 0.0,	-13.0,	0.0,	1.2);
( 0.0,	-15.0,	0.0,	1.2);	( 0.0,	-17.0,	0.0,	1.2);
( 0.0,	-20.0,	0.0,	1.2);	( 0.0,	-25.0,	0.0,	1.2);
( 0.0,	-30.0,	0.0,	1.2);	( 0.0,	-40.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 0.0, -50.0, 0.0, 1.2);	( 0.0, -60.0, 0.0, 1.2);
( 0.0, -70.0, 0.0, 1.2);	( 0.0, -80.0, 0.0, 1.2);
( 0.0, -90.0, 0.0, 1.2);	( 0.0, -100.0, 0.0, 1.2);
( 10.0, 100.0, 0.0, 1.2);	( 10.0, 90.0, 0.0, 1.2);
( 10.0, 80.0, 0.0, 1.2);	( 10.0, 70.0, 0.0, 1.2);
( 10.0, 60.0, 0.0, 1.2);	( 10.0, 50.0, 0.0, 1.2);
( 10.0, 40.0, 0.0, 1.2);	( 10.0, 30.0, 0.0, 1.2);
( 10.0, 25.0, 0.0, 1.2);	( 10.0, 20.0, 0.0, 1.2);
( 10.0, 17.0, 0.0, 1.2);	( 10.0, 15.0, 0.0, 1.2);
( 10.0, 13.0, 0.0, 1.2);	( 10.0, 11.0, 0.0, 1.2);
( 10.0, 9.0, 0.0, 1.2);	( 10.0, -9.0, 0.0, 1.2);
( 10.0, -11.0, 0.0, 1.2);	( 10.0, -13.0, 0.0, 1.2);
( 10.0, -15.0, 0.0, 1.2);	( 10.0, -17.0, 0.0, 1.2);
( 10.0, -20.0, 0.0, 1.2);	( 10.0, -25.0, 0.0, 1.2);
( 10.0, -30.0, 0.0, 1.2);	( 10.0, -40.0, 0.0, 1.2);
( 10.0, -50.0, 0.0, 1.2);	( 10.0, -60.0, 0.0, 1.2);
( 10.0, -70.0, 0.0, 1.2);	( 10.0, -80.0, 0.0, 1.2);
( 10.0, -90.0, 0.0, 1.2);	( 10.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 20.0, 100.0, 0.0, 1.2);	( 20.0, 90.0, 0.0, 1.2);
( 20.0, 80.0, 0.0, 1.2);	( 20.0, 70.0, 0.0, 1.2);
( 20.0, 60.0, 0.0, 1.2);	( 20.0, 50.0, 0.0, 1.2);
( 20.0, 40.0, 0.0, 1.2);	( 20.0, 30.0, 0.0, 1.2);
( 20.0, 25.0, 0.0, 1.2);	( 20.0, 20.0, 0.0, 1.2);
( 20.0, 17.0, 0.0, 1.2);	( 20.0, 15.0, 0.0, 1.2);
( 20.0, 13.0, 0.0, 1.2);	( 20.0, 11.0, 0.0, 1.2);
( 20.0, 9.0, 0.0, 1.2);	( 20.0, -9.0, 0.0, 1.2);
( 20.0, -11.0, 0.0, 1.2);	( 20.0, -13.0, 0.0, 1.2);
( 20.0, -15.0, 0.0, 1.2);	( 20.0, -17.0, 0.0, 1.2);
( 20.0, -20.0, 0.0, 1.2);	( 20.0, -25.0, 0.0, 1.2);
( 20.0, -30.0, 0.0, 1.2);	( 20.0, -40.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 20.0, -60.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 20.0, -80.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 20.0, -100.0, 0.0, 1.2);
( 30.0, 100.0, 0.0, 1.2);	( 30.0, 90.0, 0.0, 1.2);
( 30.0, 80.0, 0.0, 1.2);	( 30.0, 70.0, 0.0, 1.2);
( 30.0, 60.0, 0.0, 1.2);	( 30.0, 50.0, 0.0, 1.2);
( 30.0, 40.0, 0.0, 1.2);	( 30.0, 30.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);
( 30.0, 17.0, 0.0, 1.2);	( 30.0, 15.0, 0.0, 1.2);
( 30.0, 13.0, 0.0, 1.2);	( 30.0, 11.0, 0.0, 1.2);
( 30.0, 9.0, 0.0, 1.2);	( 30.0, -9.0, 0.0, 1.2);
( 30.0, -11.0, 0.0, 1.2);	( 30.0, -13.0, 0.0, 1.2);
( 30.0, -15.0, 0.0, 1.2);	( 30.0, -17.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2);	( 30.0, -25.0, 0.0, 1.2);
( 30.0, -30.0, 0.0, 1.2);	( 30.0, -40.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 30.0, -60.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 30.0, -80.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 30.0, -100.0, 0.0, 1.2);
( 40.0, 100.0, 0.0, 1.2);	( 40.0, 90.0, 0.0, 1.2);
( 40.0, 80.0, 0.0, 1.2);	( 40.0, 70.0, 0.0, 1.2);
( 40.0, 60.0, 0.0, 1.2);	( 40.0, 50.0, 0.0, 1.2);
( 40.0, 40.0, 0.0, 1.2);	( 40.0, 30.0, 0.0, 1.2);
( 40.0, 25.0, 0.0, 1.2);	( 40.0, 20.0, 0.0, 1.2);
( 40.0, 17.0, 0.0, 1.2);	( 40.0, 15.0, 0.0, 1.2);
( 40.0, 13.0, 0.0, 1.2);	( 40.0, 11.0, 0.0, 1.2);
( 40.0, 9.0, 0.0, 1.2);	( 40.0, -9.0, 0.0, 1.2);
( 40.0, -11.0, 0.0, 1.2);	( 40.0, -13.0, 0.0, 1.2);
( 40.0, -15.0, 0.0, 1.2);	( 40.0, -17.0, 0.0, 1.2);
( 40.0, -20.0, 0.0, 1.2);	( 40.0, -25.0, 0.0, 1.2);
( 40.0, -30.0, 0.0, 1.2);	( 40.0, -40.0, 0.0, 1.2);
( 40.0, -50.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 40.0, -70.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 40.0, -90.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 50.0, 100.0, 0.0, 1.2);	( 50.0, 90.0, 0.0, 1.2);
( 50.0, 80.0, 0.0, 1.2);	( 50.0, 70.0, 0.0, 1.2);
( 50.0, 60.0, 0.0, 1.2);	( 50.0, 50.0, 0.0, 1.2);
( 50.0, 40.0, 0.0, 1.2);	( 50.0, 30.0, 0.0, 1.2);
( 50.0, 25.0, 0.0, 1.2);	( 50.0, 20.0, 0.0, 1.2);
( 50.0, 17.0, 0.0, 1.2);	( 50.0, 15.0, 0.0, 1.2);
( 50.0, 13.0, 0.0, 1.2);	( 50.0, 11.0, 0.0, 1.2);
( 50.0, 9.0, 0.0, 1.2);	( 50.0, -9.0, 0.0, 1.2);
( 50.0, -11.0, 0.0, 1.2);	( 50.0, -13.0, 0.0, 1.2);
( 50.0, -15.0, 0.0, 1.2);	( 50.0, -17.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2);	( 50.0, -25.0, 0.0, 1.2);



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 50.0, -60.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 50.0, -80.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 50.0, -100.0, 0.0, 1.2);
( 60.0, 100.0, 0.0, 1.2);	( 60.0, 90.0, 0.0, 1.2);
( 60.0, 80.0, 0.0, 1.2);	( 60.0, 70.0, 0.0, 1.2);
( 60.0, 60.0, 0.0, 1.2);	( 60.0, 50.0, 0.0, 1.2);
( 60.0, 40.0, 0.0, 1.2);	( 60.0, 30.0, 0.0, 1.2);
( 60.0, 25.0, 0.0, 1.2);	( 60.0, 20.0, 0.0, 1.2);
( 60.0, 17.0, 0.0, 1.2);	( 60.0, 15.0, 0.0, 1.2);
( 60.0, 13.0, 0.0, 1.2);	( 60.0, 11.0, 0.0, 1.2);
( 60.0, 9.0, 0.0, 1.2);	( 60.0, -9.0, 0.0, 1.2);
( 60.0, -11.0, 0.0, 1.2);	( 60.0, -13.0, 0.0, 1.2);
( 60.0, -15.0, 0.0, 1.2);	( 60.0, -17.0, 0.0, 1.2);
( 60.0, -20.0, 0.0, 1.2);	( 60.0, -25.0, 0.0, 1.2);
( 60.0, -30.0, 0.0, 1.2);	( 60.0, -40.0, 0.0, 1.2);
( 60.0, -50.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 60.0, -70.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 60.0, -90.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, 100.0, 0.0, 1.2);	( 70.0, 90.0, 0.0, 1.2);
( 70.0, 80.0, 0.0, 1.2);	( 70.0, 70.0, 0.0, 1.2);
( 70.0, 60.0, 0.0, 1.2);	( 70.0, 50.0, 0.0, 1.2);
( 70.0, 40.0, 0.0, 1.2);	( 70.0, 30.0, 0.0, 1.2);
( 70.0, 25.0, 0.0, 1.2);	( 70.0, 20.0, 0.0, 1.2);
( 70.0, 17.0, 0.0, 1.2);	( 70.0, 15.0, 0.0, 1.2);
( 70.0, 13.0, 0.0, 1.2);	( 70.0, 11.0, 0.0, 1.2);
( 70.0, 9.0, 0.0, 1.2);	( 70.0, -9.0, 0.0, 1.2);
( 70.0, -11.0, 0.0, 1.2);	( 70.0, -13.0, 0.0, 1.2);
( 70.0, -15.0, 0.0, 1.2);	( 70.0, -17.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2);	( 70.0, -25.0, 0.0, 1.2);
( 70.0, -30.0, 0.0, 1.2);	( 70.0, -40.0, 0.0, 1.2);
( 70.0, -50.0, 0.0, 1.2);	( 70.0, -60.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 70.0, -80.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 70.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 80.0, 100.0, 0.0, 1.2);	( 80.0, 90.0, 0.0, 1.2);
( 80.0, 80.0, 0.0, 1.2);	( 80.0, 70.0, 0.0, 1.2);
( 80.0, 60.0, 0.0, 1.2);	( 80.0, 50.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 80.0, 40.0, 0.0, 1.2);	( 80.0, 30.0, 0.0, 1.2);
( 80.0, 25.0, 0.0, 1.2);	( 80.0, 20.0, 0.0, 1.2);
( 80.0, 17.0, 0.0, 1.2);	( 80.0, 15.0, 0.0, 1.2);
( 80.0, 13.0, 0.0, 1.2);	( 80.0, 11.0, 0.0, 1.2);
( 80.0, 9.0, 0.0, 1.2);	( 80.0, -9.0, 0.0, 1.2);
( 80.0, -11.0, 0.0, 1.2);	( 80.0, -13.0, 0.0, 1.2);
( 80.0, -15.0, 0.0, 1.2);	( 80.0, -17.0, 0.0, 1.2);
( 80.0, -20.0, 0.0, 1.2);	( 80.0, -25.0, 0.0, 1.2);
( 80.0, -30.0, 0.0, 1.2);	( 80.0, -40.0, 0.0, 1.2);
( 80.0, -50.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 80.0, -70.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 80.0, -90.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, 100.0, 0.0, 1.2);	( 90.0, 90.0, 0.0, 1.2);
( 90.0, 80.0, 0.0, 1.2);	( 90.0, 70.0, 0.0, 1.2);
( 90.0, 60.0, 0.0, 1.2);	( 90.0, 50.0, 0.0, 1.2);
( 90.0, 40.0, 0.0, 1.2);	( 90.0, 30.0, 0.0, 1.2);
( 90.0, 25.0, 0.0, 1.2);	( 90.0, 20.0, 0.0, 1.2);
( 90.0, 17.0, 0.0, 1.2);	( 90.0, 15.0, 0.0, 1.2);
( 90.0, 13.0, 0.0, 1.2);	( 90.0, 11.0, 0.0, 1.2);
( 90.0, 9.0, 0.0, 1.2);	( 90.0, -9.0, 0.0, 1.2);
( 90.0, -11.0, 0.0, 1.2);	( 90.0, -13.0, 0.0, 1.2);
( 90.0, -15.0, 0.0, 1.2);	( 90.0, -17.0, 0.0, 1.2);
( 90.0, -20.0, 0.0, 1.2);	( 90.0, -25.0, 0.0, 1.2);
( 90.0, -30.0, 0.0, 1.2);	( 90.0, -40.0, 0.0, 1.2);
( 90.0, -50.0, 0.0, 1.2);	( 90.0, -60.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 90.0, -80.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 90.0, -100.0, 0.0, 1.2);
( 100.0, 100.0, 0.0, 1.2);	( 100.0, 90.0, 0.0, 1.2);
( 100.0, 80.0, 0.0, 1.2);	( 100.0, 70.0, 0.0, 1.2);
( 100.0, 60.0, 0.0, 1.2);	( 100.0, 50.0, 0.0, 1.2);
( 100.0, 40.0, 0.0, 1.2);	( 100.0, 30.0, 0.0, 1.2);
( 100.0, 25.0, 0.0, 1.2);	( 100.0, 20.0, 0.0, 1.2);
( 100.0, 17.0, 0.0, 1.2);	( 100.0, 15.0, 0.0, 1.2);
( 100.0, 13.0, 0.0, 1.2);	( 100.0, 11.0, 0.0, 1.2);
( 100.0, 9.0, 0.0, 1.2);	( 100.0, -9.0, 0.0, 1.2);
( 100.0, -11.0, 0.0, 1.2);	( 100.0, -13.0, 0.0, 1.2);
( 100.0, -15.0, 0.0, 1.2);	( 100.0, -17.0, 0.0, 1.2);
( 100.0, -20.0, 0.0, 1.2);	( 100.0, -25.0, 0.0, 1.2);
( 100.0, -30.0, 0.0, 1.2);	( 100.0, -40.0, 0.0, 1.2);
( 100.0, -50.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( 100.0, -70.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);
( 100.0, -90.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 110.0, 100.0, 0.0, 1.2);	( 110.0, 90.0, 0.0, 1.2);
( 110.0, 80.0, 0.0, 1.2);	( 110.0, 70.0, 0.0, 1.2);
( 110.0, 60.0, 0.0, 1.2);	( 110.0, 50.0, 0.0, 1.2);
( 110.0, 40.0, 0.0, 1.2);	( 110.0, 30.0, 0.0, 1.2);
( 110.0, 25.0, 0.0, 1.2);	( 110.0, 20.0, 0.0, 1.2);
( 110.0, 17.0, 0.0, 1.2);	( 110.0, 15.0, 0.0, 1.2);
( 110.0, 13.0, 0.0, 1.2);	( 110.0, 11.0, 0.0, 1.2);
( 110.0, 9.0, 0.0, 1.2);	( 110.0, -9.0, 0.0, 1.2);
( 110.0, -11.0, 0.0, 1.2);	( 110.0, -13.0, 0.0, 1.2);
( 110.0, -15.0, 0.0, 1.2);	( 110.0, -17.0, 0.0, 1.2);
( 110.0, -20.0, 0.0, 1.2);	( 110.0, -25.0, 0.0, 1.2);
( 110.0, -30.0, 0.0, 1.2);	( 110.0, -40.0, 0.0, 1.2);
( 110.0, -50.0, 0.0, 1.2);	( 110.0, -60.0, 0.0, 1.2);
( 110.0, -70.0, 0.0, 1.2);	( 110.0, -80.0, 0.0, 1.2);
( 110.0, -90.0, 0.0, 1.2);	( 110.0, -100.0, 0.0, 1.2);
( 120.0, 100.0, 0.0, 1.2);	( 120.0, 90.0, 0.0, 1.2);
( 120.0, 80.0, 0.0, 1.2);	( 120.0, 70.0, 0.0, 1.2);
( 120.0, 60.0, 0.0, 1.2);	( 120.0, 50.0, 0.0, 1.2);
( 120.0, 40.0, 0.0, 1.2);	( 120.0, 30.0, 0.0, 1.2);
( 120.0, 25.0, 0.0, 1.2);	( 120.0, 20.0, 0.0, 1.2);
( 120.0, 17.0, 0.0, 1.2);	( 120.0, 15.0, 0.0, 1.2);
( 120.0, 13.0, 0.0, 1.2);	( 120.0, 11.0, 0.0, 1.2);
( 120.0, 9.0, 0.0, 1.2);	( 120.0, -9.0, 0.0, 1.2);
( 120.0, -11.0, 0.0, 1.2);	( 120.0, -13.0, 0.0, 1.2);
( 120.0, -15.0, 0.0, 1.2);	( 120.0, -17.0, 0.0, 1.2);
( 120.0, -20.0, 0.0, 1.2);	( 120.0, -25.0, 0.0, 1.2);
( 120.0, -30.0, 0.0, 1.2);	( 120.0, -40.0, 0.0, 1.2);
( 120.0, -50.0, 0.0, 1.2);	( 120.0, -60.0, 0.0, 1.2);
( 120.0, -70.0, 0.0, 1.2);	( 120.0, -80.0, 0.0, 1.2);
( 120.0, -90.0, 0.0, 1.2);	( 120.0, -100.0, 0.0, 1.2);
( 130.0, 100.0, 0.0, 1.2);	( 130.0, 90.0, 0.0, 1.2);
( 130.0, 80.0, 0.0, 1.2);	( 130.0, 70.0, 0.0, 1.2);
( 130.0, 60.0, 0.0, 1.2);	( 130.0, 50.0, 0.0, 1.2);
( 130.0, 40.0, 0.0, 1.2);	( 130.0, 30.0, 0.0, 1.2);
( 130.0, 25.0, 0.0, 1.2);	( 130.0, 20.0, 0.0, 1.2);
( 130.0, 17.0, 0.0, 1.2);	( 130.0, 15.0, 0.0, 1.2);
( 130.0, 13.0, 0.0, 1.2);	( 130.0, 11.0, 0.0, 1.2);
( 130.0, 9.0, 0.0, 1.2);	( 130.0, -9.0, 0.0, 1.2);
( 130.0, -11.0, 0.0, 1.2);	( 130.0, -13.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound

( 130.0,	-15.0,	0.0,	1.2);	( 130.0,	-17.0,	0.0,	1.2);
( 130.0,	-20.0,	0.0,	1.2);	( 130.0,	-25.0,	0.0,	1.2);
( 130.0,	-30.0,	0.0,	1.2);	( 130.0,	-40.0,	0.0,	1.2);
( 130.0,	-50.0,	0.0,	1.2);	( 130.0,	-60.0,	0.0,	1.2);
( 130.0,	-70.0,	0.0,	1.2);	( 130.0,	-80.0,	0.0,	1.2);
( 130.0,	-90.0,	0.0,	1.2);	( 130.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 140.0,	100.0,	0.0,	1.2);	( 140.0,	90.0,	0.0,	1.2);
( 140.0,	80.0,	0.0,	1.2);	( 140.0,	70.0,	0.0,	1.2);
( 140.0,	60.0,	0.0,	1.2);	( 140.0,	50.0,	0.0,	1.2);
( 140.0,	40.0,	0.0,	1.2);	( 140.0,	30.0,	0.0,	1.2);
( 140.0,	25.0,	0.0,	1.2);	( 140.0,	20.0,	0.0,	1.2);
( 140.0,	17.0,	0.0,	1.2);	( 140.0,	15.0,	0.0,	1.2);
( 140.0,	13.0,	0.0,	1.2);	( 140.0,	11.0,	0.0,	1.2);
( 140.0,	9.0,	0.0,	1.2);	( 140.0,	-9.0,	0.0,	1.2);
( 140.0,	-11.0,	0.0,	1.2);	( 140.0,	-13.0,	0.0,	1.2);
( 140.0,	-15.0,	0.0,	1.2);	( 140.0,	-17.0,	0.0,	1.2);
( 140.0,	-20.0,	0.0,	1.2);	( 140.0,	-25.0,	0.0,	1.2);
( 140.0,	-30.0,	0.0,	1.2);	( 140.0,	-40.0,	0.0,	1.2);
( 140.0,	-50.0,	0.0,	1.2);	( 140.0,	-60.0,	0.0,	1.2);
( 140.0,	-70.0,	0.0,	1.2);	( 140.0,	-80.0,	0.0,	1.2);
( 140.0,	-90.0,	0.0,	1.2);	( 140.0,	-100.0,	0.0,	1.2);
( 150.0,	100.0,	0.0,	1.2);	( 150.0,	90.0,	0.0,	1.2);
( 150.0,	80.0,	0.0,	1.2);	( 150.0,	70.0,	0.0,	1.2);
( 150.0,	60.0,	0.0,	1.2);	( 150.0,	50.0,	0.0,	1.2);
( 150.0,	40.0,	0.0,	1.2);	( 150.0,	30.0,	0.0,	1.2);
( 150.0,	25.0,	0.0,	1.2);	( 150.0,	20.0,	0.0,	1.2);
( 150.0,	17.0,	0.0,	1.2);	( 150.0,	15.0,	0.0,	1.2);
( 150.0,	13.0,	0.0,	1.2);	( 150.0,	11.0,	0.0,	1.2);
( 150.0,	9.0,	0.0,	1.2);	( 150.0,	-9.0,	0.0,	1.2);
( 150.0,	-11.0,	0.0,	1.2);	( 150.0,	-13.0,	0.0,	1.2);
( 150.0,	-15.0,	0.0,	1.2);	( 150.0,	-17.0,	0.0,	1.2);
( 150.0,	-20.0,	0.0,	1.2);	( 150.0,	-25.0,	0.0,	1.2);
( 150.0,	-30.0,	0.0,	1.2);	( 150.0,	-40.0,	0.0,	1.2);
( 150.0,	-50.0,	0.0,	1.2);	( 150.0,	-60.0,	0.0,	1.2);
( 150.0,	-70.0,	0.0,	1.2);	( 150.0,	-80.0,	0.0,	1.2);
( 150.0,	-90.0,	0.0,	1.2);	( 150.0,	-100.0,	0.0,	1.2);
( 160.0,	100.0,	0.0,	1.2);	( 160.0,	90.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 160.0,	80.0,	0.0,	1.2);	( 160.0,	70.0,	0.0,	1.2);
( 160.0,	60.0,	0.0,	1.2);	( 160.0,	50.0,	0.0,	1.2);
( 160.0,	40.0,	0.0,	1.2);	( 160.0,	30.0,	0.0,	1.2);
( 160.0,	25.0,	0.0,	1.2);	( 160.0,	20.0,	0.0,	1.2);
( 160.0,	17.0,	0.0,	1.2);	( 160.0,	15.0,	0.0,	1.2);
( 160.0,	13.0,	0.0,	1.2);	( 160.0,	11.0,	0.0,	1.2);
( 160.0,	9.0,	0.0,	1.2);	( 160.0,	-9.0,	0.0,	1.2);
( 160.0,	-11.0,	0.0,	1.2);	( 160.0,	-13.0,	0.0,	1.2);
( 160.0,	-15.0,	0.0,	1.2);	( 160.0,	-17.0,	0.0,	1.2);
( 160.0,	-20.0,	0.0,	1.2);	( 160.0,	-25.0,	0.0,	1.2);
( 160.0,	-30.0,	0.0,	1.2);	( 160.0,	-40.0,	0.0,	1.2);
( 160.0,	-50.0,	0.0,	1.2);	( 160.0,	-60.0,	0.0,	1.2);
( 160.0,	-70.0,	0.0,	1.2);	( 160.0,	-80.0,	0.0,	1.2);
( 160.0,	-90.0,	0.0,	1.2);	( 160.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 170.0,	100.0,	0.0,	1.2);	( 170.0,	90.0,	0.0,	1.2);
( 170.0,	80.0,	0.0,	1.2);	( 170.0,	70.0,	0.0,	1.2);
( 170.0,	60.0,	0.0,	1.2);	( 170.0,	50.0,	0.0,	1.2);
( 170.0,	40.0,	0.0,	1.2);	( 170.0,	30.0,	0.0,	1.2);
( 170.0,	25.0,	0.0,	1.2);	( 170.0,	20.0,	0.0,	1.2);
( 170.0,	17.0,	0.0,	1.2);	( 170.0,	15.0,	0.0,	1.2);
( 170.0,	13.0,	0.0,	1.2);	( 170.0,	11.0,	0.0,	1.2);
( 170.0,	9.0,	0.0,	1.2);	( 170.0,	-9.0,	0.0,	1.2);
( 170.0,	-11.0,	0.0,	1.2);	( 170.0,	-13.0,	0.0,	1.2);
( 170.0,	-15.0,	0.0,	1.2);	( 170.0,	-17.0,	0.0,	1.2);
( 170.0,	-20.0,	0.0,	1.2);	( 170.0,	-25.0,	0.0,	1.2);
( 170.0,	-30.0,	0.0,	1.2);	( 170.0,	-40.0,	0.0,	1.2);
( 170.0,	-50.0,	0.0,	1.2);	( 170.0,	-60.0,	0.0,	1.2);
( 170.0,	-70.0,	0.0,	1.2);	( 170.0,	-80.0,	0.0,	1.2);
( 170.0,	-90.0,	0.0,	1.2);	( 170.0,	-100.0,	0.0,	1.2);
( 180.0,	100.0,	0.0,	1.2);	( 180.0,	90.0,	0.0,	1.2);
( 180.0,	80.0,	0.0,	1.2);	( 180.0,	70.0,	0.0,	1.2);
( 180.0,	60.0,	0.0,	1.2);	( 180.0,	50.0,	0.0,	1.2);
( 180.0,	40.0,	0.0,	1.2);	( 180.0,	30.0,	0.0,	1.2);
( 180.0,	25.0,	0.0,	1.2);	( 180.0,	20.0,	0.0,	1.2);
( 180.0,	17.0,	0.0,	1.2);	( 180.0,	15.0,	0.0,	1.2);
( 180.0,	13.0,	0.0,	1.2);	( 180.0,	11.0,	0.0,	1.2);
( 180.0,	9.0,	0.0,	1.2);	( 180.0,	-9.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 180.0, -11.0, 0.0, 1.2);	( 180.0, -13.0, 0.0, 1.2);
( 180.0, -15.0, 0.0, 1.2);	( 180.0, -17.0, 0.0, 1.2);
( 180.0, -20.0, 0.0, 1.2);	( 180.0, -25.0, 0.0, 1.2);
( 180.0, -30.0, 0.0, 1.2);	( 180.0, -40.0, 0.0, 1.2);
( 180.0, -50.0, 0.0, 1.2);	( 180.0, -60.0, 0.0, 1.2);
( 180.0, -70.0, 0.0, 1.2);	( 180.0, -80.0, 0.0, 1.2);
( 180.0, -90.0, 0.0, 1.2);	( 180.0, -100.0, 0.0, 1.2);
( 190.0, 100.0, 0.0, 1.2);	( 190.0, 90.0, 0.0, 1.2);
( 190.0, 80.0, 0.0, 1.2);	( 190.0, 70.0, 0.0, 1.2);
( 190.0, 60.0, 0.0, 1.2);	( 190.0, 50.0, 0.0, 1.2);
( 190.0, 40.0, 0.0, 1.2);	( 190.0, 30.0, 0.0, 1.2);
( 190.0, 25.0, 0.0, 1.2);	( 190.0, 20.0, 0.0, 1.2);
( 190.0, 17.0, 0.0, 1.2);	( 190.0, 15.0, 0.0, 1.2);
( 190.0, 13.0, 0.0, 1.2);	( 190.0, 11.0, 0.0, 1.2);
( 190.0, 9.0, 0.0, 1.2);	( 190.0, -9.0, 0.0, 1.2);
( 190.0, -11.0, 0.0, 1.2);	( 190.0, -13.0, 0.0, 1.2);
( 190.0, -15.0, 0.0, 1.2);	( 190.0, -17.0, 0.0, 1.2);
( 190.0, -20.0, 0.0, 1.2);	( 190.0, -25.0, 0.0, 1.2);
( 190.0, -30.0, 0.0, 1.2);	( 190.0, -40.0, 0.0, 1.2);
( 190.0, -50.0, 0.0, 1.2);	( 190.0, -60.0, 0.0, 1.2);
( 190.0, -70.0, 0.0, 1.2);	( 190.0, -80.0, 0.0, 1.2);
( 190.0, -90.0, 0.0, 1.2);	( 190.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 200.0, 100.0, 0.0, 1.2);	( 200.0, 90.0, 0.0, 1.2);
( 200.0, 80.0, 0.0, 1.2);	( 200.0, 70.0, 0.0, 1.2);
( 200.0, 60.0, 0.0, 1.2);	( 200.0, 50.0, 0.0, 1.2);
( 200.0, 40.0, 0.0, 1.2);	( 200.0, 30.0, 0.0, 1.2);
( 200.0, 25.0, 0.0, 1.2);	( 200.0, 20.0, 0.0, 1.2);
( 200.0, 17.0, 0.0, 1.2);	( 200.0, 15.0, 0.0, 1.2);
( 200.0, 13.0, 0.0, 1.2);	( 200.0, 11.0, 0.0, 1.2);
( 200.0, 9.0, 0.0, 1.2);	( 200.0, -9.0, 0.0, 1.2);
( 200.0, -11.0, 0.0, 1.2);	( 200.0, -13.0, 0.0, 1.2);
( 200.0, -15.0, 0.0, 1.2);	( 200.0, -17.0, 0.0, 1.2);
( 200.0, -20.0, 0.0, 1.2);	( 200.0, -25.0, 0.0, 1.2);
( 200.0, -30.0, 0.0, 1.2);	( 200.0, -40.0, 0.0, 1.2);
( 200.0, -50.0, 0.0, 1.2);	( 200.0, -60.0, 0.0, 1.2);
( 200.0, -70.0, 0.0, 1.2);	( 200.0, -80.0, 0.0, 1.2);
( 200.0, -90.0, 0.0, 1.2);	( 200.0, -100.0, 0.0, 1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 210.0,	100.0,	0.0,	1.2);	( 210.0,	90.0,	0.0,	1.2);
( 210.0,	80.0,	0.0,	1.2);	( 210.0,	70.0,	0.0,	1.2);
( 210.0,	60.0,	0.0,	1.2);	( 210.0,	50.0,	0.0,	1.2);
( 210.0,	40.0,	0.0,	1.2);	( 210.0,	30.0,	0.0,	1.2);
( 210.0,	25.0,	0.0,	1.2);	( 210.0,	20.0,	0.0,	1.2);
( 210.0,	17.0,	0.0,	1.2);	( 210.0,	15.0,	0.0,	1.2);
( 210.0,	13.0,	0.0,	1.2);	( 210.0,	11.0,	0.0,	1.2);
( 210.0,	9.0,	0.0,	1.2);	( 210.0,	-9.0,	0.0,	1.2);
( 210.0,	-11.0,	0.0,	1.2);	( 210.0,	-13.0,	0.0,	1.2);
( 210.0,	-15.0,	0.0,	1.2);	( 210.0,	-17.0,	0.0,	1.2);
( 210.0,	-20.0,	0.0,	1.2);	( 210.0,	-25.0,	0.0,	1.2);
( 210.0,	-30.0,	0.0,	1.2);	( 210.0,	-40.0,	0.0,	1.2);
( 210.0,	-50.0,	0.0,	1.2);	( 210.0,	-60.0,	0.0,	1.2);
( 210.0,	-70.0,	0.0,	1.2);	( 210.0,	-80.0,	0.0,	1.2);
( 210.0,	-90.0,	0.0,	1.2);	( 210.0,	-100.0,	0.0,	1.2);
( 220.0,	100.0,	0.0,	1.2);	( 220.0,	90.0,	0.0,	1.2);
( 220.0,	80.0,	0.0,	1.2);	( 220.0,	70.0,	0.0,	1.2);
( 220.0,	60.0,	0.0,	1.2);	( 220.0,	50.0,	0.0,	1.2);
( 220.0,	40.0,	0.0,	1.2);	( 220.0,	30.0,	0.0,	1.2);
( 220.0,	25.0,	0.0,	1.2);	( 220.0,	20.0,	0.0,	1.2);
( 220.0,	17.0,	0.0,	1.2);	( 220.0,	15.0,	0.0,	1.2);
( 220.0,	13.0,	0.0,	1.2);	( 220.0,	11.0,	0.0,	1.2);
( 220.0,	9.0,	0.0,	1.2);	( 220.0,	-9.0,	0.0,	1.2);
( 220.0,	-11.0,	0.0,	1.2);	( 220.0,	-13.0,	0.0,	1.2);
( 220.0,	-15.0,	0.0,	1.2);	( 220.0,	-17.0,	0.0,	1.2);
( 220.0,	-20.0,	0.0,	1.2);	( 220.0,	-25.0,	0.0,	1.2);
( 220.0,	-30.0,	0.0,	1.2);	( 220.0,	-40.0,	0.0,	1.2);
( 220.0,	-50.0,	0.0,	1.2);	( 220.0,	-60.0,	0.0,	1.2);
( 220.0,	-70.0,	0.0,	1.2);	( 220.0,	-80.0,	0.0,	1.2);
( 220.0,	-90.0,	0.0,	1.2);	( 220.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 230.0,	100.0,	0.0,	1.2);	( 230.0,	90.0,	0.0,	1.2);
( 230.0,	80.0,	0.0,	1.2);	( 230.0,	70.0,	0.0,	1.2);
( 230.0,	60.0,	0.0,	1.2);	( 230.0,	50.0,	0.0,	1.2);
( 230.0,	40.0,	0.0,	1.2);	( 230.0,	30.0,	0.0,	1.2);
( 230.0,	25.0,	0.0,	1.2);	( 230.0,	20.0,	0.0,	1.2);
( 230.0,	17.0,	0.0,	1.2);	( 230.0,	15.0,	0.0,	1.2);
( 230.0,	13.0,	0.0,	1.2);	( 230.0,	11.0,	0.0,	1.2);

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

( 230.0,	9.0,	0.0,	1.2);	( 230.0,	-9.0,	0.0,	1.2);
( 230.0,	-11.0,	0.0,	1.2);	( 230.0,	-13.0,	0.0,	1.2);
( 230.0,	-15.0,	0.0,	1.2);	( 230.0,	-17.0,	0.0,	1.2);
( 230.0,	-20.0,	0.0,	1.2);	( 230.0,	-25.0,	0.0,	1.2);
( 230.0,	-30.0,	0.0,	1.2);	( 230.0,	-40.0,	0.0,	1.2);
( 230.0,	-50.0,	0.0,	1.2);	( 230.0,	-60.0,	0.0,	1.2);
( 230.0,	-70.0,	0.0,	1.2);	( 230.0,	-80.0,	0.0,	1.2);
( 230.0,	-90.0,	0.0,	1.2);	( 230.0,	-100.0,	0.0,	1.2);
( 240.0,	100.0,	0.0,	1.2);	( 240.0,	90.0,	0.0,	1.2);
( 240.0,	80.0,	0.0,	1.2);	( 240.0,	70.0,	0.0,	1.2);
( 240.0,	60.0,	0.0,	1.2);	( 240.0,	50.0,	0.0,	1.2);
( 240.0,	40.0,	0.0,	1.2);	( 240.0,	30.0,	0.0,	1.2);
( 240.0,	25.0,	0.0,	1.2);	( 240.0,	20.0,	0.0,	1.2);
( 240.0,	17.0,	0.0,	1.2);	( 240.0,	15.0,	0.0,	1.2);
( 240.0,	13.0,	0.0,	1.2);	( 240.0,	11.0,	0.0,	1.2);
( 240.0,	9.0,	0.0,	1.2);	( 240.0,	-9.0,	0.0,	1.2);
( 240.0,	-11.0,	0.0,	1.2);	( 240.0,	-13.0,	0.0,	1.2);
( 240.0,	-15.0,	0.0,	1.2);	( 240.0,	-17.0,	0.0,	1.2);
( 240.0,	-20.0,	0.0,	1.2);	( 240.0,	-25.0,	0.0,	1.2);
( 240.0,	-30.0,	0.0,	1.2);	( 240.0,	-40.0,	0.0,	1.2);
( 240.0,	-50.0,	0.0,	1.2);	( 240.0,	-60.0,	0.0,	1.2);
( 240.0,	-70.0,	0.0,	1.2);	( 240.0,	-80.0,	0.0,	1.2);
( 240.0,	-90.0,	0.0,	1.2);	( 240.0,	-100.0,	0.0,	1.2);
( 250.0,	100.0,	0.0,	1.2);	( 250.0,	90.0,	0.0,	1.2);
( 250.0,	80.0,	0.0,	1.2);	( 250.0,	70.0,	0.0,	1.2);
( 250.0,	60.0,	0.0,	1.2);	( 250.0,	50.0,	0.0,	1.2);
( 250.0,	40.0,	0.0,	1.2);	( 250.0,	30.0,	0.0,	1.2);
( 250.0,	25.0,	0.0,	1.2);	( 250.0,	20.0,	0.0,	1.2);
( 250.0,	17.0,	0.0,	1.2);	( 250.0,	15.0,	0.0,	1.2);
( 250.0,	13.0,	0.0,	1.2);	( 250.0,	11.0,	0.0,	1.2);
( 250.0,	9.0,	0.0,	1.2);	( 250.0,	-9.0,	0.0,	1.2);
( 250.0,	-11.0,	0.0,	1.2);	( 250.0,	-13.0,	0.0,	1.2);
( 250.0,	-15.0,	0.0,	1.2);	( 250.0,	-17.0,	0.0,	1.2);
( 250.0,	-20.0,	0.0,	1.2);	( 250.0,	-25.0,	0.0,	1.2);
( 250.0,	-30.0,	0.0,	1.2);	( 250.0,	-40.0,	0.0,	1.2);
( 250.0,	-50.0,	0.0,	1.2);	( 250.0,	-60.0,	0.0,	1.2);
( 250.0,	-70.0,	0.0,	1.2);	( 250.0,	-80.0,	0.0,	1.2);
( 250.0,	-90.0,	0.0,	1.2);	( 250.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)





07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00004	-250.00	70.00	0.00004
-250.00	60.00	0.00004	-250.00	50.00	0.00004
-250.00	40.00	0.00004	-250.00	30.00	0.00004
-250.00	25.00	0.00004	-250.00	20.00	0.00004
-250.00	17.00	0.00004	-250.00	15.00	0.00004
-250.00	13.00	0.00004	-250.00	11.00	0.00004
-250.00	9.00	0.00004	-250.00	-9.00	0.00004
-250.00	-11.00	0.00004	-250.00	-13.00	0.00004
-250.00	-15.00	0.00004	-250.00	-17.00	0.00004
-250.00	-20.00	0.00004	-250.00	-25.00	0.00004
-250.00	-30.00	0.00004	-250.00	-40.00	0.00004
-250.00	-50.00	0.00004	-250.00	-60.00	0.00004
-250.00	-70.00	0.00004	-250.00	-80.00	0.00003
-250.00	-90.00	0.00003	-250.00	-100.00	0.00003
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00004	-240.00	70.00	0.00004



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00005
-220.00	-11.00	0.00005	-220.00	-13.00	0.00005
-220.00	-15.00	0.00005	-220.00	-17.00	0.00005
-220.00	-20.00	0.00005	-220.00	-25.00	0.00005
-220.00	-30.00	0.00005	-220.00	-40.00	0.00005
-220.00	-50.00	0.00004	-220.00	-60.00	0.00004
-220.00	-70.00	0.00004	-220.00	-80.00	0.00004
-220.00	-90.00	0.00004	-220.00	-100.00	0.00004
-210.00	100.00	0.00005	-210.00	90.00	0.00005
-210.00	80.00	0.00005	-210.00	70.00	0.00005
-210.00	60.00	0.00005	-210.00	50.00	0.00005
-210.00	40.00	0.00005	-210.00	30.00	0.00005
-210.00	25.00	0.00005	-210.00	20.00	0.00005
-210.00	17.00	0.00005	-210.00	15.00	0.00005
-210.00	13.00	0.00005	-210.00	11.00	0.00005
-210.00	9.00	0.00005	-210.00	-9.00	0.00005
-210.00	-11.00	0.00005	-210.00	-13.00	0.00005
-210.00	-15.00	0.00005	-210.00	-17.00	0.00005
-210.00	-20.00	0.00005	-210.00	-25.00	0.00005
-210.00	-30.00	0.00005	-210.00	-40.00	0.00005
-210.00	-50.00	0.00005	-210.00	-60.00	0.00004
-210.00	-70.00	0.00004	-210.00	-80.00	0.00004
-210.00	-90.00	0.00004	-210.00	-100.00	0.00004
-200.00	100.00	0.00005	-200.00	90.00	0.00005
-200.00	80.00	0.00005	-200.00	70.00	0.00005
-200.00	60.00	0.00005	-200.00	50.00	0.00005
-200.00	40.00	0.00005	-200.00	30.00	0.00005
-200.00	25.00	0.00005	-200.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00005	-200.00	15.00	0.00005
-200.00	13.00	0.00005	-200.00	11.00	0.00005
-200.00	9.00	0.00005	-200.00	-9.00	0.00005
-200.00	-11.00	0.00005	-200.00	-13.00	0.00005
-200.00	-15.00	0.00005	-200.00	-17.00	0.00005

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00005	-200.00	-25.00	0.00005
-200.00	-30.00	0.00005	-200.00	-40.00	0.00005
-200.00	-50.00	0.00005	-200.00	-60.00	0.00005
-200.00	-70.00	0.00004	-200.00	-80.00	0.00004
-200.00	-90.00	0.00004	-200.00	-100.00	0.00004
-190.00	100.00	0.00006	-190.00	90.00	0.00006
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00006
-190.00	25.00	0.00006	-190.00	20.00	0.00006
-190.00	17.00	0.00006	-190.00	15.00	0.00006
-190.00	13.00	0.00006	-190.00	11.00	0.00006
-190.00	9.00	0.00006	-190.00	-9.00	0.00006
-190.00	-11.00	0.00006	-190.00	-13.00	0.00006
-190.00	-15.00	0.00006	-190.00	-17.00	0.00006
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005
-190.00	-30.00	0.00005	-190.00	-40.00	0.00005
-190.00	-50.00	0.00005	-190.00	-60.00	0.00005
-190.00	-70.00	0.00004	-190.00	-80.00	0.00004
-190.00	-90.00	0.00004	-190.00	-100.00	0.00004
-180.00	100.00	0.00006	-180.00	90.00	0.00006
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00006	-180.00	50.00	0.00006
-180.00	40.00	0.00006	-180.00	30.00	0.00006
-180.00	25.00	0.00006	-180.00	20.00	0.00006
-180.00	17.00	0.00006	-180.00	15.00	0.00006
-180.00	13.00	0.00006	-180.00	11.00	0.00006
-180.00	9.00	0.00006	-180.00	-9.00	0.00006
-180.00	-11.00	0.00006	-180.00	-13.00	0.00006
-180.00	-15.00	0.00006	-180.00	-17.00	0.00006
-180.00	-20.00	0.00006	-180.00	-25.00	0.00006
-180.00	-30.00	0.00006	-180.00	-40.00	0.00005
-180.00	-50.00	0.00005	-180.00	-60.00	0.00005
-180.00	-70.00	0.00005	-180.00	-80.00	0.00004
-180.00	-90.00	0.00004	-180.00	-100.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:34:30  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00006	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00006	-170.00	50.00	0.00006
-170.00	40.00	0.00006	-170.00	30.00	0.00006
-170.00	25.00	0.00006	-170.00	20.00	0.00006
-170.00	17.00	0.00006	-170.00	15.00	0.00006
-170.00	13.00	0.00006	-170.00	11.00	0.00006
-170.00	9.00	0.00006	-170.00	-9.00	0.00006
-170.00	-11.00	0.00006	-170.00	-13.00	0.00006
-170.00	-15.00	0.00006	-170.00	-17.00	0.00006
-170.00	-20.00	0.00006	-170.00	-25.00	0.00006
-170.00	-30.00	0.00006	-170.00	-40.00	0.00006
-170.00	-50.00	0.00005	-170.00	-60.00	0.00005
-170.00	-70.00	0.00005	-170.00	-80.00	0.00005
-170.00	-90.00	0.00004	-170.00	-100.00	0.00004
-160.00	100.00	0.00007	-160.00	90.00	0.00007
-160.00	80.00	0.00007	-160.00	70.00	0.00007
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00007
-160.00	25.00	0.00007	-160.00	20.00	0.00007
-160.00	17.00	0.00007	-160.00	15.00	0.00007
-160.00	13.00	0.00007	-160.00	11.00	0.00007
-160.00	9.00	0.00007	-160.00	-9.00	0.00007
-160.00	-11.00	0.00007	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00006
-160.00	-30.00	0.00006	-160.00	-40.00	0.00006
-160.00	-50.00	0.00006	-160.00	-60.00	0.00005
-160.00	-70.00	0.00005	-160.00	-80.00	0.00005
-160.00	-90.00	0.00005	-160.00	-100.00	0.00005
-150.00	100.00	0.00007	-150.00	90.00	0.00007
-150.00	80.00	0.00007	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00007
-150.00	40.00	0.00007	-150.00	30.00	0.00007
-150.00	25.00	0.00007	-150.00	20.00	0.00007
-150.00	17.00	0.00007	-150.00	15.00	0.00007
-150.00	13.00	0.00007	-150.00	11.00	0.00007
-150.00	9.00	0.00007	-150.00	-9.00	0.00007
-150.00	-11.00	0.00007	-150.00	-13.00	0.00007
-150.00	-15.00	0.00007	-150.00	-17.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00007	-150.00	-25.00	0.00007
-150.00	-30.00	0.00006	-150.00	-40.00	0.00006
-150.00	-50.00	0.00006	-150.00	-60.00	0.00006
-150.00	-70.00	0.00005	-150.00	-80.00	0.00005
-150.00	-90.00	0.00005	-150.00	-100.00	0.00005
-140.00	100.00	0.00008	-140.00	90.00	0.00008
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00007	-140.00	50.00	0.00007
-140.00	40.00	0.00007	-140.00	30.00	0.00007
-140.00	25.00	0.00007	-140.00	20.00	0.00007
-140.00	17.00	0.00007	-140.00	15.00	0.00007
-140.00	13.00	0.00007	-140.00	11.00	0.00007
-140.00	9.00	0.00007	-140.00	-9.00	0.00007
-140.00	-11.00	0.00007	-140.00	-13.00	0.00007
-140.00	-15.00	0.00007	-140.00	-17.00	0.00007
-140.00	-20.00	0.00007	-140.00	-25.00	0.00007
-140.00	-30.00	0.00007	-140.00	-40.00	0.00007
-140.00	-50.00	0.00006	-140.00	-60.00	0.00006
-140.00	-70.00	0.00006	-140.00	-80.00	0.00005
-140.00	-90.00	0.00005	-140.00	-100.00	0.00005
-130.00	100.00	0.00008	-130.00	90.00	0.00008
-130.00	80.00	0.00008	-130.00	70.00	0.00008
-130.00	60.00	0.00008	-130.00	50.00	0.00008
-130.00	40.00	0.00008	-130.00	30.00	0.00008
-130.00	25.00	0.00008	-130.00	20.00	0.00008
-130.00	17.00	0.00008	-130.00	15.00	0.00008
-130.00	13.00	0.00008	-130.00	11.00	0.00008
-130.00	9.00	0.00008	-130.00	-9.00	0.00008
-130.00	-11.00	0.00008	-130.00	-13.00	0.00008
-130.00	-15.00	0.00008	-130.00	-17.00	0.00008
-130.00	-20.00	0.00008	-130.00	-25.00	0.00007
-130.00	-30.00	0.00007	-130.00	-40.00	0.00007
-130.00	-50.00	0.00006	-130.00	-60.00	0.00006
-130.00	-70.00	0.00006	-130.00	-80.00	0.00006
-130.00	-90.00	0.00005	-130.00	-100.00	0.00005
-120.00	100.00	0.00009	-120.00	90.00	0.00009
-120.00	80.00	0.00008	-120.00	70.00	0.00008





07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00009	-100.00	11.00	0.00009
-100.00	9.00	0.00009	-100.00	-9.00	0.00009
-100.00	-11.00	0.00009	-100.00	-13.00	0.00009
-100.00	-15.00	0.00009	-100.00	-17.00	0.00009
-100.00	-20.00	0.00009	-100.00	-25.00	0.00009
-100.00	-30.00	0.00009	-100.00	-40.00	0.00008
-100.00	-50.00	0.00008	-100.00	-60.00	0.00007
-100.00	-70.00	0.00007	-100.00	-80.00	0.00006
-100.00	-90.00	0.00006	-100.00	-100.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00011	-90.00	90.00	0.00011
-90.00	80.00	0.00010	-90.00	70.00	0.00010
-90.00	60.00	0.00010	-90.00	50.00	0.00010
-90.00	40.00	0.00010	-90.00	30.00	0.00010
-90.00	25.00	0.00010	-90.00	20.00	0.00010
-90.00	17.00	0.00010	-90.00	15.00	0.00010
-90.00	13.00	0.00010	-90.00	11.00	0.00010
-90.00	9.00	0.00010	-90.00	-9.00	0.00010
-90.00	-11.00	0.00010	-90.00	-13.00	0.00010
-90.00	-15.00	0.00010	-90.00	-17.00	0.00010
-90.00	-20.00	0.00010	-90.00	-25.00	0.00009
-90.00	-30.00	0.00009	-90.00	-40.00	0.00009
-90.00	-50.00	0.00008	-90.00	-60.00	0.00008
-90.00	-70.00	0.00007	-90.00	-80.00	0.00007
-90.00	-90.00	0.00007	-90.00	-100.00	0.00006
-80.00	100.00	0.00011	-80.00	90.00	0.00011
-80.00	80.00	0.00011	-80.00	70.00	0.00011
-80.00	60.00	0.00011	-80.00	50.00	0.00011
-80.00	40.00	0.00011	-80.00	30.00	0.00011
-80.00	25.00	0.00011	-80.00	20.00	0.00011
-80.00	17.00	0.00011	-80.00	15.00	0.00011
-80.00	13.00	0.00011	-80.00	11.00	0.00011
-80.00	9.00	0.00011	-80.00	-9.00	0.00011
-80.00	-11.00	0.00011	-80.00	-13.00	0.00011
-80.00	-15.00	0.00010	-80.00	-17.00	0.00010

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-20.00	0.00010	-80.00	-25.00	0.00010
-80.00	-30.00	0.00010	-80.00	-40.00	0.00009
-80.00	-50.00	0.00008	-80.00	-60.00	0.00008
-80.00	-70.00	0.00008	-80.00	-80.00	0.00007
-80.00	-90.00	0.00007	-80.00	-100.00	0.00007
-70.00	100.00	0.00012	-70.00	90.00	0.00012
-70.00	80.00	0.00012	-70.00	70.00	0.00012
-70.00	60.00	0.00012	-70.00	50.00	0.00012
-70.00	40.00	0.00012	-70.00	30.00	0.00012
-70.00	25.00	0.00012	-70.00	20.00	0.00012
-70.00	17.00	0.00012	-70.00	15.00	0.00012
-70.00	13.00	0.00012	-70.00	11.00	0.00012
-70.00	9.00	0.00012	-70.00	-9.00	0.00011
-70.00	-11.00	0.00011	-70.00	-13.00	0.00011
-70.00	-15.00	0.00011	-70.00	-17.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 30

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00011	-70.00	-25.00	0.00011
-70.00	-30.00	0.00010	-70.00	-40.00	0.00010
-70.00	-50.00	0.00009	-70.00	-60.00	0.00008
-70.00	-70.00	0.00008	-70.00	-80.00	0.00008
-70.00	-90.00	0.00008	-70.00	-100.00	0.00007
-60.00	100.00	0.00013	-60.00	90.00	0.00013
-60.00	80.00	0.00013	-60.00	70.00	0.00013
-60.00	60.00	0.00013	-60.00	50.00	0.00013
-60.00	40.00	0.00013	-60.00	30.00	0.00013
-60.00	25.00	0.00013	-60.00	20.00	0.00013
-60.00	17.00	0.00013	-60.00	15.00	0.00013
-60.00	13.00	0.00013	-60.00	11.00	0.00013
-60.00	9.00	0.00013	-60.00	-9.00	0.00012
-60.00	-11.00	0.00012	-60.00	-13.00	0.00012
-60.00	-15.00	0.00012	-60.00	-17.00	0.00012
-60.00	-20.00	0.00012	-60.00	-25.00	0.00011
-60.00	-30.00	0.00011	-60.00	-40.00	0.00010
-60.00	-50.00	0.00010	-60.00	-60.00	0.00009
-60.00	-70.00	0.00009	-60.00	-80.00	0.00008

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00008	-60.00	-100.00	0.00008
-50.00	100.00	0.00015	-50.00	90.00	0.00014
-50.00	80.00	0.00014	-50.00	70.00	0.00014
-50.00	60.00	0.00014	-50.00	50.00	0.00014
-50.00	40.00	0.00014	-50.00	30.00	0.00014
-50.00	25.00	0.00014	-50.00	20.00	0.00014
-50.00	17.00	0.00014	-50.00	15.00	0.00014
-50.00	13.00	0.00014	-50.00	11.00	0.00014
-50.00	9.00	0.00014	-50.00	-9.00	0.00013
-50.00	-11.00	0.00013	-50.00	-13.00	0.00013
-50.00	-15.00	0.00013	-50.00	-17.00	0.00013
-50.00	-20.00	0.00013	-50.00	-25.00	0.00012
-50.00	-30.00	0.00012	-50.00	-40.00	0.00011
-50.00	-50.00	0.00010	-50.00	-60.00	0.00010
-50.00	-70.00	0.00009	-50.00	-80.00	0.00009
-50.00	-90.00	0.00009	-50.00	-100.00	0.00008
-40.00	100.00	0.00016	-40.00	90.00	0.00016
-40.00	80.00	0.00016	-40.00	70.00	0.00015
-40.00	60.00	0.00015	-40.00	50.00	0.00015
-40.00	40.00	0.00015	-40.00	30.00	0.00015
-40.00	25.00	0.00015	-40.00	20.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00015	-40.00	15.00	0.00015
-40.00	13.00	0.00015	-40.00	11.00	0.00015
-40.00	9.00	0.00015	-40.00	-9.00	0.00014
-40.00	-11.00	0.00014	-40.00	-13.00	0.00014
-40.00	-15.00	0.00014	-40.00	-17.00	0.00014
-40.00	-20.00	0.00014	-40.00	-25.00	0.00013
-40.00	-30.00	0.00013	-40.00	-40.00	0.00012
-40.00	-50.00	0.00011	-40.00	-60.00	0.00010
-40.00	-70.00	0.00010	-40.00	-80.00	0.00009
-40.00	-90.00	0.00009	-40.00	-100.00	0.00009
-30.00	100.00	0.00017	-30.00	90.00	0.00017
-30.00	80.00	0.00017	-30.00	70.00	0.00017
-30.00	60.00	0.00017	-30.00	50.00	0.00016

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00016	-30.00	30.00	0.00016
-30.00	25.00	0.00016	-30.00	20.00	0.00016
-30.00	17.00	0.00016	-30.00	15.00	0.00016
-30.00	13.00	0.00016	-30.00	11.00	0.00016
-30.00	9.00	0.00016	-30.00	-9.00	0.00016
-30.00	-11.00	0.00016	-30.00	-13.00	0.00015
-30.00	-15.00	0.00015	-30.00	-17.00	0.00015
-30.00	-20.00	0.00015	-30.00	-25.00	0.00014
-30.00	-30.00	0.00014	-30.00	-40.00	0.00013
-30.00	-50.00	0.00012	-30.00	-60.00	0.00011
-30.00	-70.00	0.00011	-30.00	-80.00	0.00010
-30.00	-90.00	0.00010	-30.00	-100.00	0.00009
-20.00	100.00	0.00019	-20.00	90.00	0.00019
-20.00	80.00	0.00019	-20.00	70.00	0.00019
-20.00	60.00	0.00018	-20.00	50.00	0.00018
-20.00	40.00	0.00018	-20.00	30.00	0.00018
-20.00	25.00	0.00018	-20.00	20.00	0.00018
-20.00	17.00	0.00018	-20.00	15.00	0.00018
-20.00	13.00	0.00018	-20.00	11.00	0.00018
-20.00	9.00	0.00018	-20.00	-9.00	0.00017
-20.00	-11.00	0.00017	-20.00	-13.00	0.00017
-20.00	-15.00	0.00017	-20.00	-17.00	0.00016
-20.00	-20.00	0.00016	-20.00	-25.00	0.00015
-20.00	-30.00	0.00015	-20.00	-40.00	0.00014
-20.00	-50.00	0.00013	-20.00	-60.00	0.00012
-20.00	-70.00	0.00011	-20.00	-80.00	0.00011
-20.00	-90.00	0.00010	-20.00	-100.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00021	-10.00	90.00	0.00021
-10.00	80.00	0.00021	-10.00	70.00	0.00021
-10.00	60.00	0.00020	-10.00	50.00	0.00020
-10.00	40.00	0.00020	-10.00	30.00	0.00019
-10.00	25.00	0.00019	-10.00	20.00	0.00019
-10.00	17.00	0.00019	-10.00	15.00	0.00019
-10.00	13.00	0.00019	-10.00	11.00	0.00019

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00019	-10.00	-9.00	0.00019
-10.00	-11.00	0.00019	-10.00	-13.00	0.00018
-10.00	-15.00	0.00018	-10.00	-17.00	0.00018
-10.00	-20.00	0.00018	-10.00	-25.00	0.00017
-10.00	-30.00	0.00016	-10.00	-40.00	0.00015
-10.00	-50.00	0.00014	-10.00	-60.00	0.00013
-10.00	-70.00	0.00012	-10.00	-80.00	0.00012
-10.00	-90.00	0.00011	-10.00	-100.00	0.00010
0.00	100.00	0.00022	0.00	90.00	0.00023
0.00	80.00	0.00023	0.00	70.00	0.00023
0.00	60.00	0.00023	0.00	50.00	0.00022
0.00	40.00	0.00022	0.00	30.00	0.00022
0.00	25.00	0.00022	0.00	20.00	0.00022
0.00	17.00	0.00022	0.00	15.00	0.00022
0.00	13.00	0.00022	0.00	11.00	0.00022
0.00	9.00	0.00022	0.00	-9.00	0.00021
0.00	-11.00	0.00021	0.00	-13.00	0.00020
0.00	-15.00	0.00020	0.00	-17.00	0.00020
0.00	-20.00	0.00019	0.00	-25.00	0.00018
0.00	-30.00	0.00017	0.00	-40.00	0.00016
0.00	-50.00	0.00015	0.00	-60.00	0.00014
0.00	-70.00	0.00013	0.00	-80.00	0.00013
0.00	-90.00	0.00012	0.00	-100.00	0.00011
10.00	100.00	0.00025	10.00	90.00	0.00025
10.00	80.00	0.00026	10.00	70.00	0.00026
10.00	60.00	0.00026	10.00	50.00	0.00025
10.00	40.00	0.00025	10.00	30.00	0.00024
10.00	25.00	0.00024	10.00	20.00	0.00024
10.00	17.00	0.00024	10.00	15.00	0.00024
10.00	13.00	0.00024	10.00	11.00	0.00024
10.00	9.00	0.00024	10.00	-9.00	0.00023
10.00	-11.00	0.00023	10.00	-13.00	0.00022
10.00	-15.00	0.00022	10.00	-17.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00021	10.00	-25.00	0.00020

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00019	10.00	-40.00	0.00017
10.00	-50.00	0.00016	10.00	-60.00	0.00015
10.00	-70.00	0.00014	10.00	-80.00	0.00014
10.00	-90.00	0.00013	10.00	-100.00	0.00012
20.00	100.00	0.00027	20.00	90.00	0.00028
20.00	80.00	0.00029	20.00	70.00	0.00029
20.00	60.00	0.00029	20.00	50.00	0.00028
20.00	40.00	0.00028	20.00	30.00	0.00027
20.00	25.00	0.00027	20.00	20.00	0.00027
20.00	17.00	0.00027	20.00	15.00	0.00027
20.00	13.00	0.00027	20.00	11.00	0.00027
20.00	9.00	0.00027	20.00	-9.00	0.00026
20.00	-11.00	0.00025	20.00	-13.00	0.00025
20.00	-15.00	0.00024	20.00	-17.00	0.00024
20.00	-20.00	0.00023	20.00	-25.00	0.00022
20.00	-30.00	0.00021	20.00	-40.00	0.00019
20.00	-50.00	0.00018	20.00	-60.00	0.00017
20.00	-70.00	0.00016	20.00	-80.00	0.00015
20.00	-90.00	0.00013	20.00	-100.00	0.00012
30.00	100.00	0.00029	30.00	90.00	0.00031
30.00	80.00	0.00032	30.00	70.00	0.00033
30.00	60.00	0.00033	30.00	50.00	0.00032
30.00	40.00	0.00032	30.00	30.00	0.00031
30.00	25.00	0.00030	30.00	20.00	0.00030
30.00	17.00	0.00030	30.00	15.00	0.00030
30.00	13.00	0.00030	30.00	11.00	0.00030
30.00	9.00	0.00030	30.00	-9.00	0.00029
30.00	-11.00	0.00028	30.00	-13.00	0.00028
30.00	-15.00	0.00027	30.00	-17.00	0.00027
30.00	-20.00	0.00026	30.00	-25.00	0.00024
30.00	-30.00	0.00023	30.00	-40.00	0.00021
30.00	-50.00	0.00020	30.00	-60.00	0.00018
30.00	-70.00	0.00017	30.00	-80.00	0.00016
30.00	-90.00	0.00014	30.00	-100.00	0.00013
40.00	100.00	0.00031	40.00	90.00	0.00034
40.00	80.00	0.00036	40.00	70.00	0.00037
40.00	60.00	0.00037	40.00	50.00	0.00037
40.00	40.00	0.00036	40.00	30.00	0.00035
40.00	25.00	0.00035	40.00	20.00	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00034	40.00	15.00	0.00034
40.00	13.00	0.00034	40.00	11.00	0.00034
40.00	9.00	0.00034	40.00	-9.00	0.00032
40.00	-11.00	0.00032	40.00	-13.00	0.00031
40.00	-15.00	0.00030	40.00	-17.00	0.00030
40.00	-20.00	0.00029	40.00	-25.00	0.00027
40.00	-30.00	0.00025	40.00	-40.00	0.00023
40.00	-50.00	0.00022	40.00	-60.00	0.00020
40.00	-70.00	0.00018	40.00	-80.00	0.00017
40.00	-90.00	0.00016	40.00	-100.00	0.00014
50.00	100.00	0.00033	50.00	90.00	0.00037
50.00	80.00	0.00039	50.00	70.00	0.00042
50.00	60.00	0.00043	50.00	50.00	0.00043
50.00	40.00	0.00042	50.00	30.00	0.00041
50.00	25.00	0.00040	50.00	20.00	0.00040
50.00	17.00	0.00040	50.00	15.00	0.00040
50.00	13.00	0.00040	50.00	11.00	0.00039
50.00	9.00	0.00039	50.00	-9.00	0.00037
50.00	-11.00	0.00036	50.00	-13.00	0.00035
50.00	-15.00	0.00034	50.00	-17.00	0.00033
50.00	-20.00	0.00032	50.00	-25.00	0.00030
50.00	-30.00	0.00028	50.00	-40.00	0.00026
50.00	-50.00	0.00024	50.00	-60.00	0.00022
50.00	-70.00	0.00020	50.00	-80.00	0.00018
50.00	-90.00	0.00017	50.00	-100.00	0.00016
60.00	100.00	0.00035	60.00	90.00	0.00039
60.00	80.00	0.00043	60.00	70.00	0.00047
60.00	60.00	0.00049	60.00	50.00	0.00050
60.00	40.00	0.00050	60.00	30.00	0.00048
60.00	25.00	0.00047	60.00	20.00	0.00046
60.00	17.00	0.00046	60.00	15.00	0.00046
60.00	13.00	0.00046	60.00	11.00	0.00046
60.00	9.00	0.00046	60.00	-9.00	0.00042
60.00	-11.00	0.00041	60.00	-13.00	0.00040
60.00	-15.00	0.00039	60.00	-17.00	0.00037
60.00	-20.00	0.00036	60.00	-25.00	0.00034
60.00	-30.00	0.00032	60.00	-40.00	0.00029
60.00	-50.00	0.00026	60.00	-60.00	0.00024
60.00	-70.00	0.00022	60.00	-80.00	0.00020

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00018 60.00 -100.00 0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00036	70.00	90.00	0.00042
70.00	80.00	0.00047	70.00	70.00	0.00052
70.00	60.00	0.00056	70.00	50.00	0.00059
70.00	40.00	0.00059	70.00	30.00	0.00058
70.00	25.00	0.00056	70.00	20.00	0.00055
70.00	17.00	0.00054	70.00	15.00	0.00054
70.00	13.00	0.00054	70.00	11.00	0.00054
70.00	9.00	0.00054	70.00	-9.00	0.00048
70.00	-11.00	0.00047	70.00	-13.00	0.00045
70.00	-15.00	0.00044	70.00	-17.00	0.00042
70.00	-20.00	0.00041	70.00	-25.00	0.00038
70.00	-30.00	0.00036	70.00	-40.00	0.00033
70.00	-50.00	0.00029	70.00	-60.00	0.00027
70.00	-70.00	0.00024	70.00	-80.00	0.00022
70.00	-90.00	0.00020	70.00	-100.00	0.00019
80.00	100.00	0.00037	80.00	90.00	0.00043
80.00	80.00	0.00050	80.00	70.00	0.00057
80.00	60.00	0.00064	80.00	50.00	0.00069
80.00	40.00	0.00071	80.00	30.00	0.00070
80.00	25.00	0.00068	80.00	20.00	0.00066
80.00	17.00	0.00065	80.00	15.00	0.00065
80.00	13.00	0.00064	80.00	11.00	0.00064
80.00	9.00	0.00064	80.00	-9.00	0.00056
80.00	-11.00	0.00054	80.00	-13.00	0.00052
80.00	-15.00	0.00050	80.00	-17.00	0.00048
80.00	-20.00	0.00046	80.00	-25.00	0.00043
80.00	-30.00	0.00041	80.00	-40.00	0.00037
80.00	-50.00	0.00033	80.00	-60.00	0.00029
80.00	-70.00	0.00027	80.00	-80.00	0.00025
80.00	-90.00	0.00023	80.00	-100.00	0.00021
90.00	100.00	0.00037	90.00	90.00	0.00044
90.00	80.00	0.00052	90.00	70.00	0.00061
90.00	60.00	0.00070	90.00	50.00	0.00079



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00085	90.00	30.00	0.00086
90.00	25.00	0.00085	90.00	20.00	0.00082
90.00	17.00	0.00080	90.00	15.00	0.00079
90.00	13.00	0.00078	90.00	11.00	0.00078
90.00	9.00	0.00077	90.00	-9.00	0.00065
90.00	-11.00	0.00062	90.00	-13.00	0.00060
90.00	-15.00	0.00058	90.00	-17.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00053	90.00	-25.00	0.00050
90.00	-30.00	0.00047	90.00	-40.00	0.00041
90.00	-50.00	0.00037	90.00	-60.00	0.00033
90.00	-70.00	0.00030	90.00	-80.00	0.00028
90.00	-90.00	0.00026	90.00	-100.00	0.00024
100.00	100.00	0.00036	100.00	90.00	0.00043
100.00	80.00	0.00053	100.00	70.00	0.00063
100.00	60.00	0.00075	100.00	50.00	0.00089
100.00	40.00	0.00100	100.00	30.00	0.00107
100.00	25.00	0.00107	100.00	20.00	0.00104
100.00	17.00	0.00102	100.00	15.00	0.00100
100.00	13.00	0.00098	100.00	11.00	0.00096
100.00	9.00	0.00095	100.00	-9.00	0.00075
100.00	-11.00	0.00072	100.00	-13.00	0.00069
100.00	-15.00	0.00067	100.00	-17.00	0.00064
100.00	-20.00	0.00061	100.00	-25.00	0.00057
100.00	-30.00	0.00053	100.00	-40.00	0.00047
100.00	-50.00	0.00042	100.00	-60.00	0.00038
100.00	-70.00	0.00035	100.00	-80.00	0.00032
100.00	-90.00	0.00029	100.00	-100.00	0.00027
110.00	100.00	0.00034	110.00	90.00	0.00042
110.00	80.00	0.00052	110.00	70.00	0.00064
110.00	60.00	0.00078	110.00	50.00	0.00095
110.00	40.00	0.00114	110.00	30.00	0.00130
110.00	25.00	0.00135	110.00	20.00	0.00135
110.00	17.00	0.00132	110.00	15.00	0.00130
110.00	13.00	0.00127	110.00	11.00	0.00124

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00121	110.00	-9.00	0.00088
110.00	-11.00	0.00084	110.00	-13.00	0.00080
110.00	-15.00	0.00077	110.00	-17.00	0.00074
110.00	-20.00	0.00070	110.00	-25.00	0.00065
110.00	-30.00	0.00061	110.00	-40.00	0.00054
110.00	-50.00	0.00049	110.00	-60.00	0.00044
110.00	-70.00	0.00040	110.00	-80.00	0.00036
110.00	-90.00	0.00033	110.00	-100.00	0.00030
120.00	100.00	0.00033	120.00	90.00	0.00040
120.00	80.00	0.00050	120.00	70.00	0.00063
120.00	60.00	0.00079	120.00	50.00	0.00099
120.00	40.00	0.00123	120.00	30.00	0.00149
120.00	25.00	0.00162	120.00	20.00	0.00171

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00174	120.00	15.00	0.00174
120.00	13.00	0.00171	120.00	11.00	0.00167
120.00	9.00	0.00162	120.00	-9.00	0.00103
120.00	-11.00	0.00098	120.00	-13.00	0.00093
120.00	-15.00	0.00089	120.00	-17.00	0.00086
120.00	-20.00	0.00081	120.00	-25.00	0.00076
120.00	-30.00	0.00072	120.00	-40.00	0.00064
120.00	-50.00	0.00057	120.00	-60.00	0.00051
120.00	-70.00	0.00046	120.00	-80.00	0.00041
120.00	-90.00	0.00037	120.00	-100.00	0.00033
130.00	100.00	0.00030	130.00	90.00	0.00038
130.00	80.00	0.00048	130.00	70.00	0.00061
130.00	60.00	0.00077	130.00	50.00	0.00099
130.00	40.00	0.00126	130.00	30.00	0.00160
130.00	25.00	0.00178	130.00	20.00	0.00197
130.00	17.00	0.00207	130.00	15.00	0.00213
130.00	13.00	0.00219	130.00	11.00	0.00224
130.00	9.00	0.00226	130.00	-9.00	0.00123
130.00	-11.00	0.00117	130.00	-13.00	0.00111
130.00	-15.00	0.00107	130.00	-17.00	0.00103
130.00	-20.00	0.00098	130.00	-25.00	0.00092

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00086	130.00	-40.00	0.00076
130.00	-50.00	0.00067	130.00	-60.00	0.00060
130.00	-70.00	0.00053	130.00	-80.00	0.00047
130.00	-90.00	0.00042	130.00	-100.00	0.00038
140.00	100.00	0.00027	140.00	90.00	0.00034
140.00	80.00	0.00044	140.00	70.00	0.00057
140.00	60.00	0.00074	140.00	50.00	0.00096
140.00	40.00	0.00126	140.00	30.00	0.00163
140.00	25.00	0.00184	140.00	20.00	0.00207
140.00	17.00	0.00220	140.00	15.00	0.00228
140.00	13.00	0.00237	140.00	11.00	0.00247
140.00	9.00	0.00257	140.00	-9.00	0.00207
140.00	-11.00	0.00180	140.00	-13.00	0.00163
140.00	-15.00	0.00151	140.00	-17.00	0.00143
140.00	-20.00	0.00133	140.00	-25.00	0.00120
140.00	-30.00	0.00111	140.00	-40.00	0.00095
140.00	-50.00	0.00082	140.00	-60.00	0.00071
140.00	-70.00	0.00062	140.00	-80.00	0.00054
140.00	-90.00	0.00048	140.00	-100.00	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00025	150.00	90.00	0.00031
150.00	80.00	0.00040	150.00	70.00	0.00052
150.00	60.00	0.00069	150.00	50.00	0.00092
150.00	40.00	0.00123	150.00	30.00	0.00163
150.00	25.00	0.00186	150.00	20.00	0.00211
150.00	17.00	0.00227	150.00	15.00	0.00237
150.00	13.00	0.00247	150.00	11.00	0.00259
150.00	9.00	0.00274	150.00	-9.00	0.00418
150.00	-11.00	0.00366	150.00	-13.00	0.00323
150.00	-15.00	0.00287	150.00	-17.00	0.00258
150.00	-20.00	0.00225	150.00	-25.00	0.00186
150.00	-30.00	0.00161	150.00	-40.00	0.00127
150.00	-50.00	0.00104	150.00	-60.00	0.00088
150.00	-70.00	0.00074	150.00	-80.00	0.00064
150.00	-90.00	0.00056	150.00	-100.00	0.00048

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00022	160.00	90.00	0.00028
160.00	80.00	0.00036	160.00	70.00	0.00047
160.00	60.00	0.00063	160.00	50.00	0.00085
160.00	40.00	0.00117	160.00	30.00	0.00159
160.00	25.00	0.00184	160.00	20.00	0.00212
160.00	17.00	0.00230	160.00	15.00	0.00243
160.00	13.00	0.00256	160.00	11.00	0.00270
160.00	9.00	0.00289	160.00	-9.00	0.00561
160.00	-11.00	0.00517	160.00	-13.00	0.00476
160.00	-15.00	0.00437	160.00	-17.00	0.00401
160.00	-20.00	0.00353	160.00	-25.00	0.00288
160.00	-30.00	0.00240	160.00	-40.00	0.00176
160.00	-50.00	0.00137	160.00	-60.00	0.00110
160.00	-70.00	0.00091	160.00	-80.00	0.00076
160.00	-90.00	0.00065	160.00	-100.00	0.00056
170.00	100.00	0.00020	170.00	90.00	0.00025
170.00	80.00	0.00032	170.00	70.00	0.00041
170.00	60.00	0.00055	170.00	50.00	0.00076
170.00	40.00	0.00107	170.00	30.00	0.00151
170.00	25.00	0.00178	170.00	20.00	0.00209
170.00	17.00	0.00230	170.00	15.00	0.00244
170.00	13.00	0.00260	170.00	11.00	0.00277
170.00	9.00	0.00299	170.00	-9.00	0.00643
170.00	-11.00	0.00607	170.00	-13.00	0.00573
170.00	-15.00	0.00539	170.00	-17.00	0.00506

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00459	170.00	-25.00	0.00387
170.00	-30.00	0.00326	170.00	-40.00	0.00236
170.00	-50.00	0.00179	170.00	-60.00	0.00140
170.00	-70.00	0.00112	170.00	-80.00	0.00091
170.00	-90.00	0.00076	170.00	-100.00	0.00064
180.00	100.00	0.00019	180.00	90.00	0.00023
180.00	80.00	0.00028	180.00	70.00	0.00036
180.00	60.00	0.00048	180.00	50.00	0.00066
180.00	40.00	0.00094	180.00	30.00	0.00138

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00167	180.00	20.00	0.00201
180.00	17.00	0.00223	180.00	15.00	0.00239
180.00	13.00	0.00257	180.00	11.00	0.00277
180.00	9.00	0.00301	180.00	-9.00	0.00690
180.00	-11.00	0.00660	180.00	-13.00	0.00632
180.00	-15.00	0.00603	180.00	-17.00	0.00574
180.00	-20.00	0.00531	180.00	-25.00	0.00461
180.00	-30.00	0.00398	180.00	-40.00	0.00296
180.00	-50.00	0.00223	180.00	-60.00	0.00172
180.00	-70.00	0.00135	180.00	-80.00	0.00109
180.00	-90.00	0.00089	180.00	-100.00	0.00074
190.00	100.00	0.00017	190.00	90.00	0.00020
190.00	80.00	0.00025	190.00	70.00	0.00031
190.00	60.00	0.00041	190.00	50.00	0.00055
190.00	40.00	0.00079	190.00	30.00	0.00120
190.00	25.00	0.00149	190.00	20.00	0.00184
190.00	17.00	0.00209	190.00	15.00	0.00227
190.00	13.00	0.00246	190.00	11.00	0.00268
190.00	9.00	0.00294	190.00	-9.00	0.00717
190.00	-11.00	0.00690	190.00	-13.00	0.00666
190.00	-15.00	0.00641	190.00	-17.00	0.00615
190.00	-20.00	0.00576	190.00	-25.00	0.00512
190.00	-30.00	0.00451	190.00	-40.00	0.00346
190.00	-50.00	0.00265	190.00	-60.00	0.00203
190.00	-70.00	0.00159	190.00	-80.00	0.00127
190.00	-90.00	0.00103	190.00	-100.00	0.00085
200.00	100.00	0.00016	200.00	90.00	0.00019
200.00	80.00	0.00023	200.00	70.00	0.00028
200.00	60.00	0.00036	200.00	50.00	0.00047
200.00	40.00	0.00066	200.00	30.00	0.00098
200.00	25.00	0.00123	200.00	20.00	0.00157

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00183	200.00	15.00	0.00202
200.00	13.00	0.00224	200.00	11.00	0.00248
200.00	9.00	0.00276	200.00	-9.00	0.00730

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00705	200.00	-13.00	0.00684
200.00	-15.00	0.00662	200.00	-17.00	0.00640
200.00	-20.00	0.00604	200.00	-25.00	0.00545
200.00	-30.00	0.00488	200.00	-40.00	0.00384
200.00	-50.00	0.00299	200.00	-60.00	0.00232
200.00	-70.00	0.00182	200.00	-80.00	0.00145
200.00	-90.00	0.00118	200.00	-100.00	0.00097
210.00	100.00	0.00015	210.00	90.00	0.00017
210.00	80.00	0.00021	210.00	70.00	0.00025
210.00	60.00	0.00032	210.00	50.00	0.00041
210.00	40.00	0.00055	210.00	30.00	0.00078
210.00	25.00	0.00096	210.00	20.00	0.00123
210.00	17.00	0.00144	210.00	15.00	0.00162
210.00	13.00	0.00183	210.00	11.00	0.00209
210.00	9.00	0.00241	210.00	-9.00	0.00733
210.00	-11.00	0.00710	210.00	-13.00	0.00690
210.00	-15.00	0.00672	210.00	-17.00	0.00652
210.00	-20.00	0.00620	210.00	-25.00	0.00564
210.00	-30.00	0.00509	210.00	-40.00	0.00408
210.00	-50.00	0.00324	210.00	-60.00	0.00256
210.00	-70.00	0.00203	210.00	-80.00	0.00163
210.00	-90.00	0.00132	210.00	-100.00	0.00109
220.00	100.00	0.00014	220.00	90.00	0.00016
220.00	80.00	0.00019	220.00	70.00	0.00023
220.00	60.00	0.00029	220.00	50.00	0.00037
220.00	40.00	0.00048	220.00	30.00	0.00066
220.00	25.00	0.00079	220.00	20.00	0.00097
220.00	17.00	0.00112	220.00	15.00	0.00123
220.00	13.00	0.00138	220.00	11.00	0.00156
220.00	9.00	0.00181	220.00	-9.00	0.00725
220.00	-11.00	0.00705	220.00	-13.00	0.00685
220.00	-15.00	0.00668	220.00	-17.00	0.00650
220.00	-20.00	0.00621	220.00	-25.00	0.00569
220.00	-30.00	0.00518	220.00	-40.00	0.00423
220.00	-50.00	0.00341	220.00	-60.00	0.00274
220.00	-70.00	0.00220	220.00	-80.00	0.00178
220.00	-90.00	0.00145	220.00	-100.00	0.00119

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

07NCRA\_PL92-300\_DPM\_TRAV\_ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00013	230.00	90.00	0.00015	
230.00	80.00	0.00018	230.00	70.00	0.00022	
230.00	60.00	0.00027	230.00	50.00	0.00034	
230.00	40.00	0.00044	230.00	30.00	0.00059	
230.00	25.00	0.00070	230.00	20.00	0.00085	
230.00	17.00	0.00097	230.00	15.00	0.00107	
230.00	13.00	0.00119	230.00	11.00	0.00133	
230.00	9.00	0.00152	230.00	-9.00	0.00644	
230.00	-11.00	0.00651	230.00	-13.00	0.00645	
230.00	-15.00	0.00633	230.00	-17.00	0.00622	
230.00	-20.00	0.00599	230.00	-25.00	0.00556	
230.00	-30.00	0.00511	230.00	-40.00	0.00424	
230.00	-50.00	0.00347	230.00	-60.00	0.00284	
230.00	-70.00	0.00231	230.00	-80.00	0.00189	
230.00	-90.00	0.00155	230.00	-100.00	0.00129	
240.00	100.00	0.00012	240.00	90.00	0.00015	
240.00	80.00	0.00017	240.00	70.00	0.00021	
240.00	60.00	0.00025	240.00	50.00	0.00031	
240.00	40.00	0.00040	240.00	30.00	0.00053	
240.00	25.00	0.00063	240.00	20.00	0.00076	
240.00	17.00	0.00087	240.00	15.00	0.00096	
240.00	13.00	0.00106	240.00	11.00	0.00118	
240.00	9.00	0.00133	240.00	-9.00	0.00430	
240.00	-11.00	0.00462	240.00	-13.00	0.00487	
240.00	-15.00	0.00504	240.00	-17.00	0.00513	
240.00	-20.00	0.00516	240.00	-25.00	0.00501	
240.00	-30.00	0.00472	240.00	-40.00	0.00407	
240.00	-50.00	0.00342	240.00	-60.00	0.00284	
240.00	-70.00	0.00236	240.00	-80.00	0.00196	
240.00	-90.00	0.00163	240.00	-100.00	0.00136	
250.00	100.00	0.00012	250.00	90.00	0.00014	
250.00	80.00	0.00016	250.00	70.00	0.00019	
250.00	60.00	0.00023	250.00	50.00	0.00029	
250.00	40.00	0.00037	250.00	30.00	0.00048	
250.00	25.00	0.00057	250.00	20.00	0.00068	
250.00	17.00	0.00077	250.00	15.00	0.00084	
250.00	13.00	0.00092	250.00	11.00	0.00101	
250.00	9.00	0.00112	250.00	-9.00	0.00287	
250.00	-11.00	0.00312	250.00	-13.00	0.00335	
250.00	-15.00	0.00355	250.00	-17.00	0.00372	

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00390	250.00	-25.00	0.00404
250.00	-30.00	0.00402	250.00	-40.00	0.00368
250.00	-50.00	0.00321	250.00	-60.00	0.00275
250.00	-70.00	0.00233	250.00	-80.00	0.00197
250.00	-90.00	0.00166	250.00	-100.00	0.00141

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00007	-250.00	90.00	0.00007
-250.00	80.00	0.00007	-250.00	70.00	0.00007
-250.00	60.00	0.00007	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00007
-250.00	9.00	0.00007	-250.00	-9.00	0.00007
-250.00	-11.00	0.00007	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00006
-250.00	-30.00	0.00006	-250.00	-40.00	0.00006
-250.00	-50.00	0.00006	-250.00	-60.00	0.00005
-250.00	-70.00	0.00005	-250.00	-80.00	0.00005
-250.00	-90.00	0.00005	-250.00	-100.00	0.00005
-240.00	100.00	0.00007	-240.00	90.00	0.00007
-240.00	80.00	0.00007	-240.00	70.00	0.00007
-240.00	60.00	0.00007	-240.00	50.00	0.00007
-240.00	40.00	0.00007	-240.00	30.00	0.00007
-240.00	25.00	0.00007	-240.00	20.00	0.00007



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00007	-240.00	15.00	0.00007
-240.00	13.00	0.00007	-240.00	11.00	0.00007
-240.00	9.00	0.00007	-240.00	-9.00	0.00007
-240.00	-11.00	0.00007	-240.00	-13.00	0.00007
-240.00	-15.00	0.00007	-240.00	-17.00	0.00007
-240.00	-20.00	0.00007	-240.00	-25.00	0.00007
-240.00	-30.00	0.00006	-240.00	-40.00	0.00006
-240.00	-50.00	0.00006	-240.00	-60.00	0.00006
-240.00	-70.00	0.00005	-240.00	-80.00	0.00005
-240.00	-90.00	0.00005	-240.00	-100.00	0.00005
-230.00	100.00	0.00008	-230.00	90.00	0.00008
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00007	-230.00	50.00	0.00007
-230.00	40.00	0.00007	-230.00	30.00	0.00007
-230.00	25.00	0.00007	-230.00	20.00	0.00007
-230.00	17.00	0.00007	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00007	-230.00	-25.00	0.00007
-230.00	-30.00	0.00007	-230.00	-40.00	0.00007
-230.00	-50.00	0.00006	-230.00	-60.00	0.00006
-230.00	-70.00	0.00006	-230.00	-80.00	0.00005
-230.00	-90.00	0.00005	-230.00	-100.00	0.00005
-220.00	100.00	0.00008	-220.00	90.00	0.00008
-220.00	80.00	0.00008	-220.00	70.00	0.00008
-220.00	60.00	0.00008	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008
-220.00	13.00	0.00008	-220.00	11.00	0.00008
-220.00	9.00	0.00008	-220.00	-9.00	0.00008
-220.00	-11.00	0.00008	-220.00	-13.00	0.00008

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00008	-220.00	-17.00	0.00008
-220.00	-20.00	0.00008	-220.00	-25.00	0.00007
-220.00	-30.00	0.00007	-220.00	-40.00	0.00007
-220.00	-50.00	0.00006	-220.00	-60.00	0.00006
-220.00	-70.00	0.00006	-220.00	-80.00	0.00006
-220.00	-90.00	0.00005	-220.00	-100.00	0.00005
-210.00	100.00	0.00009	-210.00	90.00	0.00009
-210.00	80.00	0.00008	-210.00	70.00	0.00008
-210.00	60.00	0.00008	-210.00	50.00	0.00008
-210.00	40.00	0.00008	-210.00	30.00	0.00008
-210.00	25.00	0.00008	-210.00	20.00	0.00008
-210.00	17.00	0.00008	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00008
-210.00	-11.00	0.00008	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00008
-210.00	-30.00	0.00008	-210.00	-40.00	0.00007
-210.00	-50.00	0.00007	-210.00	-60.00	0.00006
-210.00	-70.00	0.00006	-210.00	-80.00	0.00006
-210.00	-90.00	0.00006	-210.00	-100.00	0.00005
-200.00	100.00	0.00009	-200.00	90.00	0.00009
-200.00	80.00	0.00009	-200.00	70.00	0.00009
-200.00	60.00	0.00009	-200.00	50.00	0.00009
-200.00	40.00	0.00009	-200.00	30.00	0.00009
-200.00	25.00	0.00009	-200.00	20.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00009
-200.00	-11.00	0.00009	-200.00	-13.00	0.00009
-200.00	-15.00	0.00009	-200.00	-17.00	0.00009
-200.00	-20.00	0.00008	-200.00	-25.00	0.00008
-200.00	-30.00	0.00008	-200.00	-40.00	0.00008
-200.00	-50.00	0.00007	-200.00	-60.00	0.00007



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00011	-170.00	50.00	0.00011
-170.00	40.00	0.00011	-170.00	30.00	0.00011
-170.00	25.00	0.00011	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00011	-170.00	11.00	0.00011
-170.00	9.00	0.00011	-170.00	-9.00	0.00011
-170.00	-11.00	0.00011	-170.00	-13.00	0.00011
-170.00	-15.00	0.00010	-170.00	-17.00	0.00010
-170.00	-20.00	0.00010	-170.00	-25.00	0.00010
-170.00	-30.00	0.00010	-170.00	-40.00	0.00009
-170.00	-50.00	0.00008	-170.00	-60.00	0.00008
-170.00	-70.00	0.00008	-170.00	-80.00	0.00007
-170.00	-90.00	0.00007	-170.00	-100.00	0.00007
-160.00	100.00	0.00012	-160.00	90.00	0.00012
-160.00	80.00	0.00012	-160.00	70.00	0.00012
-160.00	60.00	0.00012	-160.00	50.00	0.00012
-160.00	40.00	0.00012	-160.00	30.00	0.00012
-160.00	25.00	0.00012	-160.00	20.00	0.00012
-160.00	17.00	0.00012	-160.00	15.00	0.00012
-160.00	13.00	0.00012	-160.00	11.00	0.00012
-160.00	9.00	0.00012	-160.00	-9.00	0.00011
-160.00	-11.00	0.00011	-160.00	-13.00	0.00011
-160.00	-15.00	0.00011	-160.00	-17.00	0.00011
-160.00	-20.00	0.00011	-160.00	-25.00	0.00011
-160.00	-30.00	0.00010	-160.00	-40.00	0.00010
-160.00	-50.00	0.00009	-160.00	-60.00	0.00008
-160.00	-70.00	0.00008	-160.00	-80.00	0.00008
-160.00	-90.00	0.00008	-160.00	-100.00	0.00007
-150.00	100.00	0.00013	-150.00	90.00	0.00013
-150.00	80.00	0.00013	-150.00	70.00	0.00013
-150.00	60.00	0.00013	-150.00	50.00	0.00013
-150.00	40.00	0.00013	-150.00	30.00	0.00013
-150.00	25.00	0.00013	-150.00	20.00	0.00013
-150.00	17.00	0.00013	-150.00	15.00	0.00013
-150.00	13.00	0.00013	-150.00	11.00	0.00013
-150.00	9.00	0.00013	-150.00	-9.00	0.00012
-150.00	-11.00	0.00012	-150.00	-13.00	0.00012
-150.00	-15.00	0.00012	-150.00	-17.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

07NCRA PL92-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00012	-150.00	-25.00	0.00011	
-150.00	-30.00	0.00011	-150.00	-40.00	0.00010	
-150.00	-50.00	0.00010	-150.00	-60.00	0.00009	
-150.00	-70.00	0.00009	-150.00	-80.00	0.00008	
-150.00	-90.00	0.00008	-150.00	-100.00	0.00008	
-140.00	100.00	0.00015	-140.00	90.00	0.00014	
-140.00	80.00	0.00014	-140.00	70.00	0.00014	
-140.00	60.00	0.00014	-140.00	50.00	0.00014	
-140.00	40.00	0.00014	-140.00	30.00	0.00014	
-140.00	25.00	0.00014	-140.00	20.00	0.00014	
-140.00	17.00	0.00014	-140.00	15.00	0.00014	
-140.00	13.00	0.00014	-140.00	11.00	0.00014	
-140.00	9.00	0.00014	-140.00	-9.00	0.00013	
-140.00	-11.00	0.00013	-140.00	-13.00	0.00013	
-140.00	-15.00	0.00013	-140.00	-17.00	0.00013	
-140.00	-20.00	0.00013	-140.00	-25.00	0.00012	
-140.00	-30.00	0.00012	-140.00	-40.00	0.00011	
-140.00	-50.00	0.00010	-140.00	-60.00	0.00010	
-140.00	-70.00	0.00009	-140.00	-80.00	0.00009	
-140.00	-90.00	0.00009	-140.00	-100.00	0.00008	
-130.00	100.00	0.00016	-130.00	90.00	0.00016	
-130.00	80.00	0.00016	-130.00	70.00	0.00015	
-130.00	60.00	0.00015	-130.00	50.00	0.00015	
-130.00	40.00	0.00015	-130.00	30.00	0.00015	
-130.00	25.00	0.00015	-130.00	20.00	0.00015	
-130.00	17.00	0.00015	-130.00	15.00	0.00015	
-130.00	13.00	0.00015	-130.00	11.00	0.00015	
-130.00	9.00	0.00015	-130.00	-9.00	0.00014	
-130.00	-11.00	0.00014	-130.00	-13.00	0.00014	
-130.00	-15.00	0.00014	-130.00	-17.00	0.00014	
-130.00	-20.00	0.00014	-130.00	-25.00	0.00013	
-130.00	-30.00	0.00013	-130.00	-40.00	0.00012	
-130.00	-50.00	0.00011	-130.00	-60.00	0.00010	
-130.00	-70.00	0.00010	-130.00	-80.00	0.00009	
-130.00	-90.00	0.00009	-130.00	-100.00	0.00009	
-120.00	100.00	0.00017	-120.00	90.00	0.00017	
-120.00	80.00	0.00017	-120.00	70.00	0.00017	
-120.00	60.00	0.00017	-120.00	50.00	0.00016	
-120.00	40.00	0.00016	-120.00	30.00	0.00016	
-120.00	25.00	0.00016	-120.00	20.00	0.00016	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00016	-120.00	15.00	0.00016
-120.00	13.00	0.00016	-120.00	11.00	0.00016
-120.00	9.00	0.00016	-120.00	-9.00	0.00016
-120.00	-11.00	0.00016	-120.00	-13.00	0.00015
-120.00	-15.00	0.00015	-120.00	-17.00	0.00015
-120.00	-20.00	0.00015	-120.00	-25.00	0.00014
-120.00	-30.00	0.00014	-120.00	-40.00	0.00013
-120.00	-50.00	0.00012	-120.00	-60.00	0.00011
-120.00	-70.00	0.00011	-120.00	-80.00	0.00010
-120.00	-90.00	0.00010	-120.00	-100.00	0.00009
-110.00	100.00	0.00019	-110.00	90.00	0.00019
-110.00	80.00	0.00019	-110.00	70.00	0.00019
-110.00	60.00	0.00018	-110.00	50.00	0.00018
-110.00	40.00	0.00018	-110.00	30.00	0.00018
-110.00	25.00	0.00018	-110.00	20.00	0.00018
-110.00	17.00	0.00018	-110.00	15.00	0.00018
-110.00	13.00	0.00018	-110.00	11.00	0.00018
-110.00	9.00	0.00018	-110.00	-9.00	0.00017
-110.00	-11.00	0.00017	-110.00	-13.00	0.00017
-110.00	-15.00	0.00017	-110.00	-17.00	0.00016
-110.00	-20.00	0.00016	-110.00	-25.00	0.00015
-110.00	-30.00	0.00015	-110.00	-40.00	0.00014
-110.00	-50.00	0.00013	-110.00	-60.00	0.00012
-110.00	-70.00	0.00011	-110.00	-80.00	0.00011
-110.00	-90.00	0.00010	-110.00	-100.00	0.00010
-100.00	100.00	0.00021	-100.00	90.00	0.00021
-100.00	80.00	0.00021	-100.00	70.00	0.00021
-100.00	60.00	0.00020	-100.00	50.00	0.00020
-100.00	40.00	0.00020	-100.00	30.00	0.00019
-100.00	25.00	0.00019	-100.00	20.00	0.00019
-100.00	17.00	0.00019	-100.00	15.00	0.00019
-100.00	13.00	0.00019	-100.00	11.00	0.00019
-100.00	9.00	0.00019	-100.00	-9.00	0.00019
-100.00	-11.00	0.00019	-100.00	-13.00	0.00018

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00018	-100.00	-17.00	0.00018
-100.00	-20.00	0.00018	-100.00	-25.00	0.00017
-100.00	-30.00	0.00016	-100.00	-40.00	0.00015
-100.00	-50.00	0.00014	-100.00	-60.00	0.00013
-100.00	-70.00	0.00012	-100.00	-80.00	0.00012
-100.00	-90.00	0.00011	-100.00	-100.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00022	-90.00	90.00	0.00023
-90.00	80.00	0.00023	-90.00	70.00	0.00023
-90.00	60.00	0.00023	-90.00	50.00	0.00022
-90.00	40.00	0.00022	-90.00	30.00	0.00022
-90.00	25.00	0.00022	-90.00	20.00	0.00022
-90.00	17.00	0.00022	-90.00	15.00	0.00022
-90.00	13.00	0.00022	-90.00	11.00	0.00022
-90.00	9.00	0.00022	-90.00	-9.00	0.00021
-90.00	-11.00	0.00021	-90.00	-13.00	0.00020
-90.00	-15.00	0.00020	-90.00	-17.00	0.00020
-90.00	-20.00	0.00019	-90.00	-25.00	0.00018
-90.00	-30.00	0.00017	-90.00	-40.00	0.00016
-90.00	-50.00	0.00015	-90.00	-60.00	0.00014
-90.00	-70.00	0.00013	-90.00	-80.00	0.00013
-90.00	-90.00	0.00012	-90.00	-100.00	0.00011
-80.00	100.00	0.00025	-80.00	90.00	0.00025
-80.00	80.00	0.00026	-80.00	70.00	0.00026
-80.00	60.00	0.00026	-80.00	50.00	0.00025
-80.00	40.00	0.00025	-80.00	30.00	0.00024
-80.00	25.00	0.00024	-80.00	20.00	0.00024
-80.00	17.00	0.00024	-80.00	15.00	0.00024
-80.00	13.00	0.00024	-80.00	11.00	0.00024
-80.00	9.00	0.00024	-80.00	-9.00	0.00023
-80.00	-11.00	0.00023	-80.00	-13.00	0.00022
-80.00	-15.00	0.00022	-80.00	-17.00	0.00022
-80.00	-20.00	0.00021	-80.00	-25.00	0.00020
-80.00	-30.00	0.00019	-80.00	-40.00	0.00017
-80.00	-50.00	0.00016	-80.00	-60.00	0.00015

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00014	-80.00	-80.00	0.00014
-80.00	-90.00	0.00013	-80.00	-100.00	0.00012
-70.00	100.00	0.00027	-70.00	90.00	0.00028
-70.00	80.00	0.00029	-70.00	70.00	0.00029
-70.00	60.00	0.00029	-70.00	50.00	0.00028
-70.00	40.00	0.00028	-70.00	30.00	0.00027
-70.00	25.00	0.00027	-70.00	20.00	0.00027
-70.00	17.00	0.00027	-70.00	15.00	0.00027
-70.00	13.00	0.00027	-70.00	11.00	0.00027
-70.00	9.00	0.00027	-70.00	-9.00	0.00026
-70.00	-11.00	0.00025	-70.00	-13.00	0.00025
-70.00	-15.00	0.00024	-70.00	-17.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00023	-70.00	-25.00	0.00022
-70.00	-30.00	0.00021	-70.00	-40.00	0.00019
-70.00	-50.00	0.00018	-70.00	-60.00	0.00017
-70.00	-70.00	0.00016	-70.00	-80.00	0.00015
-70.00	-90.00	0.00013	-70.00	-100.00	0.00012
-60.00	100.00	0.00029	-60.00	90.00	0.00031
-60.00	80.00	0.00032	-60.00	70.00	0.00033
-60.00	60.00	0.00033	-60.00	50.00	0.00032
-60.00	40.00	0.00032	-60.00	30.00	0.00031
-60.00	25.00	0.00030	-60.00	20.00	0.00030
-60.00	17.00	0.00030	-60.00	15.00	0.00030
-60.00	13.00	0.00030	-60.00	11.00	0.00030
-60.00	9.00	0.00030	-60.00	-9.00	0.00029
-60.00	-11.00	0.00028	-60.00	-13.00	0.00028
-60.00	-15.00	0.00027	-60.00	-17.00	0.00027
-60.00	-20.00	0.00026	-60.00	-25.00	0.00024
-60.00	-30.00	0.00023	-60.00	-40.00	0.00021
-60.00	-50.00	0.00020	-60.00	-60.00	0.00018
-60.00	-70.00	0.00017	-60.00	-80.00	0.00016
-60.00	-90.00	0.00014	-60.00	-100.00	0.00013
-50.00	100.00	0.00031	-50.00	90.00	0.00034
-50.00	80.00	0.00036	-50.00	70.00	0.00037



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00037	-50.00	50.00	0.00037
-50.00	40.00	0.00036	-50.00	30.00	0.00035
-50.00	25.00	0.00035	-50.00	20.00	0.00035
-50.00	17.00	0.00034	-50.00	15.00	0.00034
-50.00	13.00	0.00034	-50.00	11.00	0.00034
-50.00	9.00	0.00034	-50.00	-9.00	0.00032
-50.00	-11.00	0.00032	-50.00	-13.00	0.00031
-50.00	-15.00	0.00030	-50.00	-17.00	0.00030
-50.00	-20.00	0.00029	-50.00	-25.00	0.00027
-50.00	-30.00	0.00025	-50.00	-40.00	0.00023
-50.00	-50.00	0.00022	-50.00	-60.00	0.00020
-50.00	-70.00	0.00018	-50.00	-80.00	0.00017
-50.00	-90.00	0.00016	-50.00	-100.00	0.00014
-40.00	100.00	0.00033	-40.00	90.00	0.00037
-40.00	80.00	0.00039	-40.00	70.00	0.00042
-40.00	60.00	0.00043	-40.00	50.00	0.00043
-40.00	40.00	0.00042	-40.00	30.00	0.00041
-40.00	25.00	0.00040	-40.00	20.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 51

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00040	-40.00	15.00	0.00040
-40.00	13.00	0.00040	-40.00	11.00	0.00039
-40.00	9.00	0.00039	-40.00	-9.00	0.00037
-40.00	-11.00	0.00036	-40.00	-13.00	0.00035
-40.00	-15.00	0.00034	-40.00	-17.00	0.00033
-40.00	-20.00	0.00032	-40.00	-25.00	0.00030
-40.00	-30.00	0.00028	-40.00	-40.00	0.00026
-40.00	-50.00	0.00024	-40.00	-60.00	0.00022
-40.00	-70.00	0.00020	-40.00	-80.00	0.00018
-40.00	-90.00	0.00017	-40.00	-100.00	0.00016
-30.00	100.00	0.00035	-30.00	90.00	0.00039
-30.00	80.00	0.00043	-30.00	70.00	0.00047
-30.00	60.00	0.00049	-30.00	50.00	0.00050
-30.00	40.00	0.00050	-30.00	30.00	0.00048
-30.00	25.00	0.00047	-30.00	20.00	0.00046
-30.00	17.00	0.00046	-30.00	15.00	0.00046

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00046	-30.00	11.00	0.00046
-30.00	9.00	0.00046	-30.00	-9.00	0.00042
-30.00	-11.00	0.00041	-30.00	-13.00	0.00040
-30.00	-15.00	0.00039	-30.00	-17.00	0.00037
-30.00	-20.00	0.00036	-30.00	-25.00	0.00034
-30.00	-30.00	0.00032	-30.00	-40.00	0.00029
-30.00	-50.00	0.00026	-30.00	-60.00	0.00024
-30.00	-70.00	0.00022	-30.00	-80.00	0.00020
-30.00	-90.00	0.00018	-30.00	-100.00	0.00017
-20.00	100.00	0.00036	-20.00	90.00	0.00042
-20.00	80.00	0.00047	-20.00	70.00	0.00052
-20.00	60.00	0.00056	-20.00	50.00	0.00059
-20.00	40.00	0.00059	-20.00	30.00	0.00058
-20.00	25.00	0.00056	-20.00	20.00	0.00055
-20.00	17.00	0.00054	-20.00	15.00	0.00054
-20.00	13.00	0.00054	-20.00	11.00	0.00054
-20.00	9.00	0.00054	-20.00	-9.00	0.00048
-20.00	-11.00	0.00047	-20.00	-13.00	0.00045
-20.00	-15.00	0.00044	-20.00	-17.00	0.00042
-20.00	-20.00	0.00041	-20.00	-25.00	0.00038
-20.00	-30.00	0.00036	-20.00	-40.00	0.00033
-20.00	-50.00	0.00029	-20.00	-60.00	0.00027
-20.00	-70.00	0.00024	-20.00	-80.00	0.00022
-20.00	-90.00	0.00020	-20.00	-100.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00037	-10.00	90.00	0.00043
-10.00	80.00	0.00050	-10.00	70.00	0.00057
-10.00	60.00	0.00064	-10.00	50.00	0.00069
-10.00	40.00	0.00071	-10.00	30.00	0.00070
-10.00	25.00	0.00068	-10.00	20.00	0.00066
-10.00	17.00	0.00065	-10.00	15.00	0.00065
-10.00	13.00	0.00064	-10.00	11.00	0.00064
-10.00	9.00	0.00064	-10.00	-9.00	0.00056
-10.00	-11.00	0.00054	-10.00	-13.00	0.00052
-10.00	-15.00	0.00050	-10.00	-17.00	0.00048

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00046	-10.00	-25.00	0.00043
-10.00	-30.00	0.00041	-10.00	-40.00	0.00037
-10.00	-50.00	0.00033	-10.00	-60.00	0.00029
-10.00	-70.00	0.00027	-10.00	-80.00	0.00025
-10.00	-90.00	0.00023	-10.00	-100.00	0.00021
0.00	100.00	0.00037	0.00	90.00	0.00044
0.00	80.00	0.00052	0.00	70.00	0.00061
0.00	60.00	0.00070	0.00	50.00	0.00079
0.00	40.00	0.00085	0.00	30.00	0.00086
0.00	25.00	0.00085	0.00	20.00	0.00082
0.00	17.00	0.00080	0.00	15.00	0.00079
0.00	13.00	0.00078	0.00	11.00	0.00078
0.00	9.00	0.00077	0.00	-9.00	0.00065
0.00	-11.00	0.00062	0.00	-13.00	0.00060
0.00	-15.00	0.00058	0.00	-17.00	0.00056
0.00	-20.00	0.00053	0.00	-25.00	0.00050
0.00	-30.00	0.00047	0.00	-40.00	0.00041
0.00	-50.00	0.00037	0.00	-60.00	0.00033
0.00	-70.00	0.00030	0.00	-80.00	0.00028
0.00	-90.00	0.00026	0.00	-100.00	0.00024
10.00	100.00	0.00036	10.00	90.00	0.00043
10.00	80.00	0.00053	10.00	70.00	0.00063
10.00	60.00	0.00075	10.00	50.00	0.00089
10.00	40.00	0.00100	10.00	30.00	0.00107
10.00	25.00	0.00107	10.00	20.00	0.00104
10.00	17.00	0.00102	10.00	15.00	0.00100
10.00	13.00	0.00098	10.00	11.00	0.00096
10.00	9.00	0.00095	10.00	-9.00	0.00075
10.00	-11.00	0.00072	10.00	-13.00	0.00069
10.00	-15.00	0.00067	10.00	-17.00	0.00064

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 53  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00061	10.00	-25.00	0.00057
10.00	-30.00	0.00053	10.00	-40.00	0.00047
10.00	-50.00	0.00042	10.00	-60.00	0.00038
10.00	-70.00	0.00035	10.00	-80.00	0.00032

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00029	10.00	-100.00	0.00027
20.00	100.00	0.00034	20.00	90.00	0.00042
20.00	80.00	0.00052	20.00	70.00	0.00064
20.00	60.00	0.00078	20.00	50.00	0.00095
20.00	40.00	0.00114	20.00	30.00	0.00130
20.00	25.00	0.00135	20.00	20.00	0.00135
20.00	17.00	0.00132	20.00	15.00	0.00130
20.00	13.00	0.00127	20.00	11.00	0.00124
20.00	9.00	0.00121	20.00	-9.00	0.00088
20.00	-11.00	0.00084	20.00	-13.00	0.00080
20.00	-15.00	0.00077	20.00	-17.00	0.00074
20.00	-20.00	0.00070	20.00	-25.00	0.00065
20.00	-30.00	0.00061	20.00	-40.00	0.00054
20.00	-50.00	0.00049	20.00	-60.00	0.00044
20.00	-70.00	0.00040	20.00	-80.00	0.00036
20.00	-90.00	0.00033	20.00	-100.00	0.00030
30.00	100.00	0.00033	30.00	90.00	0.00040
30.00	80.00	0.00050	30.00	70.00	0.00063
30.00	60.00	0.00079	30.00	50.00	0.00099
30.00	40.00	0.00123	30.00	30.00	0.00149
30.00	25.00	0.00162	30.00	20.00	0.00171
30.00	17.00	0.00174	30.00	15.00	0.00174
30.00	13.00	0.00171	30.00	11.00	0.00167
30.00	9.00	0.00162	30.00	-9.00	0.00103
30.00	-11.00	0.00098	30.00	-13.00	0.00093
30.00	-15.00	0.00089	30.00	-17.00	0.00086
30.00	-20.00	0.00081	30.00	-25.00	0.00076
30.00	-30.00	0.00072	30.00	-40.00	0.00064
30.00	-50.00	0.00057	30.00	-60.00	0.00051
30.00	-70.00	0.00046	30.00	-80.00	0.00041
30.00	-90.00	0.00037	30.00	-100.00	0.00033
40.00	100.00	0.00030	40.00	90.00	0.00038
40.00	80.00	0.00048	40.00	70.00	0.00061
40.00	60.00	0.00077	40.00	50.00	0.00099
40.00	40.00	0.00126	40.00	30.00	0.00160
40.00	25.00	0.00178	40.00	20.00	0.00197

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 54

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

07NCRA PL92-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00207	40.00	15.00	0.00213
40.00	13.00	0.00219	40.00	11.00	0.00224
40.00	9.00	0.00226	40.00	-9.00	0.00123
40.00	-11.00	0.00117	40.00	-13.00	0.00111
40.00	-15.00	0.00107	40.00	-17.00	0.00103
40.00	-20.00	0.00098	40.00	-25.00	0.00092
40.00	-30.00	0.00086	40.00	-40.00	0.00076
40.00	-50.00	0.00067	40.00	-60.00	0.00060
40.00	-70.00	0.00053	40.00	-80.00	0.00047
40.00	-90.00	0.00042	40.00	-100.00	0.00038
50.00	100.00	0.00027	50.00	90.00	0.00034
50.00	80.00	0.00044	50.00	70.00	0.00057
50.00	60.00	0.00074	50.00	50.00	0.00096
50.00	40.00	0.00126	50.00	30.00	0.00163
50.00	25.00	0.00184	50.00	20.00	0.00207
50.00	17.00	0.00220	50.00	15.00	0.00228
50.00	13.00	0.00237	50.00	11.00	0.00247
50.00	9.00	0.00257	50.00	-9.00	0.00207
50.00	-11.00	0.00180	50.00	-13.00	0.00163
50.00	-15.00	0.00151	50.00	-17.00	0.00143
50.00	-20.00	0.00133	50.00	-25.00	0.00120
50.00	-30.00	0.00111	50.00	-40.00	0.00095
50.00	-50.00	0.00082	50.00	-60.00	0.00071
50.00	-70.00	0.00062	50.00	-80.00	0.00054
50.00	-90.00	0.00048	50.00	-100.00	0.00043
60.00	100.00	0.00025	60.00	90.00	0.00031
60.00	80.00	0.00040	60.00	70.00	0.00052
60.00	60.00	0.00069	60.00	50.00	0.00092
60.00	40.00	0.00123	60.00	30.00	0.00163
60.00	25.00	0.00186	60.00	20.00	0.00211
60.00	17.00	0.00227	60.00	15.00	0.00237
60.00	13.00	0.00247	60.00	11.00	0.00259
60.00	9.00	0.00274	60.00	-9.00	0.00418
60.00	-11.00	0.00366	60.00	-13.00	0.00323
60.00	-15.00	0.00287	60.00	-17.00	0.00258
60.00	-20.00	0.00225	60.00	-25.00	0.00186
60.00	-30.00	0.00161	60.00	-40.00	0.00127
60.00	-50.00	0.00104	60.00	-60.00	0.00088
60.00	-70.00	0.00074	60.00	-80.00	0.00064
60.00	-90.00	0.00056	60.00	-100.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTS:  
PAGE 55

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00022	70.00	90.00	0.00028
70.00	80.00	0.00036	70.00	70.00	0.00047
70.00	60.00	0.00063	70.00	50.00	0.00085
70.00	40.00	0.00117	70.00	30.00	0.00159
70.00	25.00	0.00184	70.00	20.00	0.00212
70.00	17.00	0.00230	70.00	15.00	0.00243
70.00	13.00	0.00256	70.00	11.00	0.00270
70.00	9.00	0.00289	70.00	-9.00	0.00561
70.00	-11.00	0.00517	70.00	-13.00	0.00476
70.00	-15.00	0.00437	70.00	-17.00	0.00401
70.00	-20.00	0.00353	70.00	-25.00	0.00288
70.00	-30.00	0.00240	70.00	-40.00	0.00176
70.00	-50.00	0.00137	70.00	-60.00	0.00110
70.00	-70.00	0.00091	70.00	-80.00	0.00076
70.00	-90.00	0.00065	70.00	-100.00	0.00056
80.00	100.00	0.00020	80.00	90.00	0.00025
80.00	80.00	0.00032	80.00	70.00	0.00041
80.00	60.00	0.00055	80.00	50.00	0.00076
80.00	40.00	0.00107	80.00	30.00	0.00151
80.00	25.00	0.00178	80.00	20.00	0.00209
80.00	17.00	0.00230	80.00	15.00	0.00244
80.00	13.00	0.00260	80.00	11.00	0.00277
80.00	9.00	0.00299	80.00	-9.00	0.00643
80.00	-11.00	0.00607	80.00	-13.00	0.00573
80.00	-15.00	0.00539	80.00	-17.00	0.00506
80.00	-20.00	0.00459	80.00	-25.00	0.00387
80.00	-30.00	0.00326	80.00	-40.00	0.00236
80.00	-50.00	0.00179	80.00	-60.00	0.00140
80.00	-70.00	0.00112	80.00	-80.00	0.00091
80.00	-90.00	0.00076	80.00	-100.00	0.00064
90.00	100.00	0.00019	90.00	90.00	0.00023
90.00	80.00	0.00028	90.00	70.00	0.00036
90.00	60.00	0.00048	90.00	50.00	0.00066
90.00	40.00	0.00094	90.00	30.00	0.00138
90.00	25.00	0.00167	90.00	20.00	0.00201
90.00	17.00	0.00223	90.00	15.00	0.00239

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00257	90.00	11.00	0.00277
90.00	9.00	0.00301	90.00	-9.00	0.00690
90.00	-11.00	0.00660	90.00	-13.00	0.00632
90.00	-15.00	0.00603	90.00	-17.00	0.00574

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00531	90.00	-25.00	0.00461
90.00	-30.00	0.00398	90.00	-40.00	0.00296
90.00	-50.00	0.00223	90.00	-60.00	0.00172
90.00	-70.00	0.00135	90.00	-80.00	0.00109
90.00	-90.00	0.00089	90.00	-100.00	0.00074
100.00	100.00	0.00017	100.00	90.00	0.00020
100.00	80.00	0.00025	100.00	70.00	0.00031
100.00	60.00	0.00041	100.00	50.00	0.00055
100.00	40.00	0.00079	100.00	30.00	0.00120
100.00	25.00	0.00149	100.00	20.00	0.00184
100.00	17.00	0.00209	100.00	15.00	0.00227
100.00	13.00	0.00246	100.00	11.00	0.00268
100.00	9.00	0.00294	100.00	-9.00	0.00717
100.00	-11.00	0.00690	100.00	-13.00	0.00666
100.00	-15.00	0.00641	100.00	-17.00	0.00615
100.00	-20.00	0.00576	100.00	-25.00	0.00512
100.00	-30.00	0.00451	100.00	-40.00	0.00346
100.00	-50.00	0.00265	100.00	-60.00	0.00203
100.00	-70.00	0.00159	100.00	-80.00	0.00127
100.00	-90.00	0.00103	100.00	-100.00	0.00085
110.00	100.00	0.00016	110.00	90.00	0.00019
110.00	80.00	0.00023	110.00	70.00	0.00028
110.00	60.00	0.00036	110.00	50.00	0.00047
110.00	40.00	0.00066	110.00	30.00	0.00098
110.00	25.00	0.00123	110.00	20.00	0.00157
110.00	17.00	0.00183	110.00	15.00	0.00202
110.00	13.00	0.00224	110.00	11.00	0.00248
110.00	9.00	0.00276	110.00	-9.00	0.00730
110.00	-11.00	0.00705	110.00	-13.00	0.00684
110.00	-15.00	0.00662	110.00	-17.00	0.00640

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00604	110.00	-25.00	0.00545
110.00	-30.00	0.00488	110.00	-40.00	0.00384
110.00	-50.00	0.00299	110.00	-60.00	0.00232
110.00	-70.00	0.00182	110.00	-80.00	0.00145
110.00	-90.00	0.00118	110.00	-100.00	0.00097
120.00	100.00	0.00015	120.00	90.00	0.00017
120.00	80.00	0.00021	120.00	70.00	0.00025
120.00	60.00	0.00032	120.00	50.00	0.00041
120.00	40.00	0.00055	120.00	30.00	0.00078
120.00	25.00	0.00096	120.00	20.00	0.00123

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00144	120.00	15.00	0.00162
120.00	13.00	0.00183	120.00	11.00	0.00209
120.00	9.00	0.00241	120.00	-9.00	0.00733
120.00	-11.00	0.00710	120.00	-13.00	0.00690
120.00	-15.00	0.00672	120.00	-17.00	0.00652
120.00	-20.00	0.00620	120.00	-25.00	0.00564
120.00	-30.00	0.00509	120.00	-40.00	0.00408
120.00	-50.00	0.00324	120.00	-60.00	0.00256
120.00	-70.00	0.00203	120.00	-80.00	0.00163
120.00	-90.00	0.00132	120.00	-100.00	0.00109
130.00	100.00	0.00014	130.00	90.00	0.00016
130.00	80.00	0.00019	130.00	70.00	0.00023
130.00	60.00	0.00029	130.00	50.00	0.00037
130.00	40.00	0.00048	130.00	30.00	0.00066
130.00	25.00	0.00079	130.00	20.00	0.00097
130.00	17.00	0.00112	130.00	15.00	0.00123
130.00	13.00	0.00138	130.00	11.00	0.00156
130.00	9.00	0.00181	130.00	-9.00	0.00725
130.00	-11.00	0.00705	130.00	-13.00	0.00685
130.00	-15.00	0.00668	130.00	-17.00	0.00650
130.00	-20.00	0.00621	130.00	-25.00	0.00569
130.00	-30.00	0.00518	130.00	-40.00	0.00423
130.00	-50.00	0.00341	130.00	-60.00	0.00274
130.00	-70.00	0.00220	130.00	-80.00	0.00178



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00145	130.00	-100.00	0.00119
140.00	100.00	0.00013	140.00	90.00	0.00015
140.00	80.00	0.00018	140.00	70.00	0.00022
140.00	60.00	0.00027	140.00	50.00	0.00034
140.00	40.00	0.00044	140.00	30.00	0.00059
140.00	25.00	0.00070	140.00	20.00	0.00085
140.00	17.00	0.00097	140.00	15.00	0.00107
140.00	13.00	0.00119	140.00	11.00	0.00133
140.00	9.00	0.00152	140.00	-9.00	0.00644
140.00	-11.00	0.00651	140.00	-13.00	0.00645
140.00	-15.00	0.00633	140.00	-17.00	0.00622
140.00	-20.00	0.00599	140.00	-25.00	0.00556
140.00	-30.00	0.00511	140.00	-40.00	0.00424
140.00	-50.00	0.00347	140.00	-60.00	0.00284
140.00	-70.00	0.00231	140.00	-80.00	0.00189
140.00	-90.00	0.00155	140.00	-100.00	0.00129

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00012	150.00	90.00	0.00015
150.00	80.00	0.00017	150.00	70.00	0.00021
150.00	60.00	0.00025	150.00	50.00	0.00031
150.00	40.00	0.00040	150.00	30.00	0.00053
150.00	25.00	0.00063	150.00	20.00	0.00076
150.00	17.00	0.00087	150.00	15.00	0.00096
150.00	13.00	0.00106	150.00	11.00	0.00118
150.00	9.00	0.00133	150.00	-9.00	0.00430
150.00	-11.00	0.00462	150.00	-13.00	0.00487
150.00	-15.00	0.00504	150.00	-17.00	0.00513
150.00	-20.00	0.00516	150.00	-25.00	0.00501
150.00	-30.00	0.00472	150.00	-40.00	0.00407
150.00	-50.00	0.00342	150.00	-60.00	0.00284
150.00	-70.00	0.00236	150.00	-80.00	0.00196
150.00	-90.00	0.00163	150.00	-100.00	0.00136
160.00	100.00	0.00012	160.00	90.00	0.00014
160.00	80.00	0.00016	160.00	70.00	0.00019
160.00	60.00	0.00023	160.00	50.00	0.00029

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00037	160.00	30.00	0.00048
160.00	25.00	0.00057	160.00	20.00	0.00068
160.00	17.00	0.00077	160.00	15.00	0.00084
160.00	13.00	0.00092	160.00	11.00	0.00101
160.00	9.00	0.00112	160.00	-9.00	0.00287
160.00	-11.00	0.00312	160.00	-13.00	0.00335
160.00	-15.00	0.00355	160.00	-17.00	0.00372
160.00	-20.00	0.00390	160.00	-25.00	0.00404
160.00	-30.00	0.00402	160.00	-40.00	0.00368
160.00	-50.00	0.00321	160.00	-60.00	0.00275
160.00	-70.00	0.00233	160.00	-80.00	0.00197
160.00	-90.00	0.00166	160.00	-100.00	0.00141
170.00	100.00	0.00011	170.00	90.00	0.00013
170.00	80.00	0.00015	170.00	70.00	0.00018
170.00	60.00	0.00022	170.00	50.00	0.00027
170.00	40.00	0.00034	170.00	30.00	0.00044
170.00	25.00	0.00051	170.00	20.00	0.00060
170.00	17.00	0.00067	170.00	15.00	0.00073
170.00	13.00	0.00079	170.00	11.00	0.00086
170.00	9.00	0.00094	170.00	-9.00	0.00202
170.00	-11.00	0.00219	170.00	-13.00	0.00236
170.00	-15.00	0.00252	170.00	-17.00	0.00266

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00285	170.00	-25.00	0.00308
170.00	-30.00	0.00319	170.00	-40.00	0.00315
170.00	-50.00	0.00289	170.00	-60.00	0.00256
170.00	-70.00	0.00223	170.00	-80.00	0.00193
170.00	-90.00	0.00166	170.00	-100.00	0.00142
180.00	100.00	0.00010	180.00	90.00	0.00012
180.00	80.00	0.00014	180.00	70.00	0.00017
180.00	60.00	0.00020	180.00	50.00	0.00025
180.00	40.00	0.00031	180.00	30.00	0.00040
180.00	25.00	0.00046	180.00	20.00	0.00053
180.00	17.00	0.00059	180.00	15.00	0.00063
180.00	13.00	0.00068	180.00	11.00	0.00073

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00079	180.00	-9.00	0.00150
180.00	-11.00	0.00161	180.00	-13.00	0.00173
180.00	-15.00	0.00184	180.00	-17.00	0.00195
180.00	-20.00	0.00211	180.00	-25.00	0.00233
180.00	-30.00	0.00248	180.00	-40.00	0.00259
180.00	-50.00	0.00251	180.00	-60.00	0.00231
180.00	-70.00	0.00207	180.00	-80.00	0.00183
180.00	-90.00	0.00161	180.00	-100.00	0.00140
190.00	100.00	0.00010	190.00	90.00	0.00012
190.00	80.00	0.00014	190.00	70.00	0.00016
190.00	60.00	0.00019	190.00	50.00	0.00023
190.00	40.00	0.00028	190.00	30.00	0.00036
190.00	25.00	0.00041	190.00	20.00	0.00047
190.00	17.00	0.00052	190.00	15.00	0.00055
190.00	13.00	0.00059	190.00	11.00	0.00062
190.00	9.00	0.00066	190.00	-9.00	0.00116
190.00	-11.00	0.00124	190.00	-13.00	0.00132
190.00	-15.00	0.00140	190.00	-17.00	0.00148
190.00	-20.00	0.00160	190.00	-25.00	0.00179
190.00	-30.00	0.00193	190.00	-40.00	0.00210
190.00	-50.00	0.00212	190.00	-60.00	0.00204
190.00	-70.00	0.00189	190.00	-80.00	0.00171
190.00	-90.00	0.00153	190.00	-100.00	0.00136
200.00	100.00	0.00010	200.00	90.00	0.00011
200.00	80.00	0.00013	200.00	70.00	0.00015
200.00	60.00	0.00018	200.00	50.00	0.00021
200.00	40.00	0.00026	200.00	30.00	0.00032
200.00	25.00	0.00036	200.00	20.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 10:34:30 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00045	200.00	15.00	0.00048
200.00	13.00	0.00051	200.00	11.00	0.00054
200.00	9.00	0.00057	200.00	-9.00	0.00093
200.00	-11.00	0.00098	200.00	-13.00	0.00104
200.00	-15.00	0.00110	200.00	-17.00	0.00116
200.00	-20.00	0.00125	200.00	-25.00	0.00139

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00152	200.00	-40.00	0.00170
200.00	-50.00	0.00177	200.00	-60.00	0.00176
200.00	-70.00	0.00168	200.00	-80.00	0.00156
200.00	-90.00	0.00143	200.00	-100.00	0.00129
210.00	100.00	0.00009	210.00	90.00	0.00011
210.00	80.00	0.00012	210.00	70.00	0.00014
210.00	60.00	0.00017	210.00	50.00	0.00020
210.00	40.00	0.00023	210.00	30.00	0.00029
210.00	25.00	0.00033	210.00	20.00	0.00037
210.00	17.00	0.00040	210.00	15.00	0.00042
210.00	13.00	0.00044	210.00	11.00	0.00046
210.00	9.00	0.00049	210.00	-9.00	0.00076
210.00	-11.00	0.00080	210.00	-13.00	0.00084
210.00	-15.00	0.00088	210.00	-17.00	0.00093
210.00	-20.00	0.00099	210.00	-25.00	0.00111
210.00	-30.00	0.00122	210.00	-40.00	0.00139
210.00	-50.00	0.00148	210.00	-60.00	0.00150
210.00	-70.00	0.00147	210.00	-80.00	0.00141
210.00	-90.00	0.00132	210.00	-100.00	0.00121
220.00	100.00	0.00009	220.00	90.00	0.00010
220.00	80.00	0.00012	220.00	70.00	0.00013
220.00	60.00	0.00015	220.00	50.00	0.00018
220.00	40.00	0.00021	220.00	30.00	0.00026
220.00	25.00	0.00030	220.00	20.00	0.00033
220.00	17.00	0.00035	220.00	15.00	0.00037
220.00	13.00	0.00039	220.00	11.00	0.00041
220.00	9.00	0.00042	220.00	-9.00	0.00063
220.00	-11.00	0.00066	220.00	-13.00	0.00069
220.00	-15.00	0.00073	220.00	-17.00	0.00076
220.00	-20.00	0.00081	220.00	-25.00	0.00090
220.00	-30.00	0.00099	220.00	-40.00	0.00114
220.00	-50.00	0.00124	220.00	-60.00	0.00128
220.00	-70.00	0.00128	220.00	-80.00	0.00125
220.00	-90.00	0.00120	220.00	-100.00	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00009	230.00	90.00	0.00010
230.00	80.00	0.00011	230.00	70.00	0.00013
230.00	60.00	0.00014	230.00	50.00	0.00017
230.00	40.00	0.00020	230.00	30.00	0.00024
230.00	25.00	0.00027	230.00	20.00	0.00030
230.00	17.00	0.00032	230.00	15.00	0.00033
230.00	13.00	0.00034	230.00	11.00	0.00036
230.00	9.00	0.00037	230.00	-9.00	0.00054
230.00	-11.00	0.00056	230.00	-13.00	0.00058
230.00	-15.00	0.00061	230.00	-17.00	0.00063
230.00	-20.00	0.00067	230.00	-25.00	0.00074
230.00	-30.00	0.00082	230.00	-40.00	0.00095
230.00	-50.00	0.00104	230.00	-60.00	0.00110
230.00	-70.00	0.00112	230.00	-80.00	0.00111
230.00	-90.00	0.00108	230.00	-100.00	0.00103
240.00	100.00	0.00008	240.00	90.00	0.00009
240.00	80.00	0.00010	240.00	70.00	0.00012
240.00	60.00	0.00013	240.00	50.00	0.00015
240.00	40.00	0.00018	240.00	30.00	0.00022
240.00	25.00	0.00024	240.00	20.00	0.00027
240.00	17.00	0.00028	240.00	15.00	0.00029
240.00	13.00	0.00030	240.00	11.00	0.00032
240.00	9.00	0.00033	240.00	-9.00	0.00046
240.00	-11.00	0.00048	240.00	-13.00	0.00050
240.00	-15.00	0.00052	240.00	-17.00	0.00054
240.00	-20.00	0.00057	240.00	-25.00	0.00063
240.00	-30.00	0.00068	240.00	-40.00	0.00080
240.00	-50.00	0.00089	240.00	-60.00	0.00094
240.00	-70.00	0.00097	240.00	-80.00	0.00098
240.00	-90.00	0.00096	240.00	-100.00	0.00093
250.00	100.00	0.00008	250.00	90.00	0.00009
250.00	80.00	0.00010	250.00	70.00	0.00011
250.00	60.00	0.00012	250.00	50.00	0.00014
250.00	40.00	0.00017	250.00	30.00	0.00020
250.00	25.00	0.00022	250.00	20.00	0.00024
250.00	17.00	0.00025	250.00	15.00	0.00026
250.00	13.00	0.00027	250.00	11.00	0.00028
250.00	9.00	0.00029	250.00	-9.00	0.00040
250.00	-11.00	0.00041	250.00	-13.00	0.00043
250.00	-15.00	0.00044	250.00	-17.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30  
\*\*MODELOPTs:  
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00049	250.00	-25.00	0.00053	
250.00	-30.00	0.00058	250.00	-40.00	0.00067	
250.00	-50.00	0.00076	250.00	-60.00	0.00082	
250.00	-70.00	0.00085	250.00	-80.00	0.00086	
250.00	-90.00	0.00086	250.00	-100.00	0.00084	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00012	-250.00	90.00	0.00012	
-250.00	80.00	0.00012	-250.00	70.00	0.00012	
-250.00	60.00	0.00012	-250.00	50.00	0.00012	
-250.00	40.00	0.00012	-250.00	30.00	0.00012	
-250.00	25.00	0.00012	-250.00	20.00	0.00012	
-250.00	17.00	0.00012	-250.00	15.00	0.00012	
-250.00	13.00	0.00012	-250.00	11.00	0.00012	
-250.00	9.00	0.00012	-250.00	-9.00	0.00011	
-250.00	-11.00	0.00011	-250.00	-13.00	0.00011	
-250.00	-15.00	0.00011	-250.00	-17.00	0.00011	
-250.00	-20.00	0.00011	-250.00	-25.00	0.00011	
-250.00	-30.00	0.00010	-250.00	-40.00	0.00010	
-250.00	-50.00	0.00009	-250.00	-60.00	0.00008	
-250.00	-70.00	0.00008	-250.00	-80.00	0.00008	
-250.00	-90.00	0.00008	-250.00	-100.00	0.00007	
-240.00	100.00	0.00013	-240.00	90.00	0.00013	
-240.00	80.00	0.00013	-240.00	70.00	0.00013	
-240.00	60.00	0.00013	-240.00	50.00	0.00013	
-240.00	40.00	0.00013	-240.00	30.00	0.00013	
-240.00	25.00	0.00013	-240.00	20.00	0.00013	
-240.00	17.00	0.00013	-240.00	15.00	0.00013	
-240.00	13.00	0.00013	-240.00	11.00	0.00013	
-240.00	9.00	0.00013	-240.00	-9.00	0.00012	

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00012	-240.00	-13.00	0.00012
-240.00	-15.00	0.00012	-240.00	-17.00	0.00012
-240.00	-20.00	0.00012	-240.00	-25.00	0.00011
-240.00	-30.00	0.00011	-240.00	-40.00	0.00010
-240.00	-50.00	0.00010	-240.00	-60.00	0.00009
-240.00	-70.00	0.00009	-240.00	-80.00	0.00008
-240.00	-90.00	0.00008	-240.00	-100.00	0.00008
-230.00	100.00	0.00015	-230.00	90.00	0.00014
-230.00	80.00	0.00014	-230.00	70.00	0.00014
-230.00	60.00	0.00014	-230.00	50.00	0.00014
-230.00	40.00	0.00014	-230.00	30.00	0.00014
-230.00	25.00	0.00014	-230.00	20.00	0.00014
-230.00	17.00	0.00014	-230.00	15.00	0.00014
-230.00	13.00	0.00014	-230.00	11.00	0.00014
-230.00	9.00	0.00014	-230.00	-9.00	0.00013
-230.00	-11.00	0.00013	-230.00	-13.00	0.00013
-230.00	-15.00	0.00013	-230.00	-17.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00013	-230.00	-25.00	0.00012
-230.00	-30.00	0.00012	-230.00	-40.00	0.00011
-230.00	-50.00	0.00010	-230.00	-60.00	0.00010
-230.00	-70.00	0.00009	-230.00	-80.00	0.00009
-230.00	-90.00	0.00009	-230.00	-100.00	0.00008
-220.00	100.00	0.00016	-220.00	90.00	0.00016
-220.00	80.00	0.00016	-220.00	70.00	0.00015
-220.00	60.00	0.00015	-220.00	50.00	0.00015
-220.00	40.00	0.00015	-220.00	30.00	0.00015
-220.00	25.00	0.00015	-220.00	20.00	0.00015
-220.00	17.00	0.00015	-220.00	15.00	0.00015
-220.00	13.00	0.00015	-220.00	11.00	0.00015
-220.00	9.00	0.00015	-220.00	-9.00	0.00014
-220.00	-11.00	0.00014	-220.00	-13.00	0.00014
-220.00	-15.00	0.00014	-220.00	-17.00	0.00014
-220.00	-20.00	0.00014	-220.00	-25.00	0.00013
-220.00	-30.00	0.00013	-220.00	-40.00	0.00012

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-50.00	0.00011	-220.00	-60.00	0.00010
-220.00	-70.00	0.00010	-220.00	-80.00	0.00009
-220.00	-90.00	0.00009	-220.00	-100.00	0.00009
-210.00	100.00	0.00017	-210.00	90.00	0.00017
-210.00	80.00	0.00017	-210.00	70.00	0.00017
-210.00	60.00	0.00017	-210.00	50.00	0.00016
-210.00	40.00	0.00016	-210.00	30.00	0.00016
-210.00	25.00	0.00016	-210.00	20.00	0.00016
-210.00	17.00	0.00016	-210.00	15.00	0.00016
-210.00	13.00	0.00016	-210.00	11.00	0.00016
-210.00	9.00	0.00016	-210.00	-9.00	0.00016
-210.00	-11.00	0.00016	-210.00	-13.00	0.00015
-210.00	-15.00	0.00015	-210.00	-17.00	0.00015
-210.00	-20.00	0.00015	-210.00	-25.00	0.00014
-210.00	-30.00	0.00014	-210.00	-40.00	0.00013
-210.00	-50.00	0.00012	-210.00	-60.00	0.00011
-210.00	-70.00	0.00011	-210.00	-80.00	0.00010
-210.00	-90.00	0.00010	-210.00	-100.00	0.00009
-200.00	100.00	0.00019	-200.00	90.00	0.00019
-200.00	80.00	0.00019	-200.00	70.00	0.00019
-200.00	60.00	0.00018	-200.00	50.00	0.00018
-200.00	40.00	0.00018	-200.00	30.00	0.00018
-200.00	25.00	0.00018	-200.00	20.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00018	-200.00	15.00	0.00018
-200.00	13.00	0.00018	-200.00	11.00	0.00018
-200.00	9.00	0.00018	-200.00	-9.00	0.00017
-200.00	-11.00	0.00017	-200.00	-13.00	0.00017
-200.00	-15.00	0.00017	-200.00	-17.00	0.00016
-200.00	-20.00	0.00016	-200.00	-25.00	0.00015
-200.00	-30.00	0.00015	-200.00	-40.00	0.00014
-200.00	-50.00	0.00013	-200.00	-60.00	0.00012
-200.00	-70.00	0.00011	-200.00	-80.00	0.00011
-200.00	-90.00	0.00010	-200.00	-100.00	0.00010
-190.00	100.00	0.00021	-190.00	90.00	0.00021



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00021	-190.00	70.00	0.00021
-190.00	60.00	0.00020	-190.00	50.00	0.00020
-190.00	40.00	0.00020	-190.00	30.00	0.00019
-190.00	25.00	0.00019	-190.00	20.00	0.00019
-190.00	17.00	0.00019	-190.00	15.00	0.00019
-190.00	13.00	0.00019	-190.00	11.00	0.00019
-190.00	9.00	0.00019	-190.00	-9.00	0.00019
-190.00	-11.00	0.00019	-190.00	-13.00	0.00018
-190.00	-15.00	0.00018	-190.00	-17.00	0.00018
-190.00	-20.00	0.00018	-190.00	-25.00	0.00017
-190.00	-30.00	0.00016	-190.00	-40.00	0.00015
-190.00	-50.00	0.00014	-190.00	-60.00	0.00013
-190.00	-70.00	0.00012	-190.00	-80.00	0.00012
-190.00	-90.00	0.00011	-190.00	-100.00	0.00010
-180.00	100.00	0.00022	-180.00	90.00	0.00023
-180.00	80.00	0.00023	-180.00	70.00	0.00023
-180.00	60.00	0.00023	-180.00	50.00	0.00022
-180.00	40.00	0.00022	-180.00	30.00	0.00022
-180.00	25.00	0.00022	-180.00	20.00	0.00022
-180.00	17.00	0.00022	-180.00	15.00	0.00022
-180.00	13.00	0.00022	-180.00	11.00	0.00022
-180.00	9.00	0.00022	-180.00	-9.00	0.00021
-180.00	-11.00	0.00021	-180.00	-13.00	0.00020
-180.00	-15.00	0.00020	-180.00	-17.00	0.00020
-180.00	-20.00	0.00019	-180.00	-25.00	0.00018
-180.00	-30.00	0.00017	-180.00	-40.00	0.00016
-180.00	-50.00	0.00015	-180.00	-60.00	0.00014
-180.00	-70.00	0.00013	-180.00	-80.00	0.00013
-180.00	-90.00	0.00012	-180.00	-100.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00025	-170.00	90.00	0.00025
-170.00	80.00	0.00026	-170.00	70.00	0.00026
-170.00	60.00	0.00026	-170.00	50.00	0.00025
-170.00	40.00	0.00025	-170.00	30.00	0.00024
-170.00	25.00	0.00024	-170.00	20.00	0.00024

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00024	-170.00	15.00	0.00024
-170.00	13.00	0.00024	-170.00	11.00	0.00024
-170.00	9.00	0.00024	-170.00	-9.00	0.00023
-170.00	-11.00	0.00023	-170.00	-13.00	0.00022
-170.00	-15.00	0.00022	-170.00	-17.00	0.00022
-170.00	-20.00	0.00021	-170.00	-25.00	0.00020
-170.00	-30.00	0.00019	-170.00	-40.00	0.00017
-170.00	-50.00	0.00016	-170.00	-60.00	0.00015
-170.00	-70.00	0.00014	-170.00	-80.00	0.00014
-170.00	-90.00	0.00013	-170.00	-100.00	0.00012
-160.00	100.00	0.00027	-160.00	90.00	0.00028
-160.00	80.00	0.00029	-160.00	70.00	0.00029
-160.00	60.00	0.00029	-160.00	50.00	0.00028
-160.00	40.00	0.00028	-160.00	30.00	0.00027
-160.00	25.00	0.00027	-160.00	20.00	0.00027
-160.00	17.00	0.00027	-160.00	15.00	0.00027
-160.00	13.00	0.00027	-160.00	11.00	0.00027
-160.00	9.00	0.00027	-160.00	-9.00	0.00026
-160.00	-11.00	0.00025	-160.00	-13.00	0.00025
-160.00	-15.00	0.00024	-160.00	-17.00	0.00024
-160.00	-20.00	0.00023	-160.00	-25.00	0.00022
-160.00	-30.00	0.00021	-160.00	-40.00	0.00019
-160.00	-50.00	0.00018	-160.00	-60.00	0.00017
-160.00	-70.00	0.00016	-160.00	-80.00	0.00015
-160.00	-90.00	0.00013	-160.00	-100.00	0.00012
-150.00	100.00	0.00029	-150.00	90.00	0.00031
-150.00	80.00	0.00032	-150.00	70.00	0.00033
-150.00	60.00	0.00033	-150.00	50.00	0.00032
-150.00	40.00	0.00032	-150.00	30.00	0.00031
-150.00	25.00	0.00030	-150.00	20.00	0.00030
-150.00	17.00	0.00030	-150.00	15.00	0.00030
-150.00	13.00	0.00030	-150.00	11.00	0.00030
-150.00	9.00	0.00030	-150.00	-9.00	0.00029
-150.00	-11.00	0.00028	-150.00	-13.00	0.00028
-150.00	-15.00	0.00027	-150.00	-17.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:34:30  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
    \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
    \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00026	-150.00	-25.00	0.00024
-150.00	-30.00	0.00023	-150.00	-40.00	0.00021
-150.00	-50.00	0.00020	-150.00	-60.00	0.00018
-150.00	-70.00	0.00017	-150.00	-80.00	0.00016
-150.00	-90.00	0.00014	-150.00	-100.00	0.00013
-140.00	100.00	0.00031	-140.00	90.00	0.00034
-140.00	80.00	0.00036	-140.00	70.00	0.00037
-140.00	60.00	0.00037	-140.00	50.00	0.00037
-140.00	40.00	0.00036	-140.00	30.00	0.00035
-140.00	25.00	0.00035	-140.00	20.00	0.00035
-140.00	17.00	0.00034	-140.00	15.00	0.00034
-140.00	13.00	0.00034	-140.00	11.00	0.00034
-140.00	9.00	0.00034	-140.00	-9.00	0.00032
-140.00	-11.00	0.00032	-140.00	-13.00	0.00031
-140.00	-15.00	0.00030	-140.00	-17.00	0.00030
-140.00	-20.00	0.00029	-140.00	-25.00	0.00027
-140.00	-30.00	0.00025	-140.00	-40.00	0.00023
-140.00	-50.00	0.00022	-140.00	-60.00	0.00020
-140.00	-70.00	0.00018	-140.00	-80.00	0.00017
-140.00	-90.00	0.00016	-140.00	-100.00	0.00014
-130.00	100.00	0.00033	-130.00	90.00	0.00037
-130.00	80.00	0.00039	-130.00	70.00	0.00042
-130.00	60.00	0.00043	-130.00	50.00	0.00043
-130.00	40.00	0.00042	-130.00	30.00	0.00041
-130.00	25.00	0.00040	-130.00	20.00	0.00040
-130.00	17.00	0.00040	-130.00	15.00	0.00040
-130.00	13.00	0.00040	-130.00	11.00	0.00039
-130.00	9.00	0.00039	-130.00	-9.00	0.00037
-130.00	-11.00	0.00036	-130.00	-13.00	0.00035
-130.00	-15.00	0.00034	-130.00	-17.00	0.00033
-130.00	-20.00	0.00032	-130.00	-25.00	0.00030
-130.00	-30.00	0.00028	-130.00	-40.00	0.00026
-130.00	-50.00	0.00024	-130.00	-60.00	0.00022
-130.00	-70.00	0.00020	-130.00	-80.00	0.00018
-130.00	-90.00	0.00017	-130.00	-100.00	0.00016
-120.00	100.00	0.00035	-120.00	90.00	0.00039
-120.00	80.00	0.00043	-120.00	70.00	0.00047
-120.00	60.00	0.00049	-120.00	50.00	0.00050
-120.00	40.00	0.00050	-120.00	30.00	0.00048
-120.00	25.00	0.00047	-120.00	20.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00046	-120.00	15.00	0.00046
-120.00	13.00	0.00046	-120.00	11.00	0.00046
-120.00	9.00	0.00046	-120.00	-9.00	0.00042
-120.00	-11.00	0.00041	-120.00	-13.00	0.00040
-120.00	-15.00	0.00039	-120.00	-17.00	0.00037
-120.00	-20.00	0.00036	-120.00	-25.00	0.00034
-120.00	-30.00	0.00032	-120.00	-40.00	0.00029
-120.00	-50.00	0.00026	-120.00	-60.00	0.00024
-120.00	-70.00	0.00022	-120.00	-80.00	0.00020
-120.00	-90.00	0.00018	-120.00	-100.00	0.00017
-110.00	100.00	0.00036	-110.00	90.00	0.00042
-110.00	80.00	0.00047	-110.00	70.00	0.00052
-110.00	60.00	0.00056	-110.00	50.00	0.00059
-110.00	40.00	0.00059	-110.00	30.00	0.00058
-110.00	25.00	0.00056	-110.00	20.00	0.00055
-110.00	17.00	0.00054	-110.00	15.00	0.00054
-110.00	13.00	0.00054	-110.00	11.00	0.00054
-110.00	9.00	0.00054	-110.00	-9.00	0.00048
-110.00	-11.00	0.00047	-110.00	-13.00	0.00045
-110.00	-15.00	0.00044	-110.00	-17.00	0.00042
-110.00	-20.00	0.00041	-110.00	-25.00	0.00038
-110.00	-30.00	0.00036	-110.00	-40.00	0.00033
-110.00	-50.00	0.00029	-110.00	-60.00	0.00027
-110.00	-70.00	0.00024	-110.00	-80.00	0.00022
-110.00	-90.00	0.00020	-110.00	-100.00	0.00019
-100.00	100.00	0.00037	-100.00	90.00	0.00043
-100.00	80.00	0.00050	-100.00	70.00	0.00057
-100.00	60.00	0.00064	-100.00	50.00	0.00069
-100.00	40.00	0.00071	-100.00	30.00	0.00070
-100.00	25.00	0.00068	-100.00	20.00	0.00066
-100.00	17.00	0.00065	-100.00	15.00	0.00065
-100.00	13.00	0.00064	-100.00	11.00	0.00064
-100.00	9.00	0.00064	-100.00	-9.00	0.00056
-100.00	-11.00	0.00054	-100.00	-13.00	0.00052
-100.00	-15.00	0.00050	-100.00	-17.00	0.00048
-100.00	-20.00	0.00046	-100.00	-25.00	0.00043
-100.00	-30.00	0.00041	-100.00	-40.00	0.00037

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00033	-100.00	-60.00	0.00029
-100.00	-70.00	0.00027	-100.00	-80.00	0.00025
-100.00	-90.00	0.00023	-100.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00037	-90.00	90.00	0.00044
-90.00	80.00	0.00052	-90.00	70.00	0.00061
-90.00	60.00	0.00070	-90.00	50.00	0.00079
-90.00	40.00	0.00085	-90.00	30.00	0.00086
-90.00	25.00	0.00085	-90.00	20.00	0.00082
-90.00	17.00	0.00080	-90.00	15.00	0.00079
-90.00	13.00	0.00078	-90.00	11.00	0.00078
-90.00	9.00	0.00077	-90.00	-9.00	0.00065
-90.00	-11.00	0.00062	-90.00	-13.00	0.00060
-90.00	-15.00	0.00058	-90.00	-17.00	0.00056
-90.00	-20.00	0.00053	-90.00	-25.00	0.00050
-90.00	-30.00	0.00047	-90.00	-40.00	0.00041
-90.00	-50.00	0.00037	-90.00	-60.00	0.00033
-90.00	-70.00	0.00030	-90.00	-80.00	0.00028
-90.00	-90.00	0.00026	-90.00	-100.00	0.00024
-80.00	100.00	0.00036	-80.00	90.00	0.00043
-80.00	80.00	0.00053	-80.00	70.00	0.00063
-80.00	60.00	0.00075	-80.00	50.00	0.00089
-80.00	40.00	0.00100	-80.00	30.00	0.00107
-80.00	25.00	0.00107	-80.00	20.00	0.00104
-80.00	17.00	0.00102	-80.00	15.00	0.00100
-80.00	13.00	0.00098	-80.00	11.00	0.00096
-80.00	9.00	0.00095	-80.00	-9.00	0.00075
-80.00	-11.00	0.00072	-80.00	-13.00	0.00069
-80.00	-15.00	0.00067	-80.00	-17.00	0.00064
-80.00	-20.00	0.00061	-80.00	-25.00	0.00057
-80.00	-30.00	0.00053	-80.00	-40.00	0.00047
-80.00	-50.00	0.00042	-80.00	-60.00	0.00038
-80.00	-70.00	0.00035	-80.00	-80.00	0.00032
-80.00	-90.00	0.00029	-80.00	-100.00	0.00027
-70.00	100.00	0.00034	-70.00	90.00	0.00042

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00052	-70.00	70.00	0.00064
-70.00	60.00	0.00078	-70.00	50.00	0.00095
-70.00	40.00	0.00114	-70.00	30.00	0.00130
-70.00	25.00	0.00135	-70.00	20.00	0.00135
-70.00	17.00	0.00132	-70.00	15.00	0.00130
-70.00	13.00	0.00127	-70.00	11.00	0.00124
-70.00	9.00	0.00121	-70.00	-9.00	0.00088
-70.00	-11.00	0.00084	-70.00	-13.00	0.00080
-70.00	-15.00	0.00077	-70.00	-17.00	0.00074

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00070	-70.00	-25.00	0.00065
-70.00	-30.00	0.00061	-70.00	-40.00	0.00054
-70.00	-50.00	0.00049	-70.00	-60.00	0.00044
-70.00	-70.00	0.00040	-70.00	-80.00	0.00036
-70.00	-90.00	0.00033	-70.00	-100.00	0.00030
-60.00	100.00	0.00033	-60.00	90.00	0.00040
-60.00	80.00	0.00050	-60.00	70.00	0.00063
-60.00	60.00	0.00079	-60.00	50.00	0.00099
-60.00	40.00	0.00123	-60.00	30.00	0.00149
-60.00	25.00	0.00162	-60.00	20.00	0.00171
-60.00	17.00	0.00174	-60.00	15.00	0.00174
-60.00	13.00	0.00171	-60.00	11.00	0.00167
-60.00	9.00	0.00162	-60.00	-9.00	0.00103
-60.00	-11.00	0.00098	-60.00	-13.00	0.00093
-60.00	-15.00	0.00089	-60.00	-17.00	0.00086
-60.00	-20.00	0.00081	-60.00	-25.00	0.00076
-60.00	-30.00	0.00072	-60.00	-40.00	0.00064
-60.00	-50.00	0.00057	-60.00	-60.00	0.00051
-60.00	-70.00	0.00046	-60.00	-80.00	0.00041
-60.00	-90.00	0.00037	-60.00	-100.00	0.00033
-50.00	100.00	0.00030	-50.00	90.00	0.00038
-50.00	80.00	0.00048	-50.00	70.00	0.00061
-50.00	60.00	0.00077	-50.00	50.00	0.00099
-50.00	40.00	0.00126	-50.00	30.00	0.00160
-50.00	25.00	0.00178	-50.00	20.00	0.00197

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00207	-50.00	15.00	0.00213
-50.00	13.00	0.00219	-50.00	11.00	0.00224
-50.00	9.00	0.00226	-50.00	-9.00	0.00123
-50.00	-11.00	0.00117	-50.00	-13.00	0.00111
-50.00	-15.00	0.00107	-50.00	-17.00	0.00103
-50.00	-20.00	0.00098	-50.00	-25.00	0.00092
-50.00	-30.00	0.00086	-50.00	-40.00	0.00076
-50.00	-50.00	0.00067	-50.00	-60.00	0.00060
-50.00	-70.00	0.00053	-50.00	-80.00	0.00047
-50.00	-90.00	0.00042	-50.00	-100.00	0.00038
-40.00	100.00	0.00027	-40.00	90.00	0.00034
-40.00	80.00	0.00044	-40.00	70.00	0.00057
-40.00	60.00	0.00074	-40.00	50.00	0.00096
-40.00	40.00	0.00126	-40.00	30.00	0.00163
-40.00	25.00	0.00184	-40.00	20.00	0.00207

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00220	-40.00	15.00	0.00228
-40.00	13.00	0.00237	-40.00	11.00	0.00247
-40.00	9.00	0.00257	-40.00	-9.00	0.00207
-40.00	-11.00	0.00180	-40.00	-13.00	0.00163
-40.00	-15.00	0.00151	-40.00	-17.00	0.00143
-40.00	-20.00	0.00133	-40.00	-25.00	0.00120
-40.00	-30.00	0.00111	-40.00	-40.00	0.00095
-40.00	-50.00	0.00082	-40.00	-60.00	0.00071
-40.00	-70.00	0.00062	-40.00	-80.00	0.00054
-40.00	-90.00	0.00048	-40.00	-100.00	0.00043
-30.00	100.00	0.00025	-30.00	90.00	0.00031
-30.00	80.00	0.00040	-30.00	70.00	0.00052
-30.00	60.00	0.00069	-30.00	50.00	0.00092
-30.00	40.00	0.00123	-30.00	30.00	0.00163
-30.00	25.00	0.00186	-30.00	20.00	0.00211
-30.00	17.00	0.00227	-30.00	15.00	0.00237
-30.00	13.00	0.00247	-30.00	11.00	0.00259
-30.00	9.00	0.00274	-30.00	-9.00	0.00418
-30.00	-11.00	0.00366	-30.00	-13.00	0.00323

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00287	-30.00	-17.00	0.00258
-30.00	-20.00	0.00225	-30.00	-25.00	0.00186
-30.00	-30.00	0.00161	-30.00	-40.00	0.00127
-30.00	-50.00	0.00104	-30.00	-60.00	0.00088
-30.00	-70.00	0.00074	-30.00	-80.00	0.00064
-30.00	-90.00	0.00056	-30.00	-100.00	0.00048
-20.00	100.00	0.00022	-20.00	90.00	0.00028
-20.00	80.00	0.00036	-20.00	70.00	0.00047
-20.00	60.00	0.00063	-20.00	50.00	0.00085
-20.00	40.00	0.00117	-20.00	30.00	0.00159
-20.00	25.00	0.00184	-20.00	20.00	0.00212
-20.00	17.00	0.00230	-20.00	15.00	0.00243
-20.00	13.00	0.00256	-20.00	11.00	0.00270
-20.00	9.00	0.00289	-20.00	-9.00	0.00561
-20.00	-11.00	0.00517	-20.00	-13.00	0.00476
-20.00	-15.00	0.00437	-20.00	-17.00	0.00401
-20.00	-20.00	0.00353	-20.00	-25.00	0.00288
-20.00	-30.00	0.00240	-20.00	-40.00	0.00176
-20.00	-50.00	0.00137	-20.00	-60.00	0.00110
-20.00	-70.00	0.00091	-20.00	-80.00	0.00076
-20.00	-90.00	0.00065	-20.00	-100.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00020	-10.00	90.00	0.00025
-10.00	80.00	0.00032	-10.00	70.00	0.00041
-10.00	60.00	0.00055	-10.00	50.00	0.00076
-10.00	40.00	0.00107	-10.00	30.00	0.00151
-10.00	25.00	0.00178	-10.00	20.00	0.00209
-10.00	17.00	0.00230	-10.00	15.00	0.00244
-10.00	13.00	0.00260	-10.00	11.00	0.00277
-10.00	9.00	0.00299	-10.00	-9.00	0.00643
-10.00	-11.00	0.00607	-10.00	-13.00	0.00573
-10.00	-15.00	0.00539	-10.00	-17.00	0.00506
-10.00	-20.00	0.00459	-10.00	-25.00	0.00387
-10.00	-30.00	0.00326	-10.00	-40.00	0.00236
-10.00	-50.00	0.00179	-10.00	-60.00	0.00140



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00112	-10.00	-80.00	0.00091
-10.00	-90.00	0.00076	-10.00	-100.00	0.00064
0.00	100.00	0.00019	0.00	90.00	0.00023
0.00	80.00	0.00028	0.00	70.00	0.00036
0.00	60.00	0.00048	0.00	50.00	0.00066
0.00	40.00	0.00094	0.00	30.00	0.00138
0.00	25.00	0.00167	0.00	20.00	0.00201
0.00	17.00	0.00223	0.00	15.00	0.00239
0.00	13.00	0.00257	0.00	11.00	0.00277
0.00	9.00	0.00301	0.00	-9.00	0.00690
0.00	-11.00	0.00660	0.00	-13.00	0.00632
0.00	-15.00	0.00603	0.00	-17.00	0.00574
0.00	-20.00	0.00531	0.00	-25.00	0.00461
0.00	-30.00	0.00398	0.00	-40.00	0.00296
0.00	-50.00	0.00223	0.00	-60.00	0.00172
0.00	-70.00	0.00135	0.00	-80.00	0.00109
0.00	-90.00	0.00089	0.00	-100.00	0.00074
10.00	100.00	0.00017	10.00	90.00	0.00020
10.00	80.00	0.00025	10.00	70.00	0.00031
10.00	60.00	0.00041	10.00	50.00	0.00055
10.00	40.00	0.00079	10.00	30.00	0.00120
10.00	25.00	0.00149	10.00	20.00	0.00184
10.00	17.00	0.00209	10.00	15.00	0.00227
10.00	13.00	0.00246	10.00	11.00	0.00268
10.00	9.00	0.00294	10.00	-9.00	0.00717
10.00	-11.00	0.00690	10.00	-13.00	0.00666
10.00	-15.00	0.00641	10.00	-17.00	0.00615

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 73

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00576	10.00	-25.00	0.00512
10.00	-30.00	0.00451	10.00	-40.00	0.00346
10.00	-50.00	0.00265	10.00	-60.00	0.00203
10.00	-70.00	0.00159	10.00	-80.00	0.00127
10.00	-90.00	0.00103	10.00	-100.00	0.00085
20.00	100.00	0.00016	20.00	90.00	0.00019
20.00	80.00	0.00023	20.00	70.00	0.00028

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00036	20.00	50.00	0.00047
20.00	40.00	0.00066	20.00	30.00	0.00098
20.00	25.00	0.00123	20.00	20.00	0.00157
20.00	17.00	0.00183	20.00	15.00	0.00202
20.00	13.00	0.00224	20.00	11.00	0.00248
20.00	9.00	0.00276	20.00	-9.00	0.00730
20.00	-11.00	0.00705	20.00	-13.00	0.00684
20.00	-15.00	0.00662	20.00	-17.00	0.00640
20.00	-20.00	0.00604	20.00	-25.00	0.00545
20.00	-30.00	0.00488	20.00	-40.00	0.00384
20.00	-50.00	0.00299	20.00	-60.00	0.00232
20.00	-70.00	0.00182	20.00	-80.00	0.00145
20.00	-90.00	0.00118	20.00	-100.00	0.00097
30.00	100.00	0.00015	30.00	90.00	0.00017
30.00	80.00	0.00021	30.00	70.00	0.00025
30.00	60.00	0.00032	30.00	50.00	0.00041
30.00	40.00	0.00055	30.00	30.00	0.00078
30.00	25.00	0.00096	30.00	20.00	0.00123
30.00	17.00	0.00144	30.00	15.00	0.00162
30.00	13.00	0.00183	30.00	11.00	0.00209
30.00	9.00	0.00241	30.00	-9.00	0.00733
30.00	-11.00	0.00710	30.00	-13.00	0.00690
30.00	-15.00	0.00672	30.00	-17.00	0.00652
30.00	-20.00	0.00620	30.00	-25.00	0.00564
30.00	-30.00	0.00509	30.00	-40.00	0.00408
30.00	-50.00	0.00324	30.00	-60.00	0.00256
30.00	-70.00	0.00203	30.00	-80.00	0.00163
30.00	-90.00	0.00132	30.00	-100.00	0.00109
40.00	100.00	0.00014	40.00	90.00	0.00016
40.00	80.00	0.00019	40.00	70.00	0.00023
40.00	60.00	0.00029	40.00	50.00	0.00037
40.00	40.00	0.00048	40.00	30.00	0.00066
40.00	25.00	0.00079	40.00	20.00	0.00097

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00112	40.00	15.00	0.00123

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00138	40.00	11.00	0.00156
40.00	9.00	0.00181	40.00	-9.00	0.00725
40.00	-11.00	0.00705	40.00	-13.00	0.00685
40.00	-15.00	0.00668	40.00	-17.00	0.00650
40.00	-20.00	0.00621	40.00	-25.00	0.00569
40.00	-30.00	0.00518	40.00	-40.00	0.00423
40.00	-50.00	0.00341	40.00	-60.00	0.00274
40.00	-70.00	0.00220	40.00	-80.00	0.00178
40.00	-90.00	0.00145	40.00	-100.00	0.00119
50.00	100.00	0.00013	50.00	90.00	0.00015
50.00	80.00	0.00018	50.00	70.00	0.00022
50.00	60.00	0.00027	50.00	50.00	0.00034
50.00	40.00	0.00044	50.00	30.00	0.00059
50.00	25.00	0.00070	50.00	20.00	0.00085
50.00	17.00	0.00097	50.00	15.00	0.00107
50.00	13.00	0.00119	50.00	11.00	0.00133
50.00	9.00	0.00152	50.00	-9.00	0.00644
50.00	-11.00	0.00651	50.00	-13.00	0.00645
50.00	-15.00	0.00633	50.00	-17.00	0.00622
50.00	-20.00	0.00599	50.00	-25.00	0.00556
50.00	-30.00	0.00511	50.00	-40.00	0.00424
50.00	-50.00	0.00347	50.00	-60.00	0.00284
50.00	-70.00	0.00231	50.00	-80.00	0.00189
50.00	-90.00	0.00155	50.00	-100.00	0.00129
60.00	100.00	0.00012	60.00	90.00	0.00015
60.00	80.00	0.00017	60.00	70.00	0.00021
60.00	60.00	0.00025	60.00	50.00	0.00031
60.00	40.00	0.00040	60.00	30.00	0.00053
60.00	25.00	0.00063	60.00	20.00	0.00076
60.00	17.00	0.00087	60.00	15.00	0.00096
60.00	13.00	0.00106	60.00	11.00	0.00118
60.00	9.00	0.00133	60.00	-9.00	0.00430
60.00	-11.00	0.00462	60.00	-13.00	0.00487
60.00	-15.00	0.00504	60.00	-17.00	0.00513
60.00	-20.00	0.00516	60.00	-25.00	0.00501
60.00	-30.00	0.00472	60.00	-40.00	0.00407
60.00	-50.00	0.00342	60.00	-60.00	0.00284
60.00	-70.00	0.00236	60.00	-80.00	0.00196
60.00	-90.00	0.00163	60.00	-100.00	0.00136

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00012	70.00	90.00	0.00014
70.00	80.00	0.00016	70.00	70.00	0.00019
70.00	60.00	0.00023	70.00	50.00	0.00029
70.00	40.00	0.00037	70.00	30.00	0.00048
70.00	25.00	0.00057	70.00	20.00	0.00068
70.00	17.00	0.00077	70.00	15.00	0.00084
70.00	13.00	0.00092	70.00	11.00	0.00101
70.00	9.00	0.00112	70.00	-9.00	0.00287
70.00	-11.00	0.00312	70.00	-13.00	0.00335
70.00	-15.00	0.00355	70.00	-17.00	0.00372
70.00	-20.00	0.00390	70.00	-25.00	0.00404
70.00	-30.00	0.00402	70.00	-40.00	0.00368
70.00	-50.00	0.00321	70.00	-60.00	0.00275
70.00	-70.00	0.00233	70.00	-80.00	0.00197
70.00	-90.00	0.00166	70.00	-100.00	0.00141
80.00	100.00	0.00011	80.00	90.00	0.00013
80.00	80.00	0.00015	80.00	70.00	0.00018
80.00	60.00	0.00022	80.00	50.00	0.00027
80.00	40.00	0.00034	80.00	30.00	0.00044
80.00	25.00	0.00051	80.00	20.00	0.00060
80.00	17.00	0.00067	80.00	15.00	0.00073
80.00	13.00	0.00079	80.00	11.00	0.00086
80.00	9.00	0.00094	80.00	-9.00	0.00202
80.00	-11.00	0.00219	80.00	-13.00	0.00236
80.00	-15.00	0.00252	80.00	-17.00	0.00266
80.00	-20.00	0.00285	80.00	-25.00	0.00308
80.00	-30.00	0.00319	80.00	-40.00	0.00315
80.00	-50.00	0.00289	80.00	-60.00	0.00256
80.00	-70.00	0.00223	80.00	-80.00	0.00193
80.00	-90.00	0.00166	80.00	-100.00	0.00142
90.00	100.00	0.00010	90.00	90.00	0.00012
90.00	80.00	0.00014	90.00	70.00	0.00017
90.00	60.00	0.00020	90.00	50.00	0.00025
90.00	40.00	0.00031	90.00	30.00	0.00040
90.00	25.00	0.00046	90.00	20.00	0.00053
90.00	17.00	0.00059	90.00	15.00	0.00063
90.00	13.00	0.00068	90.00	11.00	0.00073
90.00	9.00	0.00079	90.00	-9.00	0.00150
90.00	-11.00	0.00161	90.00	-13.00	0.00173

90.00 -15.00 0.00184 90.00 -17.00 0.00195

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00211	90.00	-25.00	0.00233
90.00	-30.00	0.00248	90.00	-40.00	0.00259
90.00	-50.00	0.00251	90.00	-60.00	0.00231
90.00	-70.00	0.00207	90.00	-80.00	0.00183
90.00	-90.00	0.00161	90.00	-100.00	0.00140
100.00	100.00	0.00010	100.00	90.00	0.00012
100.00	80.00	0.00014	100.00	70.00	0.00016
100.00	60.00	0.00019	100.00	50.00	0.00023
100.00	40.00	0.00028	100.00	30.00	0.00036
100.00	25.00	0.00041	100.00	20.00	0.00047
100.00	17.00	0.00052	100.00	15.00	0.00055
100.00	13.00	0.00059	100.00	11.00	0.00062
100.00	9.00	0.00066	100.00	-9.00	0.00116
100.00	-11.00	0.00124	100.00	-13.00	0.00132
100.00	-15.00	0.00140	100.00	-17.00	0.00148
100.00	-20.00	0.00160	100.00	-25.00	0.00179
100.00	-30.00	0.00193	100.00	-40.00	0.00210
100.00	-50.00	0.00212	100.00	-60.00	0.00204
100.00	-70.00	0.00189	100.00	-80.00	0.00171
100.00	-90.00	0.00153	100.00	-100.00	0.00136
110.00	100.00	0.00010	110.00	90.00	0.00011
110.00	80.00	0.00013	110.00	70.00	0.00015
110.00	60.00	0.00018	110.00	50.00	0.00021
110.00	40.00	0.00026	110.00	30.00	0.00032
110.00	25.00	0.00036	110.00	20.00	0.00042
110.00	17.00	0.00045	110.00	15.00	0.00048
110.00	13.00	0.00051	110.00	11.00	0.00054
110.00	9.00	0.00057	110.00	-9.00	0.00093
110.00	-11.00	0.00098	110.00	-13.00	0.00104
110.00	-15.00	0.00110	110.00	-17.00	0.00116
110.00	-20.00	0.00125	110.00	-25.00	0.00139
110.00	-30.00	0.00152	110.00	-40.00	0.00170
110.00	-50.00	0.00177	110.00	-60.00	0.00176

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00168	110.00	-80.00	0.00156
110.00	-90.00	0.00143	110.00	-100.00	0.00129
120.00	100.00	0.00009	120.00	90.00	0.00011
120.00	80.00	0.00012	120.00	70.00	0.00014
120.00	60.00	0.00017	120.00	50.00	0.00020
120.00	40.00	0.00023	120.00	30.00	0.00029
120.00	25.00	0.00033	120.00	20.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00040	120.00	15.00	0.00042
120.00	13.00	0.00044	120.00	11.00	0.00046
120.00	9.00	0.00049	120.00	-9.00	0.00076
120.00	-11.00	0.00080	120.00	-13.00	0.00084
120.00	-15.00	0.00088	120.00	-17.00	0.00093
120.00	-20.00	0.00099	120.00	-25.00	0.00111
120.00	-30.00	0.00122	120.00	-40.00	0.00139
120.00	-50.00	0.00148	120.00	-60.00	0.00150
120.00	-70.00	0.00147	120.00	-80.00	0.00141
120.00	-90.00	0.00132	120.00	-100.00	0.00121
130.00	100.00	0.00009	130.00	90.00	0.00010
130.00	80.00	0.00012	130.00	70.00	0.00013
130.00	60.00	0.00015	130.00	50.00	0.00018
130.00	40.00	0.00021	130.00	30.00	0.00026
130.00	25.00	0.00030	130.00	20.00	0.00033
130.00	17.00	0.00035	130.00	15.00	0.00037
130.00	13.00	0.00039	130.00	11.00	0.00041
130.00	9.00	0.00042	130.00	-9.00	0.00063
130.00	-11.00	0.00066	130.00	-13.00	0.00069
130.00	-15.00	0.00073	130.00	-17.00	0.00076
130.00	-20.00	0.00081	130.00	-25.00	0.00090
130.00	-30.00	0.00099	130.00	-40.00	0.00114
130.00	-50.00	0.00124	130.00	-60.00	0.00128
130.00	-70.00	0.00128	130.00	-80.00	0.00125
130.00	-90.00	0.00120	130.00	-100.00	0.00112
140.00	100.00	0.00009	140.00	90.00	0.00010
140.00	80.00	0.00011	140.00	70.00	0.00013

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00014	140.00	50.00	0.00017
140.00	40.00	0.00020	140.00	30.00	0.00024
140.00	25.00	0.00027	140.00	20.00	0.00030
140.00	17.00	0.00032	140.00	15.00	0.00033
140.00	13.00	0.00034	140.00	11.00	0.00036
140.00	9.00	0.00037	140.00	-9.00	0.00054
140.00	-11.00	0.00056	140.00	-13.00	0.00058
140.00	-15.00	0.00061	140.00	-17.00	0.00063
140.00	-20.00	0.00067	140.00	-25.00	0.00074
140.00	-30.00	0.00082	140.00	-40.00	0.00095
140.00	-50.00	0.00104	140.00	-60.00	0.00110
140.00	-70.00	0.00112	140.00	-80.00	0.00111
140.00	-90.00	0.00108	140.00	-100.00	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00008	150.00	90.00	0.00009
150.00	80.00	0.00010	150.00	70.00	0.00012
150.00	60.00	0.00013	150.00	50.00	0.00015
150.00	40.00	0.00018	150.00	30.00	0.00022
150.00	25.00	0.00024	150.00	20.00	0.00027
150.00	17.00	0.00028	150.00	15.00	0.00029
150.00	13.00	0.00030	150.00	11.00	0.00032
150.00	9.00	0.00033	150.00	-9.00	0.00046
150.00	-11.00	0.00048	150.00	-13.00	0.00050
150.00	-15.00	0.00052	150.00	-17.00	0.00054
150.00	-20.00	0.00057	150.00	-25.00	0.00063
150.00	-30.00	0.00068	150.00	-40.00	0.00080
150.00	-50.00	0.00089	150.00	-60.00	0.00094
150.00	-70.00	0.00097	150.00	-80.00	0.00098
150.00	-90.00	0.00096	150.00	-100.00	0.00093
160.00	100.00	0.00008	160.00	90.00	0.00009
160.00	80.00	0.00010	160.00	70.00	0.00011
160.00	60.00	0.00012	160.00	50.00	0.00014
160.00	40.00	0.00017	160.00	30.00	0.00020
160.00	25.00	0.00022	160.00	20.00	0.00024
160.00	17.00	0.00025	160.00	15.00	0.00026

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00027	160.00	11.00	0.00028
160.00	9.00	0.00029	160.00	-9.00	0.00040
160.00	-11.00	0.00041	160.00	-13.00	0.00043
160.00	-15.00	0.00044	160.00	-17.00	0.00046
160.00	-20.00	0.00049	160.00	-25.00	0.00053
160.00	-30.00	0.00058	160.00	-40.00	0.00067
160.00	-50.00	0.00076	160.00	-60.00	0.00082
160.00	-70.00	0.00085	160.00	-80.00	0.00086
160.00	-90.00	0.00086	160.00	-100.00	0.00084
170.00	100.00	0.00007	170.00	90.00	0.00008
170.00	80.00	0.00009	170.00	70.00	0.00010
170.00	60.00	0.00012	170.00	50.00	0.00013
170.00	40.00	0.00016	170.00	30.00	0.00019
170.00	25.00	0.00020	170.00	20.00	0.00022
170.00	17.00	0.00023	170.00	15.00	0.00024
170.00	13.00	0.00025	170.00	11.00	0.00025
170.00	9.00	0.00026	170.00	-9.00	0.00035
170.00	-11.00	0.00036	170.00	-13.00	0.00037
170.00	-15.00	0.00039	170.00	-17.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00042	170.00	-25.00	0.00046
170.00	-30.00	0.00050	170.00	-40.00	0.00058
170.00	-50.00	0.00065	170.00	-60.00	0.00071
170.00	-70.00	0.00075	170.00	-80.00	0.00076
170.00	-90.00	0.00077	170.00	-100.00	0.00076
180.00	100.00	0.00007	180.00	90.00	0.00008
180.00	80.00	0.00009	180.00	70.00	0.00010
180.00	60.00	0.00011	180.00	50.00	0.00012
180.00	40.00	0.00015	180.00	30.00	0.00017
180.00	25.00	0.00018	180.00	20.00	0.00020
180.00	17.00	0.00021	180.00	15.00	0.00022
180.00	13.00	0.00022	180.00	11.00	0.00023
180.00	9.00	0.00024	180.00	-9.00	0.00031
180.00	-11.00	0.00032	180.00	-13.00	0.00033
180.00	-15.00	0.00034	180.00	-17.00	0.00035



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00037	180.00	-25.00	0.00040
180.00	-30.00	0.00043	180.00	-40.00	0.00050
180.00	-50.00	0.00056	180.00	-60.00	0.00062
180.00	-70.00	0.00066	180.00	-80.00	0.00068
180.00	-90.00	0.00069	180.00	-100.00	0.00069
190.00	100.00	0.00007	190.00	90.00	0.00007
190.00	80.00	0.00008	190.00	70.00	0.00009
190.00	60.00	0.00010	190.00	50.00	0.00012
190.00	40.00	0.00014	190.00	30.00	0.00016
190.00	25.00	0.00017	190.00	20.00	0.00018
190.00	17.00	0.00019	190.00	15.00	0.00020
190.00	13.00	0.00020	190.00	11.00	0.00021
190.00	9.00	0.00021	190.00	-9.00	0.00028
190.00	-11.00	0.00028	190.00	-13.00	0.00029
190.00	-15.00	0.00030	190.00	-17.00	0.00031
190.00	-20.00	0.00033	190.00	-25.00	0.00035
190.00	-30.00	0.00038	190.00	-40.00	0.00043
190.00	-50.00	0.00049	190.00	-60.00	0.00054
190.00	-70.00	0.00058	190.00	-80.00	0.00060
190.00	-90.00	0.00062	190.00	-100.00	0.00062
200.00	100.00	0.00006	200.00	90.00	0.00007
200.00	80.00	0.00008	200.00	70.00	0.00008
200.00	60.00	0.00010	200.00	50.00	0.00011
200.00	40.00	0.00013	200.00	30.00	0.00015
200.00	25.00	0.00016	200.00	20.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00017	200.00	15.00	0.00018
200.00	13.00	0.00018	200.00	11.00	0.00019
200.00	9.00	0.00019	200.00	-9.00	0.00025
200.00	-11.00	0.00025	200.00	-13.00	0.00026
200.00	-15.00	0.00027	200.00	-17.00	0.00028
200.00	-20.00	0.00029	200.00	-25.00	0.00031
200.00	-30.00	0.00033	200.00	-40.00	0.00038
200.00	-50.00	0.00043	200.00	-60.00	0.00048
200.00	-70.00	0.00051	200.00	-80.00	0.00054

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00055	200.00	-100.00	0.00056
210.00	100.00	0.00006	210.00	90.00	0.00007
210.00	80.00	0.00007	210.00	70.00	0.00008
210.00	60.00	0.00009	210.00	50.00	0.00010
210.00	40.00	0.00012	210.00	30.00	0.00014
210.00	25.00	0.00014	210.00	20.00	0.00015
210.00	17.00	0.00016	210.00	15.00	0.00016
210.00	13.00	0.00017	210.00	11.00	0.00017
210.00	9.00	0.00018	210.00	-9.00	0.00022
210.00	-11.00	0.00023	210.00	-13.00	0.00024
210.00	-15.00	0.00024	210.00	-17.00	0.00025
210.00	-20.00	0.00026	210.00	-25.00	0.00028
210.00	-30.00	0.00030	210.00	-40.00	0.00034
210.00	-50.00	0.00038	210.00	-60.00	0.00042
210.00	-70.00	0.00045	210.00	-80.00	0.00048
210.00	-90.00	0.00050	210.00	-100.00	0.00051
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00007	220.00	70.00	0.00008
220.00	60.00	0.00009	220.00	50.00	0.00010
220.00	40.00	0.00011	220.00	30.00	0.00013
220.00	25.00	0.00013	220.00	20.00	0.00014
220.00	17.00	0.00015	220.00	15.00	0.00015
220.00	13.00	0.00016	220.00	11.00	0.00016
220.00	9.00	0.00016	220.00	-9.00	0.00020
220.00	-11.00	0.00021	220.00	-13.00	0.00021
220.00	-15.00	0.00022	220.00	-17.00	0.00022
220.00	-20.00	0.00023	220.00	-25.00	0.00025
220.00	-30.00	0.00027	220.00	-40.00	0.00030
220.00	-50.00	0.00034	220.00	-60.00	0.00037
220.00	-70.00	0.00041	220.00	-80.00	0.00043
220.00	-90.00	0.00045	220.00	-100.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00006
230.00	80.00	0.00007	230.00	70.00	0.00007
230.00	60.00	0.00008	230.00	50.00	0.00009

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00010	230.00	30.00	0.00012
230.00	25.00	0.00012	230.00	20.00	0.00013
230.00	17.00	0.00014	230.00	15.00	0.00014
230.00	13.00	0.00014	230.00	11.00	0.00015
230.00	9.00	0.00015	230.00	-9.00	0.00018
230.00	-11.00	0.00019	230.00	-13.00	0.00019
230.00	-15.00	0.00020	230.00	-17.00	0.00020
230.00	-20.00	0.00021	230.00	-25.00	0.00022
230.00	-30.00	0.00024	230.00	-40.00	0.00027
230.00	-50.00	0.00030	230.00	-60.00	0.00033
230.00	-70.00	0.00036	230.00	-80.00	0.00039
230.00	-90.00	0.00041	230.00	-100.00	0.00042
240.00	100.00	0.00005	240.00	90.00	0.00006
240.00	80.00	0.00006	240.00	70.00	0.00007
240.00	60.00	0.00008	240.00	50.00	0.00009
240.00	40.00	0.00010	240.00	30.00	0.00011
240.00	25.00	0.00012	240.00	20.00	0.00012
240.00	17.00	0.00013	240.00	15.00	0.00013
240.00	13.00	0.00013	240.00	11.00	0.00014
240.00	9.00	0.00014	240.00	-9.00	0.00017
240.00	-11.00	0.00017	240.00	-13.00	0.00018
240.00	-15.00	0.00018	240.00	-17.00	0.00019
240.00	-20.00	0.00019	240.00	-25.00	0.00020
240.00	-30.00	0.00022	240.00	-40.00	0.00024
240.00	-50.00	0.00027	240.00	-60.00	0.00030
240.00	-70.00	0.00033	240.00	-80.00	0.00035
240.00	-90.00	0.00037	240.00	-100.00	0.00038
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00006	250.00	70.00	0.00007
250.00	60.00	0.00007	250.00	50.00	0.00008
250.00	40.00	0.00009	250.00	30.00	0.00010
250.00	25.00	0.00011	250.00	20.00	0.00011
250.00	17.00	0.00012	250.00	15.00	0.00012
250.00	13.00	0.00012	250.00	11.00	0.00013
250.00	9.00	0.00013	250.00	-9.00	0.00016
250.00	-11.00	0.00016	250.00	-13.00	0.00016
250.00	-15.00	0.00017	250.00	-17.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00018	250.00	-25.00	0.00019
250.00	-30.00	0.00020	250.00	-40.00	0.00022
250.00	-50.00	0.00024	250.00	-60.00	0.00027
250.00	-70.00	0.00029	250.00	-80.00	0.00032
250.00	-90.00	0.00034	250.00	-100.00	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00027	-250.00	90.00	0.00028
-250.00	80.00	0.00029	-250.00	70.00	0.00029
-250.00	60.00	0.00029	-250.00	50.00	0.00028
-250.00	40.00	0.00028	-250.00	30.00	0.00027
-250.00	25.00	0.00027	-250.00	20.00	0.00027
-250.00	17.00	0.00027	-250.00	15.00	0.00027
-250.00	13.00	0.00027	-250.00	11.00	0.00027
-250.00	9.00	0.00027	-250.00	-9.00	0.00026
-250.00	-11.00	0.00025	-250.00	-13.00	0.00025
-250.00	-15.00	0.00024	-250.00	-17.00	0.00024
-250.00	-20.00	0.00023	-250.00	-25.00	0.00022
-250.00	-30.00	0.00021	-250.00	-40.00	0.00019
-250.00	-50.00	0.00018	-250.00	-60.00	0.00017
-250.00	-70.00	0.00016	-250.00	-80.00	0.00015
-250.00	-90.00	0.00013	-250.00	-100.00	0.00012
-240.00	100.00	0.00029	-240.00	90.00	0.00031
-240.00	80.00	0.00032	-240.00	70.00	0.00033
-240.00	60.00	0.00033	-240.00	50.00	0.00032
-240.00	40.00	0.00032	-240.00	30.00	0.00031
-240.00	25.00	0.00030	-240.00	20.00	0.00030
-240.00	17.00	0.00030	-240.00	15.00	0.00030
-240.00	13.00	0.00030	-240.00	11.00	0.00030
-240.00	9.00	0.00030	-240.00	-9.00	0.00029
-240.00	-11.00	0.00028	-240.00	-13.00	0.00028
-240.00	-15.00	0.00027	-240.00	-17.00	0.00027
-240.00	-20.00	0.00026	-240.00	-25.00	0.00024

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00023	-240.00	-40.00	0.00021
-240.00	-50.00	0.00020	-240.00	-60.00	0.00018
-240.00	-70.00	0.00017	-240.00	-80.00	0.00016
-240.00	-90.00	0.00014	-240.00	-100.00	0.00013
-230.00	100.00	0.00031	-230.00	90.00	0.00034
-230.00	80.00	0.00036	-230.00	70.00	0.00037
-230.00	60.00	0.00037	-230.00	50.00	0.00037
-230.00	40.00	0.00036	-230.00	30.00	0.00035
-230.00	25.00	0.00035	-230.00	20.00	0.00035
-230.00	17.00	0.00034	-230.00	15.00	0.00034
-230.00	13.00	0.00034	-230.00	11.00	0.00034
-230.00	9.00	0.00034	-230.00	-9.00	0.00032
-230.00	-11.00	0.00032	-230.00	-13.00	0.00031
-230.00	-15.00	0.00030	-230.00	-17.00	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00029	-230.00	-25.00	0.00027
-230.00	-30.00	0.00025	-230.00	-40.00	0.00023
-230.00	-50.00	0.00022	-230.00	-60.00	0.00020
-230.00	-70.00	0.00018	-230.00	-80.00	0.00017
-230.00	-90.00	0.00016	-230.00	-100.00	0.00014
-220.00	100.00	0.00033	-220.00	90.00	0.00037
-220.00	80.00	0.00039	-220.00	70.00	0.00042
-220.00	60.00	0.00043	-220.00	50.00	0.00043
-220.00	40.00	0.00042	-220.00	30.00	0.00041
-220.00	25.00	0.00040	-220.00	20.00	0.00040
-220.00	17.00	0.00040	-220.00	15.00	0.00040
-220.00	13.00	0.00040	-220.00	11.00	0.00039
-220.00	9.00	0.00039	-220.00	-9.00	0.00037
-220.00	-11.00	0.00036	-220.00	-13.00	0.00035
-220.00	-15.00	0.00034	-220.00	-17.00	0.00033
-220.00	-20.00	0.00032	-220.00	-25.00	0.00030
-220.00	-30.00	0.00028	-220.00	-40.00	0.00026
-220.00	-50.00	0.00024	-220.00	-60.00	0.00022
-220.00	-70.00	0.00020	-220.00	-80.00	0.00018
-220.00	-90.00	0.00017	-220.00	-100.00	0.00016

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00035	-210.00	90.00	0.00039
-210.00	80.00	0.00043	-210.00	70.00	0.00047
-210.00	60.00	0.00049	-210.00	50.00	0.00050
-210.00	40.00	0.00050	-210.00	30.00	0.00048
-210.00	25.00	0.00047	-210.00	20.00	0.00046
-210.00	17.00	0.00046	-210.00	15.00	0.00046
-210.00	13.00	0.00046	-210.00	11.00	0.00046
-210.00	9.00	0.00046	-210.00	-9.00	0.00042
-210.00	-11.00	0.00041	-210.00	-13.00	0.00040
-210.00	-15.00	0.00039	-210.00	-17.00	0.00037
-210.00	-20.00	0.00036	-210.00	-25.00	0.00034
-210.00	-30.00	0.00032	-210.00	-40.00	0.00029
-210.00	-50.00	0.00026	-210.00	-60.00	0.00024
-210.00	-70.00	0.00022	-210.00	-80.00	0.00020
-210.00	-90.00	0.00018	-210.00	-100.00	0.00017
-200.00	100.00	0.00036	-200.00	90.00	0.00042
-200.00	80.00	0.00047	-200.00	70.00	0.00052
-200.00	60.00	0.00056	-200.00	50.00	0.00059
-200.00	40.00	0.00059	-200.00	30.00	0.00058
-200.00	25.00	0.00056	-200.00	20.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00054	-200.00	15.00	0.00054
-200.00	13.00	0.00054	-200.00	11.00	0.00054
-200.00	9.00	0.00054	-200.00	-9.00	0.00048
-200.00	-11.00	0.00047	-200.00	-13.00	0.00045
-200.00	-15.00	0.00044	-200.00	-17.00	0.00042
-200.00	-20.00	0.00041	-200.00	-25.00	0.00038
-200.00	-30.00	0.00036	-200.00	-40.00	0.00033
-200.00	-50.00	0.00029	-200.00	-60.00	0.00027
-200.00	-70.00	0.00024	-200.00	-80.00	0.00022
-200.00	-90.00	0.00020	-200.00	-100.00	0.00019
-190.00	100.00	0.00037	-190.00	90.00	0.00043
-190.00	80.00	0.00050	-190.00	70.00	0.00057
-190.00	60.00	0.00064	-190.00	50.00	0.00069
-190.00	40.00	0.00071	-190.00	30.00	0.00070

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00068	-190.00	20.00	0.00066
-190.00	17.00	0.00065	-190.00	15.00	0.00065
-190.00	13.00	0.00064	-190.00	11.00	0.00064
-190.00	9.00	0.00064	-190.00	-9.00	0.00056
-190.00	-11.00	0.00054	-190.00	-13.00	0.00052
-190.00	-15.00	0.00050	-190.00	-17.00	0.00048
-190.00	-20.00	0.00046	-190.00	-25.00	0.00043
-190.00	-30.00	0.00041	-190.00	-40.00	0.00037
-190.00	-50.00	0.00033	-190.00	-60.00	0.00029
-190.00	-70.00	0.00027	-190.00	-80.00	0.00025
-190.00	-90.00	0.00023	-190.00	-100.00	0.00021
-180.00	100.00	0.00037	-180.00	90.00	0.00044
-180.00	80.00	0.00052	-180.00	70.00	0.00061
-180.00	60.00	0.00070	-180.00	50.00	0.00079
-180.00	40.00	0.00085	-180.00	30.00	0.00086
-180.00	25.00	0.00085	-180.00	20.00	0.00082
-180.00	17.00	0.00080	-180.00	15.00	0.00079
-180.00	13.00	0.00078	-180.00	11.00	0.00078
-180.00	9.00	0.00077	-180.00	-9.00	0.00065
-180.00	-11.00	0.00062	-180.00	-13.00	0.00060
-180.00	-15.00	0.00058	-180.00	-17.00	0.00056
-180.00	-20.00	0.00053	-180.00	-25.00	0.00050
-180.00	-30.00	0.00047	-180.00	-40.00	0.00041
-180.00	-50.00	0.00037	-180.00	-60.00	0.00033
-180.00	-70.00	0.00030	-180.00	-80.00	0.00028
-180.00	-90.00	0.00026	-180.00	-100.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00036	-170.00	90.00	0.00043
-170.00	80.00	0.00053	-170.00	70.00	0.00063
-170.00	60.00	0.00075	-170.00	50.00	0.00089
-170.00	40.00	0.00100	-170.00	30.00	0.00107
-170.00	25.00	0.00107	-170.00	20.00	0.00104
-170.00	17.00	0.00102	-170.00	15.00	0.00100
-170.00	13.00	0.00098	-170.00	11.00	0.00096
-170.00	9.00	0.00095	-170.00	-9.00	0.00075

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00072	-170.00	-13.00	0.00069
-170.00	-15.00	0.00067	-170.00	-17.00	0.00064
-170.00	-20.00	0.00061	-170.00	-25.00	0.00057
-170.00	-30.00	0.00053	-170.00	-40.00	0.00047
-170.00	-50.00	0.00042	-170.00	-60.00	0.00038
-170.00	-70.00	0.00035	-170.00	-80.00	0.00032
-170.00	-90.00	0.00029	-170.00	-100.00	0.00027
-160.00	100.00	0.00034	-160.00	90.00	0.00042
-160.00	80.00	0.00052	-160.00	70.00	0.00064
-160.00	60.00	0.00078	-160.00	50.00	0.00095
-160.00	40.00	0.00114	-160.00	30.00	0.00130
-160.00	25.00	0.00135	-160.00	20.00	0.00135
-160.00	17.00	0.00132	-160.00	15.00	0.00130
-160.00	13.00	0.00127	-160.00	11.00	0.00124
-160.00	9.00	0.00121	-160.00	-9.00	0.00088
-160.00	-11.00	0.00084	-160.00	-13.00	0.00080
-160.00	-15.00	0.00077	-160.00	-17.00	0.00074
-160.00	-20.00	0.00070	-160.00	-25.00	0.00065
-160.00	-30.00	0.00061	-160.00	-40.00	0.00054
-160.00	-50.00	0.00049	-160.00	-60.00	0.00044
-160.00	-70.00	0.00040	-160.00	-80.00	0.00036
-160.00	-90.00	0.00033	-160.00	-100.00	0.00030
-150.00	100.00	0.00033	-150.00	90.00	0.00040
-150.00	80.00	0.00050	-150.00	70.00	0.00063
-150.00	60.00	0.00079	-150.00	50.00	0.00099
-150.00	40.00	0.00123	-150.00	30.00	0.00149
-150.00	25.00	0.00162	-150.00	20.00	0.00171
-150.00	17.00	0.00174	-150.00	15.00	0.00174
-150.00	13.00	0.00171	-150.00	11.00	0.00167
-150.00	9.00	0.00162	-150.00	-9.00	0.00103
-150.00	-11.00	0.00098	-150.00	-13.00	0.00093
-150.00	-15.00	0.00089	-150.00	-17.00	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00081	-150.00	-25.00	0.00076
-150.00	-30.00	0.00072	-150.00	-40.00	0.00064



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00057	-150.00	-60.00	0.00051
-150.00	-70.00	0.00046	-150.00	-80.00	0.00041
-150.00	-90.00	0.00037	-150.00	-100.00	0.00033
-140.00	100.00	0.00030	-140.00	90.00	0.00038
-140.00	80.00	0.00048	-140.00	70.00	0.00061
-140.00	60.00	0.00077	-140.00	50.00	0.00099
-140.00	40.00	0.00126	-140.00	30.00	0.00160
-140.00	25.00	0.00178	-140.00	20.00	0.00197
-140.00	17.00	0.00207	-140.00	15.00	0.00213
-140.00	13.00	0.00219	-140.00	11.00	0.00224
-140.00	9.00	0.00226	-140.00	-9.00	0.00123
-140.00	-11.00	0.00117	-140.00	-13.00	0.00111
-140.00	-15.00	0.00107	-140.00	-17.00	0.00103
-140.00	-20.00	0.00098	-140.00	-25.00	0.00092
-140.00	-30.00	0.00086	-140.00	-40.00	0.00076
-140.00	-50.00	0.00067	-140.00	-60.00	0.00060
-140.00	-70.00	0.00053	-140.00	-80.00	0.00047
-140.00	-90.00	0.00042	-140.00	-100.00	0.00038
-130.00	100.00	0.00027	-130.00	90.00	0.00034
-130.00	80.00	0.00044	-130.00	70.00	0.00057
-130.00	60.00	0.00074	-130.00	50.00	0.00096
-130.00	40.00	0.00126	-130.00	30.00	0.00163
-130.00	25.00	0.00184	-130.00	20.00	0.00207
-130.00	17.00	0.00220	-130.00	15.00	0.00228
-130.00	13.00	0.00237	-130.00	11.00	0.00247
-130.00	9.00	0.00257	-130.00	-9.00	0.00207
-130.00	-11.00	0.00180	-130.00	-13.00	0.00163
-130.00	-15.00	0.00151	-130.00	-17.00	0.00143
-130.00	-20.00	0.00133	-130.00	-25.00	0.00120
-130.00	-30.00	0.00111	-130.00	-40.00	0.00095
-130.00	-50.00	0.00082	-130.00	-60.00	0.00071
-130.00	-70.00	0.00062	-130.00	-80.00	0.00054
-130.00	-90.00	0.00048	-130.00	-100.00	0.00043
-120.00	100.00	0.00025	-120.00	90.00	0.00031
-120.00	80.00	0.00040	-120.00	70.00	0.00052
-120.00	60.00	0.00069	-120.00	50.00	0.00092
-120.00	40.00	0.00123	-120.00	30.00	0.00163
-120.00	25.00	0.00186	-120.00	20.00	0.00211

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

07NCRA PL92-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00227	-120.00	15.00	0.00237	
-120.00	13.00	0.00247	-120.00	11.00	0.00259	
-120.00	9.00	0.00274	-120.00	-9.00	0.00418	
-120.00	-11.00	0.00366	-120.00	-13.00	0.00323	
-120.00	-15.00	0.00287	-120.00	-17.00	0.00258	
-120.00	-20.00	0.00225	-120.00	-25.00	0.00186	
-120.00	-30.00	0.00161	-120.00	-40.00	0.00127	
-120.00	-50.00	0.00104	-120.00	-60.00	0.00088	
-120.00	-70.00	0.00074	-120.00	-80.00	0.00064	
-120.00	-90.00	0.00056	-120.00	-100.00	0.00048	
-110.00	100.00	0.00022	-110.00	90.00	0.00028	
-110.00	80.00	0.00036	-110.00	70.00	0.00047	
-110.00	60.00	0.00063	-110.00	50.00	0.00085	
-110.00	40.00	0.00117	-110.00	30.00	0.00159	
-110.00	25.00	0.00184	-110.00	20.00	0.00212	
-110.00	17.00	0.00230	-110.00	15.00	0.00243	
-110.00	13.00	0.00256	-110.00	11.00	0.00270	
-110.00	9.00	0.00289	-110.00	-9.00	0.00561	
-110.00	-11.00	0.00517	-110.00	-13.00	0.00476	
-110.00	-15.00	0.00437	-110.00	-17.00	0.00401	
-110.00	-20.00	0.00353	-110.00	-25.00	0.00288	
-110.00	-30.00	0.00240	-110.00	-40.00	0.00176	
-110.00	-50.00	0.00137	-110.00	-60.00	0.00110	
-110.00	-70.00	0.00091	-110.00	-80.00	0.00076	
-110.00	-90.00	0.00065	-110.00	-100.00	0.00056	
-100.00	100.00	0.00020	-100.00	90.00	0.00025	
-100.00	80.00	0.00032	-100.00	70.00	0.00041	
-100.00	60.00	0.00055	-100.00	50.00	0.00076	
-100.00	40.00	0.00107	-100.00	30.00	0.00151	
-100.00	25.00	0.00178	-100.00	20.00	0.00209	
-100.00	17.00	0.00230	-100.00	15.00	0.00244	
-100.00	13.00	0.00260	-100.00	11.00	0.00277	
-100.00	9.00	0.00299	-100.00	-9.00	0.00643	
-100.00	-11.00	0.00607	-100.00	-13.00	0.00573	
-100.00	-15.00	0.00539	-100.00	-17.00	0.00506	
-100.00	-20.00	0.00459	-100.00	-25.00	0.00387	
-100.00	-30.00	0.00326	-100.00	-40.00	0.00236	
-100.00	-50.00	0.00179	-100.00	-60.00	0.00140	
-100.00	-70.00	0.00112	-100.00	-80.00	0.00091	
-100.00	-90.00	0.00076	-100.00	-100.00	0.00064	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00019	-90.00	90.00	0.00023
-90.00	80.00	0.00028	-90.00	70.00	0.00036
-90.00	60.00	0.00048	-90.00	50.00	0.00066
-90.00	40.00	0.00094	-90.00	30.00	0.00138
-90.00	25.00	0.00167	-90.00	20.00	0.00201
-90.00	17.00	0.00223	-90.00	15.00	0.00239
-90.00	13.00	0.00257	-90.00	11.00	0.00277
-90.00	9.00	0.00301	-90.00	-9.00	0.00690
-90.00	-11.00	0.00660	-90.00	-13.00	0.00632
-90.00	-15.00	0.00603	-90.00	-17.00	0.00574
-90.00	-20.00	0.00531	-90.00	-25.00	0.00461
-90.00	-30.00	0.00398	-90.00	-40.00	0.00296
-90.00	-50.00	0.00223	-90.00	-60.00	0.00172
-90.00	-70.00	0.00135	-90.00	-80.00	0.00109
-90.00	-90.00	0.00089	-90.00	-100.00	0.00074
-80.00	100.00	0.00017	-80.00	90.00	0.00020
-80.00	80.00	0.00025	-80.00	70.00	0.00031
-80.00	60.00	0.00041	-80.00	50.00	0.00055
-80.00	40.00	0.00079	-80.00	30.00	0.00120
-80.00	25.00	0.00149	-80.00	20.00	0.00184
-80.00	17.00	0.00209	-80.00	15.00	0.00227
-80.00	13.00	0.00246	-80.00	11.00	0.00268
-80.00	9.00	0.00294	-80.00	-9.00	0.00717
-80.00	-11.00	0.00690	-80.00	-13.00	0.00666
-80.00	-15.00	0.00641	-80.00	-17.00	0.00615
-80.00	-20.00	0.00576	-80.00	-25.00	0.00512
-80.00	-30.00	0.00451	-80.00	-40.00	0.00346
-80.00	-50.00	0.00265	-80.00	-60.00	0.00203
-80.00	-70.00	0.00159	-80.00	-80.00	0.00127
-80.00	-90.00	0.00103	-80.00	-100.00	0.00085
-70.00	100.00	0.00016	-70.00	90.00	0.00019
-70.00	80.00	0.00023	-70.00	70.00	0.00028
-70.00	60.00	0.00036	-70.00	50.00	0.00047
-70.00	40.00	0.00066	-70.00	30.00	0.00098

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00123	-70.00	20.00	0.00157
-70.00	17.00	0.00183	-70.00	15.00	0.00202
-70.00	13.00	0.00224	-70.00	11.00	0.00248
-70.00	9.00	0.00276	-70.00	-9.00	0.00730
-70.00	-11.00	0.00705	-70.00	-13.00	0.00684
-70.00	-15.00	0.00662	-70.00	-17.00	0.00640

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00604	-70.00	-25.00	0.00545
-70.00	-30.00	0.00488	-70.00	-40.00	0.00384
-70.00	-50.00	0.00299	-70.00	-60.00	0.00232
-70.00	-70.00	0.00182	-70.00	-80.00	0.00145
-70.00	-90.00	0.00118	-70.00	-100.00	0.00097
-60.00	100.00	0.00015	-60.00	90.00	0.00017
-60.00	80.00	0.00021	-60.00	70.00	0.00025
-60.00	60.00	0.00032	-60.00	50.00	0.00041
-60.00	40.00	0.00055	-60.00	30.00	0.00078
-60.00	25.00	0.00096	-60.00	20.00	0.00123
-60.00	17.00	0.00144	-60.00	15.00	0.00162
-60.00	13.00	0.00183	-60.00	11.00	0.00209
-60.00	9.00	0.00241	-60.00	-9.00	0.00733
-60.00	-11.00	0.00710	-60.00	-13.00	0.00690
-60.00	-15.00	0.00672	-60.00	-17.00	0.00652
-60.00	-20.00	0.00620	-60.00	-25.00	0.00564
-60.00	-30.00	0.00509	-60.00	-40.00	0.00408
-60.00	-50.00	0.00324	-60.00	-60.00	0.00256
-60.00	-70.00	0.00203	-60.00	-80.00	0.00163
-60.00	-90.00	0.00132	-60.00	-100.00	0.00109
-50.00	100.00	0.00014	-50.00	90.00	0.00016
-50.00	80.00	0.00019	-50.00	70.00	0.00023
-50.00	60.00	0.00029	-50.00	50.00	0.00037
-50.00	40.00	0.00048	-50.00	30.00	0.00066
-50.00	25.00	0.00079	-50.00	20.00	0.00097
-50.00	17.00	0.00112	-50.00	15.00	0.00123
-50.00	13.00	0.00138	-50.00	11.00	0.00156
-50.00	9.00	0.00181	-50.00	-9.00	0.00725

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00705	-50.00	-13.00	0.00685
-50.00	-15.00	0.00668	-50.00	-17.00	0.00650
-50.00	-20.00	0.00621	-50.00	-25.00	0.00569
-50.00	-30.00	0.00518	-50.00	-40.00	0.00423
-50.00	-50.00	0.00341	-50.00	-60.00	0.00274
-50.00	-70.00	0.00220	-50.00	-80.00	0.00178
-50.00	-90.00	0.00145	-50.00	-100.00	0.00119
-40.00	100.00	0.00013	-40.00	90.00	0.00015
-40.00	80.00	0.00018	-40.00	70.00	0.00022
-40.00	60.00	0.00027	-40.00	50.00	0.00034
-40.00	40.00	0.00044	-40.00	30.00	0.00059
-40.00	25.00	0.00070	-40.00	20.00	0.00085

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00097	-40.00	15.00	0.00107
-40.00	13.00	0.00119	-40.00	11.00	0.00133
-40.00	9.00	0.00152	-40.00	-9.00	0.00644
-40.00	-11.00	0.00651	-40.00	-13.00	0.00645
-40.00	-15.00	0.00633	-40.00	-17.00	0.00622
-40.00	-20.00	0.00599	-40.00	-25.00	0.00556
-40.00	-30.00	0.00511	-40.00	-40.00	0.00424
-40.00	-50.00	0.00347	-40.00	-60.00	0.00284
-40.00	-70.00	0.00231	-40.00	-80.00	0.00189
-40.00	-90.00	0.00155	-40.00	-100.00	0.00129
-30.00	100.00	0.00012	-30.00	90.00	0.00015
-30.00	80.00	0.00017	-30.00	70.00	0.00021
-30.00	60.00	0.00025	-30.00	50.00	0.00031
-30.00	40.00	0.00040	-30.00	30.00	0.00053
-30.00	25.00	0.00063	-30.00	20.00	0.00076
-30.00	17.00	0.00087	-30.00	15.00	0.00096
-30.00	13.00	0.00106	-30.00	11.00	0.00118
-30.00	9.00	0.00133	-30.00	-9.00	0.00430
-30.00	-11.00	0.00462	-30.00	-13.00	0.00487
-30.00	-15.00	0.00504	-30.00	-17.00	0.00513
-30.00	-20.00	0.00516	-30.00	-25.00	0.00501
-30.00	-30.00	0.00472	-30.00	-40.00	0.00407

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00342	-30.00	-60.00	0.00284
-30.00	-70.00	0.00236	-30.00	-80.00	0.00196
-30.00	-90.00	0.00163	-30.00	-100.00	0.00136
-20.00	100.00	0.00012	-20.00	90.00	0.00014
-20.00	80.00	0.00016	-20.00	70.00	0.00019
-20.00	60.00	0.00023	-20.00	50.00	0.00029
-20.00	40.00	0.00037	-20.00	30.00	0.00048
-20.00	25.00	0.00057	-20.00	20.00	0.00068
-20.00	17.00	0.00077	-20.00	15.00	0.00084
-20.00	13.00	0.00092	-20.00	11.00	0.00101
-20.00	9.00	0.00112	-20.00	-9.00	0.00287
-20.00	-11.00	0.00312	-20.00	-13.00	0.00335
-20.00	-15.00	0.00355	-20.00	-17.00	0.00372
-20.00	-20.00	0.00390	-20.00	-25.00	0.00404
-20.00	-30.00	0.00402	-20.00	-40.00	0.00368
-20.00	-50.00	0.00321	-20.00	-60.00	0.00275
-20.00	-70.00	0.00233	-20.00	-80.00	0.00197
-20.00	-90.00	0.00166	-20.00	-100.00	0.00141

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00011	-10.00	90.00	0.00013
-10.00	80.00	0.00015	-10.00	70.00	0.00018
-10.00	60.00	0.00022	-10.00	50.00	0.00027
-10.00	40.00	0.00034	-10.00	30.00	0.00044
-10.00	25.00	0.00051	-10.00	20.00	0.00060
-10.00	17.00	0.00067	-10.00	15.00	0.00073
-10.00	13.00	0.00079	-10.00	11.00	0.00086
-10.00	9.00	0.00094	-10.00	-9.00	0.00202
-10.00	-11.00	0.00219	-10.00	-13.00	0.00236
-10.00	-15.00	0.00252	-10.00	-17.00	0.00266
-10.00	-20.00	0.00285	-10.00	-25.00	0.00308
-10.00	-30.00	0.00319	-10.00	-40.00	0.00315
-10.00	-50.00	0.00289	-10.00	-60.00	0.00256
-10.00	-70.00	0.00223	-10.00	-80.00	0.00193
-10.00	-90.00	0.00166	-10.00	-100.00	0.00142
0.00	100.00	0.00010	0.00	90.00	0.00012

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00014	0.00	70.00	0.00017
0.00	60.00	0.00020	0.00	50.00	0.00025
0.00	40.00	0.00031	0.00	30.00	0.00040
0.00	25.00	0.00046	0.00	20.00	0.00053
0.00	17.00	0.00059	0.00	15.00	0.00063
0.00	13.00	0.00068	0.00	11.00	0.00073
0.00	9.00	0.00079	0.00	-9.00	0.00150
0.00	-11.00	0.00161	0.00	-13.00	0.00173
0.00	-15.00	0.00184	0.00	-17.00	0.00195
0.00	-20.00	0.00211	0.00	-25.00	0.00233
0.00	-30.00	0.00248	0.00	-40.00	0.00259
0.00	-50.00	0.00251	0.00	-60.00	0.00231
0.00	-70.00	0.00207	0.00	-80.00	0.00183
0.00	-90.00	0.00161	0.00	-100.00	0.00140
10.00	100.00	0.00010	10.00	90.00	0.00012
10.00	80.00	0.00014	10.00	70.00	0.00016
10.00	60.00	0.00019	10.00	50.00	0.00023
10.00	40.00	0.00028	10.00	30.00	0.00036
10.00	25.00	0.00041	10.00	20.00	0.00047
10.00	17.00	0.00052	10.00	15.00	0.00055
10.00	13.00	0.00059	10.00	11.00	0.00062
10.00	9.00	0.00066	10.00	-9.00	0.00116
10.00	-11.00	0.00124	10.00	-13.00	0.00132
10.00	-15.00	0.00140	10.00	-17.00	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00160	10.00	-25.00	0.00179
10.00	-30.00	0.00193	10.00	-40.00	0.00210
10.00	-50.00	0.00212	10.00	-60.00	0.00204
10.00	-70.00	0.00189	10.00	-80.00	0.00171
10.00	-90.00	0.00153	10.00	-100.00	0.00136
20.00	100.00	0.00010	20.00	90.00	0.00011
20.00	80.00	0.00013	20.00	70.00	0.00015
20.00	60.00	0.00018	20.00	50.00	0.00021
20.00	40.00	0.00026	20.00	30.00	0.00032
20.00	25.00	0.00036	20.00	20.00	0.00042

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00045	20.00	15.00	0.00048
20.00	13.00	0.00051	20.00	11.00	0.00054
20.00	9.00	0.00057	20.00	-9.00	0.00093
20.00	-11.00	0.00098	20.00	-13.00	0.00104
20.00	-15.00	0.00110	20.00	-17.00	0.00116
20.00	-20.00	0.00125	20.00	-25.00	0.00139
20.00	-30.00	0.00152	20.00	-40.00	0.00170
20.00	-50.00	0.00177	20.00	-60.00	0.00176
20.00	-70.00	0.00168	20.00	-80.00	0.00156
20.00	-90.00	0.00143	20.00	-100.00	0.00129
30.00	100.00	0.00009	30.00	90.00	0.00011
30.00	80.00	0.00012	30.00	70.00	0.00014
30.00	60.00	0.00017	30.00	50.00	0.00020
30.00	40.00	0.00023	30.00	30.00	0.00029
30.00	25.00	0.00033	30.00	20.00	0.00037
30.00	17.00	0.00040	30.00	15.00	0.00042
30.00	13.00	0.00044	30.00	11.00	0.00046
30.00	9.00	0.00049	30.00	-9.00	0.00076
30.00	-11.00	0.00080	30.00	-13.00	0.00084
30.00	-15.00	0.00088	30.00	-17.00	0.00093
30.00	-20.00	0.00099	30.00	-25.00	0.00111
30.00	-30.00	0.00122	30.00	-40.00	0.00139
30.00	-50.00	0.00148	30.00	-60.00	0.00150
30.00	-70.00	0.00147	30.00	-80.00	0.00141
30.00	-90.00	0.00132	30.00	-100.00	0.00121
40.00	100.00	0.00009	40.00	90.00	0.00010
40.00	80.00	0.00012	40.00	70.00	0.00013
40.00	60.00	0.00015	40.00	50.00	0.00018
40.00	40.00	0.00021	40.00	30.00	0.00026
40.00	25.00	0.00030	40.00	20.00	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00035	40.00	15.00	0.00037
40.00	13.00	0.00039	40.00	11.00	0.00041
40.00	9.00	0.00042	40.00	-9.00	0.00063
40.00	-11.00	0.00066	40.00	-13.00	0.00069



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00073	40.00	-17.00	0.00076
40.00	-20.00	0.00081	40.00	-25.00	0.00090
40.00	-30.00	0.00099	40.00	-40.00	0.00114
40.00	-50.00	0.00124	40.00	-60.00	0.00128
40.00	-70.00	0.00128	40.00	-80.00	0.00125
40.00	-90.00	0.00120	40.00	-100.00	0.00112
50.00	100.00	0.00009	50.00	90.00	0.00010
50.00	80.00	0.00011	50.00	70.00	0.00013
50.00	60.00	0.00014	50.00	50.00	0.00017
50.00	40.00	0.00020	50.00	30.00	0.00024
50.00	25.00	0.00027	50.00	20.00	0.00030
50.00	17.00	0.00032	50.00	15.00	0.00033
50.00	13.00	0.00034	50.00	11.00	0.00036
50.00	9.00	0.00037	50.00	-9.00	0.00054
50.00	-11.00	0.00056	50.00	-13.00	0.00058
50.00	-15.00	0.00061	50.00	-17.00	0.00063
50.00	-20.00	0.00067	50.00	-25.00	0.00074
50.00	-30.00	0.00082	50.00	-40.00	0.00095
50.00	-50.00	0.00104	50.00	-60.00	0.00110
50.00	-70.00	0.00112	50.00	-80.00	0.00111
50.00	-90.00	0.00108	50.00	-100.00	0.00103
60.00	100.00	0.00008	60.00	90.00	0.00009
60.00	80.00	0.00010	60.00	70.00	0.00012
60.00	60.00	0.00013	60.00	50.00	0.00015
60.00	40.00	0.00018	60.00	30.00	0.00022
60.00	25.00	0.00024	60.00	20.00	0.00027
60.00	17.00	0.00028	60.00	15.00	0.00029
60.00	13.00	0.00030	60.00	11.00	0.00032
60.00	9.00	0.00033	60.00	-9.00	0.00046
60.00	-11.00	0.00048	60.00	-13.00	0.00050
60.00	-15.00	0.00052	60.00	-17.00	0.00054
60.00	-20.00	0.00057	60.00	-25.00	0.00063
60.00	-30.00	0.00068	60.00	-40.00	0.00080
60.00	-50.00	0.00089	60.00	-60.00	0.00094
60.00	-70.00	0.00097	60.00	-80.00	0.00098
60.00	-90.00	0.00096	60.00	-100.00	0.00093

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

07NCRA PL92-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00008	70.00	90.00	0.00009
70.00	80.00	0.00010	70.00	70.00	0.00011
70.00	60.00	0.00012	70.00	50.00	0.00014
70.00	40.00	0.00017	70.00	30.00	0.00020
70.00	25.00	0.00022	70.00	20.00	0.00024
70.00	17.00	0.00025	70.00	15.00	0.00026
70.00	13.00	0.00027	70.00	11.00	0.00028
70.00	9.00	0.00029	70.00	-9.00	0.00040
70.00	-11.00	0.00041	70.00	-13.00	0.00043
70.00	-15.00	0.00044	70.00	-17.00	0.00046
70.00	-20.00	0.00049	70.00	-25.00	0.00053
70.00	-30.00	0.00058	70.00	-40.00	0.00067
70.00	-50.00	0.00076	70.00	-60.00	0.00082
70.00	-70.00	0.00085	70.00	-80.00	0.00086
70.00	-90.00	0.00086	70.00	-100.00	0.00084
80.00	100.00	0.00007	80.00	90.00	0.00008
80.00	80.00	0.00009	80.00	70.00	0.00010
80.00	60.00	0.00012	80.00	50.00	0.00013
80.00	40.00	0.00016	80.00	30.00	0.00019
80.00	25.00	0.00020	80.00	20.00	0.00022
80.00	17.00	0.00023	80.00	15.00	0.00024
80.00	13.00	0.00025	80.00	11.00	0.00025
80.00	9.00	0.00026	80.00	-9.00	0.00035
80.00	-11.00	0.00036	80.00	-13.00	0.00037
80.00	-15.00	0.00039	80.00	-17.00	0.00040
80.00	-20.00	0.00042	80.00	-25.00	0.00046
80.00	-30.00	0.00050	80.00	-40.00	0.00058
80.00	-50.00	0.00065	80.00	-60.00	0.00071
80.00	-70.00	0.00075	80.00	-80.00	0.00076
80.00	-90.00	0.00077	80.00	-100.00	0.00076
90.00	100.00	0.00007	90.00	90.00	0.00008
90.00	80.00	0.00009	90.00	70.00	0.00010
90.00	60.00	0.00011	90.00	50.00	0.00012
90.00	40.00	0.00015	90.00	30.00	0.00017
90.00	25.00	0.00018	90.00	20.00	0.00020
90.00	17.00	0.00021	90.00	15.00	0.00022
90.00	13.00	0.00022	90.00	11.00	0.00023
90.00	9.00	0.00024	90.00	-9.00	0.00031
90.00	-11.00	0.00032	90.00	-13.00	0.00033
90.00	-15.00	0.00034	90.00	-17.00	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTS:  
PAGE 96

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00037	90.00	-25.00	0.00040
90.00	-30.00	0.00043	90.00	-40.00	0.00050
90.00	-50.00	0.00056	90.00	-60.00	0.00062
90.00	-70.00	0.00066	90.00	-80.00	0.00068
90.00	-90.00	0.00069	90.00	-100.00	0.00069
100.00	100.00	0.00007	100.00	90.00	0.00007
100.00	80.00	0.00008	100.00	70.00	0.00009
100.00	60.00	0.00010	100.00	50.00	0.00012
100.00	40.00	0.00014	100.00	30.00	0.00016
100.00	25.00	0.00017	100.00	20.00	0.00018
100.00	17.00	0.00019	100.00	15.00	0.00020
100.00	13.00	0.00020	100.00	11.00	0.00021
100.00	9.00	0.00021	100.00	-9.00	0.00028
100.00	-11.00	0.00028	100.00	-13.00	0.00029
100.00	-15.00	0.00030	100.00	-17.00	0.00031
100.00	-20.00	0.00033	100.00	-25.00	0.00035
100.00	-30.00	0.00038	100.00	-40.00	0.00043
100.00	-50.00	0.00049	100.00	-60.00	0.00054
100.00	-70.00	0.00058	100.00	-80.00	0.00060
100.00	-90.00	0.00062	100.00	-100.00	0.00062
110.00	100.00	0.00006	110.00	90.00	0.00007
110.00	80.00	0.00008	110.00	70.00	0.00008
110.00	60.00	0.00010	110.00	50.00	0.00011
110.00	40.00	0.00013	110.00	30.00	0.00015
110.00	25.00	0.00016	110.00	20.00	0.00017
110.00	17.00	0.00017	110.00	15.00	0.00018
110.00	13.00	0.00018	110.00	11.00	0.00019
110.00	9.00	0.00019	110.00	-9.00	0.00025
110.00	-11.00	0.00025	110.00	-13.00	0.00026
110.00	-15.00	0.00027	110.00	-17.00	0.00028
110.00	-20.00	0.00029	110.00	-25.00	0.00031
110.00	-30.00	0.00033	110.00	-40.00	0.00038
110.00	-50.00	0.00043	110.00	-60.00	0.00048
110.00	-70.00	0.00051	110.00	-80.00	0.00054
110.00	-90.00	0.00055	110.00	-100.00	0.00056
120.00	100.00	0.00006	120.00	90.00	0.00007

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00007	120.00	70.00	0.00008
120.00	60.00	0.00009	120.00	50.00	0.00010
120.00	40.00	0.00012	120.00	30.00	0.00014
120.00	25.00	0.00014	120.00	20.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00016	120.00	15.00	0.00016
120.00	13.00	0.00017	120.00	11.00	0.00017
120.00	9.00	0.00018	120.00	-9.00	0.00022
120.00	-11.00	0.00023	120.00	-13.00	0.00024
120.00	-15.00	0.00024	120.00	-17.00	0.00025
120.00	-20.00	0.00026	120.00	-25.00	0.00028
120.00	-30.00	0.00030	120.00	-40.00	0.00034
120.00	-50.00	0.00038	120.00	-60.00	0.00042
120.00	-70.00	0.00045	120.00	-80.00	0.00048
120.00	-90.00	0.00050	120.00	-100.00	0.00051
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00007	130.00	70.00	0.00008
130.00	60.00	0.00009	130.00	50.00	0.00010
130.00	40.00	0.00011	130.00	30.00	0.00013
130.00	25.00	0.00013	130.00	20.00	0.00014
130.00	17.00	0.00015	130.00	15.00	0.00015
130.00	13.00	0.00016	130.00	11.00	0.00016
130.00	9.00	0.00016	130.00	-9.00	0.00020
130.00	-11.00	0.00021	130.00	-13.00	0.00021
130.00	-15.00	0.00022	130.00	-17.00	0.00022
130.00	-20.00	0.00023	130.00	-25.00	0.00025
130.00	-30.00	0.00027	130.00	-40.00	0.00030
130.00	-50.00	0.00034	130.00	-60.00	0.00037
130.00	-70.00	0.00041	130.00	-80.00	0.00043
130.00	-90.00	0.00045	130.00	-100.00	0.00046
140.00	100.00	0.00005	140.00	90.00	0.00006
140.00	80.00	0.00007	140.00	70.00	0.00007
140.00	60.00	0.00008	140.00	50.00	0.00009
140.00	40.00	0.00010	140.00	30.00	0.00012
140.00	25.00	0.00012	140.00	20.00	0.00013

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00014	140.00	15.00	0.00014
140.00	13.00	0.00014	140.00	11.00	0.00015
140.00	9.00	0.00015	140.00	-9.00	0.00018
140.00	-11.00	0.00019	140.00	-13.00	0.00019
140.00	-15.00	0.00020	140.00	-17.00	0.00020
140.00	-20.00	0.00021	140.00	-25.00	0.00022
140.00	-30.00	0.00024	140.00	-40.00	0.00027
140.00	-50.00	0.00030	140.00	-60.00	0.00033
140.00	-70.00	0.00036	140.00	-80.00	0.00039
140.00	-90.00	0.00041	140.00	-100.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00006
150.00	80.00	0.00006	150.00	70.00	0.00007
150.00	60.00	0.00008	150.00	50.00	0.00009
150.00	40.00	0.00010	150.00	30.00	0.00011
150.00	25.00	0.00012	150.00	20.00	0.00012
150.00	17.00	0.00013	150.00	15.00	0.00013
150.00	13.00	0.00013	150.00	11.00	0.00014
150.00	9.00	0.00014	150.00	-9.00	0.00017
150.00	-11.00	0.00017	150.00	-13.00	0.00018
150.00	-15.00	0.00018	150.00	-17.00	0.00019
150.00	-20.00	0.00019	150.00	-25.00	0.00020
150.00	-30.00	0.00022	150.00	-40.00	0.00024
150.00	-50.00	0.00027	150.00	-60.00	0.00030
150.00	-70.00	0.00033	150.00	-80.00	0.00035
150.00	-90.00	0.00037	150.00	-100.00	0.00038
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00006	160.00	70.00	0.00007
160.00	60.00	0.00007	160.00	50.00	0.00008
160.00	40.00	0.00009	160.00	30.00	0.00010
160.00	25.00	0.00011	160.00	20.00	0.00011
160.00	17.00	0.00012	160.00	15.00	0.00012
160.00	13.00	0.00012	160.00	11.00	0.00013
160.00	9.00	0.00013	160.00	-9.00	0.00016
160.00	-11.00	0.00016	160.00	-13.00	0.00016

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00017	160.00	-17.00	0.00017
160.00	-20.00	0.00018	160.00	-25.00	0.00019
160.00	-30.00	0.00020	160.00	-40.00	0.00022
160.00	-50.00	0.00024	160.00	-60.00	0.00027
160.00	-70.00	0.00029	160.00	-80.00	0.00032
160.00	-90.00	0.00034	160.00	-100.00	0.00035
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00006	170.00	70.00	0.00006
170.00	60.00	0.00007	170.00	50.00	0.00008
170.00	40.00	0.00009	170.00	30.00	0.00010
170.00	25.00	0.00010	170.00	20.00	0.00011
170.00	17.00	0.00011	170.00	15.00	0.00011
170.00	13.00	0.00011	170.00	11.00	0.00012
170.00	9.00	0.00012	170.00	-9.00	0.00014
170.00	-11.00	0.00015	170.00	-13.00	0.00015
170.00	-15.00	0.00015	170.00	-17.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00016	170.00	-25.00	0.00017
170.00	-30.00	0.00018	170.00	-40.00	0.00020
170.00	-50.00	0.00022	170.00	-60.00	0.00024
170.00	-70.00	0.00027	170.00	-80.00	0.00029
170.00	-90.00	0.00031	170.00	-100.00	0.00032
180.00	100.00	0.00005	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00006
180.00	60.00	0.00007	180.00	50.00	0.00007
180.00	40.00	0.00008	180.00	30.00	0.00009
180.00	25.00	0.00010	180.00	20.00	0.00010
180.00	17.00	0.00010	180.00	15.00	0.00011
180.00	13.00	0.00011	180.00	11.00	0.00011
180.00	9.00	0.00011	180.00	-9.00	0.00013
180.00	-11.00	0.00014	180.00	-13.00	0.00014
180.00	-15.00	0.00014	180.00	-17.00	0.00014
180.00	-20.00	0.00015	180.00	-25.00	0.00016
180.00	-30.00	0.00016	180.00	-40.00	0.00018
180.00	-50.00	0.00020	180.00	-60.00	0.00022

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00024	180.00	-80.00	0.00026
180.00	-90.00	0.00028	180.00	-100.00	0.00029
190.00	100.00	0.00004	190.00	90.00	0.00005
190.00	80.00	0.00005	190.00	70.00	0.00006
190.00	60.00	0.00006	190.00	50.00	0.00007
190.00	40.00	0.00008	190.00	30.00	0.00009
190.00	25.00	0.00009	190.00	20.00	0.00009
190.00	17.00	0.00010	190.00	15.00	0.00010
190.00	13.00	0.00010	190.00	11.00	0.00010
190.00	9.00	0.00010	190.00	-9.00	0.00012
190.00	-11.00	0.00013	190.00	-13.00	0.00013
190.00	-15.00	0.00013	190.00	-17.00	0.00013
190.00	-20.00	0.00014	190.00	-25.00	0.00014
190.00	-30.00	0.00015	190.00	-40.00	0.00017
190.00	-50.00	0.00019	190.00	-60.00	0.00020
190.00	-70.00	0.00022	190.00	-80.00	0.00024
190.00	-90.00	0.00026	190.00	-100.00	0.00027
200.00	100.00	0.00004	200.00	90.00	0.00005
200.00	80.00	0.00005	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00007
200.00	40.00	0.00007	200.00	30.00	0.00008
200.00	25.00	0.00008	200.00	20.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00009	200.00	15.00	0.00009
200.00	13.00	0.00009	200.00	11.00	0.00010
200.00	9.00	0.00010	200.00	-9.00	0.00011
200.00	-11.00	0.00012	200.00	-13.00	0.00012
200.00	-15.00	0.00012	200.00	-17.00	0.00012
200.00	-20.00	0.00013	200.00	-25.00	0.00013
200.00	-30.00	0.00014	200.00	-40.00	0.00015
200.00	-50.00	0.00017	200.00	-60.00	0.00019
200.00	-70.00	0.00020	200.00	-80.00	0.00022
200.00	-90.00	0.00023	200.00	-100.00	0.00025
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00005	210.00	70.00	0.00005

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00007	210.00	30.00	0.00008
210.00	25.00	0.00008	210.00	20.00	0.00008
210.00	17.00	0.00009	210.00	15.00	0.00009
210.00	13.00	0.00009	210.00	11.00	0.00009
210.00	9.00	0.00009	210.00	-9.00	0.00011
210.00	-11.00	0.00011	210.00	-13.00	0.00011
210.00	-15.00	0.00011	210.00	-17.00	0.00012
210.00	-20.00	0.00012	210.00	-25.00	0.00012
210.00	-30.00	0.00013	210.00	-40.00	0.00014
210.00	-50.00	0.00016	210.00	-60.00	0.00017
210.00	-70.00	0.00019	210.00	-80.00	0.00020
210.00	-90.00	0.00022	210.00	-100.00	0.00023
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00006	220.00	50.00	0.00006
220.00	40.00	0.00007	220.00	30.00	0.00007
220.00	25.00	0.00008	220.00	20.00	0.00008
220.00	17.00	0.00008	220.00	15.00	0.00008
220.00	13.00	0.00008	220.00	11.00	0.00008
220.00	9.00	0.00009	220.00	-9.00	0.00010
220.00	-11.00	0.00010	220.00	-13.00	0.00010
220.00	-15.00	0.00011	220.00	-17.00	0.00011
220.00	-20.00	0.00011	220.00	-25.00	0.00012
220.00	-30.00	0.00012	220.00	-40.00	0.00013
220.00	-50.00	0.00014	220.00	-60.00	0.00016
220.00	-70.00	0.00017	220.00	-80.00	0.00019
220.00	-90.00	0.00020	220.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00006
230.00	40.00	0.00006	230.00	30.00	0.00007
230.00	25.00	0.00007	230.00	20.00	0.00007
230.00	17.00	0.00008	230.00	15.00	0.00008



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00008	230.00	11.00	0.00008
230.00	9.00	0.00008	230.00	-9.00	0.00009
230.00	-11.00	0.00010	230.00	-13.00	0.00010
230.00	-15.00	0.00010	230.00	-17.00	0.00010
230.00	-20.00	0.00010	230.00	-25.00	0.00011
230.00	-30.00	0.00011	230.00	-40.00	0.00012
230.00	-50.00	0.00013	230.00	-60.00	0.00015
230.00	-70.00	0.00016	230.00	-80.00	0.00017
230.00	-90.00	0.00018	230.00	-100.00	0.00019
240.00	100.00	0.00004	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00006
240.00	40.00	0.00006	240.00	30.00	0.00006
240.00	25.00	0.00007	240.00	20.00	0.00007
240.00	17.00	0.00007	240.00	15.00	0.00007
240.00	13.00	0.00007	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00009
240.00	-11.00	0.00009	240.00	-13.00	0.00009
240.00	-15.00	0.00009	240.00	-17.00	0.00009
240.00	-20.00	0.00010	240.00	-25.00	0.00010
240.00	-30.00	0.00011	240.00	-40.00	0.00011
240.00	-50.00	0.00012	240.00	-60.00	0.00014
240.00	-70.00	0.00015	240.00	-80.00	0.00016
240.00	-90.00	0.00017	240.00	-100.00	0.00018
250.00	100.00	0.00004	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00005	250.00	50.00	0.00005
250.00	40.00	0.00006	250.00	30.00	0.00006
250.00	25.00	0.00006	250.00	20.00	0.00007
250.00	17.00	0.00007	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00009
250.00	-15.00	0.00009	250.00	-17.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00009	250.00	-25.00	0.00009
250.00	-30.00	0.00010	250.00	-40.00	0.00011
250.00	-50.00	0.00012	250.00	-60.00	0.00013
250.00	-70.00	0.00014	250.00	-80.00	0.00015
250.00	-90.00	0.00016	250.00	-100.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 103  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00034	-250.00	90.00	0.00042
-250.00	80.00	0.00052	-250.00	70.00	0.00064
-250.00	60.00	0.00078	-250.00	50.00	0.00095
-250.00	40.00	0.00114	-250.00	30.00	0.00130
-250.00	25.00	0.00135	-250.00	20.00	0.00135
-250.00	17.00	0.00132	-250.00	15.00	0.00130
-250.00	13.00	0.00127	-250.00	11.00	0.00124
-250.00	9.00	0.00121	-250.00	-9.00	0.00088
-250.00	-11.00	0.00084	-250.00	-13.00	0.00080
-250.00	-15.00	0.00077	-250.00	-17.00	0.00074
-250.00	-20.00	0.00070	-250.00	-25.00	0.00065
-250.00	-30.00	0.00061	-250.00	-40.00	0.00054
-250.00	-50.00	0.00049	-250.00	-60.00	0.00044
-250.00	-70.00	0.00040	-250.00	-80.00	0.00036
-250.00	-90.00	0.00033	-250.00	-100.00	0.00030
-240.00	100.00	0.00033	-240.00	90.00	0.00040
-240.00	80.00	0.00050	-240.00	70.00	0.00063
-240.00	60.00	0.00079	-240.00	50.00	0.00099
-240.00	40.00	0.00123	-240.00	30.00	0.00149
-240.00	25.00	0.00162	-240.00	20.00	0.00171
-240.00	17.00	0.00174	-240.00	15.00	0.00174
-240.00	13.00	0.00171	-240.00	11.00	0.00167
-240.00	9.00	0.00162	-240.00	-9.00	0.00103
-240.00	-11.00	0.00098	-240.00	-13.00	0.00093
-240.00	-15.00	0.00089	-240.00	-17.00	0.00086
-240.00	-20.00	0.00081	-240.00	-25.00	0.00076
-240.00	-30.00	0.00072	-240.00	-40.00	0.00064
-240.00	-50.00	0.00057	-240.00	-60.00	0.00051
-240.00	-70.00	0.00046	-240.00	-80.00	0.00041

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00037	-240.00	-100.00	0.00033
-230.00	100.00	0.00030	-230.00	90.00	0.00038
-230.00	80.00	0.00048	-230.00	70.00	0.00061
-230.00	60.00	0.00077	-230.00	50.00	0.00099
-230.00	40.00	0.00126	-230.00	30.00	0.00160
-230.00	25.00	0.00178	-230.00	20.00	0.00197
-230.00	17.00	0.00207	-230.00	15.00	0.00213
-230.00	13.00	0.00219	-230.00	11.00	0.00224
-230.00	9.00	0.00226	-230.00	-9.00	0.00123
-230.00	-11.00	0.00117	-230.00	-13.00	0.00111
-230.00	-15.00	0.00107	-230.00	-17.00	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00098	-230.00	-25.00	0.00092
-230.00	-30.00	0.00086	-230.00	-40.00	0.00076
-230.00	-50.00	0.00067	-230.00	-60.00	0.00060
-230.00	-70.00	0.00053	-230.00	-80.00	0.00047
-230.00	-90.00	0.00042	-230.00	-100.00	0.00038
-220.00	100.00	0.00027	-220.00	90.00	0.00034
-220.00	80.00	0.00044	-220.00	70.00	0.00057
-220.00	60.00	0.00074	-220.00	50.00	0.00096
-220.00	40.00	0.00126	-220.00	30.00	0.00163
-220.00	25.00	0.00184	-220.00	20.00	0.00207
-220.00	17.00	0.00220	-220.00	15.00	0.00228
-220.00	13.00	0.00237	-220.00	11.00	0.00247
-220.00	9.00	0.00257	-220.00	-9.00	0.00207
-220.00	-11.00	0.00180	-220.00	-13.00	0.00163
-220.00	-15.00	0.00151	-220.00	-17.00	0.00143
-220.00	-20.00	0.00133	-220.00	-25.00	0.00120
-220.00	-30.00	0.00111	-220.00	-40.00	0.00095
-220.00	-50.00	0.00082	-220.00	-60.00	0.00071
-220.00	-70.00	0.00062	-220.00	-80.00	0.00054
-220.00	-90.00	0.00048	-220.00	-100.00	0.00043
-210.00	100.00	0.00025	-210.00	90.00	0.00031
-210.00	80.00	0.00040	-210.00	70.00	0.00052
-210.00	60.00	0.00069	-210.00	50.00	0.00092

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00123	-210.00	30.00	0.00163
-210.00	25.00	0.00186	-210.00	20.00	0.00211
-210.00	17.00	0.00227	-210.00	15.00	0.00237
-210.00	13.00	0.00247	-210.00	11.00	0.00259
-210.00	9.00	0.00274	-210.00	-9.00	0.00418
-210.00	-11.00	0.00366	-210.00	-13.00	0.00323
-210.00	-15.00	0.00287	-210.00	-17.00	0.00258
-210.00	-20.00	0.00225	-210.00	-25.00	0.00186
-210.00	-30.00	0.00161	-210.00	-40.00	0.00127
-210.00	-50.00	0.00104	-210.00	-60.00	0.00088
-210.00	-70.00	0.00074	-210.00	-80.00	0.00064
-210.00	-90.00	0.00056	-210.00	-100.00	0.00048
-200.00	100.00	0.00022	-200.00	90.00	0.00028
-200.00	80.00	0.00036	-200.00	70.00	0.00047
-200.00	60.00	0.00063	-200.00	50.00	0.00085
-200.00	40.00	0.00117	-200.00	30.00	0.00159
-200.00	25.00	0.00184	-200.00	20.00	0.00212

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 105

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00230	-200.00	15.00	0.00243
-200.00	13.00	0.00256	-200.00	11.00	0.00270
-200.00	9.00	0.00289	-200.00	-9.00	0.00561
-200.00	-11.00	0.00517	-200.00	-13.00	0.00476
-200.00	-15.00	0.00437	-200.00	-17.00	0.00401
-200.00	-20.00	0.00353	-200.00	-25.00	0.00288
-200.00	-30.00	0.00240	-200.00	-40.00	0.00176
-200.00	-50.00	0.00137	-200.00	-60.00	0.00110
-200.00	-70.00	0.00091	-200.00	-80.00	0.00076
-200.00	-90.00	0.00065	-200.00	-100.00	0.00056
-190.00	100.00	0.00020	-190.00	90.00	0.00025
-190.00	80.00	0.00032	-190.00	70.00	0.00041
-190.00	60.00	0.00055	-190.00	50.00	0.00076
-190.00	40.00	0.00107	-190.00	30.00	0.00151
-190.00	25.00	0.00178	-190.00	20.00	0.00209
-190.00	17.00	0.00230	-190.00	15.00	0.00244
-190.00	13.00	0.00260	-190.00	11.00	0.00277



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00451	-170.00	-40.00	0.00346
-170.00	-50.00	0.00265	-170.00	-60.00	0.00203
-170.00	-70.00	0.00159	-170.00	-80.00	0.00127
-170.00	-90.00	0.00103	-170.00	-100.00	0.00085
-160.00	100.00	0.00016	-160.00	90.00	0.00019
-160.00	80.00	0.00023	-160.00	70.00	0.00028
-160.00	60.00	0.00036	-160.00	50.00	0.00047
-160.00	40.00	0.00066	-160.00	30.00	0.00098
-160.00	25.00	0.00123	-160.00	20.00	0.00157
-160.00	17.00	0.00183	-160.00	15.00	0.00202
-160.00	13.00	0.00224	-160.00	11.00	0.00248
-160.00	9.00	0.00276	-160.00	-9.00	0.00730
-160.00	-11.00	0.00705	-160.00	-13.00	0.00684
-160.00	-15.00	0.00662	-160.00	-17.00	0.00640
-160.00	-20.00	0.00604	-160.00	-25.00	0.00545
-160.00	-30.00	0.00488	-160.00	-40.00	0.00384
-160.00	-50.00	0.00299	-160.00	-60.00	0.00232
-160.00	-70.00	0.00182	-160.00	-80.00	0.00145
-160.00	-90.00	0.00118	-160.00	-100.00	0.00097
-150.00	100.00	0.00015	-150.00	90.00	0.00017
-150.00	80.00	0.00021	-150.00	70.00	0.00025
-150.00	60.00	0.00032	-150.00	50.00	0.00041
-150.00	40.00	0.00055	-150.00	30.00	0.00078
-150.00	25.00	0.00096	-150.00	20.00	0.00123
-150.00	17.00	0.00144	-150.00	15.00	0.00162
-150.00	13.00	0.00183	-150.00	11.00	0.00209
-150.00	9.00	0.00241	-150.00	-9.00	0.00733
-150.00	-11.00	0.00710	-150.00	-13.00	0.00690
-150.00	-15.00	0.00672	-150.00	-17.00	0.00652

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00620	-150.00	-25.00	0.00564
-150.00	-30.00	0.00509	-150.00	-40.00	0.00408
-150.00	-50.00	0.00324	-150.00	-60.00	0.00256
-150.00	-70.00	0.00203	-150.00	-80.00	0.00163
-150.00	-90.00	0.00132	-150.00	-100.00	0.00109

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00014	-140.00	90.00	0.00016
-140.00	80.00	0.00019	-140.00	70.00	0.00023
-140.00	60.00	0.00029	-140.00	50.00	0.00037
-140.00	40.00	0.00048	-140.00	30.00	0.00066
-140.00	25.00	0.00079	-140.00	20.00	0.00097
-140.00	17.00	0.00112	-140.00	15.00	0.00123
-140.00	13.00	0.00138	-140.00	11.00	0.00156
-140.00	9.00	0.00181	-140.00	-9.00	0.00725
-140.00	-11.00	0.00705	-140.00	-13.00	0.00685
-140.00	-15.00	0.00668	-140.00	-17.00	0.00650
-140.00	-20.00	0.00621	-140.00	-25.00	0.00569
-140.00	-30.00	0.00518	-140.00	-40.00	0.00423
-140.00	-50.00	0.00341	-140.00	-60.00	0.00274
-140.00	-70.00	0.00220	-140.00	-80.00	0.00178
-140.00	-90.00	0.00145	-140.00	-100.00	0.00119
-130.00	100.00	0.00013	-130.00	90.00	0.00015
-130.00	80.00	0.00018	-130.00	70.00	0.00022
-130.00	60.00	0.00027	-130.00	50.00	0.00034
-130.00	40.00	0.00044	-130.00	30.00	0.00059
-130.00	25.00	0.00070	-130.00	20.00	0.00085
-130.00	17.00	0.00097	-130.00	15.00	0.00107
-130.00	13.00	0.00119	-130.00	11.00	0.00133
-130.00	9.00	0.00152	-130.00	-9.00	0.00644
-130.00	-11.00	0.00651	-130.00	-13.00	0.00645
-130.00	-15.00	0.00633	-130.00	-17.00	0.00622
-130.00	-20.00	0.00599	-130.00	-25.00	0.00556
-130.00	-30.00	0.00511	-130.00	-40.00	0.00424
-130.00	-50.00	0.00347	-130.00	-60.00	0.00284
-130.00	-70.00	0.00231	-130.00	-80.00	0.00189
-130.00	-90.00	0.00155	-130.00	-100.00	0.00129
-120.00	100.00	0.00012	-120.00	90.00	0.00015
-120.00	80.00	0.00017	-120.00	70.00	0.00021
-120.00	60.00	0.00025	-120.00	50.00	0.00031
-120.00	40.00	0.00040	-120.00	30.00	0.00053
-120.00	25.00	0.00063	-120.00	20.00	0.00076

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:34:30  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00087	-120.00	15.00	0.00096
-120.00	13.00	0.00106	-120.00	11.00	0.00118
-120.00	9.00	0.00133	-120.00	-9.00	0.00430
-120.00	-11.00	0.00462	-120.00	-13.00	0.00487
-120.00	-15.00	0.00504	-120.00	-17.00	0.00513
-120.00	-20.00	0.00516	-120.00	-25.00	0.00501
-120.00	-30.00	0.00472	-120.00	-40.00	0.00407
-120.00	-50.00	0.00342	-120.00	-60.00	0.00284
-120.00	-70.00	0.00236	-120.00	-80.00	0.00196
-120.00	-90.00	0.00163	-120.00	-100.00	0.00136
-110.00	100.00	0.00012	-110.00	90.00	0.00014
-110.00	80.00	0.00016	-110.00	70.00	0.00019
-110.00	60.00	0.00023	-110.00	50.00	0.00029
-110.00	40.00	0.00037	-110.00	30.00	0.00048
-110.00	25.00	0.00057	-110.00	20.00	0.00068
-110.00	17.00	0.00077	-110.00	15.00	0.00084
-110.00	13.00	0.00092	-110.00	11.00	0.00101
-110.00	9.00	0.00112	-110.00	-9.00	0.00287
-110.00	-11.00	0.00312	-110.00	-13.00	0.00335
-110.00	-15.00	0.00355	-110.00	-17.00	0.00372
-110.00	-20.00	0.00390	-110.00	-25.00	0.00404
-110.00	-30.00	0.00402	-110.00	-40.00	0.00368
-110.00	-50.00	0.00321	-110.00	-60.00	0.00275
-110.00	-70.00	0.00233	-110.00	-80.00	0.00197
-110.00	-90.00	0.00166	-110.00	-100.00	0.00141
-100.00	100.00	0.00011	-100.00	90.00	0.00013
-100.00	80.00	0.00015	-100.00	70.00	0.00018
-100.00	60.00	0.00022	-100.00	50.00	0.00027
-100.00	40.00	0.00034	-100.00	30.00	0.00044
-100.00	25.00	0.00051	-100.00	20.00	0.00060
-100.00	17.00	0.00067	-100.00	15.00	0.00073
-100.00	13.00	0.00079	-100.00	11.00	0.00086
-100.00	9.00	0.00094	-100.00	-9.00	0.00202
-100.00	-11.00	0.00219	-100.00	-13.00	0.00236
-100.00	-15.00	0.00252	-100.00	-17.00	0.00266
-100.00	-20.00	0.00285	-100.00	-25.00	0.00308
-100.00	-30.00	0.00319	-100.00	-40.00	0.00315
-100.00	-50.00	0.00289	-100.00	-60.00	0.00256
-100.00	-70.00	0.00223	-100.00	-80.00	0.00193
-100.00	-90.00	0.00166	-100.00	-100.00	0.00142

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00010	-90.00	90.00	0.00012
-90.00	80.00	0.00014	-90.00	70.00	0.00017
-90.00	60.00	0.00020	-90.00	50.00	0.00025
-90.00	40.00	0.00031	-90.00	30.00	0.00040
-90.00	25.00	0.00046	-90.00	20.00	0.00053
-90.00	17.00	0.00059	-90.00	15.00	0.00063
-90.00	13.00	0.00068	-90.00	11.00	0.00073
-90.00	9.00	0.00079	-90.00	-9.00	0.00150
-90.00	-11.00	0.00161	-90.00	-13.00	0.00173
-90.00	-15.00	0.00184	-90.00	-17.00	0.00195
-90.00	-20.00	0.00211	-90.00	-25.00	0.00233
-90.00	-30.00	0.00248	-90.00	-40.00	0.00259
-90.00	-50.00	0.00251	-90.00	-60.00	0.00231
-90.00	-70.00	0.00207	-90.00	-80.00	0.00183
-90.00	-90.00	0.00161	-90.00	-100.00	0.00140
-80.00	100.00	0.00010	-80.00	90.00	0.00012
-80.00	80.00	0.00014	-80.00	70.00	0.00016
-80.00	60.00	0.00019	-80.00	50.00	0.00023
-80.00	40.00	0.00028	-80.00	30.00	0.00036
-80.00	25.00	0.00041	-80.00	20.00	0.00047
-80.00	17.00	0.00052	-80.00	15.00	0.00055
-80.00	13.00	0.00059	-80.00	11.00	0.00062
-80.00	9.00	0.00066	-80.00	-9.00	0.00116
-80.00	-11.00	0.00124	-80.00	-13.00	0.00132
-80.00	-15.00	0.00140	-80.00	-17.00	0.00148
-80.00	-20.00	0.00160	-80.00	-25.00	0.00179
-80.00	-30.00	0.00193	-80.00	-40.00	0.00210
-80.00	-50.00	0.00212	-80.00	-60.00	0.00204
-80.00	-70.00	0.00189	-80.00	-80.00	0.00171
-80.00	-90.00	0.00153	-80.00	-100.00	0.00136
-70.00	100.00	0.00010	-70.00	90.00	0.00011
-70.00	80.00	0.00013	-70.00	70.00	0.00015
-70.00	60.00	0.00018	-70.00	50.00	0.00021
-70.00	40.00	0.00026	-70.00	30.00	0.00032
-70.00	25.00	0.00036	-70.00	20.00	0.00042
-70.00	17.00	0.00045	-70.00	15.00	0.00048
-70.00	13.00	0.00051	-70.00	11.00	0.00054

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00057	-70.00	-9.00	0.00093
-70.00	-11.00	0.00098	-70.00	-13.00	0.00104
-70.00	-15.00	0.00110	-70.00	-17.00	0.00116

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00125	-70.00	-25.00	0.00139
-70.00	-30.00	0.00152	-70.00	-40.00	0.00170
-70.00	-50.00	0.00177	-70.00	-60.00	0.00176
-70.00	-70.00	0.00168	-70.00	-80.00	0.00156
-70.00	-90.00	0.00143	-70.00	-100.00	0.00129
-60.00	100.00	0.00009	-60.00	90.00	0.00011
-60.00	80.00	0.00012	-60.00	70.00	0.00014
-60.00	60.00	0.00017	-60.00	50.00	0.00020
-60.00	40.00	0.00023	-60.00	30.00	0.00029
-60.00	25.00	0.00033	-60.00	20.00	0.00037
-60.00	17.00	0.00040	-60.00	15.00	0.00042
-60.00	13.00	0.00044	-60.00	11.00	0.00046
-60.00	9.00	0.00049	-60.00	-9.00	0.00076
-60.00	-11.00	0.00080	-60.00	-13.00	0.00084
-60.00	-15.00	0.00088	-60.00	-17.00	0.00093
-60.00	-20.00	0.00099	-60.00	-25.00	0.00111
-60.00	-30.00	0.00122	-60.00	-40.00	0.00139
-60.00	-50.00	0.00148	-60.00	-60.00	0.00150
-60.00	-70.00	0.00147	-60.00	-80.00	0.00141
-60.00	-90.00	0.00132	-60.00	-100.00	0.00121
-50.00	100.00	0.00009	-50.00	90.00	0.00010
-50.00	80.00	0.00012	-50.00	70.00	0.00013
-50.00	60.00	0.00015	-50.00	50.00	0.00018
-50.00	40.00	0.00021	-50.00	30.00	0.00026
-50.00	25.00	0.00030	-50.00	20.00	0.00033
-50.00	17.00	0.00035	-50.00	15.00	0.00037
-50.00	13.00	0.00039	-50.00	11.00	0.00041
-50.00	9.00	0.00042	-50.00	-9.00	0.00063
-50.00	-11.00	0.00066	-50.00	-13.00	0.00069
-50.00	-15.00	0.00073	-50.00	-17.00	0.00076
-50.00	-20.00	0.00081	-50.00	-25.00	0.00090

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00099	-50.00	-40.00	0.00114
-50.00	-50.00	0.00124	-50.00	-60.00	0.00128
-50.00	-70.00	0.00128	-50.00	-80.00	0.00125
-50.00	-90.00	0.00120	-50.00	-100.00	0.00112
-40.00	100.00	0.00009	-40.00	90.00	0.00010
-40.00	80.00	0.00011	-40.00	70.00	0.00013
-40.00	60.00	0.00014	-40.00	50.00	0.00017
-40.00	40.00	0.00020	-40.00	30.00	0.00024
-40.00	25.00	0.00027	-40.00	20.00	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00032	-40.00	15.00	0.00033
-40.00	13.00	0.00034	-40.00	11.00	0.00036
-40.00	9.00	0.00037	-40.00	-9.00	0.00054
-40.00	-11.00	0.00056	-40.00	-13.00	0.00058
-40.00	-15.00	0.00061	-40.00	-17.00	0.00063
-40.00	-20.00	0.00067	-40.00	-25.00	0.00074
-40.00	-30.00	0.00082	-40.00	-40.00	0.00095
-40.00	-50.00	0.00104	-40.00	-60.00	0.00110
-40.00	-70.00	0.00112	-40.00	-80.00	0.00111
-40.00	-90.00	0.00108	-40.00	-100.00	0.00103
-30.00	100.00	0.00008	-30.00	90.00	0.00009
-30.00	80.00	0.00010	-30.00	70.00	0.00012
-30.00	60.00	0.00013	-30.00	50.00	0.00015
-30.00	40.00	0.00018	-30.00	30.00	0.00022
-30.00	25.00	0.00024	-30.00	20.00	0.00027
-30.00	17.00	0.00028	-30.00	15.00	0.00029
-30.00	13.00	0.00030	-30.00	11.00	0.00032
-30.00	9.00	0.00033	-30.00	-9.00	0.00046
-30.00	-11.00	0.00048	-30.00	-13.00	0.00050
-30.00	-15.00	0.00052	-30.00	-17.00	0.00054
-30.00	-20.00	0.00057	-30.00	-25.00	0.00063
-30.00	-30.00	0.00068	-30.00	-40.00	0.00080
-30.00	-50.00	0.00089	-30.00	-60.00	0.00094
-30.00	-70.00	0.00097	-30.00	-80.00	0.00098
-30.00	-90.00	0.00096	-30.00	-100.00	0.00093

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00008	-20.00	90.00	0.00009
-20.00	80.00	0.00010	-20.00	70.00	0.00011
-20.00	60.00	0.00012	-20.00	50.00	0.00014
-20.00	40.00	0.00017	-20.00	30.00	0.00020
-20.00	25.00	0.00022	-20.00	20.00	0.00024
-20.00	17.00	0.00025	-20.00	15.00	0.00026
-20.00	13.00	0.00027	-20.00	11.00	0.00028
-20.00	9.00	0.00029	-20.00	-9.00	0.00040
-20.00	-11.00	0.00041	-20.00	-13.00	0.00043
-20.00	-15.00	0.00044	-20.00	-17.00	0.00046
-20.00	-20.00	0.00049	-20.00	-25.00	0.00053
-20.00	-30.00	0.00058	-20.00	-40.00	0.00067
-20.00	-50.00	0.00076	-20.00	-60.00	0.00082
-20.00	-70.00	0.00085	-20.00	-80.00	0.00086
-20.00	-90.00	0.00086	-20.00	-100.00	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00007	-10.00	90.00	0.00008
-10.00	80.00	0.00009	-10.00	70.00	0.00010
-10.00	60.00	0.00012	-10.00	50.00	0.00013
-10.00	40.00	0.00016	-10.00	30.00	0.00019
-10.00	25.00	0.00020	-10.00	20.00	0.00022
-10.00	17.00	0.00023	-10.00	15.00	0.00024
-10.00	13.00	0.00025	-10.00	11.00	0.00025
-10.00	9.00	0.00026	-10.00	-9.00	0.00035
-10.00	-11.00	0.00036	-10.00	-13.00	0.00037
-10.00	-15.00	0.00039	-10.00	-17.00	0.00040
-10.00	-20.00	0.00042	-10.00	-25.00	0.00046
-10.00	-30.00	0.00050	-10.00	-40.00	0.00058
-10.00	-50.00	0.00065	-10.00	-60.00	0.00071
-10.00	-70.00	0.00075	-10.00	-80.00	0.00076
-10.00	-90.00	0.00077	-10.00	-100.00	0.00076
0.00	100.00	0.00007	0.00	90.00	0.00008
0.00	80.00	0.00009	0.00	70.00	0.00010
0.00	60.00	0.00011	0.00	50.00	0.00012
0.00	40.00	0.00015	0.00	30.00	0.00017

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00018	0.00	20.00	0.00020
0.00	17.00	0.00021	0.00	15.00	0.00022
0.00	13.00	0.00022	0.00	11.00	0.00023
0.00	9.00	0.00024	0.00	-9.00	0.00031
0.00	-11.00	0.00032	0.00	-13.00	0.00033
0.00	-15.00	0.00034	0.00	-17.00	0.00035
0.00	-20.00	0.00037	0.00	-25.00	0.00040
0.00	-30.00	0.00043	0.00	-40.00	0.00050
0.00	-50.00	0.00056	0.00	-60.00	0.00062
0.00	-70.00	0.00066	0.00	-80.00	0.00068
0.00	-90.00	0.00069	0.00	-100.00	0.00069
10.00	100.00	0.00007	10.00	90.00	0.00007
10.00	80.00	0.00008	10.00	70.00	0.00009
10.00	60.00	0.00010	10.00	50.00	0.00012
10.00	40.00	0.00014	10.00	30.00	0.00016
10.00	25.00	0.00017	10.00	20.00	0.00018
10.00	17.00	0.00019	10.00	15.00	0.00020
10.00	13.00	0.00020	10.00	11.00	0.00021
10.00	9.00	0.00021	10.00	-9.00	0.00028
10.00	-11.00	0.00028	10.00	-13.00	0.00029
10.00	-15.00	0.00030	10.00	-17.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00033	10.00	-25.00	0.00035
10.00	-30.00	0.00038	10.00	-40.00	0.00043
10.00	-50.00	0.00049	10.00	-60.00	0.00054
10.00	-70.00	0.00058	10.00	-80.00	0.00060
10.00	-90.00	0.00062	10.00	-100.00	0.00062
20.00	100.00	0.00006	20.00	90.00	0.00007
20.00	80.00	0.00008	20.00	70.00	0.00008
20.00	60.00	0.00010	20.00	50.00	0.00011
20.00	40.00	0.00013	20.00	30.00	0.00015
20.00	25.00	0.00016	20.00	20.00	0.00017
20.00	17.00	0.00017	20.00	15.00	0.00018
20.00	13.00	0.00018	20.00	11.00	0.00019
20.00	9.00	0.00019	20.00	-9.00	0.00025

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00025	20.00	-13.00	0.00026
20.00	-15.00	0.00027	20.00	-17.00	0.00028
20.00	-20.00	0.00029	20.00	-25.00	0.00031
20.00	-30.00	0.00033	20.00	-40.00	0.00038
20.00	-50.00	0.00043	20.00	-60.00	0.00048
20.00	-70.00	0.00051	20.00	-80.00	0.00054
20.00	-90.00	0.00055	20.00	-100.00	0.00056
30.00	100.00	0.00006	30.00	90.00	0.00007
30.00	80.00	0.00007	30.00	70.00	0.00008
30.00	60.00	0.00009	30.00	50.00	0.00010
30.00	40.00	0.00012	30.00	30.00	0.00014
30.00	25.00	0.00014	30.00	20.00	0.00015
30.00	17.00	0.00016	30.00	15.00	0.00016
30.00	13.00	0.00017	30.00	11.00	0.00017
30.00	9.00	0.00018	30.00	-9.00	0.00022
30.00	-11.00	0.00023	30.00	-13.00	0.00024
30.00	-15.00	0.00024	30.00	-17.00	0.00025
30.00	-20.00	0.00026	30.00	-25.00	0.00028
30.00	-30.00	0.00030	30.00	-40.00	0.00034
30.00	-50.00	0.00038	30.00	-60.00	0.00042
30.00	-70.00	0.00045	30.00	-80.00	0.00048
30.00	-90.00	0.00050	30.00	-100.00	0.00051
40.00	100.00	0.00006	40.00	90.00	0.00006
40.00	80.00	0.00007	40.00	70.00	0.00008
40.00	60.00	0.00009	40.00	50.00	0.00010
40.00	40.00	0.00011	40.00	30.00	0.00013
40.00	25.00	0.00013	40.00	20.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00015	40.00	15.00	0.00015
40.00	13.00	0.00016	40.00	11.00	0.00016
40.00	9.00	0.00016	40.00	-9.00	0.00020
40.00	-11.00	0.00021	40.00	-13.00	0.00021
40.00	-15.00	0.00022	40.00	-17.00	0.00022
40.00	-20.00	0.00023	40.00	-25.00	0.00025
40.00	-30.00	0.00027	40.00	-40.00	0.00030

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00034	40.00	-60.00	0.00037
40.00	-70.00	0.00041	40.00	-80.00	0.00043
40.00	-90.00	0.00045	40.00	-100.00	0.00046
50.00	100.00	0.00005	50.00	90.00	0.00006
50.00	80.00	0.00007	50.00	70.00	0.00007
50.00	60.00	0.00008	50.00	50.00	0.00009
50.00	40.00	0.00010	50.00	30.00	0.00012
50.00	25.00	0.00012	50.00	20.00	0.00013
50.00	17.00	0.00014	50.00	15.00	0.00014
50.00	13.00	0.00014	50.00	11.00	0.00015
50.00	9.00	0.00015	50.00	-9.00	0.00018
50.00	-11.00	0.00019	50.00	-13.00	0.00019
50.00	-15.00	0.00020	50.00	-17.00	0.00020
50.00	-20.00	0.00021	50.00	-25.00	0.00022
50.00	-30.00	0.00024	50.00	-40.00	0.00027
50.00	-50.00	0.00030	50.00	-60.00	0.00033
50.00	-70.00	0.00036	50.00	-80.00	0.00039
50.00	-90.00	0.00041	50.00	-100.00	0.00042
60.00	100.00	0.00005	60.00	90.00	0.00006
60.00	80.00	0.00006	60.00	70.00	0.00007
60.00	60.00	0.00008	60.00	50.00	0.00009
60.00	40.00	0.00010	60.00	30.00	0.00011
60.00	25.00	0.00012	60.00	20.00	0.00012
60.00	17.00	0.00013	60.00	15.00	0.00013
60.00	13.00	0.00013	60.00	11.00	0.00014
60.00	9.00	0.00014	60.00	-9.00	0.00017
60.00	-11.00	0.00017	60.00	-13.00	0.00018
60.00	-15.00	0.00018	60.00	-17.00	0.00019
60.00	-20.00	0.00019	60.00	-25.00	0.00020
60.00	-30.00	0.00022	60.00	-40.00	0.00024
60.00	-50.00	0.00027	60.00	-60.00	0.00030
60.00	-70.00	0.00033	60.00	-80.00	0.00035
60.00	-90.00	0.00037	60.00	-100.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00005	70.00	90.00	0.00005

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00006	70.00	70.00	0.00007
70.00	60.00	0.00007	70.00	50.00	0.00008
70.00	40.00	0.00009	70.00	30.00	0.00010
70.00	25.00	0.00011	70.00	20.00	0.00011
70.00	17.00	0.00012	70.00	15.00	0.00012
70.00	13.00	0.00012	70.00	11.00	0.00013
70.00	9.00	0.00013	70.00	-9.00	0.00016
70.00	-11.00	0.00016	70.00	-13.00	0.00016
70.00	-15.00	0.00017	70.00	-17.00	0.00017
70.00	-20.00	0.00018	70.00	-25.00	0.00019
70.00	-30.00	0.00020	70.00	-40.00	0.00022
70.00	-50.00	0.00024	70.00	-60.00	0.00027
70.00	-70.00	0.00029	70.00	-80.00	0.00032
70.00	-90.00	0.00034	70.00	-100.00	0.00035
80.00	100.00	0.00005	80.00	90.00	0.00005
80.00	80.00	0.00006	80.00	70.00	0.00006
80.00	60.00	0.00007	80.00	50.00	0.00008
80.00	40.00	0.00009	80.00	30.00	0.00010
80.00	25.00	0.00010	80.00	20.00	0.00011
80.00	17.00	0.00011	80.00	15.00	0.00011
80.00	13.00	0.00011	80.00	11.00	0.00012
80.00	9.00	0.00012	80.00	-9.00	0.00014
80.00	-11.00	0.00015	80.00	-13.00	0.00015
80.00	-15.00	0.00015	80.00	-17.00	0.00016
80.00	-20.00	0.00016	80.00	-25.00	0.00017
80.00	-30.00	0.00018	80.00	-40.00	0.00020
80.00	-50.00	0.00022	80.00	-60.00	0.00024
80.00	-70.00	0.00027	80.00	-80.00	0.00029
80.00	-90.00	0.00031	80.00	-100.00	0.00032
90.00	100.00	0.00005	90.00	90.00	0.00005
90.00	80.00	0.00005	90.00	70.00	0.00006
90.00	60.00	0.00007	90.00	50.00	0.00007
90.00	40.00	0.00008	90.00	30.00	0.00009
90.00	25.00	0.00010	90.00	20.00	0.00010
90.00	17.00	0.00010	90.00	15.00	0.00011
90.00	13.00	0.00011	90.00	11.00	0.00011
90.00	9.00	0.00011	90.00	-9.00	0.00013
90.00	-11.00	0.00014	90.00	-13.00	0.00014
90.00	-15.00	0.00014	90.00	-17.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00015	90.00	-25.00	0.00016	
90.00	-30.00	0.00016	90.00	-40.00	0.00018	
90.00	-50.00	0.00020	90.00	-60.00	0.00022	
90.00	-70.00	0.00024	90.00	-80.00	0.00026	
90.00	-90.00	0.00028	90.00	-100.00	0.00029	
100.00	100.00	0.00004	100.00	90.00	0.00005	
100.00	80.00	0.00005	100.00	70.00	0.00006	
100.00	60.00	0.00006	100.00	50.00	0.00007	
100.00	40.00	0.00008	100.00	30.00	0.00009	
100.00	25.00	0.00009	100.00	20.00	0.00009	
100.00	17.00	0.00010	100.00	15.00	0.00010	
100.00	13.00	0.00010	100.00	11.00	0.00010	
100.00	9.00	0.00010	100.00	-9.00	0.00012	
100.00	-11.00	0.00013	100.00	-13.00	0.00013	
100.00	-15.00	0.00013	100.00	-17.00	0.00013	
100.00	-20.00	0.00014	100.00	-25.00	0.00014	
100.00	-30.00	0.00015	100.00	-40.00	0.00017	
100.00	-50.00	0.00019	100.00	-60.00	0.00020	
100.00	-70.00	0.00022	100.00	-80.00	0.00024	
100.00	-90.00	0.00026	100.00	-100.00	0.00027	
110.00	100.00	0.00004	110.00	90.00	0.00005	
110.00	80.00	0.00005	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00007	
110.00	40.00	0.00007	110.00	30.00	0.00008	
110.00	25.00	0.00008	110.00	20.00	0.00009	
110.00	17.00	0.00009	110.00	15.00	0.00009	
110.00	13.00	0.00009	110.00	11.00	0.00010	
110.00	9.00	0.00010	110.00	-9.00	0.00011	
110.00	-11.00	0.00012	110.00	-13.00	0.00012	
110.00	-15.00	0.00012	110.00	-17.00	0.00012	
110.00	-20.00	0.00013	110.00	-25.00	0.00013	
110.00	-30.00	0.00014	110.00	-40.00	0.00015	
110.00	-50.00	0.00017	110.00	-60.00	0.00019	
110.00	-70.00	0.00020	110.00	-80.00	0.00022	
110.00	-90.00	0.00023	110.00	-100.00	0.00025	
120.00	100.00	0.00004	120.00	90.00	0.00004	
120.00	80.00	0.00005	120.00	70.00	0.00005	
120.00	60.00	0.00006	120.00	50.00	0.00006	
120.00	40.00	0.00007	120.00	30.00	0.00008	

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00 25.00 0.00008 120.00 20.00 0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00009	120.00	15.00	0.00009
120.00	13.00	0.00009	120.00	11.00	0.00009
120.00	9.00	0.00009	120.00	-9.00	0.00011
120.00	-11.00	0.00011	120.00	-13.00	0.00011
120.00	-15.00	0.00011	120.00	-17.00	0.00012
120.00	-20.00	0.00012	120.00	-25.00	0.00012
120.00	-30.00	0.00013	120.00	-40.00	0.00014
120.00	-50.00	0.00016	120.00	-60.00	0.00017
120.00	-70.00	0.00019	120.00	-80.00	0.00020
120.00	-90.00	0.00022	120.00	-100.00	0.00023
130.00	100.00	0.00004	130.00	90.00	0.00004
130.00	80.00	0.00005	130.00	70.00	0.00005
130.00	60.00	0.00006	130.00	50.00	0.00006
130.00	40.00	0.00007	130.00	30.00	0.00007
130.00	25.00	0.00008	130.00	20.00	0.00008
130.00	17.00	0.00008	130.00	15.00	0.00008
130.00	13.00	0.00008	130.00	11.00	0.00008
130.00	9.00	0.00009	130.00	-9.00	0.00010
130.00	-11.00	0.00010	130.00	-13.00	0.00010
130.00	-15.00	0.00011	130.00	-17.00	0.00011
130.00	-20.00	0.00011	130.00	-25.00	0.00012
130.00	-30.00	0.00012	130.00	-40.00	0.00013
130.00	-50.00	0.00014	130.00	-60.00	0.00016
130.00	-70.00	0.00017	130.00	-80.00	0.00019
130.00	-90.00	0.00020	130.00	-100.00	0.00021
140.00	100.00	0.00004	140.00	90.00	0.00004
140.00	80.00	0.00004	140.00	70.00	0.00005
140.00	60.00	0.00005	140.00	50.00	0.00006
140.00	40.00	0.00006	140.00	30.00	0.00007
140.00	25.00	0.00007	140.00	20.00	0.00007
140.00	17.00	0.00008	140.00	15.00	0.00008
140.00	13.00	0.00008	140.00	11.00	0.00008
140.00	9.00	0.00008	140.00	-9.00	0.00009

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00010	140.00	-13.00	0.00010
140.00	-15.00	0.00010	140.00	-17.00	0.00010
140.00	-20.00	0.00010	140.00	-25.00	0.00011
140.00	-30.00	0.00011	140.00	-40.00	0.00012
140.00	-50.00	0.00013	140.00	-60.00	0.00015
140.00	-70.00	0.00016	140.00	-80.00	0.00017
140.00	-90.00	0.00018	140.00	-100.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00004	150.00	90.00	0.00004
150.00	80.00	0.00004	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00006
150.00	40.00	0.00006	150.00	30.00	0.00006
150.00	25.00	0.00007	150.00	20.00	0.00007
150.00	17.00	0.00007	150.00	15.00	0.00007
150.00	13.00	0.00007	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00009
150.00	-11.00	0.00009	150.00	-13.00	0.00009
150.00	-15.00	0.00009	150.00	-17.00	0.00009
150.00	-20.00	0.00010	150.00	-25.00	0.00010
150.00	-30.00	0.00011	150.00	-40.00	0.00011
150.00	-50.00	0.00012	150.00	-60.00	0.00014
150.00	-70.00	0.00015	150.00	-80.00	0.00016
150.00	-90.00	0.00017	150.00	-100.00	0.00018
160.00	100.00	0.00004	160.00	90.00	0.00004
160.00	80.00	0.00004	160.00	70.00	0.00004
160.00	60.00	0.00005	160.00	50.00	0.00005
160.00	40.00	0.00006	160.00	30.00	0.00006
160.00	25.00	0.00006	160.00	20.00	0.00007
160.00	17.00	0.00007	160.00	15.00	0.00007
160.00	13.00	0.00007	160.00	11.00	0.00007
160.00	9.00	0.00007	160.00	-9.00	0.00008
160.00	-11.00	0.00008	160.00	-13.00	0.00009
160.00	-15.00	0.00009	160.00	-17.00	0.00009
160.00	-20.00	0.00009	160.00	-25.00	0.00009
160.00	-30.00	0.00010	160.00	-40.00	0.00011

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00012	160.00	-60.00	0.00013
160.00	-70.00	0.00014	160.00	-80.00	0.00015
160.00	-90.00	0.00016	160.00	-100.00	0.00017
170.00	100.00	0.00003	170.00	90.00	0.00004
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00005	170.00	30.00	0.00006
170.00	25.00	0.00006	170.00	20.00	0.00006
170.00	17.00	0.00006	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00008
170.00	-11.00	0.00008	170.00	-13.00	0.00008
170.00	-15.00	0.00008	170.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00009	170.00	-25.00	0.00009
170.00	-30.00	0.00009	170.00	-40.00	0.00010
170.00	-50.00	0.00011	170.00	-60.00	0.00012
170.00	-70.00	0.00013	170.00	-80.00	0.00014
170.00	-90.00	0.00015	170.00	-100.00	0.00016
180.00	100.00	0.00003	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00004	180.00	50.00	0.00005
180.00	40.00	0.00005	180.00	30.00	0.00006
180.00	25.00	0.00006	180.00	20.00	0.00006
180.00	17.00	0.00006	180.00	15.00	0.00006
180.00	13.00	0.00006	180.00	11.00	0.00006
180.00	9.00	0.00007	180.00	-9.00	0.00007
180.00	-11.00	0.00008	180.00	-13.00	0.00008
180.00	-15.00	0.00008	180.00	-17.00	0.00008
180.00	-20.00	0.00008	180.00	-25.00	0.00008
180.00	-30.00	0.00009	180.00	-40.00	0.00009
180.00	-50.00	0.00010	180.00	-60.00	0.00011
180.00	-70.00	0.00012	180.00	-80.00	0.00013
180.00	-90.00	0.00014	180.00	-100.00	0.00015
190.00	100.00	0.00003	190.00	90.00	0.00003

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00005
190.00	40.00	0.00005	190.00	30.00	0.00005
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00006
190.00	13.00	0.00006	190.00	11.00	0.00006
190.00	9.00	0.00006	190.00	-9.00	0.00007
190.00	-11.00	0.00007	190.00	-13.00	0.00007
190.00	-15.00	0.00007	190.00	-17.00	0.00007
190.00	-20.00	0.00008	190.00	-25.00	0.00008
190.00	-30.00	0.00008	190.00	-40.00	0.00009
190.00	-50.00	0.00010	190.00	-60.00	0.00010
190.00	-70.00	0.00011	190.00	-80.00	0.00012
190.00	-90.00	0.00013	190.00	-100.00	0.00014
200.00	100.00	0.00003	200.00	90.00	0.00003
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00005	200.00	30.00	0.00005
200.00	25.00	0.00005	200.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S) :            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00006
200.00	9.00	0.00006	200.00	-9.00	0.00007
200.00	-11.00	0.00007	200.00	-13.00	0.00007
200.00	-15.00	0.00007	200.00	-17.00	0.00007
200.00	-20.00	0.00007	200.00	-25.00	0.00007
200.00	-30.00	0.00008	200.00	-40.00	0.00008
200.00	-50.00	0.00009	200.00	-60.00	0.00010
200.00	-70.00	0.00010	200.00	-80.00	0.00011
200.00	-90.00	0.00012	200.00	-100.00	0.00013
210.00	100.00	0.00003	210.00	90.00	0.00003
210.00	80.00	0.00003	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00004
210.00	40.00	0.00005	210.00	30.00	0.00005
210.00	25.00	0.00005	210.00	20.00	0.00005

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00005	210.00	15.00	0.00005
210.00	13.00	0.00005	210.00	11.00	0.00006
210.00	9.00	0.00006	210.00	-9.00	0.00006
210.00	-11.00	0.00006	210.00	-13.00	0.00006
210.00	-15.00	0.00007	210.00	-17.00	0.00007
210.00	-20.00	0.00007	210.00	-25.00	0.00007
210.00	-30.00	0.00007	210.00	-40.00	0.00008
210.00	-50.00	0.00008	210.00	-60.00	0.00009
210.00	-70.00	0.00010	210.00	-80.00	0.00010
210.00	-90.00	0.00011	210.00	-100.00	0.00012
220.00	100.00	0.00003	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00004	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00006
220.00	-11.00	0.00006	220.00	-13.00	0.00006
220.00	-15.00	0.00006	220.00	-17.00	0.00006
220.00	-20.00	0.00006	220.00	-25.00	0.00007
220.00	-30.00	0.00007	220.00	-40.00	0.00007
220.00	-50.00	0.00008	220.00	-60.00	0.00009
220.00	-70.00	0.00009	220.00	-80.00	0.00010
220.00	-90.00	0.00010	220.00	-100.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00003
230.00	60.00	0.00004	230.00	50.00	0.00004
230.00	40.00	0.00004	230.00	30.00	0.00004
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005
230.00	13.00	0.00005	230.00	11.00	0.00005
230.00	9.00	0.00005	230.00	-9.00	0.00006
230.00	-11.00	0.00006	230.00	-13.00	0.00006

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00006	230.00	-17.00	0.00006
230.00	-20.00	0.00006	230.00	-25.00	0.00006
230.00	-30.00	0.00007	230.00	-40.00	0.00007
230.00	-50.00	0.00008	230.00	-60.00	0.00008
230.00	-70.00	0.00009	230.00	-80.00	0.00009
230.00	-90.00	0.00010	230.00	-100.00	0.00010
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00004	240.00	50.00	0.00004
240.00	40.00	0.00004	240.00	30.00	0.00004
240.00	25.00	0.00004	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00005
240.00	9.00	0.00005	240.00	-9.00	0.00005
240.00	-11.00	0.00006	240.00	-13.00	0.00006
240.00	-15.00	0.00006	240.00	-17.00	0.00006
240.00	-20.00	0.00006	240.00	-25.00	0.00006
240.00	-30.00	0.00006	240.00	-40.00	0.00007
240.00	-50.00	0.00007	240.00	-60.00	0.00008
240.00	-70.00	0.00008	240.00	-80.00	0.00009
240.00	-90.00	0.00009	240.00	-100.00	0.00010
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00004
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00005
250.00	13.00	0.00005	250.00	11.00	0.00005
250.00	9.00	0.00005	250.00	-9.00	0.00005
250.00	-11.00	0.00005	250.00	-13.00	0.00005
250.00	-15.00	0.00005	250.00	-17.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00006	250.00	-40.00	0.00006
250.00	-50.00	0.00007	250.00	-60.00	0.00007

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00008	250.00	-80.00	0.00008
250.00	-90.00	0.00009	250.00	-100.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00085	-250.00	90.00	0.00093
-250.00	80.00	0.00104	-250.00	70.00	0.00116
-250.00	60.00	0.00130	-250.00	50.00	0.00146
-250.00	40.00	0.00164	-250.00	30.00	0.00180
-250.00	25.00	0.00184	-250.00	20.00	0.00184
-250.00	17.00	0.00182	-250.00	15.00	0.00179
-250.00	13.00	0.00176	-250.00	11.00	0.00173
-250.00	9.00	0.00170	-250.00	-9.00	0.00136
-250.00	-11.00	0.00131	-250.00	-13.00	0.00127
-250.00	-15.00	0.00123	-250.00	-17.00	0.00120
-250.00	-20.00	0.00115	-250.00	-25.00	0.00108
-250.00	-30.00	0.00102	-250.00	-40.00	0.00093
-250.00	-50.00	0.00085	-250.00	-60.00	0.00078
-250.00	-70.00	0.00072	-250.00	-80.00	0.00067
-250.00	-90.00	0.00062	-250.00	-100.00	0.00057
-240.00	100.00	0.00087	-240.00	90.00	0.00096
-240.00	80.00	0.00107	-240.00	70.00	0.00120
-240.00	60.00	0.00136	-240.00	50.00	0.00155
-240.00	40.00	0.00178	-240.00	30.00	0.00204
-240.00	25.00	0.00217	-240.00	20.00	0.00226
-240.00	17.00	0.00228	-240.00	15.00	0.00228
-240.00	13.00	0.00226	-240.00	11.00	0.00222
-240.00	9.00	0.00216	-240.00	-9.00	0.00155
-240.00	-11.00	0.00149	-240.00	-13.00	0.00144
-240.00	-15.00	0.00140	-240.00	-17.00	0.00135
-240.00	-20.00	0.00130	-240.00	-25.00	0.00123
-240.00	-30.00	0.00116	-240.00	-40.00	0.00106
-240.00	-50.00	0.00096	-240.00	-60.00	0.00088
-240.00	-70.00	0.00080	-240.00	-80.00	0.00074
-240.00	-90.00	0.00068	-240.00	-100.00	0.00063
-230.00	100.00	0.00088	-230.00	90.00	0.00098
-230.00	80.00	0.00109	-230.00	70.00	0.00123



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00141	-230.00	50.00	0.00162
-230.00	40.00	0.00188	-230.00	30.00	0.00220
-230.00	25.00	0.00239	-230.00	20.00	0.00257
-230.00	17.00	0.00267	-230.00	15.00	0.00273
-230.00	13.00	0.00280	-230.00	11.00	0.00284
-230.00	9.00	0.00286	-230.00	-9.00	0.00181
-230.00	-11.00	0.00174	-230.00	-13.00	0.00168
-230.00	-15.00	0.00162	-230.00	-17.00	0.00158

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00151	-230.00	-25.00	0.00142
-230.00	-30.00	0.00135	-230.00	-40.00	0.00121
-230.00	-50.00	0.00109	-230.00	-60.00	0.00099
-230.00	-70.00	0.00090	-230.00	-80.00	0.00082
-230.00	-90.00	0.00075	-230.00	-100.00	0.00068
-220.00	100.00	0.00089	-220.00	90.00	0.00100
-220.00	80.00	0.00112	-220.00	70.00	0.00126
-220.00	60.00	0.00144	-220.00	50.00	0.00167
-220.00	40.00	0.00195	-220.00	30.00	0.00231
-220.00	25.00	0.00252	-220.00	20.00	0.00274
-220.00	17.00	0.00287	-220.00	15.00	0.00296
-220.00	13.00	0.00304	-220.00	11.00	0.00314
-220.00	9.00	0.00324	-220.00	-9.00	0.00270
-220.00	-11.00	0.00243	-220.00	-13.00	0.00225
-220.00	-15.00	0.00212	-220.00	-17.00	0.00202
-220.00	-20.00	0.00190	-220.00	-25.00	0.00175
-220.00	-30.00	0.00163	-220.00	-40.00	0.00144
-220.00	-50.00	0.00128	-220.00	-60.00	0.00114
-220.00	-70.00	0.00102	-220.00	-80.00	0.00092
-220.00	-90.00	0.00083	-220.00	-100.00	0.00076
-210.00	100.00	0.00091	-210.00	90.00	0.00101
-210.00	80.00	0.00114	-210.00	70.00	0.00129
-210.00	60.00	0.00148	-210.00	50.00	0.00172
-210.00	40.00	0.00202	-210.00	30.00	0.00240
-210.00	25.00	0.00263	-210.00	20.00	0.00287
-210.00	17.00	0.00302	-210.00	15.00	0.00312

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00323	-210.00	11.00	0.00335
-210.00	9.00	0.00349	-210.00	-9.00	0.00489
-210.00	-11.00	0.00436	-210.00	-13.00	0.00391
-210.00	-15.00	0.00354	-210.00	-17.00	0.00324
-210.00	-20.00	0.00288	-210.00	-25.00	0.00247
-210.00	-30.00	0.00219	-210.00	-40.00	0.00180
-210.00	-50.00	0.00154	-210.00	-60.00	0.00133
-210.00	-70.00	0.00117	-210.00	-80.00	0.00104
-210.00	-90.00	0.00093	-210.00	-100.00	0.00084
-200.00	100.00	0.00092	-200.00	90.00	0.00103
-200.00	80.00	0.00116	-200.00	70.00	0.00132
-200.00	60.00	0.00151	-200.00	50.00	0.00176
-200.00	40.00	0.00208	-200.00	30.00	0.00248
-200.00	25.00	0.00272	-200.00	20.00	0.00299

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00317	-200.00	15.00	0.00329
-200.00	13.00	0.00342	-200.00	11.00	0.00356
-200.00	9.00	0.00375	-200.00	-9.00	0.00641
-200.00	-11.00	0.00595	-200.00	-13.00	0.00552
-200.00	-15.00	0.00511	-200.00	-17.00	0.00474
-200.00	-20.00	0.00424	-200.00	-25.00	0.00355
-200.00	-30.00	0.00304	-200.00	-40.00	0.00235
-200.00	-50.00	0.00191	-200.00	-60.00	0.00160
-200.00	-70.00	0.00137	-200.00	-80.00	0.00119
-200.00	-90.00	0.00105	-200.00	-100.00	0.00094
-190.00	100.00	0.00093	-190.00	90.00	0.00104
-190.00	80.00	0.00118	-190.00	70.00	0.00134
-190.00	60.00	0.00154	-190.00	50.00	0.00180
-190.00	40.00	0.00212	-190.00	30.00	0.00255
-190.00	25.00	0.00281	-190.00	20.00	0.00310
-190.00	17.00	0.00330	-190.00	15.00	0.00343
-190.00	13.00	0.00358	-190.00	11.00	0.00375
-190.00	9.00	0.00397	-190.00	-9.00	0.00732
-190.00	-11.00	0.00695	-190.00	-13.00	0.00658
-190.00	-15.00	0.00622	-190.00	-17.00	0.00587

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00537	-190.00	-25.00	0.00461
-190.00	-30.00	0.00397	-190.00	-40.00	0.00301
-190.00	-50.00	0.00237	-190.00	-60.00	0.00194
-190.00	-70.00	0.00162	-190.00	-80.00	0.00138
-190.00	-90.00	0.00120	-190.00	-100.00	0.00106
-180.00	100.00	0.00094	-180.00	90.00	0.00106
-180.00	80.00	0.00119	-180.00	70.00	0.00136
-180.00	60.00	0.00157	-180.00	50.00	0.00183
-180.00	40.00	0.00217	-180.00	30.00	0.00262
-180.00	25.00	0.00289	-180.00	20.00	0.00321
-180.00	17.00	0.00341	-180.00	15.00	0.00356
-180.00	13.00	0.00373	-180.00	11.00	0.00392
-180.00	9.00	0.00415	-180.00	-9.00	0.00791
-180.00	-11.00	0.00759	-180.00	-13.00	0.00727
-180.00	-15.00	0.00696	-180.00	-17.00	0.00664
-180.00	-20.00	0.00618	-180.00	-25.00	0.00544
-180.00	-30.00	0.00477	-180.00	-40.00	0.00367
-180.00	-50.00	0.00288	-180.00	-60.00	0.00231
-180.00	-70.00	0.00191	-180.00	-80.00	0.00160
-180.00	-90.00	0.00137	-180.00	-100.00	0.00119

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00095	-170.00	90.00	0.00107
-170.00	80.00	0.00121	-170.00	70.00	0.00138
-170.00	60.00	0.00159	-170.00	50.00	0.00186
-170.00	40.00	0.00221	-170.00	30.00	0.00268
-170.00	25.00	0.00297	-170.00	20.00	0.00329
-170.00	17.00	0.00351	-170.00	15.00	0.00368
-170.00	13.00	0.00385	-170.00	11.00	0.00405
-170.00	9.00	0.00430	-170.00	-9.00	0.00832
-170.00	-11.00	0.00802	-170.00	-13.00	0.00774
-170.00	-15.00	0.00746	-170.00	-17.00	0.00718
-170.00	-20.00	0.00675	-170.00	-25.00	0.00605
-170.00	-30.00	0.00539	-170.00	-40.00	0.00425
-170.00	-50.00	0.00336	-170.00	-60.00	0.00270
-170.00	-70.00	0.00221	-170.00	-80.00	0.00184

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00156	-170.00	-100.00	0.00135
-160.00	100.00	0.00096	-160.00	90.00	0.00108
-160.00	80.00	0.00122	-160.00	70.00	0.00139
-160.00	60.00	0.00161	-160.00	50.00	0.00189
-160.00	40.00	0.00225	-160.00	30.00	0.00273
-160.00	25.00	0.00303	-160.00	20.00	0.00337
-160.00	17.00	0.00360	-160.00	15.00	0.00377
-160.00	13.00	0.00396	-160.00	11.00	0.00417
-160.00	9.00	0.00442	-160.00	-9.00	0.00862
-160.00	-11.00	0.00832	-160.00	-13.00	0.00807
-160.00	-15.00	0.00781	-160.00	-17.00	0.00755
-160.00	-20.00	0.00715	-160.00	-25.00	0.00649
-160.00	-30.00	0.00586	-160.00	-40.00	0.00472
-160.00	-50.00	0.00380	-160.00	-60.00	0.00307
-160.00	-70.00	0.00251	-160.00	-80.00	0.00209
-160.00	-90.00	0.00176	-160.00	-100.00	0.00151
-150.00	100.00	0.00097	-150.00	90.00	0.00109
-150.00	80.00	0.00123	-150.00	70.00	0.00141
-150.00	60.00	0.00163	-150.00	50.00	0.00192
-150.00	40.00	0.00229	-150.00	30.00	0.00278
-150.00	25.00	0.00308	-150.00	20.00	0.00344
-150.00	17.00	0.00368	-150.00	15.00	0.00385
-150.00	13.00	0.00405	-150.00	11.00	0.00426
-150.00	9.00	0.00452	-150.00	-9.00	0.00884
-150.00	-11.00	0.00855	-150.00	-13.00	0.00830
-150.00	-15.00	0.00807	-150.00	-17.00	0.00783

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTS:  
PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00745	-150.00	-25.00	0.00682
-150.00	-30.00	0.00621	-150.00	-40.00	0.00510
-150.00	-50.00	0.00416	-150.00	-60.00	0.00340
-150.00	-70.00	0.00280	-150.00	-80.00	0.00233
-150.00	-90.00	0.00196	-150.00	-100.00	0.00168
-140.00	100.00	0.00097	-140.00	90.00	0.00109
-140.00	80.00	0.00124	-140.00	70.00	0.00142
-140.00	60.00	0.00165	-140.00	50.00	0.00194

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00232	-140.00	30.00	0.00282
-140.00	25.00	0.00313	-140.00	20.00	0.00349
-140.00	17.00	0.00374	-140.00	15.00	0.00392
-140.00	13.00	0.00413	-140.00	11.00	0.00436
-140.00	9.00	0.00462	-140.00	-9.00	0.00902
-140.00	-11.00	0.00874	-140.00	-13.00	0.00848
-140.00	-15.00	0.00826	-140.00	-17.00	0.00803
-140.00	-20.00	0.00768	-140.00	-25.00	0.00707
-140.00	-30.00	0.00648	-140.00	-40.00	0.00539
-140.00	-50.00	0.00446	-140.00	-60.00	0.00369
-140.00	-70.00	0.00306	-140.00	-80.00	0.00256
-140.00	-90.00	0.00216	-140.00	-100.00	0.00184
-130.00	100.00	0.00098	-130.00	90.00	0.00110
-130.00	80.00	0.00125	-130.00	70.00	0.00143
-130.00	60.00	0.00167	-130.00	50.00	0.00196
-130.00	40.00	0.00234	-130.00	30.00	0.00285
-130.00	25.00	0.00317	-130.00	20.00	0.00354
-130.00	17.00	0.00379	-130.00	15.00	0.00398
-130.00	13.00	0.00418	-130.00	11.00	0.00443
-130.00	9.00	0.00471	-130.00	-9.00	0.00909
-130.00	-11.00	0.00889	-130.00	-13.00	0.00865
-130.00	-15.00	0.00841	-130.00	-17.00	0.00819
-130.00	-20.00	0.00785	-130.00	-25.00	0.00727
-130.00	-30.00	0.00669	-130.00	-40.00	0.00563
-130.00	-50.00	0.00471	-130.00	-60.00	0.00393
-130.00	-70.00	0.00329	-130.00	-80.00	0.00277
-130.00	-90.00	0.00235	-130.00	-100.00	0.00201
-120.00	100.00	0.00098	-120.00	90.00	0.00111
-120.00	80.00	0.00126	-120.00	70.00	0.00145
-120.00	60.00	0.00168	-120.00	50.00	0.00198
-120.00	40.00	0.00237	-120.00	30.00	0.00288
-120.00	25.00	0.00321	-120.00	20.00	0.00359

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTS:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00384	-120.00	15.00	0.00403
-120.00	13.00	0.00423	-120.00	11.00	0.00447

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00477	-120.00	-9.00	0.00914
-120.00	-11.00	0.00893	-120.00	-13.00	0.00873
-120.00	-15.00	0.00853	-120.00	-17.00	0.00832
-120.00	-20.00	0.00799	-120.00	-25.00	0.00743
-120.00	-30.00	0.00686	-120.00	-40.00	0.00582
-120.00	-50.00	0.00491	-120.00	-60.00	0.00413
-120.00	-70.00	0.00349	-120.00	-80.00	0.00296
-120.00	-90.00	0.00252	-120.00	-100.00	0.00216
-110.00	100.00	0.00098	-110.00	90.00	0.00111
-110.00	80.00	0.00127	-110.00	70.00	0.00146
-110.00	60.00	0.00169	-110.00	50.00	0.00200
-110.00	40.00	0.00239	-110.00	30.00	0.00291
-110.00	25.00	0.00324	-110.00	20.00	0.00362
-110.00	17.00	0.00388	-110.00	15.00	0.00407
-110.00	13.00	0.00428	-110.00	11.00	0.00452
-110.00	9.00	0.00481	-110.00	-9.00	0.00922
-110.00	-11.00	0.00901	-110.00	-13.00	0.00881
-110.00	-15.00	0.00861	-110.00	-17.00	0.00840
-110.00	-20.00	0.00808	-110.00	-25.00	0.00754
-110.00	-30.00	0.00700	-110.00	-40.00	0.00598
-110.00	-50.00	0.00508	-110.00	-60.00	0.00431
-110.00	-70.00	0.00366	-110.00	-80.00	0.00312
-110.00	-90.00	0.00268	-110.00	-100.00	0.00231
-100.00	100.00	0.00099	-100.00	90.00	0.00112
-100.00	80.00	0.00127	-100.00	70.00	0.00146
-100.00	60.00	0.00170	-100.00	50.00	0.00201
-100.00	40.00	0.00241	-100.00	30.00	0.00294
-100.00	25.00	0.00327	-100.00	20.00	0.00365
-100.00	17.00	0.00391	-100.00	15.00	0.00411
-100.00	13.00	0.00432	-100.00	11.00	0.00456
-100.00	9.00	0.00485	-100.00	-9.00	0.00929
-100.00	-11.00	0.00908	-100.00	-13.00	0.00888
-100.00	-15.00	0.00868	-100.00	-17.00	0.00848
-100.00	-20.00	0.00817	-100.00	-25.00	0.00763
-100.00	-30.00	0.00711	-100.00	-40.00	0.00611
-100.00	-50.00	0.00522	-100.00	-60.00	0.00445
-100.00	-70.00	0.00381	-100.00	-80.00	0.00327
-100.00	-90.00	0.00282	-100.00	-100.00	0.00244

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00099	-90.00	90.00	0.00112
-90.00	80.00	0.00128	-90.00	70.00	0.00147
-90.00	60.00	0.00171	-90.00	50.00	0.00202
-90.00	40.00	0.00242	-90.00	30.00	0.00296
-90.00	25.00	0.00329	-90.00	20.00	0.00368
-90.00	17.00	0.00394	-90.00	15.00	0.00414
-90.00	13.00	0.00435	-90.00	11.00	0.00459
-90.00	9.00	0.00488	-90.00	-9.00	0.00935
-90.00	-11.00	0.00914	-90.00	-13.00	0.00894
-90.00	-15.00	0.00874	-90.00	-17.00	0.00854
-90.00	-20.00	0.00824	-90.00	-25.00	0.00771
-90.00	-30.00	0.00719	-90.00	-40.00	0.00621
-90.00	-50.00	0.00533	-90.00	-60.00	0.00458
-90.00	-70.00	0.00394	-90.00	-80.00	0.00340
-90.00	-90.00	0.00294	-90.00	-100.00	0.00256
-80.00	100.00	0.00099	-80.00	90.00	0.00112
-80.00	80.00	0.00128	-80.00	70.00	0.00148
-80.00	60.00	0.00172	-80.00	50.00	0.00203
-80.00	40.00	0.00243	-80.00	30.00	0.00297
-80.00	25.00	0.00331	-80.00	20.00	0.00370
-80.00	17.00	0.00397	-80.00	15.00	0.00416
-80.00	13.00	0.00438	-80.00	11.00	0.00462
-80.00	9.00	0.00490	-80.00	-9.00	0.00942
-80.00	-11.00	0.00919	-80.00	-13.00	0.00900
-80.00	-15.00	0.00880	-80.00	-17.00	0.00859
-80.00	-20.00	0.00829	-80.00	-25.00	0.00777
-80.00	-30.00	0.00726	-80.00	-40.00	0.00629
-80.00	-50.00	0.00543	-80.00	-60.00	0.00468
-80.00	-70.00	0.00404	-80.00	-80.00	0.00350
-80.00	-90.00	0.00305	-80.00	-100.00	0.00266
-70.00	100.00	0.00099	-70.00	90.00	0.00112
-70.00	80.00	0.00128	-70.00	70.00	0.00148
-70.00	60.00	0.00172	-70.00	50.00	0.00204
-70.00	40.00	0.00244	-70.00	30.00	0.00299
-70.00	25.00	0.00333	-70.00	20.00	0.00372
-70.00	17.00	0.00399	-70.00	15.00	0.00418
-70.00	13.00	0.00440	-70.00	11.00	0.00464
-70.00	9.00	0.00492	-70.00	-9.00	0.00948
-70.00	-11.00	0.00923	-70.00	-13.00	0.00904
-70.00	-15.00	0.00885	-70.00	-17.00	0.00864

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00834	-70.00	-25.00	0.00782
-70.00	-30.00	0.00732	-70.00	-40.00	0.00636
-70.00	-50.00	0.00551	-70.00	-60.00	0.00477
-70.00	-70.00	0.00414	-70.00	-80.00	0.00360
-70.00	-90.00	0.00314	-70.00	-100.00	0.00276
-60.00	100.00	0.00099	-60.00	90.00	0.00112
-60.00	80.00	0.00128	-60.00	70.00	0.00148
-60.00	60.00	0.00173	-60.00	50.00	0.00204
-60.00	40.00	0.00245	-60.00	30.00	0.00300
-60.00	25.00	0.00334	-60.00	20.00	0.00374
-60.00	17.00	0.00401	-60.00	15.00	0.00421
-60.00	13.00	0.00442	-60.00	11.00	0.00466
-60.00	9.00	0.00494	-60.00	-9.00	0.00953
-60.00	-11.00	0.00928	-60.00	-13.00	0.00907
-60.00	-15.00	0.00888	-60.00	-17.00	0.00869
-60.00	-20.00	0.00838	-60.00	-25.00	0.00786
-60.00	-30.00	0.00736	-60.00	-40.00	0.00642
-60.00	-50.00	0.00558	-60.00	-60.00	0.00485
-60.00	-70.00	0.00422	-60.00	-80.00	0.00369
-60.00	-90.00	0.00323	-60.00	-100.00	0.00284
-50.00	100.00	0.00099	-50.00	90.00	0.00112
-50.00	80.00	0.00128	-50.00	70.00	0.00148
-50.00	60.00	0.00173	-50.00	50.00	0.00205
-50.00	40.00	0.00246	-50.00	30.00	0.00301
-50.00	25.00	0.00335	-50.00	20.00	0.00375
-50.00	17.00	0.00402	-50.00	15.00	0.00422
-50.00	13.00	0.00444	-50.00	11.00	0.00469
-50.00	9.00	0.00497	-50.00	-9.00	0.00958
-50.00	-11.00	0.00933	-50.00	-13.00	0.00910
-50.00	-15.00	0.00891	-50.00	-17.00	0.00872
-50.00	-20.00	0.00842	-50.00	-25.00	0.00790
-50.00	-30.00	0.00740	-50.00	-40.00	0.00647
-50.00	-50.00	0.00564	-50.00	-60.00	0.00491
-50.00	-70.00	0.00429	-50.00	-80.00	0.00376



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00330	-50.00	-100.00	0.00292
-40.00	100.00	0.00098	-40.00	90.00	0.00112
-40.00	80.00	0.00128	-40.00	70.00	0.00148
-40.00	60.00	0.00173	-40.00	50.00	0.00205
-40.00	40.00	0.00246	-40.00	30.00	0.00301
-40.00	25.00	0.00336	-40.00	20.00	0.00376

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00403	-40.00	15.00	0.00423
-40.00	13.00	0.00444	-40.00	11.00	0.00470
-40.00	9.00	0.00500	-40.00	-9.00	0.00955
-40.00	-11.00	0.00937	-40.00	-13.00	0.00915
-40.00	-15.00	0.00894	-40.00	-17.00	0.00875
-40.00	-20.00	0.00845	-40.00	-25.00	0.00794
-40.00	-30.00	0.00744	-40.00	-40.00	0.00651
-40.00	-50.00	0.00569	-40.00	-60.00	0.00497
-40.00	-70.00	0.00435	-40.00	-80.00	0.00382
-40.00	-90.00	0.00337	-40.00	-100.00	0.00298
-30.00	100.00	0.00098	-30.00	90.00	0.00111
-30.00	80.00	0.00128	-30.00	70.00	0.00148
-30.00	60.00	0.00173	-30.00	50.00	0.00205
-30.00	40.00	0.00247	-30.00	30.00	0.00302
-30.00	25.00	0.00336	-30.00	20.00	0.00377
-30.00	17.00	0.00404	-30.00	15.00	0.00424
-30.00	13.00	0.00446	-30.00	11.00	0.00471
-30.00	9.00	0.00501	-30.00	-9.00	0.00952
-30.00	-11.00	0.00933	-30.00	-13.00	0.00915
-30.00	-15.00	0.00897	-30.00	-17.00	0.00878
-30.00	-20.00	0.00848	-30.00	-25.00	0.00798
-30.00	-30.00	0.00747	-30.00	-40.00	0.00655
-30.00	-50.00	0.00573	-30.00	-60.00	0.00502
-30.00	-70.00	0.00440	-30.00	-80.00	0.00388
-30.00	-90.00	0.00343	-30.00	-100.00	0.00304
-20.00	100.00	0.00097	-20.00	90.00	0.00111
-20.00	80.00	0.00127	-20.00	70.00	0.00148
-20.00	60.00	0.00173	-20.00	50.00	0.00205

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00247	-20.00	30.00	0.00303
-20.00	25.00	0.00337	-20.00	20.00	0.00377
-20.00	17.00	0.00405	-20.00	15.00	0.00425
-20.00	13.00	0.00447	-20.00	11.00	0.00471
-20.00	9.00	0.00501	-20.00	-9.00	0.00954
-20.00	-11.00	0.00934	-20.00	-13.00	0.00916
-20.00	-15.00	0.00897	-20.00	-17.00	0.00878
-20.00	-20.00	0.00849	-20.00	-25.00	0.00799
-20.00	-30.00	0.00750	-20.00	-40.00	0.00658
-20.00	-50.00	0.00576	-20.00	-60.00	0.00505
-20.00	-70.00	0.00445	-20.00	-80.00	0.00393
-20.00	-90.00	0.00348	-20.00	-100.00	0.00309

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 132

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00096	-10.00	90.00	0.00110
-10.00	80.00	0.00127	-10.00	70.00	0.00147
-10.00	60.00	0.00172	-10.00	50.00	0.00205
-10.00	40.00	0.00247	-10.00	30.00	0.00303
-10.00	25.00	0.00337	-10.00	20.00	0.00377
-10.00	17.00	0.00405	-10.00	15.00	0.00425
-10.00	13.00	0.00447	-10.00	11.00	0.00471
-10.00	9.00	0.00501	-10.00	-9.00	0.00955
-10.00	-11.00	0.00935	-10.00	-13.00	0.00917
-10.00	-15.00	0.00898	-10.00	-17.00	0.00879
-10.00	-20.00	0.00850	-10.00	-25.00	0.00800
-10.00	-30.00	0.00752	-10.00	-40.00	0.00660
-10.00	-50.00	0.00579	-10.00	-60.00	0.00509
-10.00	-70.00	0.00449	-10.00	-80.00	0.00397
-10.00	-90.00	0.00352	-10.00	-100.00	0.00314
0.00	100.00	0.00095	0.00	90.00	0.00109
0.00	80.00	0.00126	0.00	70.00	0.00146
0.00	60.00	0.00172	0.00	50.00	0.00204
0.00	40.00	0.00247	0.00	30.00	0.00303
0.00	25.00	0.00337	0.00	20.00	0.00378
0.00	17.00	0.00405	0.00	15.00	0.00425
0.00	13.00	0.00447	0.00	11.00	0.00472

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00501	0.00	-9.00	0.00956
0.00	-11.00	0.00936	0.00	-13.00	0.00918
0.00	-15.00	0.00899	0.00	-17.00	0.00879
0.00	-20.00	0.00851	0.00	-25.00	0.00802
0.00	-30.00	0.00753	0.00	-40.00	0.00662
0.00	-50.00	0.00582	0.00	-60.00	0.00512
0.00	-70.00	0.00452	0.00	-80.00	0.00400
0.00	-90.00	0.00356	0.00	-100.00	0.00318
10.00	100.00	0.00094	10.00	90.00	0.00108
10.00	80.00	0.00125	10.00	70.00	0.00145
10.00	60.00	0.00171	10.00	50.00	0.00204
10.00	40.00	0.00246	10.00	30.00	0.00302
10.00	25.00	0.00337	10.00	20.00	0.00378
10.00	17.00	0.00405	10.00	15.00	0.00425
10.00	13.00	0.00447	10.00	11.00	0.00471
10.00	9.00	0.00500	10.00	-9.00	0.00959
10.00	-11.00	0.00937	10.00	-13.00	0.00918
10.00	-15.00	0.00899	10.00	-17.00	0.00880

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 133

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00851	10.00	-25.00	0.00803
10.00	-30.00	0.00754	10.00	-40.00	0.00664
10.00	-50.00	0.00584	10.00	-60.00	0.00514
10.00	-70.00	0.00455	10.00	-80.00	0.00404
10.00	-90.00	0.00360	10.00	-100.00	0.00322
20.00	100.00	0.00093	20.00	90.00	0.00107
20.00	80.00	0.00124	20.00	70.00	0.00144
20.00	60.00	0.00170	20.00	50.00	0.00203
20.00	40.00	0.00246	20.00	30.00	0.00302
20.00	25.00	0.00337	20.00	20.00	0.00377
20.00	17.00	0.00405	20.00	15.00	0.00425
20.00	13.00	0.00447	20.00	11.00	0.00471
20.00	9.00	0.00500	20.00	-9.00	0.00961
20.00	-11.00	0.00938	20.00	-13.00	0.00919
20.00	-15.00	0.00900	20.00	-17.00	0.00881
20.00	-20.00	0.00851	20.00	-25.00	0.00802

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00755	20.00	-40.00	0.00665
20.00	-50.00	0.00585	20.00	-60.00	0.00516
20.00	-70.00	0.00457	20.00	-80.00	0.00406
20.00	-90.00	0.00362	20.00	-100.00	0.00325
30.00	100.00	0.00091	30.00	90.00	0.00105
30.00	80.00	0.00122	30.00	70.00	0.00143
30.00	60.00	0.00169	30.00	50.00	0.00202
30.00	40.00	0.00245	30.00	30.00	0.00301
30.00	25.00	0.00336	30.00	20.00	0.00377
30.00	17.00	0.00404	30.00	15.00	0.00424
30.00	13.00	0.00446	30.00	11.00	0.00470
30.00	9.00	0.00499	30.00	-9.00	0.00963
30.00	-11.00	0.00938	30.00	-13.00	0.00919
30.00	-15.00	0.00900	30.00	-17.00	0.00881
30.00	-20.00	0.00852	30.00	-25.00	0.00803
30.00	-30.00	0.00755	30.00	-40.00	0.00666
30.00	-50.00	0.00586	30.00	-60.00	0.00518
30.00	-70.00	0.00459	30.00	-80.00	0.00408
30.00	-90.00	0.00365	30.00	-100.00	0.00327
40.00	100.00	0.00090	40.00	90.00	0.00104
40.00	80.00	0.00121	40.00	70.00	0.00142
40.00	60.00	0.00168	40.00	50.00	0.00201
40.00	40.00	0.00243	40.00	30.00	0.00300
40.00	25.00	0.00335	40.00	20.00	0.00376

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:

PAGE 134

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00403	40.00	15.00	0.00423
40.00	13.00	0.00446	40.00	11.00	0.00471
40.00	9.00	0.00500	40.00	-9.00	0.00965
40.00	-11.00	0.00941	40.00	-13.00	0.00918
40.00	-15.00	0.00900	40.00	-17.00	0.00881
40.00	-20.00	0.00852	40.00	-25.00	0.00803
40.00	-30.00	0.00755	40.00	-40.00	0.00666
40.00	-50.00	0.00587	40.00	-60.00	0.00519
40.00	-70.00	0.00460	40.00	-80.00	0.00410
40.00	-90.00	0.00367	40.00	-100.00	0.00330

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00088	50.00	90.00	0.00102
50.00	80.00	0.00119	50.00	70.00	0.00140
50.00	60.00	0.00166	50.00	50.00	0.00199
50.00	40.00	0.00242	50.00	30.00	0.00298
50.00	25.00	0.00334	50.00	20.00	0.00375
50.00	17.00	0.00402	50.00	15.00	0.00422
50.00	13.00	0.00444	50.00	11.00	0.00470
50.00	9.00	0.00500	50.00	-9.00	0.00959
50.00	-11.00	0.00942	50.00	-13.00	0.00921
50.00	-15.00	0.00900	50.00	-17.00	0.00881
50.00	-20.00	0.00852	50.00	-25.00	0.00803
50.00	-30.00	0.00755	50.00	-40.00	0.00666
50.00	-50.00	0.00588	50.00	-60.00	0.00520
50.00	-70.00	0.00462	50.00	-80.00	0.00412
50.00	-90.00	0.00369	50.00	-100.00	0.00332
60.00	100.00	0.00086	60.00	90.00	0.00100
60.00	80.00	0.00117	60.00	70.00	0.00138
60.00	60.00	0.00164	60.00	50.00	0.00197
60.00	40.00	0.00240	60.00	30.00	0.00297
60.00	25.00	0.00332	60.00	20.00	0.00373
60.00	17.00	0.00401	60.00	15.00	0.00421
60.00	13.00	0.00443	60.00	11.00	0.00468
60.00	9.00	0.00499	60.00	-9.00	0.00953
60.00	-11.00	0.00935	60.00	-13.00	0.00917
60.00	-15.00	0.00900	60.00	-17.00	0.00881
60.00	-20.00	0.00852	60.00	-25.00	0.00804
60.00	-30.00	0.00755	60.00	-40.00	0.00666
60.00	-50.00	0.00588	60.00	-60.00	0.00520
60.00	-70.00	0.00462	60.00	-80.00	0.00413
60.00	-90.00	0.00370	60.00	-100.00	0.00333

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00083	70.00	90.00	0.00097
70.00	80.00	0.00114	70.00	70.00	0.00135
70.00	60.00	0.00162	70.00	50.00	0.00195
70.00	40.00	0.00238	70.00	30.00	0.00295

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00330	70.00	20.00	0.00371
70.00	17.00	0.00399	70.00	15.00	0.00419
70.00	13.00	0.00441	70.00	11.00	0.00466
70.00	9.00	0.00497	70.00	-9.00	0.00952
70.00	-11.00	0.00933	70.00	-13.00	0.00915
70.00	-15.00	0.00897	70.00	-17.00	0.00878
70.00	-20.00	0.00850	70.00	-25.00	0.00802
70.00	-30.00	0.00755	70.00	-40.00	0.00666
70.00	-50.00	0.00588	70.00	-60.00	0.00521
70.00	-70.00	0.00463	70.00	-80.00	0.00413
70.00	-90.00	0.00371	70.00	-100.00	0.00335
80.00	100.00	0.00080	80.00	90.00	0.00094
80.00	80.00	0.00111	80.00	70.00	0.00133
80.00	60.00	0.00159	80.00	50.00	0.00193
80.00	40.00	0.00236	80.00	30.00	0.00293
80.00	25.00	0.00328	80.00	20.00	0.00369
80.00	17.00	0.00397	80.00	15.00	0.00417
80.00	13.00	0.00439	80.00	11.00	0.00464
80.00	9.00	0.00494	80.00	-9.00	0.00950
80.00	-11.00	0.00931	80.00	-13.00	0.00913
80.00	-15.00	0.00895	80.00	-17.00	0.00877
80.00	-20.00	0.00848	80.00	-25.00	0.00801
80.00	-30.00	0.00754	80.00	-40.00	0.00666
80.00	-50.00	0.00588	80.00	-60.00	0.00521
80.00	-70.00	0.00463	80.00	-80.00	0.00414
80.00	-90.00	0.00372	80.00	-100.00	0.00336
90.00	100.00	0.00077	90.00	90.00	0.00091
90.00	80.00	0.00108	90.00	70.00	0.00129
90.00	60.00	0.00156	90.00	50.00	0.00189
90.00	40.00	0.00233	90.00	30.00	0.00290
90.00	25.00	0.00325	90.00	20.00	0.00366
90.00	17.00	0.00394	90.00	15.00	0.00414
90.00	13.00	0.00436	90.00	11.00	0.00461
90.00	9.00	0.00491	90.00	-9.00	0.00949
90.00	-11.00	0.00929	90.00	-13.00	0.00911
90.00	-15.00	0.00893	90.00	-17.00	0.00874

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

07NCRA PL92-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00847	90.00	-25.00	0.00799
90.00	-30.00	0.00752	90.00	-40.00	0.00665
90.00	-50.00	0.00587	90.00	-60.00	0.00520
90.00	-70.00	0.00463	90.00	-80.00	0.00414
90.00	-90.00	0.00372	90.00	-100.00	0.00336
100.00	100.00	0.00074	100.00	90.00	0.00088
100.00	80.00	0.00104	100.00	70.00	0.00125
100.00	60.00	0.00152	100.00	50.00	0.00186
100.00	40.00	0.00229	100.00	30.00	0.00287
100.00	25.00	0.00322	100.00	20.00	0.00363
100.00	17.00	0.00391	100.00	15.00	0.00411
100.00	13.00	0.00433	100.00	11.00	0.00458
100.00	9.00	0.00487	100.00	-9.00	0.00949
100.00	-11.00	0.00927	100.00	-13.00	0.00909
100.00	-15.00	0.00890	100.00	-17.00	0.00872
100.00	-20.00	0.00844	100.00	-25.00	0.00797
100.00	-30.00	0.00750	100.00	-40.00	0.00663
100.00	-50.00	0.00586	100.00	-60.00	0.00519
100.00	-70.00	0.00462	100.00	-80.00	0.00414
100.00	-90.00	0.00372	100.00	-100.00	0.00337
110.00	100.00	0.00070	110.00	90.00	0.00084
110.00	80.00	0.00100	110.00	70.00	0.00121
110.00	60.00	0.00147	110.00	50.00	0.00181
110.00	40.00	0.00225	110.00	30.00	0.00283
110.00	25.00	0.00318	110.00	20.00	0.00359
110.00	17.00	0.00387	110.00	15.00	0.00407
110.00	13.00	0.00429	110.00	11.00	0.00454
110.00	9.00	0.00483	110.00	-9.00	0.00947
110.00	-11.00	0.00924	110.00	-13.00	0.00906
110.00	-15.00	0.00888	110.00	-17.00	0.00869
110.00	-20.00	0.00841	110.00	-25.00	0.00794
110.00	-30.00	0.00748	110.00	-40.00	0.00661
110.00	-50.00	0.00585	110.00	-60.00	0.00518
110.00	-70.00	0.00462	110.00	-80.00	0.00414
110.00	-90.00	0.00372	110.00	-100.00	0.00337
120.00	100.00	0.00066	120.00	90.00	0.00079
120.00	80.00	0.00095	120.00	70.00	0.00116
120.00	60.00	0.00142	120.00	50.00	0.00176
120.00	40.00	0.00220	120.00	30.00	0.00278
120.00	25.00	0.00314	120.00	20.00	0.00355

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00383	120.00	15.00	0.00403
120.00	13.00	0.00425	120.00	11.00	0.00449
120.00	9.00	0.00478	120.00	-9.00	0.00945
120.00	-11.00	0.00921	120.00	-13.00	0.00902
120.00	-15.00	0.00884	120.00	-17.00	0.00866
120.00	-20.00	0.00838	120.00	-25.00	0.00791
120.00	-30.00	0.00745	120.00	-40.00	0.00659
120.00	-50.00	0.00583	120.00	-60.00	0.00517
120.00	-70.00	0.00461	120.00	-80.00	0.00413
120.00	-90.00	0.00372	120.00	-100.00	0.00337
130.00	100.00	0.00062	130.00	90.00	0.00074
130.00	80.00	0.00090	130.00	70.00	0.00110
130.00	60.00	0.00136	130.00	50.00	0.00170
130.00	40.00	0.00214	130.00	30.00	0.00272
130.00	25.00	0.00308	130.00	20.00	0.00349
130.00	17.00	0.00377	130.00	15.00	0.00397
130.00	13.00	0.00420	130.00	11.00	0.00445
130.00	9.00	0.00474	130.00	-9.00	0.00942
130.00	-11.00	0.00919	130.00	-13.00	0.00897
130.00	-15.00	0.00880	130.00	-17.00	0.00862
130.00	-20.00	0.00835	130.00	-25.00	0.00788
130.00	-30.00	0.00742	130.00	-40.00	0.00656
130.00	-50.00	0.00580	130.00	-60.00	0.00515
130.00	-70.00	0.00459	130.00	-80.00	0.00412
130.00	-90.00	0.00371	130.00	-100.00	0.00336
140.00	100.00	0.00058	140.00	90.00	0.00069
140.00	80.00	0.00084	140.00	70.00	0.00103
140.00	60.00	0.00128	140.00	50.00	0.00162
140.00	40.00	0.00206	140.00	30.00	0.00264
140.00	25.00	0.00301	140.00	20.00	0.00342
140.00	17.00	0.00370	140.00	15.00	0.00390
140.00	13.00	0.00412	140.00	11.00	0.00439
140.00	9.00	0.00469	140.00	-9.00	0.00932
140.00	-11.00	0.00915	140.00	-13.00	0.00895
140.00	-15.00	0.00875	140.00	-17.00	0.00858
140.00	-20.00	0.00830	140.00	-25.00	0.00784



07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00738	140.00	-40.00	0.00653
140.00	-50.00	0.00577	140.00	-60.00	0.00513
140.00	-70.00	0.00457	140.00	-80.00	0.00410
140.00	-90.00	0.00370	140.00	-100.00	0.00336

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00054	150.00	90.00	0.00064
150.00	80.00	0.00078	150.00	70.00	0.00096
150.00	60.00	0.00120	150.00	50.00	0.00153
150.00	40.00	0.00197	150.00	30.00	0.00255
150.00	25.00	0.00292	150.00	20.00	0.00334
150.00	17.00	0.00362	150.00	15.00	0.00382
150.00	13.00	0.00404	150.00	11.00	0.00430
150.00	9.00	0.00461	150.00	-9.00	0.00920
150.00	-11.00	0.00903	150.00	-13.00	0.00887
150.00	-15.00	0.00870	150.00	-17.00	0.00853
150.00	-20.00	0.00826	150.00	-25.00	0.00780
150.00	-30.00	0.00734	150.00	-40.00	0.00649
150.00	-50.00	0.00574	150.00	-60.00	0.00510
150.00	-70.00	0.00455	150.00	-80.00	0.00409
150.00	-90.00	0.00369	150.00	-100.00	0.00334
160.00	100.00	0.00050	160.00	90.00	0.00059
160.00	80.00	0.00071	160.00	70.00	0.00088
160.00	60.00	0.00110	160.00	50.00	0.00142
160.00	40.00	0.00185	160.00	30.00	0.00244
160.00	25.00	0.00280	160.00	20.00	0.00323
160.00	17.00	0.00351	160.00	15.00	0.00372
160.00	13.00	0.00394	160.00	11.00	0.00419
160.00	9.00	0.00450	160.00	-9.00	0.00912
160.00	-11.00	0.00895	160.00	-13.00	0.00878
160.00	-15.00	0.00862	160.00	-17.00	0.00845
160.00	-20.00	0.00819	160.00	-25.00	0.00774
160.00	-30.00	0.00729	160.00	-40.00	0.00645
160.00	-50.00	0.00570	160.00	-60.00	0.00507
160.00	-70.00	0.00453	160.00	-80.00	0.00406
160.00	-90.00	0.00367	160.00	-100.00	0.00332

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00047	170.00	90.00	0.00055
170.00	80.00	0.00065	170.00	70.00	0.00080
170.00	60.00	0.00100	170.00	50.00	0.00129
170.00	40.00	0.00170	170.00	30.00	0.00229
170.00	25.00	0.00266	170.00	20.00	0.00309
170.00	17.00	0.00338	170.00	15.00	0.00359
170.00	13.00	0.00381	170.00	11.00	0.00406
170.00	9.00	0.00437	170.00	-9.00	0.00902
170.00	-11.00	0.00885	170.00	-13.00	0.00869
170.00	-15.00	0.00853	170.00	-17.00	0.00837

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00811	170.00	-25.00	0.00766
170.00	-30.00	0.00722	170.00	-40.00	0.00639
170.00	-50.00	0.00566	170.00	-60.00	0.00503
170.00	-70.00	0.00449	170.00	-80.00	0.00403
170.00	-90.00	0.00364	170.00	-100.00	0.00330
180.00	100.00	0.00044	180.00	90.00	0.00051
180.00	80.00	0.00060	180.00	70.00	0.00073
180.00	60.00	0.00090	180.00	50.00	0.00115
180.00	40.00	0.00153	180.00	30.00	0.00210
180.00	25.00	0.00247	180.00	20.00	0.00290
180.00	17.00	0.00319	180.00	15.00	0.00341
180.00	13.00	0.00364	180.00	11.00	0.00390
180.00	9.00	0.00420	180.00	-9.00	0.00892
180.00	-11.00	0.00875	180.00	-13.00	0.00859
180.00	-15.00	0.00843	180.00	-17.00	0.00826
180.00	-20.00	0.00801	180.00	-25.00	0.00758
180.00	-30.00	0.00714	180.00	-40.00	0.00633
180.00	-50.00	0.00561	180.00	-60.00	0.00498
180.00	-70.00	0.00445	180.00	-80.00	0.00399
180.00	-90.00	0.00360	180.00	-100.00	0.00327
190.00	100.00	0.00041	190.00	90.00	0.00048
190.00	80.00	0.00056	190.00	70.00	0.00066
190.00	60.00	0.00081	190.00	50.00	0.00102
190.00	40.00	0.00134	190.00	30.00	0.00185

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00221	190.00	20.00	0.00265
190.00	17.00	0.00295	190.00	15.00	0.00317
190.00	13.00	0.00341	190.00	11.00	0.00367
190.00	9.00	0.00398	190.00	-9.00	0.00880
190.00	-11.00	0.00862	190.00	-13.00	0.00847
190.00	-15.00	0.00831	190.00	-17.00	0.00815
190.00	-20.00	0.00790	190.00	-25.00	0.00748
190.00	-30.00	0.00706	190.00	-40.00	0.00625
190.00	-50.00	0.00554	190.00	-60.00	0.00492
190.00	-70.00	0.00439	190.00	-80.00	0.00394
190.00	-90.00	0.00356	190.00	-100.00	0.00323
200.00	100.00	0.00039	200.00	90.00	0.00045
200.00	80.00	0.00052	200.00	70.00	0.00061
200.00	60.00	0.00073	200.00	50.00	0.00090
200.00	40.00	0.00116	200.00	30.00	0.00158
200.00	25.00	0.00189	200.00	20.00	0.00230

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00260	200.00	15.00	0.00283
200.00	13.00	0.00308	200.00	11.00	0.00336
200.00	9.00	0.00368	200.00	-9.00	0.00866
200.00	-11.00	0.00847	200.00	-13.00	0.00833
200.00	-15.00	0.00818	200.00	-17.00	0.00802
200.00	-20.00	0.00778	200.00	-25.00	0.00736
200.00	-30.00	0.00695	200.00	-40.00	0.00616
200.00	-50.00	0.00545	200.00	-60.00	0.00484
200.00	-70.00	0.00432	200.00	-80.00	0.00389
200.00	-90.00	0.00351	200.00	-100.00	0.00320
210.00	100.00	0.00037	210.00	90.00	0.00042
210.00	80.00	0.00048	210.00	70.00	0.00057
210.00	60.00	0.00067	210.00	50.00	0.00082
210.00	40.00	0.00102	210.00	30.00	0.00133
210.00	25.00	0.00157	210.00	20.00	0.00189
210.00	17.00	0.00214	210.00	15.00	0.00235
210.00	13.00	0.00259	210.00	11.00	0.00287
210.00	9.00	0.00322	210.00	-9.00	0.00848

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00830	210.00	-13.00	0.00815
210.00	-15.00	0.00802	210.00	-17.00	0.00787
210.00	-20.00	0.00764	210.00	-25.00	0.00722
210.00	-30.00	0.00681	210.00	-40.00	0.00603
210.00	-50.00	0.00534	210.00	-60.00	0.00475
210.00	-70.00	0.00425	210.00	-80.00	0.00382
210.00	-90.00	0.00346	210.00	-100.00	0.00315
220.00	100.00	0.00035	220.00	90.00	0.00040
220.00	80.00	0.00046	220.00	70.00	0.00053
220.00	60.00	0.00062	220.00	50.00	0.00075
220.00	40.00	0.00092	220.00	30.00	0.00117
220.00	25.00	0.00134	220.00	20.00	0.00157
220.00	17.00	0.00175	220.00	15.00	0.00189
220.00	13.00	0.00206	220.00	11.00	0.00226
220.00	9.00	0.00254	220.00	-9.00	0.00825
220.00	-11.00	0.00809	220.00	-13.00	0.00792
220.00	-15.00	0.00779	220.00	-17.00	0.00766
220.00	-20.00	0.00743	220.00	-25.00	0.00703
220.00	-30.00	0.00662	220.00	-40.00	0.00587
220.00	-50.00	0.00521	220.00	-60.00	0.00464
220.00	-70.00	0.00416	220.00	-80.00	0.00375
220.00	-90.00	0.00340	220.00	-100.00	0.00310

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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 \*\*MODELOPTs: \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00034	230.00	90.00	0.00038
230.00	80.00	0.00043	230.00	70.00	0.00050
230.00	60.00	0.00059	230.00	50.00	0.00070
230.00	40.00	0.00085	230.00	30.00	0.00106
230.00	25.00	0.00121	230.00	20.00	0.00140
230.00	17.00	0.00155	230.00	15.00	0.00167
230.00	13.00	0.00180	230.00	11.00	0.00197
230.00	9.00	0.00217	230.00	-9.00	0.00731
230.00	-11.00	0.00741	230.00	-13.00	0.00738
230.00	-15.00	0.00730	230.00	-17.00	0.00721
230.00	-20.00	0.00704	230.00	-25.00	0.00670
230.00	-30.00	0.00634	230.00	-40.00	0.00565

07NCRA\_PL92-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00503	230.00	-60.00	0.00450
230.00	-70.00	0.00404	230.00	-80.00	0.00365
230.00	-90.00	0.00332	230.00	-100.00	0.00303
240.00	100.00	0.00032	240.00	90.00	0.00036
240.00	80.00	0.00041	240.00	70.00	0.00047
240.00	60.00	0.00055	240.00	50.00	0.00065
240.00	40.00	0.00078	240.00	30.00	0.00097
240.00	25.00	0.00110	240.00	20.00	0.00127
240.00	17.00	0.00140	240.00	15.00	0.00150
240.00	13.00	0.00162	240.00	11.00	0.00175
240.00	9.00	0.00192	240.00	-9.00	0.00507
240.00	-11.00	0.00542	240.00	-13.00	0.00569
240.00	-15.00	0.00589	240.00	-17.00	0.00601
240.00	-20.00	0.00607	240.00	-25.00	0.00600
240.00	-30.00	0.00579	240.00	-40.00	0.00529
240.00	-50.00	0.00477	240.00	-60.00	0.00430
240.00	-70.00	0.00389	240.00	-80.00	0.00353
240.00	-90.00	0.00322	240.00	-100.00	0.00296
250.00	100.00	0.00031	250.00	90.00	0.00034
250.00	80.00	0.00039	250.00	70.00	0.00044
250.00	60.00	0.00051	250.00	50.00	0.00060
250.00	40.00	0.00072	250.00	30.00	0.00089
250.00	25.00	0.00101	250.00	20.00	0.00115
250.00	17.00	0.00126	250.00	15.00	0.00134
250.00	13.00	0.00143	250.00	11.00	0.00154
250.00	9.00	0.00166	250.00	-9.00	0.00356
250.00	-11.00	0.00383	250.00	-13.00	0.00408
250.00	-15.00	0.00430	250.00	-17.00	0.00449

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00471	250.00	-25.00	0.00491
250.00	-30.00	0.00495	250.00	-40.00	0.00474
250.00	-50.00	0.00440	250.00	-60.00	0.00403
250.00	-70.00	0.00369	250.00	-80.00	0.00338
250.00	-90.00	0.00311	250.00	-100.00	0.00286

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00733 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00730 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00717 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00710 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00705 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00705 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00690 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690 AT ( 190.00, -11.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00690 AT ( 180.00, -9.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00733 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00730 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00717 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00710 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00705 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00705 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00690 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690 AT ( 100.00, -11.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00690 AT ( 90.00, -9.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00733 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00730 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00717 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00710 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00705 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00705 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00690 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690 AT ( 10.00, -11.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00690 AT ( 0.00, -9.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00733 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00730 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00717 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00710 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00705 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00705 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00690 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00690 AT ( -80.00, -11.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00690 AT ( -90.00, -9.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00733 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00730 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00725 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00717 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00710 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00705 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00705 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00690 AT ( -150.00, -13.00, 0.00, 1.20)	DC	NA

		07NCRA_PL92-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00690	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00690	AT (	-180.00,	-9.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00965	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00963	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00961	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00959	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00959	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00958	AT (	-50.00,	-9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00956	AT (	0.00,	-9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00955	AT (	-40.00,	-9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00955	AT (	-10.00,	-9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00954	AT (	-20.00,	-9.00,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:34:30

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 4 Informational Message(s)  
 A Total of 4 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 10:44:11

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED



RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2

RE DISCCART	-240.0	11.0	1.2
RE DISCCART	-240.0	9.0	1.2
RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
RE DISCCART	-230.0	-9.0	1.2
RE DISCCART	-230.0	-11.0	1.2
RE DISCCART	-230.0	-13.0	1.2
RE DISCCART	-230.0	-15.0	1.2
RE DISCCART	-230.0	-17.0	1.2
RE DISCCART	-230.0	-20.0	1.2
RE DISCCART	-230.0	-25.0	1.2
RE DISCCART	-230.0	-30.0	1.2
RE DISCCART	-230.0	-40.0	1.2
RE DISCCART	-230.0	-50.0	1.2
RE DISCCART	-230.0	-60.0	1.2
RE DISCCART	-230.0	-70.0	1.2

RE DISCCART	-230.0	-80.0	1.2
RE DISCCART	-230.0	-90.0	1.2
RE DISCCART	-230.0	-100.0	1.2
RE DISCCART	-220.0	100.0	1.2
RE DISCCART	-220.0	90.0	1.2
RE DISCCART	-220.0	80.0	1.2
RE DISCCART	-220.0	70.0	1.2
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RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
RE DISCCART	210.0	25.0	1.2
RE DISCCART	210.0	20.0	1.2
RE DISCCART	210.0	17.0	1.2
RE DISCCART	210.0	15.0	1.2
RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
RE DISCCART	210.0	-13.0	1.2
RE DISCCART	210.0	-15.0	1.2
RE DISCCART	210.0	-17.0	1.2
RE DISCCART	210.0	-20.0	1.2
RE DISCCART	210.0	-25.0	1.2
RE DISCCART	210.0	-30.0	1.2
RE DISCCART	210.0	-40.0	1.2
RE DISCCART	210.0	-50.0	1.2
RE DISCCART	210.0	-60.0	1.2
RE DISCCART	210.0	-70.0	1.2



RE DISCCART	210.0	-80.0	1.2
RE DISCCART	210.0	-90.0	1.2
RE DISCCART	210.0	-100.0	1.2
RE DISCCART	220.0	100.0	1.2
RE DISCCART	220.0	90.0	1.2
RE DISCCART	220.0	80.0	1.2
RE DISCCART	220.0	70.0	1.2
RE DISCCART	220.0	60.0	1.2
RE DISCCART	220.0	50.0	1.2
RE DISCCART	220.0	40.0	1.2
RE DISCCART	220.0	30.0	1.2
RE DISCCART	220.0	25.0	1.2
RE DISCCART	220.0	20.0	1.2
RE DISCCART	220.0	17.0	1.2
RE DISCCART	220.0	15.0	1.2
RE DISCCART	220.0	13.0	1.2
RE DISCCART	220.0	11.0	1.2
RE DISCCART	220.0	9.0	1.2
RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
RE DISCCART	220.0	-13.0	1.2
RE DISCCART	220.0	-15.0	1.2
RE DISCCART	220.0	-17.0	1.2
RE DISCCART	220.0	-20.0	1.2
RE DISCCART	220.0	-25.0	1.2
RE DISCCART	220.0	-30.0	1.2
RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
RE DISCCART	230.0	25.0	1.2
RE DISCCART	230.0	20.0	1.2
RE DISCCART	230.0	17.0	1.2

RE DISCCART	230.0	15.0	1.2
RE DISCCART	230.0	13.0	1.2
RE DISCCART	230.0	11.0	1.2
RE DISCCART	230.0	9.0	1.2
RE DISCCART	230.0	-9.0	1.2
RE DISCCART	230.0	-11.0	1.2
RE DISCCART	230.0	-13.0	1.2
RE DISCCART	230.0	-15.0	1.2
RE DISCCART	230.0	-17.0	1.2
RE DISCCART	230.0	-20.0	1.2
RE DISCCART	230.0	-25.0	1.2
RE DISCCART	230.0	-30.0	1.2
RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2  
RE DISCCART 240.0 -70.0 1.2  
RE DISCCART 240.0 -80.0 1.2  
RE DISCCART 240.0 -90.0 1.2  
RE DISCCART 240.0 -100.0 1.2  
RE DISCCART 250.0 100.0 1.2  
RE DISCCART 250.0 90.0 1.2  
RE DISCCART 250.0 80.0 1.2  
RE DISCCART 250.0 70.0 1.2  
RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
RE DISCCART 250.0 17.0 1.2  
RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
RE DISCCART 250.0 11.0 1.2  
RE DISCCART 250.0 9.0 1.2  
RE DISCCART 250.0 -9.0 1.2  
RE DISCCART 250.0 -11.0 1.2  
RE DISCCART 250.0 -13.0 1.2  
RE DISCCART 250.0 -15.0 1.2  
RE DISCCART 250.0 -17.0 1.2  
RE DISCCART 250.0 -20.0 1.2  
RE DISCCART 250.0 -25.0 1.2  
RE DISCCART 250.0 -30.0 1.2  
RE DISCCART 250.0 -40.0 1.2  
RE DISCCART 250.0 -50.0 1.2  
RE DISCCART 250.0 -60.0 1.2  
RE DISCCART 250.0 -70.0 1.2  
RE DISCCART 250.0 -80.0 1.2  
RE DISCCART 250.0 -90.0 1.2  
RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET93300.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 9901 1993  
ME UAIRDATA 9901 1993  
ME STARTEND 1993 01 01 1 1993 12 31 24  
ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\08NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\08NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE	NUMBER	EMISSION RATE	COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	INIT.
SCALAR VARY	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ
BY	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -250.0,	100.0,	0.0,	1.2);	( -250.0,	90.0,	0.0,	1.2);
( -250.0,	80.0,	0.0,	1.2);	( -250.0,	70.0,	0.0,	1.2);
( -250.0,	60.0,	0.0,	1.2);	( -250.0,	50.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound

( -250.0,	40.0,	0.0,	1.2);	( -250.0,	30.0,	0.0,	1.2);
( -250.0,	25.0,	0.0,	1.2);	( -250.0,	20.0,	0.0,	1.2);
( -250.0,	17.0,	0.0,	1.2);	( -250.0,	15.0,	0.0,	1.2);
( -250.0,	13.0,	0.0,	1.2);	( -250.0,	11.0,	0.0,	1.2);
( -250.0,	9.0,	0.0,	1.2);	( -250.0,	-9.0,	0.0,	1.2);
( -250.0,	-11.0,	0.0,	1.2);	( -250.0,	-13.0,	0.0,	1.2);
( -250.0,	-15.0,	0.0,	1.2);	( -250.0,	-17.0,	0.0,	1.2);
( -250.0,	-20.0,	0.0,	1.2);	( -250.0,	-25.0,	0.0,	1.2);
( -250.0,	-30.0,	0.0,	1.2);	( -250.0,	-40.0,	0.0,	1.2);
( -250.0,	-50.0,	0.0,	1.2);	( -250.0,	-60.0,	0.0,	1.2);
( -250.0,	-70.0,	0.0,	1.2);	( -250.0,	-80.0,	0.0,	1.2);
( -250.0,	-90.0,	0.0,	1.2);	( -250.0,	-100.0,	0.0,	1.2);
( -240.0,	100.0,	0.0,	1.2);	( -240.0,	90.0,	0.0,	1.2);
( -240.0,	80.0,	0.0,	1.2);	( -240.0,	70.0,	0.0,	1.2);
( -240.0,	60.0,	0.0,	1.2);	( -240.0,	50.0,	0.0,	1.2);
( -240.0,	40.0,	0.0,	1.2);	( -240.0,	30.0,	0.0,	1.2);
( -240.0,	25.0,	0.0,	1.2);	( -240.0,	20.0,	0.0,	1.2);
( -240.0,	17.0,	0.0,	1.2);	( -240.0,	15.0,	0.0,	1.2);
( -240.0,	13.0,	0.0,	1.2);	( -240.0,	11.0,	0.0,	1.2);
( -240.0,	9.0,	0.0,	1.2);	( -240.0,	-9.0,	0.0,	1.2);
( -240.0,	-11.0,	0.0,	1.2);	( -240.0,	-13.0,	0.0,	1.2);
( -240.0,	-15.0,	0.0,	1.2);	( -240.0,	-17.0,	0.0,	1.2);
( -240.0,	-20.0,	0.0,	1.2);	( -240.0,	-25.0,	0.0,	1.2);
( -240.0,	-30.0,	0.0,	1.2);	( -240.0,	-40.0,	0.0,	1.2);
( -240.0,	-50.0,	0.0,	1.2);	( -240.0,	-60.0,	0.0,	1.2);
( -240.0,	-70.0,	0.0,	1.2);	( -240.0,	-80.0,	0.0,	1.2);
( -240.0,	-90.0,	0.0,	1.2);	( -240.0,	-100.0,	0.0,	1.2);
( -230.0,	100.0,	0.0,	1.2);	( -230.0,	90.0,	0.0,	1.2);
( -230.0,	80.0,	0.0,	1.2);	( -230.0,	70.0,	0.0,	1.2);
( -230.0,	60.0,	0.0,	1.2);	( -230.0,	50.0,	0.0,	1.2);
( -230.0,	40.0,	0.0,	1.2);	( -230.0,	30.0,	0.0,	1.2);
( -230.0,	25.0,	0.0,	1.2);	( -230.0,	20.0,	0.0,	1.2);
( -230.0,	17.0,	0.0,	1.2);	( -230.0,	15.0,	0.0,	1.2);
( -230.0,	13.0,	0.0,	1.2);	( -230.0,	11.0,	0.0,	1.2);
( -230.0,	9.0,	0.0,	1.2);	( -230.0,	-9.0,	0.0,	1.2);
( -230.0,	-11.0,	0.0,	1.2);	( -230.0,	-13.0,	0.0,	1.2);
( -230.0,	-15.0,	0.0,	1.2);	( -230.0,	-17.0,	0.0,	1.2);
( -230.0,	-20.0,	0.0,	1.2);	( -230.0,	-25.0,	0.0,	1.2);
( -230.0,	-30.0,	0.0,	1.2);	( -230.0,	-40.0,	0.0,	1.2);
( -230.0,	-50.0,	0.0,	1.2);	( -230.0,	-60.0,	0.0,	1.2);
( -230.0,	-70.0,	0.0,	1.2);	( -230.0,	-80.0,	0.0,	1.2);
( -230.0,	-90.0,	0.0,	1.2);	( -230.0,	-100.0,	0.0,	1.2);

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -220.0, 100.0, 0.0, 1.2);	( -220.0, 90.0, 0.0, 1.2);
( -220.0, 80.0, 0.0, 1.2);	( -220.0, 70.0, 0.0, 1.2);
( -220.0, 60.0, 0.0, 1.2);	( -220.0, 50.0, 0.0, 1.2);
( -220.0, 40.0, 0.0, 1.2);	( -220.0, 30.0, 0.0, 1.2);
( -220.0, 25.0, 0.0, 1.2);	( -220.0, 20.0, 0.0, 1.2);
( -220.0, 17.0, 0.0, 1.2);	( -220.0, 15.0, 0.0, 1.2);
( -220.0, 13.0, 0.0, 1.2);	( -220.0, 11.0, 0.0, 1.2);
( -220.0, 9.0, 0.0, 1.2);	( -220.0, -9.0, 0.0, 1.2);
( -220.0, -11.0, 0.0, 1.2);	( -220.0, -13.0, 0.0, 1.2);
( -220.0, -15.0, 0.0, 1.2);	( -220.0, -17.0, 0.0, 1.2);
( -220.0, -20.0, 0.0, 1.2);	( -220.0, -25.0, 0.0, 1.2);
( -220.0, -30.0, 0.0, 1.2);	( -220.0, -40.0, 0.0, 1.2);
( -220.0, -50.0, 0.0, 1.2);	( -220.0, -60.0, 0.0, 1.2);
( -220.0, -70.0, 0.0, 1.2);	( -220.0, -80.0, 0.0, 1.2);
( -220.0, -90.0, 0.0, 1.2);	( -220.0, -100.0, 0.0, 1.2);
( -210.0, 100.0, 0.0, 1.2);	( -210.0, 90.0, 0.0, 1.2);
( -210.0, 80.0, 0.0, 1.2);	( -210.0, 70.0, 0.0, 1.2);
( -210.0, 60.0, 0.0, 1.2);	( -210.0, 50.0, 0.0, 1.2);
( -210.0, 40.0, 0.0, 1.2);	( -210.0, 30.0, 0.0, 1.2);
( -210.0, 25.0, 0.0, 1.2);	( -210.0, 20.0, 0.0, 1.2);
( -210.0, 17.0, 0.0, 1.2);	( -210.0, 15.0, 0.0, 1.2);
( -210.0, 13.0, 0.0, 1.2);	( -210.0, 11.0, 0.0, 1.2);
( -210.0, 9.0, 0.0, 1.2);	( -210.0, -9.0, 0.0, 1.2);
( -210.0, -11.0, 0.0, 1.2);	( -210.0, -13.0, 0.0, 1.2);
( -210.0, -15.0, 0.0, 1.2);	( -210.0, -17.0, 0.0, 1.2);
( -210.0, -20.0, 0.0, 1.2);	( -210.0, -25.0, 0.0, 1.2);
( -210.0, -30.0, 0.0, 1.2);	( -210.0, -40.0, 0.0, 1.2);
( -210.0, -50.0, 0.0, 1.2);	( -210.0, -60.0, 0.0, 1.2);
( -210.0, -70.0, 0.0, 1.2);	( -210.0, -80.0, 0.0, 1.2);
( -210.0, -90.0, 0.0, 1.2);	( -210.0, -100.0, 0.0, 1.2);
( -200.0, 100.0, 0.0, 1.2);	( -200.0, 90.0, 0.0, 1.2);
( -200.0, 80.0, 0.0, 1.2);	( -200.0, 70.0, 0.0, 1.2);
( -200.0, 60.0, 0.0, 1.2);	( -200.0, 50.0, 0.0, 1.2);
( -200.0, 40.0, 0.0, 1.2);	( -200.0, 30.0, 0.0, 1.2);
( -200.0, 25.0, 0.0, 1.2);	( -200.0, 20.0, 0.0, 1.2);
( -200.0, 17.0, 0.0, 1.2);	( -200.0, 15.0, 0.0, 1.2);
( -200.0, 13.0, 0.0, 1.2);	( -200.0, 11.0, 0.0, 1.2);
( -200.0, 9.0, 0.0, 1.2);	( -200.0, -9.0, 0.0, 1.2);
( -200.0, -11.0, 0.0, 1.2);	( -200.0, -13.0, 0.0, 1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( -200.0,	-15.0,	0.0,	1.2);	( -200.0,	-17.0,	0.0,	1.2);
( -200.0,	-20.0,	0.0,	1.2);	( -200.0,	-25.0,	0.0,	1.2);
( -200.0,	-30.0,	0.0,	1.2);	( -200.0,	-40.0,	0.0,	1.2);
( -200.0,	-50.0,	0.0,	1.2);	( -200.0,	-60.0,	0.0,	1.2);
( -200.0,	-70.0,	0.0,	1.2);	( -200.0,	-80.0,	0.0,	1.2);
( -200.0,	-90.0,	0.0,	1.2);	( -200.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 6

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -190.0,	100.0,	0.0,	1.2);	( -190.0,	90.0,	0.0,	1.2);
( -190.0,	80.0,	0.0,	1.2);	( -190.0,	70.0,	0.0,	1.2);
( -190.0,	60.0,	0.0,	1.2);	( -190.0,	50.0,	0.0,	1.2);
( -190.0,	40.0,	0.0,	1.2);	( -190.0,	30.0,	0.0,	1.2);
( -190.0,	25.0,	0.0,	1.2);	( -190.0,	20.0,	0.0,	1.2);
( -190.0,	17.0,	0.0,	1.2);	( -190.0,	15.0,	0.0,	1.2);
( -190.0,	13.0,	0.0,	1.2);	( -190.0,	11.0,	0.0,	1.2);
( -190.0,	9.0,	0.0,	1.2);	( -190.0,	-9.0,	0.0,	1.2);
( -190.0,	-11.0,	0.0,	1.2);	( -190.0,	-13.0,	0.0,	1.2);
( -190.0,	-15.0,	0.0,	1.2);	( -190.0,	-17.0,	0.0,	1.2);
( -190.0,	-20.0,	0.0,	1.2);	( -190.0,	-25.0,	0.0,	1.2);
( -190.0,	-30.0,	0.0,	1.2);	( -190.0,	-40.0,	0.0,	1.2);
( -190.0,	-50.0,	0.0,	1.2);	( -190.0,	-60.0,	0.0,	1.2);
( -190.0,	-70.0,	0.0,	1.2);	( -190.0,	-80.0,	0.0,	1.2);
( -190.0,	-90.0,	0.0,	1.2);	( -190.0,	-100.0,	0.0,	1.2);
( -180.0,	100.0,	0.0,	1.2);	( -180.0,	90.0,	0.0,	1.2);
( -180.0,	80.0,	0.0,	1.2);	( -180.0,	70.0,	0.0,	1.2);
( -180.0,	60.0,	0.0,	1.2);	( -180.0,	50.0,	0.0,	1.2);
( -180.0,	40.0,	0.0,	1.2);	( -180.0,	30.0,	0.0,	1.2);
( -180.0,	25.0,	0.0,	1.2);	( -180.0,	20.0,	0.0,	1.2);
( -180.0,	17.0,	0.0,	1.2);	( -180.0,	15.0,	0.0,	1.2);
( -180.0,	13.0,	0.0,	1.2);	( -180.0,	11.0,	0.0,	1.2);
( -180.0,	9.0,	0.0,	1.2);	( -180.0,	-9.0,	0.0,	1.2);
( -180.0,	-11.0,	0.0,	1.2);	( -180.0,	-13.0,	0.0,	1.2);
( -180.0,	-15.0,	0.0,	1.2);	( -180.0,	-17.0,	0.0,	1.2);
( -180.0,	-20.0,	0.0,	1.2);	( -180.0,	-25.0,	0.0,	1.2);
( -180.0,	-30.0,	0.0,	1.2);	( -180.0,	-40.0,	0.0,	1.2);
( -180.0,	-50.0,	0.0,	1.2);	( -180.0,	-60.0,	0.0,	1.2);
( -180.0,	-70.0,	0.0,	1.2);	( -180.0,	-80.0,	0.0,	1.2);
( -180.0,	-90.0,	0.0,	1.2);	( -180.0,	-100.0,	0.0,	1.2);
( -170.0,	100.0,	0.0,	1.2);	( -170.0,	90.0,	0.0,	1.2);



08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound

( -170.0,	80.0,	0.0,	1.2);	( -170.0,	70.0,	0.0,	1.2);
( -170.0,	60.0,	0.0,	1.2);	( -170.0,	50.0,	0.0,	1.2);
( -170.0,	40.0,	0.0,	1.2);	( -170.0,	30.0,	0.0,	1.2);
( -170.0,	25.0,	0.0,	1.2);	( -170.0,	20.0,	0.0,	1.2);
( -170.0,	17.0,	0.0,	1.2);	( -170.0,	15.0,	0.0,	1.2);
( -170.0,	13.0,	0.0,	1.2);	( -170.0,	11.0,	0.0,	1.2);
( -170.0,	9.0,	0.0,	1.2);	( -170.0,	-9.0,	0.0,	1.2);
( -170.0,	-11.0,	0.0,	1.2);	( -170.0,	-13.0,	0.0,	1.2);
( -170.0,	-15.0,	0.0,	1.2);	( -170.0,	-17.0,	0.0,	1.2);
( -170.0,	-20.0,	0.0,	1.2);	( -170.0,	-25.0,	0.0,	1.2);
( -170.0,	-30.0,	0.0,	1.2);	( -170.0,	-40.0,	0.0,	1.2);
( -170.0,	-50.0,	0.0,	1.2);	( -170.0,	-60.0,	0.0,	1.2);
( -170.0,	-70.0,	0.0,	1.2);	( -170.0,	-80.0,	0.0,	1.2);
( -170.0,	-90.0,	0.0,	1.2);	( -170.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -160.0,	100.0,	0.0,	1.2);	( -160.0,	90.0,	0.0,	1.2);
( -160.0,	80.0,	0.0,	1.2);	( -160.0,	70.0,	0.0,	1.2);
( -160.0,	60.0,	0.0,	1.2);	( -160.0,	50.0,	0.0,	1.2);
( -160.0,	40.0,	0.0,	1.2);	( -160.0,	30.0,	0.0,	1.2);
( -160.0,	25.0,	0.0,	1.2);	( -160.0,	20.0,	0.0,	1.2);
( -160.0,	17.0,	0.0,	1.2);	( -160.0,	15.0,	0.0,	1.2);
( -160.0,	13.0,	0.0,	1.2);	( -160.0,	11.0,	0.0,	1.2);
( -160.0,	9.0,	0.0,	1.2);	( -160.0,	-9.0,	0.0,	1.2);
( -160.0,	-11.0,	0.0,	1.2);	( -160.0,	-13.0,	0.0,	1.2);
( -160.0,	-15.0,	0.0,	1.2);	( -160.0,	-17.0,	0.0,	1.2);
( -160.0,	-20.0,	0.0,	1.2);	( -160.0,	-25.0,	0.0,	1.2);
( -160.0,	-30.0,	0.0,	1.2);	( -160.0,	-40.0,	0.0,	1.2);
( -160.0,	-50.0,	0.0,	1.2);	( -160.0,	-60.0,	0.0,	1.2);
( -160.0,	-70.0,	0.0,	1.2);	( -160.0,	-80.0,	0.0,	1.2);
( -160.0,	-90.0,	0.0,	1.2);	( -160.0,	-100.0,	0.0,	1.2);
( -150.0,	100.0,	0.0,	1.2);	( -150.0,	90.0,	0.0,	1.2);
( -150.0,	80.0,	0.0,	1.2);	( -150.0,	70.0,	0.0,	1.2);
( -150.0,	60.0,	0.0,	1.2);	( -150.0,	50.0,	0.0,	1.2);
( -150.0,	40.0,	0.0,	1.2);	( -150.0,	30.0,	0.0,	1.2);
( -150.0,	25.0,	0.0,	1.2);	( -150.0,	20.0,	0.0,	1.2);
( -150.0,	17.0,	0.0,	1.2);	( -150.0,	15.0,	0.0,	1.2);
( -150.0,	13.0,	0.0,	1.2);	( -150.0,	11.0,	0.0,	1.2);
( -150.0,	9.0,	0.0,	1.2);	( -150.0,	-9.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound

( -150.0,	-11.0,	0.0,	1.2);	( -150.0,	-13.0,	0.0,	1.2);
( -150.0,	-15.0,	0.0,	1.2);	( -150.0,	-17.0,	0.0,	1.2);
( -150.0,	-20.0,	0.0,	1.2);	( -150.0,	-25.0,	0.0,	1.2);
( -150.0,	-30.0,	0.0,	1.2);	( -150.0,	-40.0,	0.0,	1.2);
( -150.0,	-50.0,	0.0,	1.2);	( -150.0,	-60.0,	0.0,	1.2);
( -150.0,	-70.0,	0.0,	1.2);	( -150.0,	-80.0,	0.0,	1.2);
( -150.0,	-90.0,	0.0,	1.2);	( -150.0,	-100.0,	0.0,	1.2);
( -140.0,	100.0,	0.0,	1.2);	( -140.0,	90.0,	0.0,	1.2);
( -140.0,	80.0,	0.0,	1.2);	( -140.0,	70.0,	0.0,	1.2);
( -140.0,	60.0,	0.0,	1.2);	( -140.0,	50.0,	0.0,	1.2);
( -140.0,	40.0,	0.0,	1.2);	( -140.0,	30.0,	0.0,	1.2);
( -140.0,	25.0,	0.0,	1.2);	( -140.0,	20.0,	0.0,	1.2);
( -140.0,	17.0,	0.0,	1.2);	( -140.0,	15.0,	0.0,	1.2);
( -140.0,	13.0,	0.0,	1.2);	( -140.0,	11.0,	0.0,	1.2);
( -140.0,	9.0,	0.0,	1.2);	( -140.0,	-9.0,	0.0,	1.2);
( -140.0,	-11.0,	0.0,	1.2);	( -140.0,	-13.0,	0.0,	1.2);
( -140.0,	-15.0,	0.0,	1.2);	( -140.0,	-17.0,	0.0,	1.2);
( -140.0,	-20.0,	0.0,	1.2);	( -140.0,	-25.0,	0.0,	1.2);
( -140.0,	-30.0,	0.0,	1.2);	( -140.0,	-40.0,	0.0,	1.2);
( -140.0,	-50.0,	0.0,	1.2);	( -140.0,	-60.0,	0.0,	1.2);
( -140.0,	-70.0,	0.0,	1.2);	( -140.0,	-80.0,	0.0,	1.2);
( -140.0,	-90.0,	0.0,	1.2);	( -140.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -130.0,	100.0,	0.0,	1.2);	( -130.0,	90.0,	0.0,	1.2);
( -130.0,	80.0,	0.0,	1.2);	( -130.0,	70.0,	0.0,	1.2);
( -130.0,	60.0,	0.0,	1.2);	( -130.0,	50.0,	0.0,	1.2);
( -130.0,	40.0,	0.0,	1.2);	( -130.0,	30.0,	0.0,	1.2);
( -130.0,	25.0,	0.0,	1.2);	( -130.0,	20.0,	0.0,	1.2);
( -130.0,	17.0,	0.0,	1.2);	( -130.0,	15.0,	0.0,	1.2);
( -130.0,	13.0,	0.0,	1.2);	( -130.0,	11.0,	0.0,	1.2);
( -130.0,	9.0,	0.0,	1.2);	( -130.0,	-9.0,	0.0,	1.2);
( -130.0,	-11.0,	0.0,	1.2);	( -130.0,	-13.0,	0.0,	1.2);
( -130.0,	-15.0,	0.0,	1.2);	( -130.0,	-17.0,	0.0,	1.2);
( -130.0,	-20.0,	0.0,	1.2);	( -130.0,	-25.0,	0.0,	1.2);
( -130.0,	-30.0,	0.0,	1.2);	( -130.0,	-40.0,	0.0,	1.2);
( -130.0,	-50.0,	0.0,	1.2);	( -130.0,	-60.0,	0.0,	1.2);
( -130.0,	-70.0,	0.0,	1.2);	( -130.0,	-80.0,	0.0,	1.2);
( -130.0,	-90.0,	0.0,	1.2);	( -130.0,	-100.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound

```
( -120.0, 100.0, 0.0, 1.2); ( -120.0, 90.0, 0.0, 1.2);
( -120.0, 80.0, 0.0, 1.2); ( -120.0, 70.0, 0.0, 1.2);
( -120.0, 60.0, 0.0, 1.2); ( -120.0, 50.0, 0.0, 1.2);
( -120.0, 40.0, 0.0, 1.2); ( -120.0, 30.0, 0.0, 1.2);
( -120.0, 25.0, 0.0, 1.2); ( -120.0, 20.0, 0.0, 1.2);
( -120.0, 17.0, 0.0, 1.2); ( -120.0, 15.0, 0.0, 1.2);
( -120.0, 13.0, 0.0, 1.2); ( -120.0, 11.0, 0.0, 1.2);
( -120.0, 9.0, 0.0, 1.2); ( -120.0, -9.0, 0.0, 1.2);
( -120.0, -11.0, 0.0, 1.2); ( -120.0, -13.0, 0.0, 1.2);
( -120.0, -15.0, 0.0, 1.2); ( -120.0, -17.0, 0.0, 1.2);
( -120.0, -20.0, 0.0, 1.2); ( -120.0, -25.0, 0.0, 1.2);
( -120.0, -30.0, 0.0, 1.2); ( -120.0, -40.0, 0.0, 1.2);
( -120.0, -50.0, 0.0, 1.2); ( -120.0, -60.0, 0.0, 1.2);
( -120.0, -70.0, 0.0, 1.2); ( -120.0, -80.0, 0.0, 1.2);
( -120.0, -90.0, 0.0, 1.2); ( -120.0, -100.0, 0.0, 1.2);
( -110.0, 100.0, 0.0, 1.2); ( -110.0, 90.0, 0.0, 1.2);
( -110.0, 80.0, 0.0, 1.2); ( -110.0, 70.0, 0.0, 1.2);
( -110.0, 60.0, 0.0, 1.2); ( -110.0, 50.0, 0.0, 1.2);
( -110.0, 40.0, 0.0, 1.2); ( -110.0, 30.0, 0.0, 1.2);
( -110.0, 25.0, 0.0, 1.2); ( -110.0, 20.0, 0.0, 1.2);
( -110.0, 17.0, 0.0, 1.2); ( -110.0, 15.0, 0.0, 1.2);
( -110.0, 13.0, 0.0, 1.2); ( -110.0, 11.0, 0.0, 1.2);
( -110.0, 9.0, 0.0, 1.2); ( -110.0, -9.0, 0.0, 1.2);
( -110.0, -11.0, 0.0, 1.2); ( -110.0, -13.0, 0.0, 1.2);
( -110.0, -15.0, 0.0, 1.2); ( -110.0, -17.0, 0.0, 1.2);
( -110.0, -20.0, 0.0, 1.2); ( -110.0, -25.0, 0.0, 1.2);
( -110.0, -30.0, 0.0, 1.2); ( -110.0, -40.0, 0.0, 1.2);
( -110.0, -50.0, 0.0, 1.2); ( -110.0, -60.0, 0.0, 1.2);
( -110.0, -70.0, 0.0, 1.2); ( -110.0, -80.0, 0.0, 1.2);
( -110.0, -90.0, 0.0, 1.2); ( -110.0, -100.0, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

```
( -100.0, 100.0, 0.0, 1.2); ( -100.0, 90.0, 0.0, 1.2);
( -100.0, 80.0, 0.0, 1.2); ( -100.0, 70.0, 0.0, 1.2);
( -100.0, 60.0, 0.0, 1.2); ( -100.0, 50.0, 0.0, 1.2);
( -100.0, 40.0, 0.0, 1.2); ( -100.0, 30.0, 0.0, 1.2);
( -100.0, 25.0, 0.0, 1.2); ( -100.0, 20.0, 0.0, 1.2);
( -100.0, 17.0, 0.0, 1.2); ( -100.0, 15.0, 0.0, 1.2);
( -100.0, 13.0, 0.0, 1.2); ( -100.0, 11.0, 0.0, 1.2);
```

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( -100.0,	9.0,	0.0,	1.2);	( -100.0,	-9.0,	0.0,	1.2);
( -100.0,	-11.0,	0.0,	1.2);	( -100.0,	-13.0,	0.0,	1.2);
( -100.0,	-15.0,	0.0,	1.2);	( -100.0,	-17.0,	0.0,	1.2);
( -100.0,	-20.0,	0.0,	1.2);	( -100.0,	-25.0,	0.0,	1.2);
( -100.0,	-30.0,	0.0,	1.2);	( -100.0,	-40.0,	0.0,	1.2);
( -100.0,	-50.0,	0.0,	1.2);	( -100.0,	-60.0,	0.0,	1.2);
( -100.0,	-70.0,	0.0,	1.2);	( -100.0,	-80.0,	0.0,	1.2);
( -100.0,	-90.0,	0.0,	1.2);	( -100.0,	-100.0,	0.0,	1.2);
( -90.0,	100.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -90.0,	80.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -90.0,	60.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -90.0,	40.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -90.0,	25.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -90.0,	17.0,	0.0,	1.2);	( -90.0,	15.0,	0.0,	1.2);
( -90.0,	13.0,	0.0,	1.2);	( -90.0,	11.0,	0.0,	1.2);
( -90.0,	9.0,	0.0,	1.2);	( -90.0,	-9.0,	0.0,	1.2);
( -90.0,	-11.0,	0.0,	1.2);	( -90.0,	-13.0,	0.0,	1.2);
( -90.0,	-15.0,	0.0,	1.2);	( -90.0,	-17.0,	0.0,	1.2);
( -90.0,	-20.0,	0.0,	1.2);	( -90.0,	-25.0,	0.0,	1.2);
( -90.0,	-30.0,	0.0,	1.2);	( -90.0,	-40.0,	0.0,	1.2);
( -90.0,	-50.0,	0.0,	1.2);	( -90.0,	-60.0,	0.0,	1.2);
( -90.0,	-70.0,	0.0,	1.2);	( -90.0,	-80.0,	0.0,	1.2);
( -90.0,	-90.0,	0.0,	1.2);	( -90.0,	-100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -80.0,	90.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -80.0,	70.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -80.0,	50.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -80.0,	30.0,	0.0,	1.2);
( -80.0,	25.0,	0.0,	1.2);	( -80.0,	20.0,	0.0,	1.2);
( -80.0,	17.0,	0.0,	1.2);	( -80.0,	15.0,	0.0,	1.2);
( -80.0,	13.0,	0.0,	1.2);	( -80.0,	11.0,	0.0,	1.2);
( -80.0,	9.0,	0.0,	1.2);	( -80.0,	-9.0,	0.0,	1.2);
( -80.0,	-11.0,	0.0,	1.2);	( -80.0,	-13.0,	0.0,	1.2);
( -80.0,	-15.0,	0.0,	1.2);	( -80.0,	-17.0,	0.0,	1.2);
( -80.0,	-20.0,	0.0,	1.2);	( -80.0,	-25.0,	0.0,	1.2);
( -80.0,	-30.0,	0.0,	1.2);	( -80.0,	-40.0,	0.0,	1.2);
( -80.0,	-50.0,	0.0,	1.2);	( -80.0,	-60.0,	0.0,	1.2);
( -80.0,	-70.0,	0.0,	1.2);	( -80.0,	-80.0,	0.0,	1.2);
( -80.0,	-90.0,	0.0,	1.2);	( -80.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

( -70.0, 100.0, 0.0, 1.2);	( -70.0, 90.0, 0.0, 1.2);
( -70.0, 80.0, 0.0, 1.2);	( -70.0, 70.0, 0.0, 1.2);
( -70.0, 60.0, 0.0, 1.2);	( -70.0, 50.0, 0.0, 1.2);
( -70.0, 40.0, 0.0, 1.2);	( -70.0, 30.0, 0.0, 1.2);
( -70.0, 25.0, 0.0, 1.2);	( -70.0, 20.0, 0.0, 1.2);
( -70.0, 17.0, 0.0, 1.2);	( -70.0, 15.0, 0.0, 1.2);
( -70.0, 13.0, 0.0, 1.2);	( -70.0, 11.0, 0.0, 1.2);
( -70.0, 9.0, 0.0, 1.2);	( -70.0, -9.0, 0.0, 1.2);
( -70.0, -11.0, 0.0, 1.2);	( -70.0, -13.0, 0.0, 1.2);
( -70.0, -15.0, 0.0, 1.2);	( -70.0, -17.0, 0.0, 1.2);
( -70.0, -20.0, 0.0, 1.2);	( -70.0, -25.0, 0.0, 1.2);
( -70.0, -30.0, 0.0, 1.2);	( -70.0, -40.0, 0.0, 1.2);
( -70.0, -50.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -70.0, -70.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -70.0, -90.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, 100.0, 0.0, 1.2);	( -60.0, 90.0, 0.0, 1.2);
( -60.0, 80.0, 0.0, 1.2);	( -60.0, 70.0, 0.0, 1.2);
( -60.0, 60.0, 0.0, 1.2);	( -60.0, 50.0, 0.0, 1.2);
( -60.0, 40.0, 0.0, 1.2);	( -60.0, 30.0, 0.0, 1.2);
( -60.0, 25.0, 0.0, 1.2);	( -60.0, 20.0, 0.0, 1.2);
( -60.0, 17.0, 0.0, 1.2);	( -60.0, 15.0, 0.0, 1.2);
( -60.0, 13.0, 0.0, 1.2);	( -60.0, 11.0, 0.0, 1.2);
( -60.0, 9.0, 0.0, 1.2);	( -60.0, -9.0, 0.0, 1.2);
( -60.0, -11.0, 0.0, 1.2);	( -60.0, -13.0, 0.0, 1.2);
( -60.0, -15.0, 0.0, 1.2);	( -60.0, -17.0, 0.0, 1.2);
( -60.0, -20.0, 0.0, 1.2);	( -60.0, -25.0, 0.0, 1.2);
( -60.0, -30.0, 0.0, 1.2);	( -60.0, -40.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -60.0, -60.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -60.0, -80.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -60.0, -100.0, 0.0, 1.2);
( -50.0, 100.0, 0.0, 1.2);	( -50.0, 90.0, 0.0, 1.2);
( -50.0, 80.0, 0.0, 1.2);	( -50.0, 70.0, 0.0, 1.2);
( -50.0, 60.0, 0.0, 1.2);	( -50.0, 50.0, 0.0, 1.2);
( -50.0, 40.0, 0.0, 1.2);	( -50.0, 30.0, 0.0, 1.2);
( -50.0, 25.0, 0.0, 1.2);	( -50.0, 20.0, 0.0, 1.2);
( -50.0, 17.0, 0.0, 1.2);	( -50.0, 15.0, 0.0, 1.2);
( -50.0, 13.0, 0.0, 1.2);	( -50.0, 11.0, 0.0, 1.2);
( -50.0, 9.0, 0.0, 1.2);	( -50.0, -9.0, 0.0, 1.2);
( -50.0, -11.0, 0.0, 1.2);	( -50.0, -13.0, 0.0, 1.2);
( -50.0, -15.0, 0.0, 1.2);	( -50.0, -17.0, 0.0, 1.2);
( -50.0, -20.0, 0.0, 1.2);	( -50.0, -25.0, 0.0, 1.2);
( -50.0, -30.0, 0.0, 1.2);	( -50.0, -40.0, 0.0, 1.2);
( -50.0, -50.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( -50.0, -70.0, 0.0, 1.2); ( -50.0, -80.0, 0.0, 1.2);  
( -50.0, -90.0, 0.0, 1.2); ( -50.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -40.0, 100.0, 0.0, 1.2); ( -40.0, 90.0, 0.0, 1.2);  
( -40.0, 80.0, 0.0, 1.2); ( -40.0, 70.0, 0.0, 1.2);  
( -40.0, 60.0, 0.0, 1.2); ( -40.0, 50.0, 0.0, 1.2);  
( -40.0, 40.0, 0.0, 1.2); ( -40.0, 30.0, 0.0, 1.2);  
( -40.0, 25.0, 0.0, 1.2); ( -40.0, 20.0, 0.0, 1.2);  
( -40.0, 17.0, 0.0, 1.2); ( -40.0, 15.0, 0.0, 1.2);  
( -40.0, 13.0, 0.0, 1.2); ( -40.0, 11.0, 0.0, 1.2);  
( -40.0, 9.0, 0.0, 1.2); ( -40.0, -9.0, 0.0, 1.2);  
( -40.0, -11.0, 0.0, 1.2); ( -40.0, -13.0, 0.0, 1.2);  
( -40.0, -15.0, 0.0, 1.2); ( -40.0, -17.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -40.0, -25.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -40.0, -40.0, 0.0, 1.2);  
( -40.0, -50.0, 0.0, 1.2); ( -40.0, -60.0, 0.0, 1.2);  
( -40.0, -70.0, 0.0, 1.2); ( -40.0, -80.0, 0.0, 1.2);  
( -40.0, -90.0, 0.0, 1.2); ( -40.0, -100.0, 0.0, 1.2);  
( -30.0, 100.0, 0.0, 1.2); ( -30.0, 90.0, 0.0, 1.2);  
( -30.0, 80.0, 0.0, 1.2); ( -30.0, 70.0, 0.0, 1.2);  
( -30.0, 60.0, 0.0, 1.2); ( -30.0, 50.0, 0.0, 1.2);  
( -30.0, 40.0, 0.0, 1.2); ( -30.0, 30.0, 0.0, 1.2);  
( -30.0, 25.0, 0.0, 1.2); ( -30.0, 20.0, 0.0, 1.2);  
( -30.0, 17.0, 0.0, 1.2); ( -30.0, 15.0, 0.0, 1.2);  
( -30.0, 13.0, 0.0, 1.2); ( -30.0, 11.0, 0.0, 1.2);  
( -30.0, 9.0, 0.0, 1.2); ( -30.0, -9.0, 0.0, 1.2);  
( -30.0, -11.0, 0.0, 1.2); ( -30.0, -13.0, 0.0, 1.2);  
( -30.0, -15.0, 0.0, 1.2); ( -30.0, -17.0, 0.0, 1.2);  
( -30.0, -20.0, 0.0, 1.2); ( -30.0, -25.0, 0.0, 1.2);  
( -30.0, -30.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -30.0, -50.0, 0.0, 1.2); ( -30.0, -60.0, 0.0, 1.2);  
( -30.0, -70.0, 0.0, 1.2); ( -30.0, -80.0, 0.0, 1.2);  
( -30.0, -90.0, 0.0, 1.2); ( -30.0, -100.0, 0.0, 1.2);  
( -20.0, 100.0, 0.0, 1.2); ( -20.0, 90.0, 0.0, 1.2);  
( -20.0, 80.0, 0.0, 1.2); ( -20.0, 70.0, 0.0, 1.2);  
( -20.0, 60.0, 0.0, 1.2); ( -20.0, 50.0, 0.0, 1.2);  
( -20.0, 40.0, 0.0, 1.2); ( -20.0, 30.0, 0.0, 1.2);  
( -20.0, 25.0, 0.0, 1.2); ( -20.0, 20.0, 0.0, 1.2);



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 0.0, -50.0, 0.0, 1.2);	( 0.0, -60.0, 0.0, 1.2);
( 0.0, -70.0, 0.0, 1.2);	( 0.0, -80.0, 0.0, 1.2);
( 0.0, -90.0, 0.0, 1.2);	( 0.0, -100.0, 0.0, 1.2);
( 10.0, 100.0, 0.0, 1.2);	( 10.0, 90.0, 0.0, 1.2);
( 10.0, 80.0, 0.0, 1.2);	( 10.0, 70.0, 0.0, 1.2);
( 10.0, 60.0, 0.0, 1.2);	( 10.0, 50.0, 0.0, 1.2);
( 10.0, 40.0, 0.0, 1.2);	( 10.0, 30.0, 0.0, 1.2);
( 10.0, 25.0, 0.0, 1.2);	( 10.0, 20.0, 0.0, 1.2);
( 10.0, 17.0, 0.0, 1.2);	( 10.0, 15.0, 0.0, 1.2);
( 10.0, 13.0, 0.0, 1.2);	( 10.0, 11.0, 0.0, 1.2);
( 10.0, 9.0, 0.0, 1.2);	( 10.0, -9.0, 0.0, 1.2);
( 10.0, -11.0, 0.0, 1.2);	( 10.0, -13.0, 0.0, 1.2);
( 10.0, -15.0, 0.0, 1.2);	( 10.0, -17.0, 0.0, 1.2);
( 10.0, -20.0, 0.0, 1.2);	( 10.0, -25.0, 0.0, 1.2);
( 10.0, -30.0, 0.0, 1.2);	( 10.0, -40.0, 0.0, 1.2);
( 10.0, -50.0, 0.0, 1.2);	( 10.0, -60.0, 0.0, 1.2);
( 10.0, -70.0, 0.0, 1.2);	( 10.0, -80.0, 0.0, 1.2);
( 10.0, -90.0, 0.0, 1.2);	( 10.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 20.0, 100.0, 0.0, 1.2);	( 20.0, 90.0, 0.0, 1.2);
( 20.0, 80.0, 0.0, 1.2);	( 20.0, 70.0, 0.0, 1.2);
( 20.0, 60.0, 0.0, 1.2);	( 20.0, 50.0, 0.0, 1.2);
( 20.0, 40.0, 0.0, 1.2);	( 20.0, 30.0, 0.0, 1.2);
( 20.0, 25.0, 0.0, 1.2);	( 20.0, 20.0, 0.0, 1.2);
( 20.0, 17.0, 0.0, 1.2);	( 20.0, 15.0, 0.0, 1.2);
( 20.0, 13.0, 0.0, 1.2);	( 20.0, 11.0, 0.0, 1.2);
( 20.0, 9.0, 0.0, 1.2);	( 20.0, -9.0, 0.0, 1.2);
( 20.0, -11.0, 0.0, 1.2);	( 20.0, -13.0, 0.0, 1.2);
( 20.0, -15.0, 0.0, 1.2);	( 20.0, -17.0, 0.0, 1.2);
( 20.0, -20.0, 0.0, 1.2);	( 20.0, -25.0, 0.0, 1.2);
( 20.0, -30.0, 0.0, 1.2);	( 20.0, -40.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 20.0, -60.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 20.0, -80.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 20.0, -100.0, 0.0, 1.2);
( 30.0, 100.0, 0.0, 1.2);	( 30.0, 90.0, 0.0, 1.2);
( 30.0, 80.0, 0.0, 1.2);	( 30.0, 70.0, 0.0, 1.2);
( 30.0, 60.0, 0.0, 1.2);	( 30.0, 50.0, 0.0, 1.2);
( 30.0, 40.0, 0.0, 1.2);	( 30.0, 30.0, 0.0, 1.2);



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);
( 30.0, 17.0, 0.0, 1.2);	( 30.0, 15.0, 0.0, 1.2);
( 30.0, 13.0, 0.0, 1.2);	( 30.0, 11.0, 0.0, 1.2);
( 30.0, 9.0, 0.0, 1.2);	( 30.0, -9.0, 0.0, 1.2);
( 30.0, -11.0, 0.0, 1.2);	( 30.0, -13.0, 0.0, 1.2);
( 30.0, -15.0, 0.0, 1.2);	( 30.0, -17.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2);	( 30.0, -25.0, 0.0, 1.2);
( 30.0, -30.0, 0.0, 1.2);	( 30.0, -40.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 30.0, -60.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 30.0, -80.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 30.0, -100.0, 0.0, 1.2);
( 40.0, 100.0, 0.0, 1.2);	( 40.0, 90.0, 0.0, 1.2);
( 40.0, 80.0, 0.0, 1.2);	( 40.0, 70.0, 0.0, 1.2);
( 40.0, 60.0, 0.0, 1.2);	( 40.0, 50.0, 0.0, 1.2);
( 40.0, 40.0, 0.0, 1.2);	( 40.0, 30.0, 0.0, 1.2);
( 40.0, 25.0, 0.0, 1.2);	( 40.0, 20.0, 0.0, 1.2);
( 40.0, 17.0, 0.0, 1.2);	( 40.0, 15.0, 0.0, 1.2);
( 40.0, 13.0, 0.0, 1.2);	( 40.0, 11.0, 0.0, 1.2);
( 40.0, 9.0, 0.0, 1.2);	( 40.0, -9.0, 0.0, 1.2);
( 40.0, -11.0, 0.0, 1.2);	( 40.0, -13.0, 0.0, 1.2);
( 40.0, -15.0, 0.0, 1.2);	( 40.0, -17.0, 0.0, 1.2);
( 40.0, -20.0, 0.0, 1.2);	( 40.0, -25.0, 0.0, 1.2);
( 40.0, -30.0, 0.0, 1.2);	( 40.0, -40.0, 0.0, 1.2);
( 40.0, -50.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 40.0, -70.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 40.0, -90.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 50.0, 100.0, 0.0, 1.2);	( 50.0, 90.0, 0.0, 1.2);
( 50.0, 80.0, 0.0, 1.2);	( 50.0, 70.0, 0.0, 1.2);
( 50.0, 60.0, 0.0, 1.2);	( 50.0, 50.0, 0.0, 1.2);
( 50.0, 40.0, 0.0, 1.2);	( 50.0, 30.0, 0.0, 1.2);
( 50.0, 25.0, 0.0, 1.2);	( 50.0, 20.0, 0.0, 1.2);
( 50.0, 17.0, 0.0, 1.2);	( 50.0, 15.0, 0.0, 1.2);
( 50.0, 13.0, 0.0, 1.2);	( 50.0, 11.0, 0.0, 1.2);
( 50.0, 9.0, 0.0, 1.2);	( 50.0, -9.0, 0.0, 1.2);
( 50.0, -11.0, 0.0, 1.2);	( 50.0, -13.0, 0.0, 1.2);
( 50.0, -15.0, 0.0, 1.2);	( 50.0, -17.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2);	( 50.0, -25.0, 0.0, 1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 50.0, -60.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 50.0, -80.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 50.0, -100.0, 0.0, 1.2);
( 60.0, 100.0, 0.0, 1.2);	( 60.0, 90.0, 0.0, 1.2);
( 60.0, 80.0, 0.0, 1.2);	( 60.0, 70.0, 0.0, 1.2);
( 60.0, 60.0, 0.0, 1.2);	( 60.0, 50.0, 0.0, 1.2);
( 60.0, 40.0, 0.0, 1.2);	( 60.0, 30.0, 0.0, 1.2);
( 60.0, 25.0, 0.0, 1.2);	( 60.0, 20.0, 0.0, 1.2);
( 60.0, 17.0, 0.0, 1.2);	( 60.0, 15.0, 0.0, 1.2);
( 60.0, 13.0, 0.0, 1.2);	( 60.0, 11.0, 0.0, 1.2);
( 60.0, 9.0, 0.0, 1.2);	( 60.0, -9.0, 0.0, 1.2);
( 60.0, -11.0, 0.0, 1.2);	( 60.0, -13.0, 0.0, 1.2);
( 60.0, -15.0, 0.0, 1.2);	( 60.0, -17.0, 0.0, 1.2);
( 60.0, -20.0, 0.0, 1.2);	( 60.0, -25.0, 0.0, 1.2);
( 60.0, -30.0, 0.0, 1.2);	( 60.0, -40.0, 0.0, 1.2);
( 60.0, -50.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 60.0, -70.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 60.0, -90.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, 100.0, 0.0, 1.2);	( 70.0, 90.0, 0.0, 1.2);
( 70.0, 80.0, 0.0, 1.2);	( 70.0, 70.0, 0.0, 1.2);
( 70.0, 60.0, 0.0, 1.2);	( 70.0, 50.0, 0.0, 1.2);
( 70.0, 40.0, 0.0, 1.2);	( 70.0, 30.0, 0.0, 1.2);
( 70.0, 25.0, 0.0, 1.2);	( 70.0, 20.0, 0.0, 1.2);
( 70.0, 17.0, 0.0, 1.2);	( 70.0, 15.0, 0.0, 1.2);
( 70.0, 13.0, 0.0, 1.2);	( 70.0, 11.0, 0.0, 1.2);
( 70.0, 9.0, 0.0, 1.2);	( 70.0, -9.0, 0.0, 1.2);
( 70.0, -11.0, 0.0, 1.2);	( 70.0, -13.0, 0.0, 1.2);
( 70.0, -15.0, 0.0, 1.2);	( 70.0, -17.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2);	( 70.0, -25.0, 0.0, 1.2);
( 70.0, -30.0, 0.0, 1.2);	( 70.0, -40.0, 0.0, 1.2);
( 70.0, -50.0, 0.0, 1.2);	( 70.0, -60.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 70.0, -80.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 70.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 80.0, 100.0, 0.0, 1.2);	( 80.0, 90.0, 0.0, 1.2);
( 80.0, 80.0, 0.0, 1.2);	( 80.0, 70.0, 0.0, 1.2);
( 80.0, 60.0, 0.0, 1.2);	( 80.0, 50.0, 0.0, 1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 80.0, 40.0, 0.0, 1.2);	( 80.0, 30.0, 0.0, 1.2);
( 80.0, 25.0, 0.0, 1.2);	( 80.0, 20.0, 0.0, 1.2);
( 80.0, 17.0, 0.0, 1.2);	( 80.0, 15.0, 0.0, 1.2);
( 80.0, 13.0, 0.0, 1.2);	( 80.0, 11.0, 0.0, 1.2);
( 80.0, 9.0, 0.0, 1.2);	( 80.0, -9.0, 0.0, 1.2);
( 80.0, -11.0, 0.0, 1.2);	( 80.0, -13.0, 0.0, 1.2);
( 80.0, -15.0, 0.0, 1.2);	( 80.0, -17.0, 0.0, 1.2);
( 80.0, -20.0, 0.0, 1.2);	( 80.0, -25.0, 0.0, 1.2);
( 80.0, -30.0, 0.0, 1.2);	( 80.0, -40.0, 0.0, 1.2);
( 80.0, -50.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 80.0, -70.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 80.0, -90.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, 100.0, 0.0, 1.2);	( 90.0, 90.0, 0.0, 1.2);
( 90.0, 80.0, 0.0, 1.2);	( 90.0, 70.0, 0.0, 1.2);
( 90.0, 60.0, 0.0, 1.2);	( 90.0, 50.0, 0.0, 1.2);
( 90.0, 40.0, 0.0, 1.2);	( 90.0, 30.0, 0.0, 1.2);
( 90.0, 25.0, 0.0, 1.2);	( 90.0, 20.0, 0.0, 1.2);
( 90.0, 17.0, 0.0, 1.2);	( 90.0, 15.0, 0.0, 1.2);
( 90.0, 13.0, 0.0, 1.2);	( 90.0, 11.0, 0.0, 1.2);
( 90.0, 9.0, 0.0, 1.2);	( 90.0, -9.0, 0.0, 1.2);
( 90.0, -11.0, 0.0, 1.2);	( 90.0, -13.0, 0.0, 1.2);
( 90.0, -15.0, 0.0, 1.2);	( 90.0, -17.0, 0.0, 1.2);
( 90.0, -20.0, 0.0, 1.2);	( 90.0, -25.0, 0.0, 1.2);
( 90.0, -30.0, 0.0, 1.2);	( 90.0, -40.0, 0.0, 1.2);
( 90.0, -50.0, 0.0, 1.2);	( 90.0, -60.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 90.0, -80.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 90.0, -100.0, 0.0, 1.2);
( 100.0, 100.0, 0.0, 1.2);	( 100.0, 90.0, 0.0, 1.2);
( 100.0, 80.0, 0.0, 1.2);	( 100.0, 70.0, 0.0, 1.2);
( 100.0, 60.0, 0.0, 1.2);	( 100.0, 50.0, 0.0, 1.2);
( 100.0, 40.0, 0.0, 1.2);	( 100.0, 30.0, 0.0, 1.2);
( 100.0, 25.0, 0.0, 1.2);	( 100.0, 20.0, 0.0, 1.2);
( 100.0, 17.0, 0.0, 1.2);	( 100.0, 15.0, 0.0, 1.2);
( 100.0, 13.0, 0.0, 1.2);	( 100.0, 11.0, 0.0, 1.2);
( 100.0, 9.0, 0.0, 1.2);	( 100.0, -9.0, 0.0, 1.2);
( 100.0, -11.0, 0.0, 1.2);	( 100.0, -13.0, 0.0, 1.2);
( 100.0, -15.0, 0.0, 1.2);	( 100.0, -17.0, 0.0, 1.2);
( 100.0, -20.0, 0.0, 1.2);	( 100.0, -25.0, 0.0, 1.2);
( 100.0, -30.0, 0.0, 1.2);	( 100.0, -40.0, 0.0, 1.2);
( 100.0, -50.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( 100.0, -70.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);
( 100.0, -90.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 110.0, 100.0, 0.0, 1.2);	( 110.0, 90.0, 0.0, 1.2);
( 110.0, 80.0, 0.0, 1.2);	( 110.0, 70.0, 0.0, 1.2);
( 110.0, 60.0, 0.0, 1.2);	( 110.0, 50.0, 0.0, 1.2);
( 110.0, 40.0, 0.0, 1.2);	( 110.0, 30.0, 0.0, 1.2);
( 110.0, 25.0, 0.0, 1.2);	( 110.0, 20.0, 0.0, 1.2);
( 110.0, 17.0, 0.0, 1.2);	( 110.0, 15.0, 0.0, 1.2);
( 110.0, 13.0, 0.0, 1.2);	( 110.0, 11.0, 0.0, 1.2);
( 110.0, 9.0, 0.0, 1.2);	( 110.0, -9.0, 0.0, 1.2);
( 110.0, -11.0, 0.0, 1.2);	( 110.0, -13.0, 0.0, 1.2);
( 110.0, -15.0, 0.0, 1.2);	( 110.0, -17.0, 0.0, 1.2);
( 110.0, -20.0, 0.0, 1.2);	( 110.0, -25.0, 0.0, 1.2);
( 110.0, -30.0, 0.0, 1.2);	( 110.0, -40.0, 0.0, 1.2);
( 110.0, -50.0, 0.0, 1.2);	( 110.0, -60.0, 0.0, 1.2);
( 110.0, -70.0, 0.0, 1.2);	( 110.0, -80.0, 0.0, 1.2);
( 110.0, -90.0, 0.0, 1.2);	( 110.0, -100.0, 0.0, 1.2);
( 120.0, 100.0, 0.0, 1.2);	( 120.0, 90.0, 0.0, 1.2);
( 120.0, 80.0, 0.0, 1.2);	( 120.0, 70.0, 0.0, 1.2);
( 120.0, 60.0, 0.0, 1.2);	( 120.0, 50.0, 0.0, 1.2);
( 120.0, 40.0, 0.0, 1.2);	( 120.0, 30.0, 0.0, 1.2);
( 120.0, 25.0, 0.0, 1.2);	( 120.0, 20.0, 0.0, 1.2);
( 120.0, 17.0, 0.0, 1.2);	( 120.0, 15.0, 0.0, 1.2);
( 120.0, 13.0, 0.0, 1.2);	( 120.0, 11.0, 0.0, 1.2);
( 120.0, 9.0, 0.0, 1.2);	( 120.0, -9.0, 0.0, 1.2);
( 120.0, -11.0, 0.0, 1.2);	( 120.0, -13.0, 0.0, 1.2);
( 120.0, -15.0, 0.0, 1.2);	( 120.0, -17.0, 0.0, 1.2);
( 120.0, -20.0, 0.0, 1.2);	( 120.0, -25.0, 0.0, 1.2);
( 120.0, -30.0, 0.0, 1.2);	( 120.0, -40.0, 0.0, 1.2);
( 120.0, -50.0, 0.0, 1.2);	( 120.0, -60.0, 0.0, 1.2);
( 120.0, -70.0, 0.0, 1.2);	( 120.0, -80.0, 0.0, 1.2);
( 120.0, -90.0, 0.0, 1.2);	( 120.0, -100.0, 0.0, 1.2);
( 130.0, 100.0, 0.0, 1.2);	( 130.0, 90.0, 0.0, 1.2);
( 130.0, 80.0, 0.0, 1.2);	( 130.0, 70.0, 0.0, 1.2);
( 130.0, 60.0, 0.0, 1.2);	( 130.0, 50.0, 0.0, 1.2);
( 130.0, 40.0, 0.0, 1.2);	( 130.0, 30.0, 0.0, 1.2);
( 130.0, 25.0, 0.0, 1.2);	( 130.0, 20.0, 0.0, 1.2);
( 130.0, 17.0, 0.0, 1.2);	( 130.0, 15.0, 0.0, 1.2);
( 130.0, 13.0, 0.0, 1.2);	( 130.0, 11.0, 0.0, 1.2);
( 130.0, 9.0, 0.0, 1.2);	( 130.0, -9.0, 0.0, 1.2);
( 130.0, -11.0, 0.0, 1.2);	( 130.0, -13.0, 0.0, 1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound

( 130.0,	-15.0,	0.0,	1.2);	( 130.0,	-17.0,	0.0,	1.2);
( 130.0,	-20.0,	0.0,	1.2);	( 130.0,	-25.0,	0.0,	1.2);
( 130.0,	-30.0,	0.0,	1.2);	( 130.0,	-40.0,	0.0,	1.2);
( 130.0,	-50.0,	0.0,	1.2);	( 130.0,	-60.0,	0.0,	1.2);
( 130.0,	-70.0,	0.0,	1.2);	( 130.0,	-80.0,	0.0,	1.2);
( 130.0,	-90.0,	0.0,	1.2);	( 130.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 140.0,	100.0,	0.0,	1.2);	( 140.0,	90.0,	0.0,	1.2);
( 140.0,	80.0,	0.0,	1.2);	( 140.0,	70.0,	0.0,	1.2);
( 140.0,	60.0,	0.0,	1.2);	( 140.0,	50.0,	0.0,	1.2);
( 140.0,	40.0,	0.0,	1.2);	( 140.0,	30.0,	0.0,	1.2);
( 140.0,	25.0,	0.0,	1.2);	( 140.0,	20.0,	0.0,	1.2);
( 140.0,	17.0,	0.0,	1.2);	( 140.0,	15.0,	0.0,	1.2);
( 140.0,	13.0,	0.0,	1.2);	( 140.0,	11.0,	0.0,	1.2);
( 140.0,	9.0,	0.0,	1.2);	( 140.0,	-9.0,	0.0,	1.2);
( 140.0,	-11.0,	0.0,	1.2);	( 140.0,	-13.0,	0.0,	1.2);
( 140.0,	-15.0,	0.0,	1.2);	( 140.0,	-17.0,	0.0,	1.2);
( 140.0,	-20.0,	0.0,	1.2);	( 140.0,	-25.0,	0.0,	1.2);
( 140.0,	-30.0,	0.0,	1.2);	( 140.0,	-40.0,	0.0,	1.2);
( 140.0,	-50.0,	0.0,	1.2);	( 140.0,	-60.0,	0.0,	1.2);
( 140.0,	-70.0,	0.0,	1.2);	( 140.0,	-80.0,	0.0,	1.2);
( 140.0,	-90.0,	0.0,	1.2);	( 140.0,	-100.0,	0.0,	1.2);
( 150.0,	100.0,	0.0,	1.2);	( 150.0,	90.0,	0.0,	1.2);
( 150.0,	80.0,	0.0,	1.2);	( 150.0,	70.0,	0.0,	1.2);
( 150.0,	60.0,	0.0,	1.2);	( 150.0,	50.0,	0.0,	1.2);
( 150.0,	40.0,	0.0,	1.2);	( 150.0,	30.0,	0.0,	1.2);
( 150.0,	25.0,	0.0,	1.2);	( 150.0,	20.0,	0.0,	1.2);
( 150.0,	17.0,	0.0,	1.2);	( 150.0,	15.0,	0.0,	1.2);
( 150.0,	13.0,	0.0,	1.2);	( 150.0,	11.0,	0.0,	1.2);
( 150.0,	9.0,	0.0,	1.2);	( 150.0,	-9.0,	0.0,	1.2);
( 150.0,	-11.0,	0.0,	1.2);	( 150.0,	-13.0,	0.0,	1.2);
( 150.0,	-15.0,	0.0,	1.2);	( 150.0,	-17.0,	0.0,	1.2);
( 150.0,	-20.0,	0.0,	1.2);	( 150.0,	-25.0,	0.0,	1.2);
( 150.0,	-30.0,	0.0,	1.2);	( 150.0,	-40.0,	0.0,	1.2);
( 150.0,	-50.0,	0.0,	1.2);	( 150.0,	-60.0,	0.0,	1.2);
( 150.0,	-70.0,	0.0,	1.2);	( 150.0,	-80.0,	0.0,	1.2);
( 150.0,	-90.0,	0.0,	1.2);	( 150.0,	-100.0,	0.0,	1.2);
( 160.0,	100.0,	0.0,	1.2);	( 160.0,	90.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 160.0,	80.0,	0.0,	1.2);	( 160.0,	70.0,	0.0,	1.2);
( 160.0,	60.0,	0.0,	1.2);	( 160.0,	50.0,	0.0,	1.2);
( 160.0,	40.0,	0.0,	1.2);	( 160.0,	30.0,	0.0,	1.2);
( 160.0,	25.0,	0.0,	1.2);	( 160.0,	20.0,	0.0,	1.2);
( 160.0,	17.0,	0.0,	1.2);	( 160.0,	15.0,	0.0,	1.2);
( 160.0,	13.0,	0.0,	1.2);	( 160.0,	11.0,	0.0,	1.2);
( 160.0,	9.0,	0.0,	1.2);	( 160.0,	-9.0,	0.0,	1.2);
( 160.0,	-11.0,	0.0,	1.2);	( 160.0,	-13.0,	0.0,	1.2);
( 160.0,	-15.0,	0.0,	1.2);	( 160.0,	-17.0,	0.0,	1.2);
( 160.0,	-20.0,	0.0,	1.2);	( 160.0,	-25.0,	0.0,	1.2);
( 160.0,	-30.0,	0.0,	1.2);	( 160.0,	-40.0,	0.0,	1.2);
( 160.0,	-50.0,	0.0,	1.2);	( 160.0,	-60.0,	0.0,	1.2);
( 160.0,	-70.0,	0.0,	1.2);	( 160.0,	-80.0,	0.0,	1.2);
( 160.0,	-90.0,	0.0,	1.2);	( 160.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 170.0,	100.0,	0.0,	1.2);	( 170.0,	90.0,	0.0,	1.2);
( 170.0,	80.0,	0.0,	1.2);	( 170.0,	70.0,	0.0,	1.2);
( 170.0,	60.0,	0.0,	1.2);	( 170.0,	50.0,	0.0,	1.2);
( 170.0,	40.0,	0.0,	1.2);	( 170.0,	30.0,	0.0,	1.2);
( 170.0,	25.0,	0.0,	1.2);	( 170.0,	20.0,	0.0,	1.2);
( 170.0,	17.0,	0.0,	1.2);	( 170.0,	15.0,	0.0,	1.2);
( 170.0,	13.0,	0.0,	1.2);	( 170.0,	11.0,	0.0,	1.2);
( 170.0,	9.0,	0.0,	1.2);	( 170.0,	-9.0,	0.0,	1.2);
( 170.0,	-11.0,	0.0,	1.2);	( 170.0,	-13.0,	0.0,	1.2);
( 170.0,	-15.0,	0.0,	1.2);	( 170.0,	-17.0,	0.0,	1.2);
( 170.0,	-20.0,	0.0,	1.2);	( 170.0,	-25.0,	0.0,	1.2);
( 170.0,	-30.0,	0.0,	1.2);	( 170.0,	-40.0,	0.0,	1.2);
( 170.0,	-50.0,	0.0,	1.2);	( 170.0,	-60.0,	0.0,	1.2);
( 170.0,	-70.0,	0.0,	1.2);	( 170.0,	-80.0,	0.0,	1.2);
( 170.0,	-90.0,	0.0,	1.2);	( 170.0,	-100.0,	0.0,	1.2);
( 180.0,	100.0,	0.0,	1.2);	( 180.0,	90.0,	0.0,	1.2);
( 180.0,	80.0,	0.0,	1.2);	( 180.0,	70.0,	0.0,	1.2);
( 180.0,	60.0,	0.0,	1.2);	( 180.0,	50.0,	0.0,	1.2);
( 180.0,	40.0,	0.0,	1.2);	( 180.0,	30.0,	0.0,	1.2);
( 180.0,	25.0,	0.0,	1.2);	( 180.0,	20.0,	0.0,	1.2);
( 180.0,	17.0,	0.0,	1.2);	( 180.0,	15.0,	0.0,	1.2);
( 180.0,	13.0,	0.0,	1.2);	( 180.0,	11.0,	0.0,	1.2);
( 180.0,	9.0,	0.0,	1.2);	( 180.0,	-9.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 180.0,	-11.0,	0.0,	1.2);	( 180.0,	-13.0,	0.0,	1.2);
( 180.0,	-15.0,	0.0,	1.2);	( 180.0,	-17.0,	0.0,	1.2);
( 180.0,	-20.0,	0.0,	1.2);	( 180.0,	-25.0,	0.0,	1.2);
( 180.0,	-30.0,	0.0,	1.2);	( 180.0,	-40.0,	0.0,	1.2);
( 180.0,	-50.0,	0.0,	1.2);	( 180.0,	-60.0,	0.0,	1.2);
( 180.0,	-70.0,	0.0,	1.2);	( 180.0,	-80.0,	0.0,	1.2);
( 180.0,	-90.0,	0.0,	1.2);	( 180.0,	-100.0,	0.0,	1.2);
( 190.0,	100.0,	0.0,	1.2);	( 190.0,	90.0,	0.0,	1.2);
( 190.0,	80.0,	0.0,	1.2);	( 190.0,	70.0,	0.0,	1.2);
( 190.0,	60.0,	0.0,	1.2);	( 190.0,	50.0,	0.0,	1.2);
( 190.0,	40.0,	0.0,	1.2);	( 190.0,	30.0,	0.0,	1.2);
( 190.0,	25.0,	0.0,	1.2);	( 190.0,	20.0,	0.0,	1.2);
( 190.0,	17.0,	0.0,	1.2);	( 190.0,	15.0,	0.0,	1.2);
( 190.0,	13.0,	0.0,	1.2);	( 190.0,	11.0,	0.0,	1.2);
( 190.0,	9.0,	0.0,	1.2);	( 190.0,	-9.0,	0.0,	1.2);
( 190.0,	-11.0,	0.0,	1.2);	( 190.0,	-13.0,	0.0,	1.2);
( 190.0,	-15.0,	0.0,	1.2);	( 190.0,	-17.0,	0.0,	1.2);
( 190.0,	-20.0,	0.0,	1.2);	( 190.0,	-25.0,	0.0,	1.2);
( 190.0,	-30.0,	0.0,	1.2);	( 190.0,	-40.0,	0.0,	1.2);
( 190.0,	-50.0,	0.0,	1.2);	( 190.0,	-60.0,	0.0,	1.2);
( 190.0,	-70.0,	0.0,	1.2);	( 190.0,	-80.0,	0.0,	1.2);
( 190.0,	-90.0,	0.0,	1.2);	( 190.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 200.0,	100.0,	0.0,	1.2);	( 200.0,	90.0,	0.0,	1.2);
( 200.0,	80.0,	0.0,	1.2);	( 200.0,	70.0,	0.0,	1.2);
( 200.0,	60.0,	0.0,	1.2);	( 200.0,	50.0,	0.0,	1.2);
( 200.0,	40.0,	0.0,	1.2);	( 200.0,	30.0,	0.0,	1.2);
( 200.0,	25.0,	0.0,	1.2);	( 200.0,	20.0,	0.0,	1.2);
( 200.0,	17.0,	0.0,	1.2);	( 200.0,	15.0,	0.0,	1.2);
( 200.0,	13.0,	0.0,	1.2);	( 200.0,	11.0,	0.0,	1.2);
( 200.0,	9.0,	0.0,	1.2);	( 200.0,	-9.0,	0.0,	1.2);
( 200.0,	-11.0,	0.0,	1.2);	( 200.0,	-13.0,	0.0,	1.2);
( 200.0,	-15.0,	0.0,	1.2);	( 200.0,	-17.0,	0.0,	1.2);
( 200.0,	-20.0,	0.0,	1.2);	( 200.0,	-25.0,	0.0,	1.2);
( 200.0,	-30.0,	0.0,	1.2);	( 200.0,	-40.0,	0.0,	1.2);
( 200.0,	-50.0,	0.0,	1.2);	( 200.0,	-60.0,	0.0,	1.2);
( 200.0,	-70.0,	0.0,	1.2);	( 200.0,	-80.0,	0.0,	1.2);
( 200.0,	-90.0,	0.0,	1.2);	( 200.0,	-100.0,	0.0,	1.2);

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 210.0,	100.0,	0.0,	1.2);	( 210.0,	90.0,	0.0,	1.2);
( 210.0,	80.0,	0.0,	1.2);	( 210.0,	70.0,	0.0,	1.2);
( 210.0,	60.0,	0.0,	1.2);	( 210.0,	50.0,	0.0,	1.2);
( 210.0,	40.0,	0.0,	1.2);	( 210.0,	30.0,	0.0,	1.2);
( 210.0,	25.0,	0.0,	1.2);	( 210.0,	20.0,	0.0,	1.2);
( 210.0,	17.0,	0.0,	1.2);	( 210.0,	15.0,	0.0,	1.2);
( 210.0,	13.0,	0.0,	1.2);	( 210.0,	11.0,	0.0,	1.2);
( 210.0,	9.0,	0.0,	1.2);	( 210.0,	-9.0,	0.0,	1.2);
( 210.0,	-11.0,	0.0,	1.2);	( 210.0,	-13.0,	0.0,	1.2);
( 210.0,	-15.0,	0.0,	1.2);	( 210.0,	-17.0,	0.0,	1.2);
( 210.0,	-20.0,	0.0,	1.2);	( 210.0,	-25.0,	0.0,	1.2);
( 210.0,	-30.0,	0.0,	1.2);	( 210.0,	-40.0,	0.0,	1.2);
( 210.0,	-50.0,	0.0,	1.2);	( 210.0,	-60.0,	0.0,	1.2);
( 210.0,	-70.0,	0.0,	1.2);	( 210.0,	-80.0,	0.0,	1.2);
( 210.0,	-90.0,	0.0,	1.2);	( 210.0,	-100.0,	0.0,	1.2);
( 220.0,	100.0,	0.0,	1.2);	( 220.0,	90.0,	0.0,	1.2);
( 220.0,	80.0,	0.0,	1.2);	( 220.0,	70.0,	0.0,	1.2);
( 220.0,	60.0,	0.0,	1.2);	( 220.0,	50.0,	0.0,	1.2);
( 220.0,	40.0,	0.0,	1.2);	( 220.0,	30.0,	0.0,	1.2);
( 220.0,	25.0,	0.0,	1.2);	( 220.0,	20.0,	0.0,	1.2);
( 220.0,	17.0,	0.0,	1.2);	( 220.0,	15.0,	0.0,	1.2);
( 220.0,	13.0,	0.0,	1.2);	( 220.0,	11.0,	0.0,	1.2);
( 220.0,	9.0,	0.0,	1.2);	( 220.0,	-9.0,	0.0,	1.2);
( 220.0,	-11.0,	0.0,	1.2);	( 220.0,	-13.0,	0.0,	1.2);
( 220.0,	-15.0,	0.0,	1.2);	( 220.0,	-17.0,	0.0,	1.2);
( 220.0,	-20.0,	0.0,	1.2);	( 220.0,	-25.0,	0.0,	1.2);
( 220.0,	-30.0,	0.0,	1.2);	( 220.0,	-40.0,	0.0,	1.2);
( 220.0,	-50.0,	0.0,	1.2);	( 220.0,	-60.0,	0.0,	1.2);
( 220.0,	-70.0,	0.0,	1.2);	( 220.0,	-80.0,	0.0,	1.2);
( 220.0,	-90.0,	0.0,	1.2);	( 220.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 230.0,	100.0,	0.0,	1.2);	( 230.0,	90.0,	0.0,	1.2);
( 230.0,	80.0,	0.0,	1.2);	( 230.0,	70.0,	0.0,	1.2);
( 230.0,	60.0,	0.0,	1.2);	( 230.0,	50.0,	0.0,	1.2);
( 230.0,	40.0,	0.0,	1.2);	( 230.0,	30.0,	0.0,	1.2);
( 230.0,	25.0,	0.0,	1.2);	( 230.0,	20.0,	0.0,	1.2);
( 230.0,	17.0,	0.0,	1.2);	( 230.0,	15.0,	0.0,	1.2);
( 230.0,	13.0,	0.0,	1.2);	( 230.0,	11.0,	0.0,	1.2);



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

( 230.0,	9.0,	0.0,	1.2);	( 230.0,	-9.0,	0.0,	1.2);
( 230.0,	-11.0,	0.0,	1.2);	( 230.0,	-13.0,	0.0,	1.2);
( 230.0,	-15.0,	0.0,	1.2);	( 230.0,	-17.0,	0.0,	1.2);
( 230.0,	-20.0,	0.0,	1.2);	( 230.0,	-25.0,	0.0,	1.2);
( 230.0,	-30.0,	0.0,	1.2);	( 230.0,	-40.0,	0.0,	1.2);
( 230.0,	-50.0,	0.0,	1.2);	( 230.0,	-60.0,	0.0,	1.2);
( 230.0,	-70.0,	0.0,	1.2);	( 230.0,	-80.0,	0.0,	1.2);
( 230.0,	-90.0,	0.0,	1.2);	( 230.0,	-100.0,	0.0,	1.2);
( 240.0,	100.0,	0.0,	1.2);	( 240.0,	90.0,	0.0,	1.2);
( 240.0,	80.0,	0.0,	1.2);	( 240.0,	70.0,	0.0,	1.2);
( 240.0,	60.0,	0.0,	1.2);	( 240.0,	50.0,	0.0,	1.2);
( 240.0,	40.0,	0.0,	1.2);	( 240.0,	30.0,	0.0,	1.2);
( 240.0,	25.0,	0.0,	1.2);	( 240.0,	20.0,	0.0,	1.2);
( 240.0,	17.0,	0.0,	1.2);	( 240.0,	15.0,	0.0,	1.2);
( 240.0,	13.0,	0.0,	1.2);	( 240.0,	11.0,	0.0,	1.2);
( 240.0,	9.0,	0.0,	1.2);	( 240.0,	-9.0,	0.0,	1.2);
( 240.0,	-11.0,	0.0,	1.2);	( 240.0,	-13.0,	0.0,	1.2);
( 240.0,	-15.0,	0.0,	1.2);	( 240.0,	-17.0,	0.0,	1.2);
( 240.0,	-20.0,	0.0,	1.2);	( 240.0,	-25.0,	0.0,	1.2);
( 240.0,	-30.0,	0.0,	1.2);	( 240.0,	-40.0,	0.0,	1.2);
( 240.0,	-50.0,	0.0,	1.2);	( 240.0,	-60.0,	0.0,	1.2);
( 240.0,	-70.0,	0.0,	1.2);	( 240.0,	-80.0,	0.0,	1.2);
( 240.0,	-90.0,	0.0,	1.2);	( 240.0,	-100.0,	0.0,	1.2);
( 250.0,	100.0,	0.0,	1.2);	( 250.0,	90.0,	0.0,	1.2);
( 250.0,	80.0,	0.0,	1.2);	( 250.0,	70.0,	0.0,	1.2);
( 250.0,	60.0,	0.0,	1.2);	( 250.0,	50.0,	0.0,	1.2);
( 250.0,	40.0,	0.0,	1.2);	( 250.0,	30.0,	0.0,	1.2);
( 250.0,	25.0,	0.0,	1.2);	( 250.0,	20.0,	0.0,	1.2);
( 250.0,	17.0,	0.0,	1.2);	( 250.0,	15.0,	0.0,	1.2);
( 250.0,	13.0,	0.0,	1.2);	( 250.0,	11.0,	0.0,	1.2);
( 250.0,	9.0,	0.0,	1.2);	( 250.0,	-9.0,	0.0,	1.2);
( 250.0,	-11.0,	0.0,	1.2);	( 250.0,	-13.0,	0.0,	1.2);
( 250.0,	-15.0,	0.0,	1.2);	( 250.0,	-17.0,	0.0,	1.2);
( 250.0,	-20.0,	0.0,	1.2);	( 250.0,	-25.0,	0.0,	1.2);
( 250.0,	-30.0,	0.0,	1.2);	( 250.0,	-40.0,	0.0,	1.2);
( 250.0,	-50.0,	0.0,	1.2);	( 250.0,	-60.0,	0.0,	1.2);
( 250.0,	-70.0,	0.0,	1.2);	( 250.0,	-80.0,	0.0,	1.2);
( 250.0,	-90.0,	0.0,	1.2);	( 250.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00005	-250.00	90.00	0.00005
-250.00	80.00	0.00005	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00004
-250.00	25.00	0.00004	-250.00	20.00	0.00004
-250.00	17.00	0.00004	-250.00	15.00	0.00004
-250.00	13.00	0.00004	-250.00	11.00	0.00004
-250.00	9.00	0.00004	-250.00	-9.00	0.00004
-250.00	-11.00	0.00004	-250.00	-13.00	0.00004
-250.00	-15.00	0.00004	-250.00	-17.00	0.00004
-250.00	-20.00	0.00004	-250.00	-25.00	0.00004
-250.00	-30.00	0.00004	-250.00	-40.00	0.00003
-250.00	-50.00	0.00003	-250.00	-60.00	0.00003
-250.00	-70.00	0.00003	-250.00	-80.00	0.00003
-250.00	-90.00	0.00003	-250.00	-100.00	0.00003
-240.00	100.00	0.00005	-240.00	90.00	0.00005
-240.00	80.00	0.00005	-240.00	70.00	0.00005



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00004
-220.00	-11.00	0.00004	-220.00	-13.00	0.00004
-220.00	-15.00	0.00004	-220.00	-17.00	0.00004
-220.00	-20.00	0.00004	-220.00	-25.00	0.00004
-220.00	-30.00	0.00004	-220.00	-40.00	0.00004
-220.00	-50.00	0.00004	-220.00	-60.00	0.00003
-220.00	-70.00	0.00003	-220.00	-80.00	0.00003
-220.00	-90.00	0.00003	-220.00	-100.00	0.00003
-210.00	100.00	0.00006	-210.00	90.00	0.00006
-210.00	80.00	0.00006	-210.00	70.00	0.00006
-210.00	60.00	0.00006	-210.00	50.00	0.00006
-210.00	40.00	0.00006	-210.00	30.00	0.00005
-210.00	25.00	0.00005	-210.00	20.00	0.00005
-210.00	17.00	0.00005	-210.00	15.00	0.00005
-210.00	13.00	0.00005	-210.00	11.00	0.00005
-210.00	9.00	0.00005	-210.00	-9.00	0.00005
-210.00	-11.00	0.00005	-210.00	-13.00	0.00005
-210.00	-15.00	0.00005	-210.00	-17.00	0.00004
-210.00	-20.00	0.00004	-210.00	-25.00	0.00004
-210.00	-30.00	0.00004	-210.00	-40.00	0.00004
-210.00	-50.00	0.00004	-210.00	-60.00	0.00004
-210.00	-70.00	0.00003	-210.00	-80.00	0.00003
-210.00	-90.00	0.00003	-210.00	-100.00	0.00003
-200.00	100.00	0.00006	-200.00	90.00	0.00006
-200.00	80.00	0.00006	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00006	-200.00	30.00	0.00006
-200.00	25.00	0.00006	-200.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00005	-200.00	15.00	0.00005
-200.00	13.00	0.00005	-200.00	11.00	0.00005
-200.00	9.00	0.00005	-200.00	-9.00	0.00005
-200.00	-11.00	0.00005	-200.00	-13.00	0.00005
-200.00	-15.00	0.00005	-200.00	-17.00	0.00005

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00005	-200.00	-25.00	0.00005
-200.00	-30.00	0.00004	-200.00	-40.00	0.00004
-200.00	-50.00	0.00004	-200.00	-60.00	0.00004
-200.00	-70.00	0.00004	-200.00	-80.00	0.00003
-200.00	-90.00	0.00003	-200.00	-100.00	0.00003
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00007	-190.00	70.00	0.00007
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00006
-190.00	25.00	0.00006	-190.00	20.00	0.00006
-190.00	17.00	0.00006	-190.00	15.00	0.00006
-190.00	13.00	0.00006	-190.00	11.00	0.00006
-190.00	9.00	0.00006	-190.00	-9.00	0.00005
-190.00	-11.00	0.00005	-190.00	-13.00	0.00005
-190.00	-15.00	0.00005	-190.00	-17.00	0.00005
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005
-190.00	-30.00	0.00005	-190.00	-40.00	0.00004
-190.00	-50.00	0.00004	-190.00	-60.00	0.00004
-190.00	-70.00	0.00004	-190.00	-80.00	0.00003
-190.00	-90.00	0.00003	-190.00	-100.00	0.00003
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00007	-180.00	70.00	0.00007
-180.00	60.00	0.00007	-180.00	50.00	0.00007
-180.00	40.00	0.00007	-180.00	30.00	0.00006
-180.00	25.00	0.00006	-180.00	20.00	0.00006
-180.00	17.00	0.00006	-180.00	15.00	0.00006
-180.00	13.00	0.00006	-180.00	11.00	0.00006
-180.00	9.00	0.00006	-180.00	-9.00	0.00005
-180.00	-11.00	0.00005	-180.00	-13.00	0.00005
-180.00	-15.00	0.00005	-180.00	-17.00	0.00005
-180.00	-20.00	0.00005	-180.00	-25.00	0.00005
-180.00	-30.00	0.00005	-180.00	-40.00	0.00005
-180.00	-50.00	0.00004	-180.00	-60.00	0.00004
-180.00	-70.00	0.00004	-180.00	-80.00	0.00004
-180.00	-90.00	0.00003	-180.00	-100.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:44:12  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00007
-170.00	80.00	0.00007	-170.00	70.00	0.00007
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00007
-170.00	25.00	0.00007	-170.00	20.00	0.00006
-170.00	17.00	0.00006	-170.00	15.00	0.00006
-170.00	13.00	0.00006	-170.00	11.00	0.00006
-170.00	9.00	0.00006	-170.00	-9.00	0.00006
-170.00	-11.00	0.00006	-170.00	-13.00	0.00006
-170.00	-15.00	0.00005	-170.00	-17.00	0.00005
-170.00	-20.00	0.00005	-170.00	-25.00	0.00005
-170.00	-30.00	0.00005	-170.00	-40.00	0.00005
-170.00	-50.00	0.00005	-170.00	-60.00	0.00004
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00004	-170.00	-100.00	0.00003
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00008
-160.00	60.00	0.00008	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00007
-160.00	25.00	0.00007	-160.00	20.00	0.00007
-160.00	17.00	0.00007	-160.00	15.00	0.00007
-160.00	13.00	0.00007	-160.00	11.00	0.00007
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00006	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00005
-160.00	-30.00	0.00005	-160.00	-40.00	0.00005
-160.00	-50.00	0.00005	-160.00	-60.00	0.00004
-160.00	-70.00	0.00004	-160.00	-80.00	0.00004
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00008	-150.00	70.00	0.00008
-150.00	60.00	0.00008	-150.00	50.00	0.00008
-150.00	40.00	0.00008	-150.00	30.00	0.00008
-150.00	25.00	0.00007	-150.00	20.00	0.00007
-150.00	17.00	0.00007	-150.00	15.00	0.00007
-150.00	13.00	0.00007	-150.00	11.00	0.00007
-150.00	9.00	0.00007	-150.00	-9.00	0.00006
-150.00	-11.00	0.00006	-150.00	-13.00	0.00006
-150.00	-15.00	0.00006	-150.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00006	-150.00	-25.00	0.00006
-150.00	-30.00	0.00006	-150.00	-40.00	0.00005
-150.00	-50.00	0.00005	-150.00	-60.00	0.00005
-150.00	-70.00	0.00004	-150.00	-80.00	0.00004
-150.00	-90.00	0.00004	-150.00	-100.00	0.00004
-140.00	100.00	0.00008	-140.00	90.00	0.00009
-140.00	80.00	0.00009	-140.00	70.00	0.00009
-140.00	60.00	0.00009	-140.00	50.00	0.00008
-140.00	40.00	0.00008	-140.00	30.00	0.00008
-140.00	25.00	0.00008	-140.00	20.00	0.00008
-140.00	17.00	0.00008	-140.00	15.00	0.00007
-140.00	13.00	0.00007	-140.00	11.00	0.00007
-140.00	9.00	0.00007	-140.00	-9.00	0.00007
-140.00	-11.00	0.00007	-140.00	-13.00	0.00006
-140.00	-15.00	0.00006	-140.00	-17.00	0.00006
-140.00	-20.00	0.00006	-140.00	-25.00	0.00006
-140.00	-30.00	0.00006	-140.00	-40.00	0.00006
-140.00	-50.00	0.00005	-140.00	-60.00	0.00005
-140.00	-70.00	0.00005	-140.00	-80.00	0.00004
-140.00	-90.00	0.00004	-140.00	-100.00	0.00004
-130.00	100.00	0.00009	-130.00	90.00	0.00009
-130.00	80.00	0.00009	-130.00	70.00	0.00009
-130.00	60.00	0.00009	-130.00	50.00	0.00009
-130.00	40.00	0.00009	-130.00	30.00	0.00008
-130.00	25.00	0.00008	-130.00	20.00	0.00008
-130.00	17.00	0.00008	-130.00	15.00	0.00008
-130.00	13.00	0.00008	-130.00	11.00	0.00008
-130.00	9.00	0.00008	-130.00	-9.00	0.00007
-130.00	-11.00	0.00007	-130.00	-13.00	0.00007
-130.00	-15.00	0.00007	-130.00	-17.00	0.00007
-130.00	-20.00	0.00007	-130.00	-25.00	0.00006
-130.00	-30.00	0.00006	-130.00	-40.00	0.00006
-130.00	-50.00	0.00005	-130.00	-60.00	0.00005
-130.00	-70.00	0.00005	-130.00	-80.00	0.00004
-130.00	-90.00	0.00004	-130.00	-100.00	0.00004
-120.00	100.00	0.00009	-120.00	90.00	0.00010
-120.00	80.00	0.00010	-120.00	70.00	0.00010





08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00010	-100.00	11.00	0.00009
-100.00	9.00	0.00009	-100.00	-9.00	0.00008
-100.00	-11.00	0.00008	-100.00	-13.00	0.00008
-100.00	-15.00	0.00008	-100.00	-17.00	0.00008
-100.00	-20.00	0.00008	-100.00	-25.00	0.00008
-100.00	-30.00	0.00007	-100.00	-40.00	0.00007
-100.00	-50.00	0.00006	-100.00	-60.00	0.00006
-100.00	-70.00	0.00005	-100.00	-80.00	0.00005
-100.00	-90.00	0.00005	-100.00	-100.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00011	-90.00	90.00	0.00012
-90.00	80.00	0.00012	-90.00	70.00	0.00012
-90.00	60.00	0.00012	-90.00	50.00	0.00012
-90.00	40.00	0.00012	-90.00	30.00	0.00011
-90.00	25.00	0.00011	-90.00	20.00	0.00011
-90.00	17.00	0.00011	-90.00	15.00	0.00010
-90.00	13.00	0.00010	-90.00	11.00	0.00010
-90.00	9.00	0.00010	-90.00	-9.00	0.00009
-90.00	-11.00	0.00009	-90.00	-13.00	0.00009
-90.00	-15.00	0.00009	-90.00	-17.00	0.00009
-90.00	-20.00	0.00008	-90.00	-25.00	0.00008
-90.00	-30.00	0.00008	-90.00	-40.00	0.00007
-90.00	-50.00	0.00007	-90.00	-60.00	0.00006
-90.00	-70.00	0.00006	-90.00	-80.00	0.00005
-90.00	-90.00	0.00005	-90.00	-100.00	0.00005
-80.00	100.00	0.00012	-80.00	90.00	0.00012
-80.00	80.00	0.00012	-80.00	70.00	0.00013
-80.00	60.00	0.00013	-80.00	50.00	0.00013
-80.00	40.00	0.00012	-80.00	30.00	0.00012
-80.00	25.00	0.00012	-80.00	20.00	0.00011
-80.00	17.00	0.00011	-80.00	15.00	0.00011
-80.00	13.00	0.00011	-80.00	11.00	0.00011
-80.00	9.00	0.00011	-80.00	-9.00	0.00010
-80.00	-11.00	0.00010	-80.00	-13.00	0.00009
-80.00	-15.00	0.00009	-80.00	-17.00	0.00009

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-20.00	0.00009	-80.00	-25.00	0.00009
-80.00	-30.00	0.00008	-80.00	-40.00	0.00008
-80.00	-50.00	0.00007	-80.00	-60.00	0.00006
-80.00	-70.00	0.00006	-80.00	-80.00	0.00006
-80.00	-90.00	0.00006	-80.00	-100.00	0.00005
-70.00	100.00	0.00013	-70.00	90.00	0.00013
-70.00	80.00	0.00013	-70.00	70.00	0.00014
-70.00	60.00	0.00014	-70.00	50.00	0.00014
-70.00	40.00	0.00013	-70.00	30.00	0.00013
-70.00	25.00	0.00013	-70.00	20.00	0.00012
-70.00	17.00	0.00012	-70.00	15.00	0.00012
-70.00	13.00	0.00012	-70.00	11.00	0.00012
-70.00	9.00	0.00012	-70.00	-9.00	0.00010
-70.00	-11.00	0.00010	-70.00	-13.00	0.00010
-70.00	-15.00	0.00010	-70.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00010	-70.00	-25.00	0.00009
-70.00	-30.00	0.00009	-70.00	-40.00	0.00008
-70.00	-50.00	0.00007	-70.00	-60.00	0.00007
-70.00	-70.00	0.00006	-70.00	-80.00	0.00006
-70.00	-90.00	0.00006	-70.00	-100.00	0.00006
-60.00	100.00	0.00014	-60.00	90.00	0.00014
-60.00	80.00	0.00014	-60.00	70.00	0.00015
-60.00	60.00	0.00015	-60.00	50.00	0.00015
-60.00	40.00	0.00015	-60.00	30.00	0.00014
-60.00	25.00	0.00014	-60.00	20.00	0.00013
-60.00	17.00	0.00013	-60.00	15.00	0.00013
-60.00	13.00	0.00013	-60.00	11.00	0.00013
-60.00	9.00	0.00013	-60.00	-9.00	0.00011
-60.00	-11.00	0.00011	-60.00	-13.00	0.00011
-60.00	-15.00	0.00011	-60.00	-17.00	0.00010
-60.00	-20.00	0.00010	-60.00	-25.00	0.00010
-60.00	-30.00	0.00009	-60.00	-40.00	0.00009
-60.00	-50.00	0.00008	-60.00	-60.00	0.00007
-60.00	-70.00	0.00007	-60.00	-80.00	0.00006

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00006	-60.00	-100.00	0.00006
-50.00	100.00	0.00015	-50.00	90.00	0.00015
-50.00	80.00	0.00016	-50.00	70.00	0.00016
-50.00	60.00	0.00016	-50.00	50.00	0.00016
-50.00	40.00	0.00016	-50.00	30.00	0.00015
-50.00	25.00	0.00015	-50.00	20.00	0.00015
-50.00	17.00	0.00014	-50.00	15.00	0.00014
-50.00	13.00	0.00014	-50.00	11.00	0.00014
-50.00	9.00	0.00014	-50.00	-9.00	0.00012
-50.00	-11.00	0.00012	-50.00	-13.00	0.00012
-50.00	-15.00	0.00011	-50.00	-17.00	0.00011
-50.00	-20.00	0.00011	-50.00	-25.00	0.00011
-50.00	-30.00	0.00010	-50.00	-40.00	0.00009
-50.00	-50.00	0.00008	-50.00	-60.00	0.00008
-50.00	-70.00	0.00007	-50.00	-80.00	0.00007
-50.00	-90.00	0.00007	-50.00	-100.00	0.00007
-40.00	100.00	0.00016	-40.00	90.00	0.00017
-40.00	80.00	0.00017	-40.00	70.00	0.00017
-40.00	60.00	0.00017	-40.00	50.00	0.00017
-40.00	40.00	0.00017	-40.00	30.00	0.00017
-40.00	25.00	0.00016	-40.00	20.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00016	-40.00	15.00	0.00016
-40.00	13.00	0.00015	-40.00	11.00	0.00015
-40.00	9.00	0.00015	-40.00	-9.00	0.00013
-40.00	-11.00	0.00013	-40.00	-13.00	0.00013
-40.00	-15.00	0.00012	-40.00	-17.00	0.00012
-40.00	-20.00	0.00012	-40.00	-25.00	0.00011
-40.00	-30.00	0.00011	-40.00	-40.00	0.00010
-40.00	-50.00	0.00009	-40.00	-60.00	0.00008
-40.00	-70.00	0.00008	-40.00	-80.00	0.00007
-40.00	-90.00	0.00007	-40.00	-100.00	0.00007
-30.00	100.00	0.00018	-30.00	90.00	0.00018
-30.00	80.00	0.00018	-30.00	70.00	0.00019
-30.00	60.00	0.00019	-30.00	50.00	0.00019

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00019	-30.00	30.00	0.00018
-30.00	25.00	0.00018	-30.00	20.00	0.00018
-30.00	17.00	0.00017	-30.00	15.00	0.00017
-30.00	13.00	0.00017	-30.00	11.00	0.00017
-30.00	9.00	0.00016	-30.00	-9.00	0.00014
-30.00	-11.00	0.00014	-30.00	-13.00	0.00014
-30.00	-15.00	0.00013	-30.00	-17.00	0.00013
-30.00	-20.00	0.00013	-30.00	-25.00	0.00012
-30.00	-30.00	0.00012	-30.00	-40.00	0.00010
-30.00	-50.00	0.00009	-30.00	-60.00	0.00009
-30.00	-70.00	0.00008	-30.00	-80.00	0.00008
-30.00	-90.00	0.00008	-30.00	-100.00	0.00008
-20.00	100.00	0.00019	-20.00	90.00	0.00020
-20.00	80.00	0.00020	-20.00	70.00	0.00020
-20.00	60.00	0.00021	-20.00	50.00	0.00021
-20.00	40.00	0.00021	-20.00	30.00	0.00020
-20.00	25.00	0.00020	-20.00	20.00	0.00019
-20.00	17.00	0.00019	-20.00	15.00	0.00019
-20.00	13.00	0.00019	-20.00	11.00	0.00018
-20.00	9.00	0.00018	-20.00	-9.00	0.00015
-20.00	-11.00	0.00015	-20.00	-13.00	0.00015
-20.00	-15.00	0.00015	-20.00	-17.00	0.00014
-20.00	-20.00	0.00014	-20.00	-25.00	0.00013
-20.00	-30.00	0.00012	-20.00	-40.00	0.00011
-20.00	-50.00	0.00010	-20.00	-60.00	0.00009
-20.00	-70.00	0.00009	-20.00	-80.00	0.00009
-20.00	-90.00	0.00008	-20.00	-100.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00021	-10.00	90.00	0.00021
-10.00	80.00	0.00022	-10.00	70.00	0.00022
-10.00	60.00	0.00023	-10.00	50.00	0.00023
-10.00	40.00	0.00023	-10.00	30.00	0.00022
-10.00	25.00	0.00022	-10.00	20.00	0.00021
-10.00	17.00	0.00021	-10.00	15.00	0.00021
-10.00	13.00	0.00021	-10.00	11.00	0.00020

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00020	-10.00	-9.00	0.00017
-10.00	-11.00	0.00017	-10.00	-13.00	0.00016
-10.00	-15.00	0.00016	-10.00	-17.00	0.00016
-10.00	-20.00	0.00015	-10.00	-25.00	0.00014
-10.00	-30.00	0.00013	-10.00	-40.00	0.00012
-10.00	-50.00	0.00011	-10.00	-60.00	0.00010
-10.00	-70.00	0.00010	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00022	0.00	90.00	0.00023
0.00	80.00	0.00024	0.00	70.00	0.00025
0.00	60.00	0.00025	0.00	50.00	0.00025
0.00	40.00	0.00025	0.00	30.00	0.00025
0.00	25.00	0.00025	0.00	20.00	0.00024
0.00	17.00	0.00024	0.00	15.00	0.00023
0.00	13.00	0.00023	0.00	11.00	0.00022
0.00	9.00	0.00022	0.00	-9.00	0.00019
0.00	-11.00	0.00018	0.00	-13.00	0.00018
0.00	-15.00	0.00017	0.00	-17.00	0.00017
0.00	-20.00	0.00016	0.00	-25.00	0.00016
0.00	-30.00	0.00015	0.00	-40.00	0.00013
0.00	-50.00	0.00012	0.00	-60.00	0.00011
0.00	-70.00	0.00011	0.00	-80.00	0.00010
0.00	-90.00	0.00010	0.00	-100.00	0.00009
10.00	100.00	0.00024	10.00	90.00	0.00025
10.00	80.00	0.00026	10.00	70.00	0.00027
10.00	60.00	0.00028	10.00	50.00	0.00028
10.00	40.00	0.00028	10.00	30.00	0.00028
10.00	25.00	0.00028	10.00	20.00	0.00027
10.00	17.00	0.00026	10.00	15.00	0.00026
10.00	13.00	0.00026	10.00	11.00	0.00025
10.00	9.00	0.00025	10.00	-9.00	0.00021
10.00	-11.00	0.00020	10.00	-13.00	0.00020
10.00	-15.00	0.00019	10.00	-17.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00018	10.00	-25.00	0.00017

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00016	10.00	-40.00	0.00014
10.00	-50.00	0.00013	10.00	-60.00	0.00012
10.00	-70.00	0.00012	10.00	-80.00	0.00011
10.00	-90.00	0.00010	10.00	-100.00	0.00010
20.00	100.00	0.00026	20.00	90.00	0.00028
20.00	80.00	0.00029	20.00	70.00	0.00030
20.00	60.00	0.00031	20.00	50.00	0.00031
20.00	40.00	0.00032	20.00	30.00	0.00031
20.00	25.00	0.00031	20.00	20.00	0.00030
20.00	17.00	0.00030	20.00	15.00	0.00029
20.00	13.00	0.00029	20.00	11.00	0.00028
20.00	9.00	0.00028	20.00	-9.00	0.00023
20.00	-11.00	0.00022	20.00	-13.00	0.00022
20.00	-15.00	0.00021	20.00	-17.00	0.00021
20.00	-20.00	0.00020	20.00	-25.00	0.00018
20.00	-30.00	0.00017	20.00	-40.00	0.00015
20.00	-50.00	0.00014	20.00	-60.00	0.00013
20.00	-70.00	0.00013	20.00	-80.00	0.00012
20.00	-90.00	0.00011	20.00	-100.00	0.00011
30.00	100.00	0.00028	30.00	90.00	0.00030
30.00	80.00	0.00032	30.00	70.00	0.00034
30.00	60.00	0.00035	30.00	50.00	0.00035
30.00	40.00	0.00036	30.00	30.00	0.00036
30.00	25.00	0.00035	30.00	20.00	0.00035
30.00	17.00	0.00034	30.00	15.00	0.00033
30.00	13.00	0.00033	30.00	11.00	0.00032
30.00	9.00	0.00032	30.00	-9.00	0.00026
30.00	-11.00	0.00025	30.00	-13.00	0.00024
30.00	-15.00	0.00024	30.00	-17.00	0.00023
30.00	-20.00	0.00022	30.00	-25.00	0.00020
30.00	-30.00	0.00019	30.00	-40.00	0.00017
30.00	-50.00	0.00015	30.00	-60.00	0.00015
30.00	-70.00	0.00014	30.00	-80.00	0.00013
30.00	-90.00	0.00012	30.00	-100.00	0.00011
40.00	100.00	0.00030	40.00	90.00	0.00032
40.00	80.00	0.00035	40.00	70.00	0.00037
40.00	60.00	0.00039	40.00	50.00	0.00040
40.00	40.00	0.00040	40.00	30.00	0.00041
40.00	25.00	0.00040	40.00	20.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00039	40.00	15.00	0.00038
40.00	13.00	0.00038	40.00	11.00	0.00037
40.00	9.00	0.00036	40.00	-9.00	0.00029
40.00	-11.00	0.00028	40.00	-13.00	0.00027
40.00	-15.00	0.00026	40.00	-17.00	0.00025
40.00	-20.00	0.00024	40.00	-25.00	0.00022
40.00	-30.00	0.00021	40.00	-40.00	0.00018
40.00	-50.00	0.00017	40.00	-60.00	0.00016
40.00	-70.00	0.00015	40.00	-80.00	0.00014
40.00	-90.00	0.00013	40.00	-100.00	0.00012
50.00	100.00	0.00032	50.00	90.00	0.00035
50.00	80.00	0.00038	50.00	70.00	0.00041
50.00	60.00	0.00044	50.00	50.00	0.00046
50.00	40.00	0.00046	50.00	30.00	0.00047
50.00	25.00	0.00047	50.00	20.00	0.00046
50.00	17.00	0.00045	50.00	15.00	0.00044
50.00	13.00	0.00044	50.00	11.00	0.00043
50.00	9.00	0.00042	50.00	-9.00	0.00033
50.00	-11.00	0.00032	50.00	-13.00	0.00030
50.00	-15.00	0.00029	50.00	-17.00	0.00028
50.00	-20.00	0.00027	50.00	-25.00	0.00025
50.00	-30.00	0.00023	50.00	-40.00	0.00021
50.00	-50.00	0.00019	50.00	-60.00	0.00018
50.00	-70.00	0.00017	50.00	-80.00	0.00015
50.00	-90.00	0.00014	50.00	-100.00	0.00014
60.00	100.00	0.00034	60.00	90.00	0.00037
60.00	80.00	0.00041	60.00	70.00	0.00045
60.00	60.00	0.00049	60.00	50.00	0.00052
60.00	40.00	0.00054	60.00	30.00	0.00054
60.00	25.00	0.00054	60.00	20.00	0.00054
60.00	17.00	0.00053	60.00	15.00	0.00052
60.00	13.00	0.00051	60.00	11.00	0.00050
60.00	9.00	0.00049	60.00	-9.00	0.00037
60.00	-11.00	0.00036	60.00	-13.00	0.00034
60.00	-15.00	0.00033	60.00	-17.00	0.00032
60.00	-20.00	0.00030	60.00	-25.00	0.00027
60.00	-30.00	0.00026	60.00	-40.00	0.00023
60.00	-50.00	0.00021	60.00	-60.00	0.00020
60.00	-70.00	0.00018	60.00	-80.00	0.00017



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00016 60.00 -100.00 0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00036	70.00	90.00	0.00040
70.00	80.00	0.00045	70.00	70.00	0.00050
70.00	60.00	0.00055	70.00	50.00	0.00060
70.00	40.00	0.00063	70.00	30.00	0.00064
70.00	25.00	0.00064	70.00	20.00	0.00063
70.00	17.00	0.00063	70.00	15.00	0.00062
70.00	13.00	0.00061	70.00	11.00	0.00060
70.00	9.00	0.00058	70.00	-9.00	0.00043
70.00	-11.00	0.00041	70.00	-13.00	0.00039
70.00	-15.00	0.00037	70.00	-17.00	0.00036
70.00	-20.00	0.00034	70.00	-25.00	0.00031
70.00	-30.00	0.00029	70.00	-40.00	0.00026
70.00	-50.00	0.00024	70.00	-60.00	0.00022
70.00	-70.00	0.00021	70.00	-80.00	0.00020
70.00	-90.00	0.00019	70.00	-100.00	0.00018
80.00	100.00	0.00037	80.00	90.00	0.00042
80.00	80.00	0.00048	80.00	70.00	0.00055
80.00	60.00	0.00062	80.00	50.00	0.00068
80.00	40.00	0.00073	80.00	30.00	0.00076
80.00	25.00	0.00076	80.00	20.00	0.00076
80.00	17.00	0.00075	80.00	15.00	0.00074
80.00	13.00	0.00073	80.00	11.00	0.00072
80.00	9.00	0.00070	80.00	-9.00	0.00049
80.00	-11.00	0.00047	80.00	-13.00	0.00044
80.00	-15.00	0.00042	80.00	-17.00	0.00040
80.00	-20.00	0.00038	80.00	-25.00	0.00035
80.00	-30.00	0.00033	80.00	-40.00	0.00030
80.00	-50.00	0.00027	80.00	-60.00	0.00025
80.00	-70.00	0.00024	80.00	-80.00	0.00023
80.00	-90.00	0.00022	80.00	-100.00	0.00021
90.00	100.00	0.00038	90.00	90.00	0.00044
90.00	80.00	0.00052	90.00	70.00	0.00060
90.00	60.00	0.00068	90.00	50.00	0.00077

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00086	90.00	30.00	0.00091
90.00	25.00	0.00093	90.00	20.00	0.00092
90.00	17.00	0.00091	90.00	15.00	0.00091
90.00	13.00	0.00089	90.00	11.00	0.00088
90.00	9.00	0.00086	90.00	-9.00	0.00057
90.00	-11.00	0.00054	90.00	-13.00	0.00051
90.00	-15.00	0.00048	90.00	-17.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00043	90.00	-25.00	0.00040
90.00	-30.00	0.00037	90.00	-40.00	0.00034
90.00	-50.00	0.00031	90.00	-60.00	0.00030
90.00	-70.00	0.00028	90.00	-80.00	0.00027
90.00	-90.00	0.00026	90.00	-100.00	0.00025
100.00	100.00	0.00039	100.00	90.00	0.00046
100.00	80.00	0.00054	100.00	70.00	0.00064
100.00	60.00	0.00075	100.00	50.00	0.00087
100.00	40.00	0.00099	100.00	30.00	0.00110
100.00	25.00	0.00113	100.00	20.00	0.00114
100.00	17.00	0.00114	100.00	15.00	0.00113
100.00	13.00	0.00111	100.00	11.00	0.00109
100.00	9.00	0.00107	100.00	-9.00	0.00065
100.00	-11.00	0.00061	100.00	-13.00	0.00058
100.00	-15.00	0.00055	100.00	-17.00	0.00053
100.00	-20.00	0.00050	100.00	-25.00	0.00046
100.00	-30.00	0.00043	100.00	-40.00	0.00039
100.00	-50.00	0.00037	100.00	-60.00	0.00036
100.00	-70.00	0.00034	100.00	-80.00	0.00032
100.00	-90.00	0.00030	100.00	-100.00	0.00028
110.00	100.00	0.00038	110.00	90.00	0.00046
110.00	80.00	0.00055	110.00	70.00	0.00066
110.00	60.00	0.00080	110.00	50.00	0.00096
110.00	40.00	0.00114	110.00	30.00	0.00131
110.00	25.00	0.00138	110.00	20.00	0.00143
110.00	17.00	0.00143	110.00	15.00	0.00143
110.00	13.00	0.00142	110.00	11.00	0.00139

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00136	110.00	-9.00	0.00076
110.00	-11.00	0.00071	110.00	-13.00	0.00067
110.00	-15.00	0.00063	110.00	-17.00	0.00061
110.00	-20.00	0.00057	110.00	-25.00	0.00053
110.00	-30.00	0.00051	110.00	-40.00	0.00048
110.00	-50.00	0.00046	110.00	-60.00	0.00043
110.00	-70.00	0.00040	110.00	-80.00	0.00037
110.00	-90.00	0.00035	110.00	-100.00	0.00032
120.00	100.00	0.00037	120.00	90.00	0.00045
120.00	80.00	0.00054	120.00	70.00	0.00066
120.00	60.00	0.00082	120.00	50.00	0.00102
120.00	40.00	0.00126	120.00	30.00	0.00152
120.00	25.00	0.00166	120.00	20.00	0.00177

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00181	120.00	15.00	0.00183
120.00	13.00	0.00183	120.00	11.00	0.00182
120.00	9.00	0.00178	120.00	-9.00	0.00087
120.00	-11.00	0.00081	120.00	-13.00	0.00077
120.00	-15.00	0.00073	120.00	-17.00	0.00071
120.00	-20.00	0.00068	120.00	-25.00	0.00066
120.00	-30.00	0.00064	120.00	-40.00	0.00060
120.00	-50.00	0.00056	120.00	-60.00	0.00052
120.00	-70.00	0.00048	120.00	-80.00	0.00044
120.00	-90.00	0.00041	120.00	-100.00	0.00037
130.00	100.00	0.00035	130.00	90.00	0.00043
130.00	80.00	0.00053	130.00	70.00	0.00065
130.00	60.00	0.00082	130.00	50.00	0.00103
130.00	40.00	0.00131	130.00	30.00	0.00165
130.00	25.00	0.00185	130.00	20.00	0.00206
130.00	17.00	0.00218	130.00	15.00	0.00225
130.00	13.00	0.00232	130.00	11.00	0.00238
130.00	9.00	0.00240	130.00	-9.00	0.00107
130.00	-11.00	0.00101	130.00	-13.00	0.00097
130.00	-15.00	0.00094	130.00	-17.00	0.00091
130.00	-20.00	0.00088	130.00	-25.00	0.00085

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00082	130.00	-40.00	0.00076
130.00	-50.00	0.00070	130.00	-60.00	0.00064
130.00	-70.00	0.00058	130.00	-80.00	0.00053
130.00	-90.00	0.00048	130.00	-100.00	0.00043
140.00	100.00	0.00033	140.00	90.00	0.00041
140.00	80.00	0.00050	140.00	70.00	0.00063
140.00	60.00	0.00079	140.00	50.00	0.00102
140.00	40.00	0.00131	140.00	30.00	0.00169
140.00	25.00	0.00192	140.00	20.00	0.00217
140.00	17.00	0.00232	140.00	15.00	0.00242
140.00	13.00	0.00253	140.00	11.00	0.00265
140.00	9.00	0.00277	140.00	-9.00	0.00195
140.00	-11.00	0.00170	140.00	-13.00	0.00154
140.00	-15.00	0.00144	140.00	-17.00	0.00136
140.00	-20.00	0.00128	140.00	-25.00	0.00118
140.00	-30.00	0.00111	140.00	-40.00	0.00100
140.00	-50.00	0.00089	140.00	-60.00	0.00079
140.00	-70.00	0.00070	140.00	-80.00	0.00063
140.00	-90.00	0.00056	140.00	-100.00	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00031	150.00	90.00	0.00038
150.00	80.00	0.00047	150.00	70.00	0.00059
150.00	60.00	0.00075	150.00	50.00	0.00098
150.00	40.00	0.00129	150.00	30.00	0.00170
150.00	25.00	0.00195	150.00	20.00	0.00223
150.00	17.00	0.00241	150.00	15.00	0.00254
150.00	13.00	0.00266	150.00	11.00	0.00280
150.00	9.00	0.00297	150.00	-9.00	0.00414
150.00	-11.00	0.00358	150.00	-13.00	0.00313
150.00	-15.00	0.00278	150.00	-17.00	0.00250
150.00	-20.00	0.00219	150.00	-25.00	0.00186
150.00	-30.00	0.00164	150.00	-40.00	0.00134
150.00	-50.00	0.00114	150.00	-60.00	0.00098
150.00	-70.00	0.00085	150.00	-80.00	0.00074
150.00	-90.00	0.00065	150.00	-100.00	0.00057

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00028	160.00	90.00	0.00034
160.00	80.00	0.00043	160.00	70.00	0.00055
160.00	60.00	0.00070	160.00	50.00	0.00093
160.00	40.00	0.00124	160.00	30.00	0.00168
160.00	25.00	0.00194	160.00	20.00	0.00225
160.00	17.00	0.00245	160.00	15.00	0.00259
160.00	13.00	0.00275	160.00	11.00	0.00293
160.00	9.00	0.00315	160.00	-9.00	0.00576
160.00	-11.00	0.00524	160.00	-13.00	0.00478
160.00	-15.00	0.00436	160.00	-17.00	0.00399
160.00	-20.00	0.00350	160.00	-25.00	0.00287
160.00	-30.00	0.00242	160.00	-40.00	0.00185
160.00	-50.00	0.00149	160.00	-60.00	0.00123
160.00	-70.00	0.00103	160.00	-80.00	0.00088
160.00	-90.00	0.00075	160.00	-100.00	0.00065
170.00	100.00	0.00025	170.00	90.00	0.00031
170.00	80.00	0.00039	170.00	70.00	0.00049
170.00	60.00	0.00064	170.00	50.00	0.00086
170.00	40.00	0.00116	170.00	30.00	0.00160
170.00	25.00	0.00188	170.00	20.00	0.00221
170.00	17.00	0.00244	170.00	15.00	0.00261
170.00	13.00	0.00280	170.00	11.00	0.00301
170.00	9.00	0.00328	170.00	-9.00	0.00676
170.00	-11.00	0.00632	170.00	-13.00	0.00591
170.00	-15.00	0.00554	170.00	-17.00	0.00518

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00468	170.00	-25.00	0.00393
170.00	-30.00	0.00332	170.00	-40.00	0.00245
170.00	-50.00	0.00191	170.00	-60.00	0.00153
170.00	-70.00	0.00125	170.00	-80.00	0.00103
170.00	-90.00	0.00087	170.00	-100.00	0.00074
180.00	100.00	0.00022	180.00	90.00	0.00027
180.00	80.00	0.00034	180.00	70.00	0.00044
180.00	60.00	0.00057	180.00	50.00	0.00077
180.00	40.00	0.00105	180.00	30.00	0.00148

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00177	180.00	20.00	0.00213
180.00	17.00	0.00238	180.00	15.00	0.00257
180.00	13.00	0.00278	180.00	11.00	0.00302
180.00	9.00	0.00332	180.00	-9.00	0.00740
180.00	-11.00	0.00701	180.00	-13.00	0.00665
180.00	-15.00	0.00631	180.00	-17.00	0.00599
180.00	-20.00	0.00552	180.00	-25.00	0.00479
180.00	-30.00	0.00413	180.00	-40.00	0.00309
180.00	-50.00	0.00236	180.00	-60.00	0.00184
180.00	-70.00	0.00148	180.00	-80.00	0.00120
180.00	-90.00	0.00100	180.00	-100.00	0.00084
190.00	100.00	0.00020	190.00	90.00	0.00024
190.00	80.00	0.00030	190.00	70.00	0.00038
190.00	60.00	0.00049	190.00	50.00	0.00066
190.00	40.00	0.00092	190.00	30.00	0.00132
190.00	25.00	0.00161	190.00	20.00	0.00198
190.00	17.00	0.00224	190.00	15.00	0.00245
190.00	13.00	0.00267	190.00	11.00	0.00294
190.00	9.00	0.00327	190.00	-9.00	0.00782
190.00	-11.00	0.00745	190.00	-13.00	0.00713
190.00	-15.00	0.00683	190.00	-17.00	0.00653
190.00	-20.00	0.00610	190.00	-25.00	0.00541
190.00	-30.00	0.00477	190.00	-40.00	0.00365
190.00	-50.00	0.00279	190.00	-60.00	0.00216
190.00	-70.00	0.00171	190.00	-80.00	0.00138
190.00	-90.00	0.00114	190.00	-100.00	0.00095
200.00	100.00	0.00018	200.00	90.00	0.00022
200.00	80.00	0.00027	200.00	70.00	0.00033
200.00	60.00	0.00042	200.00	50.00	0.00055
200.00	40.00	0.00076	200.00	30.00	0.00112
200.00	25.00	0.00139	200.00	20.00	0.00174

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00201	200.00	15.00	0.00222
200.00	13.00	0.00246	200.00	11.00	0.00274
200.00	9.00	0.00310	200.00	-9.00	0.00809

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00773	200.00	-13.00	0.00744
200.00	-15.00	0.00716	200.00	-17.00	0.00689
200.00	-20.00	0.00648	200.00	-25.00	0.00583
200.00	-30.00	0.00521	200.00	-40.00	0.00408
200.00	-50.00	0.00316	200.00	-60.00	0.00246
200.00	-70.00	0.00194	200.00	-80.00	0.00156
200.00	-90.00	0.00128	200.00	-100.00	0.00106
210.00	100.00	0.00017	210.00	90.00	0.00020
210.00	80.00	0.00024	210.00	70.00	0.00029
210.00	60.00	0.00036	210.00	50.00	0.00047
210.00	40.00	0.00063	210.00	30.00	0.00090
210.00	25.00	0.00112	210.00	20.00	0.00143
210.00	17.00	0.00167	210.00	15.00	0.00187
210.00	13.00	0.00210	210.00	11.00	0.00239
210.00	9.00	0.00275	210.00	-9.00	0.00823
210.00	-11.00	0.00790	210.00	-13.00	0.00762
210.00	-15.00	0.00736	210.00	-17.00	0.00710
210.00	-20.00	0.00671	210.00	-25.00	0.00607
210.00	-30.00	0.00547	210.00	-40.00	0.00437
210.00	-50.00	0.00345	210.00	-60.00	0.00271
210.00	-70.00	0.00215	210.00	-80.00	0.00173
210.00	-90.00	0.00141	210.00	-100.00	0.00117
220.00	100.00	0.00016	220.00	90.00	0.00019
220.00	80.00	0.00022	220.00	70.00	0.00026
220.00	60.00	0.00032	220.00	50.00	0.00041
220.00	40.00	0.00054	220.00	30.00	0.00076
220.00	25.00	0.00092	220.00	20.00	0.00114
220.00	17.00	0.00132	220.00	15.00	0.00147
220.00	13.00	0.00165	220.00	11.00	0.00188
220.00	9.00	0.00220	220.00	-9.00	0.00824
220.00	-11.00	0.00792	220.00	-13.00	0.00762
220.00	-15.00	0.00738	220.00	-17.00	0.00713
220.00	-20.00	0.00676	220.00	-25.00	0.00616
220.00	-30.00	0.00559	220.00	-40.00	0.00454
220.00	-50.00	0.00364	220.00	-60.00	0.00290
220.00	-70.00	0.00232	220.00	-80.00	0.00187
220.00	-90.00	0.00153	220.00	-100.00	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

08NCRA\_PL93-300\_DPM\_TRAV\_ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00015	230.00	90.00	0.00017
230.00	80.00	0.00020	230.00	70.00	0.00024
230.00	60.00	0.00030	230.00	50.00	0.00037
230.00	40.00	0.00049	230.00	30.00	0.00068
230.00	25.00	0.00082	230.00	20.00	0.00101
230.00	17.00	0.00116	230.00	15.00	0.00129
230.00	13.00	0.00144	230.00	11.00	0.00163
230.00	9.00	0.00187	230.00	-9.00	0.00744
230.00	-11.00	0.00739	230.00	-13.00	0.00723
230.00	-15.00	0.00704	230.00	-17.00	0.00686
230.00	-20.00	0.00656	230.00	-25.00	0.00604
230.00	-30.00	0.00552	230.00	-40.00	0.00456
230.00	-50.00	0.00372	230.00	-60.00	0.00301
230.00	-70.00	0.00244	230.00	-80.00	0.00198
230.00	-90.00	0.00162	230.00	-100.00	0.00135
240.00	100.00	0.00014	240.00	90.00	0.00016
240.00	80.00	0.00019	240.00	70.00	0.00022
240.00	60.00	0.00027	240.00	50.00	0.00034
240.00	40.00	0.00045	240.00	30.00	0.00061
240.00	25.00	0.00073	240.00	20.00	0.00090
240.00	17.00	0.00103	240.00	15.00	0.00115
240.00	13.00	0.00128	240.00	11.00	0.00145
240.00	9.00	0.00166	240.00	-9.00	0.00528
240.00	-11.00	0.00555	240.00	-13.00	0.00573
240.00	-15.00	0.00583	240.00	-17.00	0.00585
240.00	-20.00	0.00579	240.00	-25.00	0.00553
240.00	-30.00	0.00517	240.00	-40.00	0.00440
240.00	-50.00	0.00368	240.00	-60.00	0.00304
240.00	-70.00	0.00250	240.00	-80.00	0.00206
240.00	-90.00	0.00170	240.00	-100.00	0.00141
250.00	100.00	0.00013	250.00	90.00	0.00015
250.00	80.00	0.00017	250.00	70.00	0.00021
250.00	60.00	0.00025	250.00	50.00	0.00032
250.00	40.00	0.00041	250.00	30.00	0.00055
250.00	25.00	0.00066	250.00	20.00	0.00081
250.00	17.00	0.00093	250.00	15.00	0.00103
250.00	13.00	0.00114	250.00	11.00	0.00127
250.00	9.00	0.00143	250.00	-9.00	0.00371
250.00	-11.00	0.00393	250.00	-13.00	0.00413
250.00	-15.00	0.00430	250.00	-17.00	0.00443



04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00457	250.00	-25.00	0.00462
250.00	-30.00	0.00451	250.00	-40.00	0.00405
250.00	-50.00	0.00349	250.00	-60.00	0.00296
250.00	-70.00	0.00249	250.00	-80.00	0.00208
250.00	-90.00	0.00174	250.00	-100.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00008	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00008
-250.00	60.00	0.00008	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00007
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00005
-250.00	-30.00	0.00005	-250.00	-40.00	0.00005
-250.00	-50.00	0.00005	-250.00	-60.00	0.00004
-250.00	-70.00	0.00004	-250.00	-80.00	0.00004
-250.00	-90.00	0.00004	-250.00	-100.00	0.00004
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00008	-240.00	70.00	0.00008
-240.00	60.00	0.00008	-240.00	50.00	0.00008
-240.00	40.00	0.00008	-240.00	30.00	0.00008
-240.00	25.00	0.00007	-240.00	20.00	0.00007

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00007	-240.00	15.00	0.00007
-240.00	13.00	0.00007	-240.00	11.00	0.00007
-240.00	9.00	0.00007	-240.00	-9.00	0.00006
-240.00	-11.00	0.00006	-240.00	-13.00	0.00006
-240.00	-15.00	0.00006	-240.00	-17.00	0.00006
-240.00	-20.00	0.00006	-240.00	-25.00	0.00006
-240.00	-30.00	0.00006	-240.00	-40.00	0.00005
-240.00	-50.00	0.00005	-240.00	-60.00	0.00005
-240.00	-70.00	0.00004	-240.00	-80.00	0.00004
-240.00	-90.00	0.00004	-240.00	-100.00	0.00004
-230.00	100.00	0.00008	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00009
-230.00	60.00	0.00009	-230.00	50.00	0.00008
-230.00	40.00	0.00008	-230.00	30.00	0.00008
-230.00	25.00	0.00008	-230.00	20.00	0.00008
-230.00	17.00	0.00008	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00006
-230.00	-15.00	0.00006	-230.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00006	-230.00	-25.00	0.00006
-230.00	-30.00	0.00006	-230.00	-40.00	0.00006
-230.00	-50.00	0.00005	-230.00	-60.00	0.00005
-230.00	-70.00	0.00005	-230.00	-80.00	0.00004
-230.00	-90.00	0.00004	-230.00	-100.00	0.00004
-220.00	100.00	0.00009	-220.00	90.00	0.00009
-220.00	80.00	0.00009	-220.00	70.00	0.00009
-220.00	60.00	0.00009	-220.00	50.00	0.00009
-220.00	40.00	0.00009	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008
-220.00	13.00	0.00008	-220.00	11.00	0.00008
-220.00	9.00	0.00008	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00006
-220.00	-30.00	0.00006	-220.00	-40.00	0.00006
-220.00	-50.00	0.00005	-220.00	-60.00	0.00005
-220.00	-70.00	0.00005	-220.00	-80.00	0.00004
-220.00	-90.00	0.00004	-220.00	-100.00	0.00004
-210.00	100.00	0.00009	-210.00	90.00	0.00010
-210.00	80.00	0.00010	-210.00	70.00	0.00010
-210.00	60.00	0.00010	-210.00	50.00	0.00010
-210.00	40.00	0.00009	-210.00	30.00	0.00009
-210.00	25.00	0.00009	-210.00	20.00	0.00009
-210.00	17.00	0.00009	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00007
-210.00	-11.00	0.00007	-210.00	-13.00	0.00007
-210.00	-15.00	0.00007	-210.00	-17.00	0.00007
-210.00	-20.00	0.00007	-210.00	-25.00	0.00007
-210.00	-30.00	0.00007	-210.00	-40.00	0.00006
-210.00	-50.00	0.00006	-210.00	-60.00	0.00005
-210.00	-70.00	0.00005	-210.00	-80.00	0.00005
-210.00	-90.00	0.00004	-210.00	-100.00	0.00004
-200.00	100.00	0.00010	-200.00	90.00	0.00010
-200.00	80.00	0.00010	-200.00	70.00	0.00010
-200.00	60.00	0.00010	-200.00	50.00	0.00010
-200.00	40.00	0.00010	-200.00	30.00	0.00010
-200.00	25.00	0.00009	-200.00	20.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00008
-200.00	-20.00	0.00007	-200.00	-25.00	0.00007
-200.00	-30.00	0.00007	-200.00	-40.00	0.00006
-200.00	-50.00	0.00006	-200.00	-60.00	0.00006

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00005	-200.00	-80.00	0.00005
-200.00	-90.00	0.00005	-200.00	-100.00	0.00005
-190.00	100.00	0.00011	-190.00	90.00	0.00011
-190.00	80.00	0.00011	-190.00	70.00	0.00011
-190.00	60.00	0.00011	-190.00	50.00	0.00011
-190.00	40.00	0.00011	-190.00	30.00	0.00010
-190.00	25.00	0.00010	-190.00	20.00	0.00010
-190.00	17.00	0.00010	-190.00	15.00	0.00010
-190.00	13.00	0.00010	-190.00	11.00	0.00009
-190.00	9.00	0.00009	-190.00	-9.00	0.00008
-190.00	-11.00	0.00008	-190.00	-13.00	0.00008
-190.00	-15.00	0.00008	-190.00	-17.00	0.00008
-190.00	-20.00	0.00008	-190.00	-25.00	0.00008
-190.00	-30.00	0.00007	-190.00	-40.00	0.00007
-190.00	-50.00	0.00006	-190.00	-60.00	0.00006
-190.00	-70.00	0.00005	-190.00	-80.00	0.00005
-190.00	-90.00	0.00005	-190.00	-100.00	0.00005
-180.00	100.00	0.00011	-180.00	90.00	0.00012
-180.00	80.00	0.00012	-180.00	70.00	0.00012
-180.00	60.00	0.00012	-180.00	50.00	0.00012
-180.00	40.00	0.00012	-180.00	30.00	0.00011
-180.00	25.00	0.00011	-180.00	20.00	0.00011
-180.00	17.00	0.00011	-180.00	15.00	0.00010
-180.00	13.00	0.00010	-180.00	11.00	0.00010
-180.00	9.00	0.00010	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00009
-180.00	-20.00	0.00008	-180.00	-25.00	0.00008
-180.00	-30.00	0.00008	-180.00	-40.00	0.00007
-180.00	-50.00	0.00007	-180.00	-60.00	0.00006
-180.00	-70.00	0.00006	-180.00	-80.00	0.00005
-180.00	-90.00	0.00005	-180.00	-100.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00012	-170.00	90.00	0.00012
-170.00	80.00	0.00012	-170.00	70.00	0.00013

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00013	-170.00	50.00	0.00013
-170.00	40.00	0.00012	-170.00	30.00	0.00012
-170.00	25.00	0.00012	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00011	-170.00	11.00	0.00011
-170.00	9.00	0.00011	-170.00	-9.00	0.00010
-170.00	-11.00	0.00010	-170.00	-13.00	0.00009
-170.00	-15.00	0.00009	-170.00	-17.00	0.00009
-170.00	-20.00	0.00009	-170.00	-25.00	0.00009
-170.00	-30.00	0.00008	-170.00	-40.00	0.00008
-170.00	-50.00	0.00007	-170.00	-60.00	0.00006
-170.00	-70.00	0.00006	-170.00	-80.00	0.00006
-170.00	-90.00	0.00006	-170.00	-100.00	0.00005
-160.00	100.00	0.00013	-160.00	90.00	0.00013
-160.00	80.00	0.00013	-160.00	70.00	0.00014
-160.00	60.00	0.00014	-160.00	50.00	0.00014
-160.00	40.00	0.00013	-160.00	30.00	0.00013
-160.00	25.00	0.00013	-160.00	20.00	0.00012
-160.00	17.00	0.00012	-160.00	15.00	0.00012
-160.00	13.00	0.00012	-160.00	11.00	0.00012
-160.00	9.00	0.00012	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00010
-160.00	-20.00	0.00010	-160.00	-25.00	0.00009
-160.00	-30.00	0.00009	-160.00	-40.00	0.00008
-160.00	-50.00	0.00007	-160.00	-60.00	0.00007
-160.00	-70.00	0.00006	-160.00	-80.00	0.00006
-160.00	-90.00	0.00006	-160.00	-100.00	0.00006
-150.00	100.00	0.00014	-150.00	90.00	0.00014
-150.00	80.00	0.00014	-150.00	70.00	0.00015
-150.00	60.00	0.00015	-150.00	50.00	0.00015
-150.00	40.00	0.00015	-150.00	30.00	0.00014
-150.00	25.00	0.00014	-150.00	20.00	0.00013
-150.00	17.00	0.00013	-150.00	15.00	0.00013
-150.00	13.00	0.00013	-150.00	11.00	0.00013
-150.00	9.00	0.00013	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00011	-150.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

08NCRA PL93-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00010	-150.00	-25.00	0.00010	
-150.00	-30.00	0.00009	-150.00	-40.00	0.00009	
-150.00	-50.00	0.00008	-150.00	-60.00	0.00007	
-150.00	-70.00	0.00007	-150.00	-80.00	0.00006	
-150.00	-90.00	0.00006	-150.00	-100.00	0.00006	
-140.00	100.00	0.00015	-140.00	90.00	0.00015	
-140.00	80.00	0.00016	-140.00	70.00	0.00016	
-140.00	60.00	0.00016	-140.00	50.00	0.00016	
-140.00	40.00	0.00016	-140.00	30.00	0.00015	
-140.00	25.00	0.00015	-140.00	20.00	0.00015	
-140.00	17.00	0.00014	-140.00	15.00	0.00014	
-140.00	13.00	0.00014	-140.00	11.00	0.00014	
-140.00	9.00	0.00014	-140.00	-9.00	0.00012	
-140.00	-11.00	0.00012	-140.00	-13.00	0.00012	
-140.00	-15.00	0.00011	-140.00	-17.00	0.00011	
-140.00	-20.00	0.00011	-140.00	-25.00	0.00011	
-140.00	-30.00	0.00010	-140.00	-40.00	0.00009	
-140.00	-50.00	0.00008	-140.00	-60.00	0.00008	
-140.00	-70.00	0.00007	-140.00	-80.00	0.00007	
-140.00	-90.00	0.00007	-140.00	-100.00	0.00007	
-130.00	100.00	0.00016	-130.00	90.00	0.00017	
-130.00	80.00	0.00017	-130.00	70.00	0.00017	
-130.00	60.00	0.00017	-130.00	50.00	0.00017	
-130.00	40.00	0.00017	-130.00	30.00	0.00017	
-130.00	25.00	0.00016	-130.00	20.00	0.00016	
-130.00	17.00	0.00016	-130.00	15.00	0.00016	
-130.00	13.00	0.00015	-130.00	11.00	0.00015	
-130.00	9.00	0.00015	-130.00	-9.00	0.00013	
-130.00	-11.00	0.00013	-130.00	-13.00	0.00013	
-130.00	-15.00	0.00012	-130.00	-17.00	0.00012	
-130.00	-20.00	0.00012	-130.00	-25.00	0.00011	
-130.00	-30.00	0.00011	-130.00	-40.00	0.00010	
-130.00	-50.00	0.00009	-130.00	-60.00	0.00008	
-130.00	-70.00	0.00008	-130.00	-80.00	0.00007	
-130.00	-90.00	0.00007	-130.00	-100.00	0.00007	
-120.00	100.00	0.00018	-120.00	90.00	0.00018	
-120.00	80.00	0.00018	-120.00	70.00	0.00019	
-120.00	60.00	0.00019	-120.00	50.00	0.00019	
-120.00	40.00	0.00019	-120.00	30.00	0.00018	
-120.00	25.00	0.00018	-120.00	20.00	0.00018	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00017	-120.00	15.00	0.00017
-120.00	13.00	0.00017	-120.00	11.00	0.00017
-120.00	9.00	0.00016	-120.00	-9.00	0.00014
-120.00	-11.00	0.00014	-120.00	-13.00	0.00014
-120.00	-15.00	0.00013	-120.00	-17.00	0.00013
-120.00	-20.00	0.00013	-120.00	-25.00	0.00012
-120.00	-30.00	0.00012	-120.00	-40.00	0.00010
-120.00	-50.00	0.00009	-120.00	-60.00	0.00009
-120.00	-70.00	0.00008	-120.00	-80.00	0.00008
-120.00	-90.00	0.00008	-120.00	-100.00	0.00008
-110.00	100.00	0.00019	-110.00	90.00	0.00020
-110.00	80.00	0.00020	-110.00	70.00	0.00020
-110.00	60.00	0.00021	-110.00	50.00	0.00021
-110.00	40.00	0.00021	-110.00	30.00	0.00020
-110.00	25.00	0.00020	-110.00	20.00	0.00019
-110.00	17.00	0.00019	-110.00	15.00	0.00019
-110.00	13.00	0.00019	-110.00	11.00	0.00018
-110.00	9.00	0.00018	-110.00	-9.00	0.00015
-110.00	-11.00	0.00015	-110.00	-13.00	0.00015
-110.00	-15.00	0.00015	-110.00	-17.00	0.00014
-110.00	-20.00	0.00014	-110.00	-25.00	0.00013
-110.00	-30.00	0.00012	-110.00	-40.00	0.00011
-110.00	-50.00	0.00010	-110.00	-60.00	0.00009
-110.00	-70.00	0.00009	-110.00	-80.00	0.00009
-110.00	-90.00	0.00008	-110.00	-100.00	0.00008
-100.00	100.00	0.00021	-100.00	90.00	0.00021
-100.00	80.00	0.00022	-100.00	70.00	0.00022
-100.00	60.00	0.00023	-100.00	50.00	0.00023
-100.00	40.00	0.00023	-100.00	30.00	0.00022
-100.00	25.00	0.00022	-100.00	20.00	0.00021
-100.00	17.00	0.00021	-100.00	15.00	0.00021
-100.00	13.00	0.00021	-100.00	11.00	0.00020
-100.00	9.00	0.00020	-100.00	-9.00	0.00017
-100.00	-11.00	0.00017	-100.00	-13.00	0.00016

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00016	-100.00	-17.00	0.00016
-100.00	-20.00	0.00015	-100.00	-25.00	0.00014
-100.00	-30.00	0.00013	-100.00	-40.00	0.00012
-100.00	-50.00	0.00011	-100.00	-60.00	0.00010
-100.00	-70.00	0.00010	-100.00	-80.00	0.00009
-100.00	-90.00	0.00009	-100.00	-100.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00022	-90.00	90.00	0.00023
-90.00	80.00	0.00024	-90.00	70.00	0.00025
-90.00	60.00	0.00025	-90.00	50.00	0.00025
-90.00	40.00	0.00025	-90.00	30.00	0.00025
-90.00	25.00	0.00025	-90.00	20.00	0.00024
-90.00	17.00	0.00024	-90.00	15.00	0.00023
-90.00	13.00	0.00023	-90.00	11.00	0.00022
-90.00	9.00	0.00022	-90.00	-9.00	0.00019
-90.00	-11.00	0.00018	-90.00	-13.00	0.00018
-90.00	-15.00	0.00017	-90.00	-17.00	0.00017
-90.00	-20.00	0.00016	-90.00	-25.00	0.00016
-90.00	-30.00	0.00015	-90.00	-40.00	0.00013
-90.00	-50.00	0.00012	-90.00	-60.00	0.00011
-90.00	-70.00	0.00011	-90.00	-80.00	0.00010
-90.00	-90.00	0.00010	-90.00	-100.00	0.00009
-80.00	100.00	0.00024	-80.00	90.00	0.00025
-80.00	80.00	0.00026	-80.00	70.00	0.00027
-80.00	60.00	0.00028	-80.00	50.00	0.00028
-80.00	40.00	0.00028	-80.00	30.00	0.00028
-80.00	25.00	0.00028	-80.00	20.00	0.00027
-80.00	17.00	0.00026	-80.00	15.00	0.00026
-80.00	13.00	0.00026	-80.00	11.00	0.00025
-80.00	9.00	0.00025	-80.00	-9.00	0.00021
-80.00	-11.00	0.00020	-80.00	-13.00	0.00020
-80.00	-15.00	0.00019	-80.00	-17.00	0.00019
-80.00	-20.00	0.00018	-80.00	-25.00	0.00017
-80.00	-30.00	0.00016	-80.00	-40.00	0.00014
-80.00	-50.00	0.00013	-80.00	-60.00	0.00012



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00012	-80.00	-80.00	0.00011
-80.00	-90.00	0.00010	-80.00	-100.00	0.00010
-70.00	100.00	0.00026	-70.00	90.00	0.00028
-70.00	80.00	0.00029	-70.00	70.00	0.00030
-70.00	60.00	0.00031	-70.00	50.00	0.00031
-70.00	40.00	0.00032	-70.00	30.00	0.00031
-70.00	25.00	0.00031	-70.00	20.00	0.00030
-70.00	17.00	0.00030	-70.00	15.00	0.00029
-70.00	13.00	0.00029	-70.00	11.00	0.00028
-70.00	9.00	0.00028	-70.00	-9.00	0.00023
-70.00	-11.00	0.00022	-70.00	-13.00	0.00022
-70.00	-15.00	0.00021	-70.00	-17.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:44:12

\*\*MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00020	-70.00	-25.00	0.00018
-70.00	-30.00	0.00017	-70.00	-40.00	0.00015
-70.00	-50.00	0.00014	-70.00	-60.00	0.00013
-70.00	-70.00	0.00013	-70.00	-80.00	0.00012
-70.00	-90.00	0.00011	-70.00	-100.00	0.00011
-60.00	100.00	0.00028	-60.00	90.00	0.00030
-60.00	80.00	0.00032	-60.00	70.00	0.00034
-60.00	60.00	0.00035	-60.00	50.00	0.00035
-60.00	40.00	0.00036	-60.00	30.00	0.00036
-60.00	25.00	0.00035	-60.00	20.00	0.00035
-60.00	17.00	0.00034	-60.00	15.00	0.00033
-60.00	13.00	0.00033	-60.00	11.00	0.00032
-60.00	9.00	0.00032	-60.00	-9.00	0.00026
-60.00	-11.00	0.00025	-60.00	-13.00	0.00024
-60.00	-15.00	0.00024	-60.00	-17.00	0.00023
-60.00	-20.00	0.00022	-60.00	-25.00	0.00020
-60.00	-30.00	0.00019	-60.00	-40.00	0.00017
-60.00	-50.00	0.00015	-60.00	-60.00	0.00015
-60.00	-70.00	0.00014	-60.00	-80.00	0.00013
-60.00	-90.00	0.00012	-60.00	-100.00	0.00011
-50.00	100.00	0.00030	-50.00	90.00	0.00032
-50.00	80.00	0.00035	-50.00	70.00	0.00037

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00039	-50.00	50.00	0.00040
-50.00	40.00	0.00040	-50.00	30.00	0.00041
-50.00	25.00	0.00040	-50.00	20.00	0.00040
-50.00	17.00	0.00039	-50.00	15.00	0.00038
-50.00	13.00	0.00038	-50.00	11.00	0.00037
-50.00	9.00	0.00036	-50.00	-9.00	0.00029
-50.00	-11.00	0.00028	-50.00	-13.00	0.00027
-50.00	-15.00	0.00026	-50.00	-17.00	0.00025
-50.00	-20.00	0.00024	-50.00	-25.00	0.00022
-50.00	-30.00	0.00021	-50.00	-40.00	0.00018
-50.00	-50.00	0.00017	-50.00	-60.00	0.00016
-50.00	-70.00	0.00015	-50.00	-80.00	0.00014
-50.00	-90.00	0.00013	-50.00	-100.00	0.00012
-40.00	100.00	0.00032	-40.00	90.00	0.00035
-40.00	80.00	0.00038	-40.00	70.00	0.00041
-40.00	60.00	0.00044	-40.00	50.00	0.00046
-40.00	40.00	0.00046	-40.00	30.00	0.00047
-40.00	25.00	0.00047	-40.00	20.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 51

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00045	-40.00	15.00	0.00044
-40.00	13.00	0.00044	-40.00	11.00	0.00043
-40.00	9.00	0.00042	-40.00	-9.00	0.00033
-40.00	-11.00	0.00032	-40.00	-13.00	0.00030
-40.00	-15.00	0.00029	-40.00	-17.00	0.00028
-40.00	-20.00	0.00027	-40.00	-25.00	0.00025
-40.00	-30.00	0.00023	-40.00	-40.00	0.00021
-40.00	-50.00	0.00019	-40.00	-60.00	0.00018
-40.00	-70.00	0.00017	-40.00	-80.00	0.00015
-40.00	-90.00	0.00014	-40.00	-100.00	0.00014
-30.00	100.00	0.00034	-30.00	90.00	0.00037
-30.00	80.00	0.00041	-30.00	70.00	0.00045
-30.00	60.00	0.00049	-30.00	50.00	0.00052
-30.00	40.00	0.00054	-30.00	30.00	0.00054
-30.00	25.00	0.00054	-30.00	20.00	0.00054
-30.00	17.00	0.00053	-30.00	15.00	0.00052

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00051	-30.00	11.00	0.00050
-30.00	9.00	0.00049	-30.00	-9.00	0.00037
-30.00	-11.00	0.00036	-30.00	-13.00	0.00034
-30.00	-15.00	0.00033	-30.00	-17.00	0.00032
-30.00	-20.00	0.00030	-30.00	-25.00	0.00027
-30.00	-30.00	0.00026	-30.00	-40.00	0.00023
-30.00	-50.00	0.00021	-30.00	-60.00	0.00020
-30.00	-70.00	0.00018	-30.00	-80.00	0.00017
-30.00	-90.00	0.00016	-30.00	-100.00	0.00016
-20.00	100.00	0.00036	-20.00	90.00	0.00040
-20.00	80.00	0.00045	-20.00	70.00	0.00050
-20.00	60.00	0.00055	-20.00	50.00	0.00060
-20.00	40.00	0.00063	-20.00	30.00	0.00064
-20.00	25.00	0.00064	-20.00	20.00	0.00063
-20.00	17.00	0.00063	-20.00	15.00	0.00062
-20.00	13.00	0.00061	-20.00	11.00	0.00060
-20.00	9.00	0.00058	-20.00	-9.00	0.00043
-20.00	-11.00	0.00041	-20.00	-13.00	0.00039
-20.00	-15.00	0.00037	-20.00	-17.00	0.00036
-20.00	-20.00	0.00034	-20.00	-25.00	0.00031
-20.00	-30.00	0.00029	-20.00	-40.00	0.00026
-20.00	-50.00	0.00024	-20.00	-60.00	0.00022
-20.00	-70.00	0.00021	-20.00	-80.00	0.00020
-20.00	-90.00	0.00019	-20.00	-100.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00037	-10.00	90.00	0.00042
-10.00	80.00	0.00048	-10.00	70.00	0.00055
-10.00	60.00	0.00062	-10.00	50.00	0.00068
-10.00	40.00	0.00073	-10.00	30.00	0.00076
-10.00	25.00	0.00076	-10.00	20.00	0.00076
-10.00	17.00	0.00075	-10.00	15.00	0.00074
-10.00	13.00	0.00073	-10.00	11.00	0.00072
-10.00	9.00	0.00070	-10.00	-9.00	0.00049
-10.00	-11.00	0.00047	-10.00	-13.00	0.00044
-10.00	-15.00	0.00042	-10.00	-17.00	0.00040

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00038	-10.00	-25.00	0.00035
-10.00	-30.00	0.00033	-10.00	-40.00	0.00030
-10.00	-50.00	0.00027	-10.00	-60.00	0.00025
-10.00	-70.00	0.00024	-10.00	-80.00	0.00023
-10.00	-90.00	0.00022	-10.00	-100.00	0.00021
0.00	100.00	0.00038	0.00	90.00	0.00044
0.00	80.00	0.00052	0.00	70.00	0.00060
0.00	60.00	0.00068	0.00	50.00	0.00077
0.00	40.00	0.00086	0.00	30.00	0.00091
0.00	25.00	0.00093	0.00	20.00	0.00092
0.00	17.00	0.00091	0.00	15.00	0.00091
0.00	13.00	0.00089	0.00	11.00	0.00088
0.00	9.00	0.00086	0.00	-9.00	0.00057
0.00	-11.00	0.00054	0.00	-13.00	0.00051
0.00	-15.00	0.00048	0.00	-17.00	0.00046
0.00	-20.00	0.00043	0.00	-25.00	0.00040
0.00	-30.00	0.00037	0.00	-40.00	0.00034
0.00	-50.00	0.00031	0.00	-60.00	0.00030
0.00	-70.00	0.00028	0.00	-80.00	0.00027
0.00	-90.00	0.00026	0.00	-100.00	0.00025
10.00	100.00	0.00039	10.00	90.00	0.00046
10.00	80.00	0.00054	10.00	70.00	0.00064
10.00	60.00	0.00075	10.00	50.00	0.00087
10.00	40.00	0.00099	10.00	30.00	0.00110
10.00	25.00	0.00113	10.00	20.00	0.00114
10.00	17.00	0.00114	10.00	15.00	0.00113
10.00	13.00	0.00111	10.00	11.00	0.00109
10.00	9.00	0.00107	10.00	-9.00	0.00065
10.00	-11.00	0.00061	10.00	-13.00	0.00058
10.00	-15.00	0.00055	10.00	-17.00	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 53

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00050	10.00	-25.00	0.00046
10.00	-30.00	0.00043	10.00	-40.00	0.00039
10.00	-50.00	0.00037	10.00	-60.00	0.00036
10.00	-70.00	0.00034	10.00	-80.00	0.00032

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00030	10.00	-100.00	0.00028
20.00	100.00	0.00038	20.00	90.00	0.00046
20.00	80.00	0.00055	20.00	70.00	0.00066
20.00	60.00	0.00080	20.00	50.00	0.00096
20.00	40.00	0.00114	20.00	30.00	0.00131
20.00	25.00	0.00138	20.00	20.00	0.00143
20.00	17.00	0.00143	20.00	15.00	0.00143
20.00	13.00	0.00142	20.00	11.00	0.00139
20.00	9.00	0.00136	20.00	-9.00	0.00076
20.00	-11.00	0.00071	20.00	-13.00	0.00067
20.00	-15.00	0.00063	20.00	-17.00	0.00061
20.00	-20.00	0.00057	20.00	-25.00	0.00053
20.00	-30.00	0.00051	20.00	-40.00	0.00048
20.00	-50.00	0.00046	20.00	-60.00	0.00043
20.00	-70.00	0.00040	20.00	-80.00	0.00037
20.00	-90.00	0.00035	20.00	-100.00	0.00032
30.00	100.00	0.00037	30.00	90.00	0.00045
30.00	80.00	0.00054	30.00	70.00	0.00066
30.00	60.00	0.00082	30.00	50.00	0.00102
30.00	40.00	0.00126	30.00	30.00	0.00152
30.00	25.00	0.00166	30.00	20.00	0.00177
30.00	17.00	0.00181	30.00	15.00	0.00183
30.00	13.00	0.00183	30.00	11.00	0.00182
30.00	9.00	0.00178	30.00	-9.00	0.00087
30.00	-11.00	0.00081	30.00	-13.00	0.00077
30.00	-15.00	0.00073	30.00	-17.00	0.00071
30.00	-20.00	0.00068	30.00	-25.00	0.00066
30.00	-30.00	0.00064	30.00	-40.00	0.00060
30.00	-50.00	0.00056	30.00	-60.00	0.00052
30.00	-70.00	0.00048	30.00	-80.00	0.00044
30.00	-90.00	0.00041	30.00	-100.00	0.00037
40.00	100.00	0.00035	40.00	90.00	0.00043
40.00	80.00	0.00053	40.00	70.00	0.00065
40.00	60.00	0.00082	40.00	50.00	0.00103
40.00	40.00	0.00131	40.00	30.00	0.00165
40.00	25.00	0.00185	40.00	20.00	0.00206

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

08NCRA PL93-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00218	40.00	15.00	0.00225
40.00	13.00	0.00232	40.00	11.00	0.00238
40.00	9.00	0.00240	40.00	-9.00	0.00107
40.00	-11.00	0.00101	40.00	-13.00	0.00097
40.00	-15.00	0.00094	40.00	-17.00	0.00091
40.00	-20.00	0.00088	40.00	-25.00	0.00085
40.00	-30.00	0.00082	40.00	-40.00	0.00076
40.00	-50.00	0.00070	40.00	-60.00	0.00064
40.00	-70.00	0.00058	40.00	-80.00	0.00053
40.00	-90.00	0.00048	40.00	-100.00	0.00043
50.00	100.00	0.00033	50.00	90.00	0.00041
50.00	80.00	0.00050	50.00	70.00	0.00063
50.00	60.00	0.00079	50.00	50.00	0.00102
50.00	40.00	0.00131	50.00	30.00	0.00169
50.00	25.00	0.00192	50.00	20.00	0.00217
50.00	17.00	0.00232	50.00	15.00	0.00242
50.00	13.00	0.00253	50.00	11.00	0.00265
50.00	9.00	0.00277	50.00	-9.00	0.00195
50.00	-11.00	0.00170	50.00	-13.00	0.00154
50.00	-15.00	0.00144	50.00	-17.00	0.00136
50.00	-20.00	0.00128	50.00	-25.00	0.00118
50.00	-30.00	0.00111	50.00	-40.00	0.00100
50.00	-50.00	0.00089	50.00	-60.00	0.00079
50.00	-70.00	0.00070	50.00	-80.00	0.00063
50.00	-90.00	0.00056	50.00	-100.00	0.00050
60.00	100.00	0.00031	60.00	90.00	0.00038
60.00	80.00	0.00047	60.00	70.00	0.00059
60.00	60.00	0.00075	60.00	50.00	0.00098
60.00	40.00	0.00129	60.00	30.00	0.00170
60.00	25.00	0.00195	60.00	20.00	0.00223
60.00	17.00	0.00241	60.00	15.00	0.00254
60.00	13.00	0.00266	60.00	11.00	0.00280
60.00	9.00	0.00297	60.00	-9.00	0.00414
60.00	-11.00	0.00358	60.00	-13.00	0.00313
60.00	-15.00	0.00278	60.00	-17.00	0.00250
60.00	-20.00	0.00219	60.00	-25.00	0.00186
60.00	-30.00	0.00164	60.00	-40.00	0.00134
60.00	-50.00	0.00114	60.00	-60.00	0.00098
60.00	-70.00	0.00085	60.00	-80.00	0.00074
60.00	-90.00	0.00065	60.00	-100.00	0.00057

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTS:  
PAGE 55

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00034
70.00	80.00	0.00043	70.00	70.00	0.00055
70.00	60.00	0.00070	70.00	50.00	0.00093
70.00	40.00	0.00124	70.00	30.00	0.00168
70.00	25.00	0.00194	70.00	20.00	0.00225
70.00	17.00	0.00245	70.00	15.00	0.00259
70.00	13.00	0.00275	70.00	11.00	0.00293
70.00	9.00	0.00315	70.00	-9.00	0.00576
70.00	-11.00	0.00524	70.00	-13.00	0.00478
70.00	-15.00	0.00436	70.00	-17.00	0.00399
70.00	-20.00	0.00350	70.00	-25.00	0.00287
70.00	-30.00	0.00242	70.00	-40.00	0.00185
70.00	-50.00	0.00149	70.00	-60.00	0.00123
70.00	-70.00	0.00103	70.00	-80.00	0.00088
70.00	-90.00	0.00075	70.00	-100.00	0.00065
80.00	100.00	0.00025	80.00	90.00	0.00031
80.00	80.00	0.00039	80.00	70.00	0.00049
80.00	60.00	0.00064	80.00	50.00	0.00086
80.00	40.00	0.00116	80.00	30.00	0.00160
80.00	25.00	0.00188	80.00	20.00	0.00221
80.00	17.00	0.00244	80.00	15.00	0.00261
80.00	13.00	0.00280	80.00	11.00	0.00301
80.00	9.00	0.00328	80.00	-9.00	0.00676
80.00	-11.00	0.00632	80.00	-13.00	0.00591
80.00	-15.00	0.00554	80.00	-17.00	0.00518
80.00	-20.00	0.00468	80.00	-25.00	0.00393
80.00	-30.00	0.00332	80.00	-40.00	0.00245
80.00	-50.00	0.00191	80.00	-60.00	0.00153
80.00	-70.00	0.00125	80.00	-80.00	0.00103
80.00	-90.00	0.00087	80.00	-100.00	0.00074
90.00	100.00	0.00022	90.00	90.00	0.00027
90.00	80.00	0.00034	90.00	70.00	0.00044
90.00	60.00	0.00057	90.00	50.00	0.00077
90.00	40.00	0.00105	90.00	30.00	0.00148
90.00	25.00	0.00177	90.00	20.00	0.00213
90.00	17.00	0.00238	90.00	15.00	0.00257

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00278	90.00	11.00	0.00302
90.00	9.00	0.00332	90.00	-9.00	0.00740
90.00	-11.00	0.00701	90.00	-13.00	0.00665
90.00	-15.00	0.00631	90.00	-17.00	0.00599

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00552	90.00	-25.00	0.00479
90.00	-30.00	0.00413	90.00	-40.00	0.00309
90.00	-50.00	0.00236	90.00	-60.00	0.00184
90.00	-70.00	0.00148	90.00	-80.00	0.00120
90.00	-90.00	0.00100	90.00	-100.00	0.00084
100.00	100.00	0.00020	100.00	90.00	0.00024
100.00	80.00	0.00030	100.00	70.00	0.00038
100.00	60.00	0.00049	100.00	50.00	0.00066
100.00	40.00	0.00092	100.00	30.00	0.00132
100.00	25.00	0.00161	100.00	20.00	0.00198
100.00	17.00	0.00224	100.00	15.00	0.00245
100.00	13.00	0.00267	100.00	11.00	0.00294
100.00	9.00	0.00327	100.00	-9.00	0.00782
100.00	-11.00	0.00745	100.00	-13.00	0.00713
100.00	-15.00	0.00683	100.00	-17.00	0.00653
100.00	-20.00	0.00610	100.00	-25.00	0.00541
100.00	-30.00	0.00477	100.00	-40.00	0.00365
100.00	-50.00	0.00279	100.00	-60.00	0.00216
100.00	-70.00	0.00171	100.00	-80.00	0.00138
100.00	-90.00	0.00114	100.00	-100.00	0.00095
110.00	100.00	0.00018	110.00	90.00	0.00022
110.00	80.00	0.00027	110.00	70.00	0.00033
110.00	60.00	0.00042	110.00	50.00	0.00055
110.00	40.00	0.00076	110.00	30.00	0.00112
110.00	25.00	0.00139	110.00	20.00	0.00174
110.00	17.00	0.00201	110.00	15.00	0.00222
110.00	13.00	0.00246	110.00	11.00	0.00274
110.00	9.00	0.00310	110.00	-9.00	0.00809
110.00	-11.00	0.00773	110.00	-13.00	0.00744
110.00	-15.00	0.00716	110.00	-17.00	0.00689



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00648	110.00	-25.00	0.00583
110.00	-30.00	0.00521	110.00	-40.00	0.00408
110.00	-50.00	0.00316	110.00	-60.00	0.00246
110.00	-70.00	0.00194	110.00	-80.00	0.00156
110.00	-90.00	0.00128	110.00	-100.00	0.00106
120.00	100.00	0.00017	120.00	90.00	0.00020
120.00	80.00	0.00024	120.00	70.00	0.00029
120.00	60.00	0.00036	120.00	50.00	0.00047
120.00	40.00	0.00063	120.00	30.00	0.00090
120.00	25.00	0.00112	120.00	20.00	0.00143

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00167	120.00	15.00	0.00187
120.00	13.00	0.00210	120.00	11.00	0.00239
120.00	9.00	0.00275	120.00	-9.00	0.00823
120.00	-11.00	0.00790	120.00	-13.00	0.00762
120.00	-15.00	0.00736	120.00	-17.00	0.00710
120.00	-20.00	0.00671	120.00	-25.00	0.00607
120.00	-30.00	0.00547	120.00	-40.00	0.00437
120.00	-50.00	0.00345	120.00	-60.00	0.00271
120.00	-70.00	0.00215	120.00	-80.00	0.00173
120.00	-90.00	0.00141	120.00	-100.00	0.00117
130.00	100.00	0.00016	130.00	90.00	0.00019
130.00	80.00	0.00022	130.00	70.00	0.00026
130.00	60.00	0.00032	130.00	50.00	0.00041
130.00	40.00	0.00054	130.00	30.00	0.00076
130.00	25.00	0.00092	130.00	20.00	0.00114
130.00	17.00	0.00132	130.00	15.00	0.00147
130.00	13.00	0.00165	130.00	11.00	0.00188
130.00	9.00	0.00220	130.00	-9.00	0.00824
130.00	-11.00	0.00792	130.00	-13.00	0.00762
130.00	-15.00	0.00738	130.00	-17.00	0.00713
130.00	-20.00	0.00676	130.00	-25.00	0.00616
130.00	-30.00	0.00559	130.00	-40.00	0.00454
130.00	-50.00	0.00364	130.00	-60.00	0.00290
130.00	-70.00	0.00232	130.00	-80.00	0.00187

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00153	130.00	-100.00	0.00126
140.00	100.00	0.00015	140.00	90.00	0.00017
140.00	80.00	0.00020	140.00	70.00	0.00024
140.00	60.00	0.00030	140.00	50.00	0.00037
140.00	40.00	0.00049	140.00	30.00	0.00068
140.00	25.00	0.00082	140.00	20.00	0.00101
140.00	17.00	0.00116	140.00	15.00	0.00129
140.00	13.00	0.00144	140.00	11.00	0.00163
140.00	9.00	0.00187	140.00	-9.00	0.00744
140.00	-11.00	0.00739	140.00	-13.00	0.00723
140.00	-15.00	0.00704	140.00	-17.00	0.00686
140.00	-20.00	0.00656	140.00	-25.00	0.00604
140.00	-30.00	0.00552	140.00	-40.00	0.00456
140.00	-50.00	0.00372	140.00	-60.00	0.00301
140.00	-70.00	0.00244	140.00	-80.00	0.00198
140.00	-90.00	0.00162	140.00	-100.00	0.00135

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00014	150.00	90.00	0.00016
150.00	80.00	0.00019	150.00	70.00	0.00022
150.00	60.00	0.00027	150.00	50.00	0.00034
150.00	40.00	0.00045	150.00	30.00	0.00061
150.00	25.00	0.00073	150.00	20.00	0.00090
150.00	17.00	0.00103	150.00	15.00	0.00115
150.00	13.00	0.00128	150.00	11.00	0.00145
150.00	9.00	0.00166	150.00	-9.00	0.00528
150.00	-11.00	0.00555	150.00	-13.00	0.00573
150.00	-15.00	0.00583	150.00	-17.00	0.00585
150.00	-20.00	0.00579	150.00	-25.00	0.00553
150.00	-30.00	0.00517	150.00	-40.00	0.00440
150.00	-50.00	0.00368	150.00	-60.00	0.00304
150.00	-70.00	0.00250	150.00	-80.00	0.00206
150.00	-90.00	0.00170	150.00	-100.00	0.00141
160.00	100.00	0.00013	160.00	90.00	0.00015
160.00	80.00	0.00017	160.00	70.00	0.00021
160.00	60.00	0.00025	160.00	50.00	0.00032

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00041	160.00	30.00	0.00055
160.00	25.00	0.00066	160.00	20.00	0.00081
160.00	17.00	0.00093	160.00	15.00	0.00103
160.00	13.00	0.00114	160.00	11.00	0.00127
160.00	9.00	0.00143	160.00	-9.00	0.00371
160.00	-11.00	0.00393	160.00	-13.00	0.00413
160.00	-15.00	0.00430	160.00	-17.00	0.00443
160.00	-20.00	0.00457	160.00	-25.00	0.00462
160.00	-30.00	0.00451	160.00	-40.00	0.00405
160.00	-50.00	0.00349	160.00	-60.00	0.00296
160.00	-70.00	0.00249	160.00	-80.00	0.00208
160.00	-90.00	0.00174	160.00	-100.00	0.00146
170.00	100.00	0.00012	170.00	90.00	0.00014
170.00	80.00	0.00016	170.00	70.00	0.00019
170.00	60.00	0.00023	170.00	50.00	0.00029
170.00	40.00	0.00037	170.00	30.00	0.00051
170.00	25.00	0.00060	170.00	20.00	0.00073
170.00	17.00	0.00083	170.00	15.00	0.00091
170.00	13.00	0.00100	170.00	11.00	0.00110
170.00	9.00	0.00121	170.00	-9.00	0.00272
170.00	-11.00	0.00288	170.00	-13.00	0.00303
170.00	-15.00	0.00317	170.00	-17.00	0.00329

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00345	170.00	-25.00	0.00363
170.00	-30.00	0.00370	170.00	-40.00	0.00355
170.00	-50.00	0.00320	170.00	-60.00	0.00280
170.00	-70.00	0.00241	170.00	-80.00	0.00205
170.00	-90.00	0.00174	170.00	-100.00	0.00148
180.00	100.00	0.00011	180.00	90.00	0.00013
180.00	80.00	0.00015	180.00	70.00	0.00018
180.00	60.00	0.00022	180.00	50.00	0.00027
180.00	40.00	0.00035	180.00	30.00	0.00047
180.00	25.00	0.00055	180.00	20.00	0.00066
180.00	17.00	0.00074	180.00	15.00	0.00080
180.00	13.00	0.00086	180.00	11.00	0.00094

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00103	180.00	-9.00	0.00207
180.00	-11.00	0.00219	180.00	-13.00	0.00230
180.00	-15.00	0.00240	180.00	-17.00	0.00250
180.00	-20.00	0.00263	180.00	-25.00	0.00281
180.00	-30.00	0.00294	180.00	-40.00	0.00300
180.00	-50.00	0.00284	180.00	-60.00	0.00257
180.00	-70.00	0.00227	180.00	-80.00	0.00198
180.00	-90.00	0.00171	180.00	-100.00	0.00148
190.00	100.00	0.00011	190.00	90.00	0.00012
190.00	80.00	0.00014	190.00	70.00	0.00017
190.00	60.00	0.00020	190.00	50.00	0.00025
190.00	40.00	0.00032	190.00	30.00	0.00043
190.00	25.00	0.00050	190.00	20.00	0.00059
190.00	17.00	0.00065	190.00	15.00	0.00070
190.00	13.00	0.00075	190.00	11.00	0.00081
190.00	9.00	0.00088	190.00	-9.00	0.00163
190.00	-11.00	0.00172	190.00	-13.00	0.00180
190.00	-15.00	0.00187	190.00	-17.00	0.00195
190.00	-20.00	0.00205	190.00	-25.00	0.00221
190.00	-30.00	0.00233	190.00	-40.00	0.00247
190.00	-50.00	0.00245	190.00	-60.00	0.00231
190.00	-70.00	0.00210	190.00	-80.00	0.00188
190.00	-90.00	0.00165	190.00	-100.00	0.00145
200.00	100.00	0.00010	200.00	90.00	0.00011
200.00	80.00	0.00013	200.00	70.00	0.00016
200.00	60.00	0.00019	200.00	50.00	0.00024
200.00	40.00	0.00030	200.00	30.00	0.00039
200.00	25.00	0.00045	200.00	20.00	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00058	200.00	15.00	0.00062
200.00	13.00	0.00066	200.00	11.00	0.00070
200.00	9.00	0.00075	200.00	-9.00	0.00131
200.00	-11.00	0.00138	200.00	-13.00	0.00144
200.00	-15.00	0.00150	200.00	-17.00	0.00156
200.00	-20.00	0.00164	200.00	-25.00	0.00176

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00187	200.00	-40.00	0.00203
200.00	-50.00	0.00208	200.00	-60.00	0.00203
200.00	-70.00	0.00191	200.00	-80.00	0.00175
200.00	-90.00	0.00157	200.00	-100.00	0.00140
210.00	100.00	0.00009	210.00	90.00	0.00011
210.00	80.00	0.00012	210.00	70.00	0.00015
210.00	60.00	0.00018	210.00	50.00	0.00022
210.00	40.00	0.00028	210.00	30.00	0.00036
210.00	25.00	0.00041	210.00	20.00	0.00047
210.00	17.00	0.00051	210.00	15.00	0.00054
210.00	13.00	0.00058	210.00	11.00	0.00062
210.00	9.00	0.00065	210.00	-9.00	0.00108
210.00	-11.00	0.00113	210.00	-13.00	0.00118
210.00	-15.00	0.00123	210.00	-17.00	0.00127
210.00	-20.00	0.00134	210.00	-25.00	0.00144
210.00	-30.00	0.00152	210.00	-40.00	0.00167
210.00	-50.00	0.00175	210.00	-60.00	0.00176
210.00	-70.00	0.00171	210.00	-80.00	0.00160
210.00	-90.00	0.00147	210.00	-100.00	0.00133
220.00	100.00	0.00009	220.00	90.00	0.00010
220.00	80.00	0.00012	220.00	70.00	0.00014
220.00	60.00	0.00017	220.00	50.00	0.00021
220.00	40.00	0.00026	220.00	30.00	0.00033
220.00	25.00	0.00037	220.00	20.00	0.00042
220.00	17.00	0.00046	220.00	15.00	0.00048
220.00	13.00	0.00051	220.00	11.00	0.00054
220.00	9.00	0.00057	220.00	-9.00	0.00091
220.00	-11.00	0.00095	220.00	-13.00	0.00098
220.00	-15.00	0.00102	220.00	-17.00	0.00106
220.00	-20.00	0.00111	220.00	-25.00	0.00119
220.00	-30.00	0.00126	220.00	-40.00	0.00139
220.00	-50.00	0.00148	220.00	-60.00	0.00152
220.00	-70.00	0.00151	220.00	-80.00	0.00145
220.00	-90.00	0.00136	220.00	-100.00	0.00125

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00008	230.00	90.00	0.00010
230.00	80.00	0.00011	230.00	70.00	0.00014
230.00	60.00	0.00016	230.00	50.00	0.00020
230.00	40.00	0.00024	230.00	30.00	0.00030
230.00	25.00	0.00034	230.00	20.00	0.00038
230.00	17.00	0.00041	230.00	15.00	0.00043
230.00	13.00	0.00045	230.00	11.00	0.00048
230.00	9.00	0.00050	230.00	-9.00	0.00077
230.00	-11.00	0.00080	230.00	-13.00	0.00083
230.00	-15.00	0.00086	230.00	-17.00	0.00089
230.00	-20.00	0.00094	230.00	-25.00	0.00100
230.00	-30.00	0.00106	230.00	-40.00	0.00117
230.00	-50.00	0.00125	230.00	-60.00	0.00131
230.00	-70.00	0.00132	230.00	-80.00	0.00130
230.00	-90.00	0.00124	230.00	-100.00	0.00117
240.00	100.00	0.00008	240.00	90.00	0.00009
240.00	80.00	0.00011	240.00	70.00	0.00013
240.00	60.00	0.00016	240.00	50.00	0.00019
240.00	40.00	0.00022	240.00	30.00	0.00027
240.00	25.00	0.00031	240.00	20.00	0.00034
240.00	17.00	0.00037	240.00	15.00	0.00039
240.00	13.00	0.00041	240.00	11.00	0.00043
240.00	9.00	0.00045	240.00	-9.00	0.00066
240.00	-11.00	0.00069	240.00	-13.00	0.00071
240.00	-15.00	0.00074	240.00	-17.00	0.00076
240.00	-20.00	0.00080	240.00	-25.00	0.00085
240.00	-30.00	0.00090	240.00	-40.00	0.00100
240.00	-50.00	0.00107	240.00	-60.00	0.00113
240.00	-70.00	0.00116	240.00	-80.00	0.00116
240.00	-90.00	0.00113	240.00	-100.00	0.00108
250.00	100.00	0.00008	250.00	90.00	0.00009
250.00	80.00	0.00011	250.00	70.00	0.00013
250.00	60.00	0.00015	250.00	50.00	0.00017
250.00	40.00	0.00021	250.00	30.00	0.00025
250.00	25.00	0.00028	250.00	20.00	0.00031
250.00	17.00	0.00033	250.00	15.00	0.00035
250.00	13.00	0.00037	250.00	11.00	0.00038
250.00	9.00	0.00040	250.00	-9.00	0.00058
250.00	-11.00	0.00060	250.00	-13.00	0.00062
250.00	-15.00	0.00064	250.00	-17.00	0.00066

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12  
\*\*MODELOPTs:  
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00069	250.00	-25.00	0.00074	
250.00	-30.00	0.00078	250.00	-40.00	0.00086	
250.00	-50.00	0.00092	250.00	-60.00	0.00098	
250.00	-70.00	0.00101	250.00	-80.00	0.00103	
250.00	-90.00	0.00102	250.00	-100.00	0.00099	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00013	-250.00	90.00	0.00013	
-250.00	80.00	0.00013	-250.00	70.00	0.00014	
-250.00	60.00	0.00014	-250.00	50.00	0.00014	
-250.00	40.00	0.00013	-250.00	30.00	0.00013	
-250.00	25.00	0.00013	-250.00	20.00	0.00012	
-250.00	17.00	0.00012	-250.00	15.00	0.00012	
-250.00	13.00	0.00012	-250.00	11.00	0.00012	
-250.00	9.00	0.00012	-250.00	-9.00	0.00010	
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010	
-250.00	-15.00	0.00010	-250.00	-17.00	0.00010	
-250.00	-20.00	0.00010	-250.00	-25.00	0.00009	
-250.00	-30.00	0.00009	-250.00	-40.00	0.00008	
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007	
-250.00	-70.00	0.00006	-250.00	-80.00	0.00006	
-250.00	-90.00	0.00006	-250.00	-100.00	0.00006	
-240.00	100.00	0.00014	-240.00	90.00	0.00014	
-240.00	80.00	0.00014	-240.00	70.00	0.00015	
-240.00	60.00	0.00015	-240.00	50.00	0.00015	
-240.00	40.00	0.00015	-240.00	30.00	0.00014	
-240.00	25.00	0.00014	-240.00	20.00	0.00013	
-240.00	17.00	0.00013	-240.00	15.00	0.00013	
-240.00	13.00	0.00013	-240.00	11.00	0.00013	
-240.00	9.00	0.00013	-240.00	-9.00	0.00011	

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00011	-240.00	-17.00	0.00010
-240.00	-20.00	0.00010	-240.00	-25.00	0.00010
-240.00	-30.00	0.00009	-240.00	-40.00	0.00009
-240.00	-50.00	0.00008	-240.00	-60.00	0.00007
-240.00	-70.00	0.00007	-240.00	-80.00	0.00006
-240.00	-90.00	0.00006	-240.00	-100.00	0.00006
-230.00	100.00	0.00015	-230.00	90.00	0.00015
-230.00	80.00	0.00016	-230.00	70.00	0.00016
-230.00	60.00	0.00016	-230.00	50.00	0.00016
-230.00	40.00	0.00016	-230.00	30.00	0.00015
-230.00	25.00	0.00015	-230.00	20.00	0.00015
-230.00	17.00	0.00014	-230.00	15.00	0.00014
-230.00	13.00	0.00014	-230.00	11.00	0.00014
-230.00	9.00	0.00014	-230.00	-9.00	0.00012
-230.00	-11.00	0.00012	-230.00	-13.00	0.00012
-230.00	-15.00	0.00011	-230.00	-17.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00011	-230.00	-25.00	0.00011
-230.00	-30.00	0.00010	-230.00	-40.00	0.00009
-230.00	-50.00	0.00008	-230.00	-60.00	0.00008
-230.00	-70.00	0.00007	-230.00	-80.00	0.00007
-230.00	-90.00	0.00007	-230.00	-100.00	0.00007
-220.00	100.00	0.00016	-220.00	90.00	0.00017
-220.00	80.00	0.00017	-220.00	70.00	0.00017
-220.00	60.00	0.00017	-220.00	50.00	0.00017
-220.00	40.00	0.00017	-220.00	30.00	0.00017
-220.00	25.00	0.00016	-220.00	20.00	0.00016
-220.00	17.00	0.00016	-220.00	15.00	0.00016
-220.00	13.00	0.00015	-220.00	11.00	0.00015
-220.00	9.00	0.00015	-220.00	-9.00	0.00013
-220.00	-11.00	0.00013	-220.00	-13.00	0.00013
-220.00	-15.00	0.00012	-220.00	-17.00	0.00012
-220.00	-20.00	0.00012	-220.00	-25.00	0.00011
-220.00	-30.00	0.00011	-220.00	-40.00	0.00010





08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00022	-190.00	70.00	0.00022
-190.00	60.00	0.00023	-190.00	50.00	0.00023
-190.00	40.00	0.00023	-190.00	30.00	0.00022
-190.00	25.00	0.00022	-190.00	20.00	0.00021
-190.00	17.00	0.00021	-190.00	15.00	0.00021
-190.00	13.00	0.00021	-190.00	11.00	0.00020
-190.00	9.00	0.00020	-190.00	-9.00	0.00017
-190.00	-11.00	0.00017	-190.00	-13.00	0.00016
-190.00	-15.00	0.00016	-190.00	-17.00	0.00016
-190.00	-20.00	0.00015	-190.00	-25.00	0.00014
-190.00	-30.00	0.00013	-190.00	-40.00	0.00012
-190.00	-50.00	0.00011	-190.00	-60.00	0.00010
-190.00	-70.00	0.00010	-190.00	-80.00	0.00009
-190.00	-90.00	0.00009	-190.00	-100.00	0.00009
-180.00	100.00	0.00022	-180.00	90.00	0.00023
-180.00	80.00	0.00024	-180.00	70.00	0.00025
-180.00	60.00	0.00025	-180.00	50.00	0.00025
-180.00	40.00	0.00025	-180.00	30.00	0.00025
-180.00	25.00	0.00025	-180.00	20.00	0.00024
-180.00	17.00	0.00024	-180.00	15.00	0.00023
-180.00	13.00	0.00023	-180.00	11.00	0.00022
-180.00	9.00	0.00022	-180.00	-9.00	0.00019
-180.00	-11.00	0.00018	-180.00	-13.00	0.00018
-180.00	-15.00	0.00017	-180.00	-17.00	0.00017
-180.00	-20.00	0.00016	-180.00	-25.00	0.00016
-180.00	-30.00	0.00015	-180.00	-40.00	0.00013
-180.00	-50.00	0.00012	-180.00	-60.00	0.00011
-180.00	-70.00	0.00011	-180.00	-80.00	0.00010
-180.00	-90.00	0.00010	-180.00	-100.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTS:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00024	-170.00	90.00	0.00025
-170.00	80.00	0.00026	-170.00	70.00	0.00027
-170.00	60.00	0.00028	-170.00	50.00	0.00028
-170.00	40.00	0.00028	-170.00	30.00	0.00028
-170.00	25.00	0.00028	-170.00	20.00	0.00027

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00026	-170.00	15.00	0.00026
-170.00	13.00	0.00026	-170.00	11.00	0.00025
-170.00	9.00	0.00025	-170.00	-9.00	0.00021
-170.00	-11.00	0.00020	-170.00	-13.00	0.00020
-170.00	-15.00	0.00019	-170.00	-17.00	0.00019
-170.00	-20.00	0.00018	-170.00	-25.00	0.00017
-170.00	-30.00	0.00016	-170.00	-40.00	0.00014
-170.00	-50.00	0.00013	-170.00	-60.00	0.00012
-170.00	-70.00	0.00012	-170.00	-80.00	0.00011
-170.00	-90.00	0.00010	-170.00	-100.00	0.00010
-160.00	100.00	0.00026	-160.00	90.00	0.00028
-160.00	80.00	0.00029	-160.00	70.00	0.00030
-160.00	60.00	0.00031	-160.00	50.00	0.00031
-160.00	40.00	0.00032	-160.00	30.00	0.00031
-160.00	25.00	0.00031	-160.00	20.00	0.00030
-160.00	17.00	0.00030	-160.00	15.00	0.00029
-160.00	13.00	0.00029	-160.00	11.00	0.00028
-160.00	9.00	0.00028	-160.00	-9.00	0.00023
-160.00	-11.00	0.00022	-160.00	-13.00	0.00022
-160.00	-15.00	0.00021	-160.00	-17.00	0.00021
-160.00	-20.00	0.00020	-160.00	-25.00	0.00018
-160.00	-30.00	0.00017	-160.00	-40.00	0.00015
-160.00	-50.00	0.00014	-160.00	-60.00	0.00013
-160.00	-70.00	0.00013	-160.00	-80.00	0.00012
-160.00	-90.00	0.00011	-160.00	-100.00	0.00011
-150.00	100.00	0.00028	-150.00	90.00	0.00030
-150.00	80.00	0.00032	-150.00	70.00	0.00034
-150.00	60.00	0.00035	-150.00	50.00	0.00035
-150.00	40.00	0.00036	-150.00	30.00	0.00036
-150.00	25.00	0.00035	-150.00	20.00	0.00035
-150.00	17.00	0.00034	-150.00	15.00	0.00033
-150.00	13.00	0.00033	-150.00	11.00	0.00032
-150.00	9.00	0.00032	-150.00	-9.00	0.00026
-150.00	-11.00	0.00025	-150.00	-13.00	0.00024
-150.00	-15.00	0.00024	-150.00	-17.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:44:12  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00022	-150.00	-25.00	0.00020
-150.00	-30.00	0.00019	-150.00	-40.00	0.00017
-150.00	-50.00	0.00015	-150.00	-60.00	0.00015
-150.00	-70.00	0.00014	-150.00	-80.00	0.00013
-150.00	-90.00	0.00012	-150.00	-100.00	0.00011
-140.00	100.00	0.00030	-140.00	90.00	0.00032
-140.00	80.00	0.00035	-140.00	70.00	0.00037
-140.00	60.00	0.00039	-140.00	50.00	0.00040
-140.00	40.00	0.00040	-140.00	30.00	0.00041
-140.00	25.00	0.00040	-140.00	20.00	0.00040
-140.00	17.00	0.00039	-140.00	15.00	0.00038
-140.00	13.00	0.00038	-140.00	11.00	0.00037
-140.00	9.00	0.00036	-140.00	-9.00	0.00029
-140.00	-11.00	0.00028	-140.00	-13.00	0.00027
-140.00	-15.00	0.00026	-140.00	-17.00	0.00025
-140.00	-20.00	0.00024	-140.00	-25.00	0.00022
-140.00	-30.00	0.00021	-140.00	-40.00	0.00018
-140.00	-50.00	0.00017	-140.00	-60.00	0.00016
-140.00	-70.00	0.00015	-140.00	-80.00	0.00014
-140.00	-90.00	0.00013	-140.00	-100.00	0.00012
-130.00	100.00	0.00032	-130.00	90.00	0.00035
-130.00	80.00	0.00038	-130.00	70.00	0.00041
-130.00	60.00	0.00044	-130.00	50.00	0.00046
-130.00	40.00	0.00046	-130.00	30.00	0.00047
-130.00	25.00	0.00047	-130.00	20.00	0.00046
-130.00	17.00	0.00045	-130.00	15.00	0.00044
-130.00	13.00	0.00044	-130.00	11.00	0.00043
-130.00	9.00	0.00042	-130.00	-9.00	0.00033
-130.00	-11.00	0.00032	-130.00	-13.00	0.00030
-130.00	-15.00	0.00029	-130.00	-17.00	0.00028
-130.00	-20.00	0.00027	-130.00	-25.00	0.00025
-130.00	-30.00	0.00023	-130.00	-40.00	0.00021
-130.00	-50.00	0.00019	-130.00	-60.00	0.00018
-130.00	-70.00	0.00017	-130.00	-80.00	0.00015
-130.00	-90.00	0.00014	-130.00	-100.00	0.00014
-120.00	100.00	0.00034	-120.00	90.00	0.00037
-120.00	80.00	0.00041	-120.00	70.00	0.00045
-120.00	60.00	0.00049	-120.00	50.00	0.00052
-120.00	40.00	0.00054	-120.00	30.00	0.00054
-120.00	25.00	0.00054	-120.00	20.00	0.00054

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00053	-120.00	15.00	0.00052
-120.00	13.00	0.00051	-120.00	11.00	0.00050
-120.00	9.00	0.00049	-120.00	-9.00	0.00037
-120.00	-11.00	0.00036	-120.00	-13.00	0.00034
-120.00	-15.00	0.00033	-120.00	-17.00	0.00032
-120.00	-20.00	0.00030	-120.00	-25.00	0.00027
-120.00	-30.00	0.00026	-120.00	-40.00	0.00023
-120.00	-50.00	0.00021	-120.00	-60.00	0.00020
-120.00	-70.00	0.00018	-120.00	-80.00	0.00017
-120.00	-90.00	0.00016	-120.00	-100.00	0.00016
-110.00	100.00	0.00036	-110.00	90.00	0.00040
-110.00	80.00	0.00045	-110.00	70.00	0.00050
-110.00	60.00	0.00055	-110.00	50.00	0.00060
-110.00	40.00	0.00063	-110.00	30.00	0.00064
-110.00	25.00	0.00064	-110.00	20.00	0.00063
-110.00	17.00	0.00063	-110.00	15.00	0.00062
-110.00	13.00	0.00061	-110.00	11.00	0.00060
-110.00	9.00	0.00058	-110.00	-9.00	0.00043
-110.00	-11.00	0.00041	-110.00	-13.00	0.00039
-110.00	-15.00	0.00037	-110.00	-17.00	0.00036
-110.00	-20.00	0.00034	-110.00	-25.00	0.00031
-110.00	-30.00	0.00029	-110.00	-40.00	0.00026
-110.00	-50.00	0.00024	-110.00	-60.00	0.00022
-110.00	-70.00	0.00021	-110.00	-80.00	0.00020
-110.00	-90.00	0.00019	-110.00	-100.00	0.00018
-100.00	100.00	0.00037	-100.00	90.00	0.00042
-100.00	80.00	0.00048	-100.00	70.00	0.00055
-100.00	60.00	0.00062	-100.00	50.00	0.00068
-100.00	40.00	0.00073	-100.00	30.00	0.00076
-100.00	25.00	0.00076	-100.00	20.00	0.00076
-100.00	17.00	0.00075	-100.00	15.00	0.00074
-100.00	13.00	0.00073	-100.00	11.00	0.00072
-100.00	9.00	0.00070	-100.00	-9.00	0.00049
-100.00	-11.00	0.00047	-100.00	-13.00	0.00044
-100.00	-15.00	0.00042	-100.00	-17.00	0.00040
-100.00	-20.00	0.00038	-100.00	-25.00	0.00035
-100.00	-30.00	0.00033	-100.00	-40.00	0.00030

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00027	-100.00	-60.00	0.00025
-100.00	-70.00	0.00024	-100.00	-80.00	0.00023
-100.00	-90.00	0.00022	-100.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00038	-90.00	90.00	0.00044
-90.00	80.00	0.00052	-90.00	70.00	0.00060
-90.00	60.00	0.00068	-90.00	50.00	0.00077
-90.00	40.00	0.00086	-90.00	30.00	0.00091
-90.00	25.00	0.00093	-90.00	20.00	0.00092
-90.00	17.00	0.00091	-90.00	15.00	0.00091
-90.00	13.00	0.00089	-90.00	11.00	0.00088
-90.00	9.00	0.00086	-90.00	-9.00	0.00057
-90.00	-11.00	0.00054	-90.00	-13.00	0.00051
-90.00	-15.00	0.00048	-90.00	-17.00	0.00046
-90.00	-20.00	0.00043	-90.00	-25.00	0.00040
-90.00	-30.00	0.00037	-90.00	-40.00	0.00034
-90.00	-50.00	0.00031	-90.00	-60.00	0.00030
-90.00	-70.00	0.00028	-90.00	-80.00	0.00027
-90.00	-90.00	0.00026	-90.00	-100.00	0.00025
-80.00	100.00	0.00039	-80.00	90.00	0.00046
-80.00	80.00	0.00054	-80.00	70.00	0.00064
-80.00	60.00	0.00075	-80.00	50.00	0.00087
-80.00	40.00	0.00099	-80.00	30.00	0.00110
-80.00	25.00	0.00113	-80.00	20.00	0.00114
-80.00	17.00	0.00114	-80.00	15.00	0.00113
-80.00	13.00	0.00111	-80.00	11.00	0.00109
-80.00	9.00	0.00107	-80.00	-9.00	0.00065
-80.00	-11.00	0.00061	-80.00	-13.00	0.00058
-80.00	-15.00	0.00055	-80.00	-17.00	0.00053
-80.00	-20.00	0.00050	-80.00	-25.00	0.00046
-80.00	-30.00	0.00043	-80.00	-40.00	0.00039
-80.00	-50.00	0.00037	-80.00	-60.00	0.00036
-80.00	-70.00	0.00034	-80.00	-80.00	0.00032
-80.00	-90.00	0.00030	-80.00	-100.00	0.00028
-70.00	100.00	0.00038	-70.00	90.00	0.00046

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00055	-70.00	70.00	0.00066
-70.00	60.00	0.00080	-70.00	50.00	0.00096
-70.00	40.00	0.00114	-70.00	30.00	0.00131
-70.00	25.00	0.00138	-70.00	20.00	0.00143
-70.00	17.00	0.00143	-70.00	15.00	0.00143
-70.00	13.00	0.00142	-70.00	11.00	0.00139
-70.00	9.00	0.00136	-70.00	-9.00	0.00076
-70.00	-11.00	0.00071	-70.00	-13.00	0.00067
-70.00	-15.00	0.00063	-70.00	-17.00	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00057	-70.00	-25.00	0.00053
-70.00	-30.00	0.00051	-70.00	-40.00	0.00048
-70.00	-50.00	0.00046	-70.00	-60.00	0.00043
-70.00	-70.00	0.00040	-70.00	-80.00	0.00037
-70.00	-90.00	0.00035	-70.00	-100.00	0.00032
-60.00	100.00	0.00037	-60.00	90.00	0.00045
-60.00	80.00	0.00054	-60.00	70.00	0.00066
-60.00	60.00	0.00082	-60.00	50.00	0.00102
-60.00	40.00	0.00126	-60.00	30.00	0.00152
-60.00	25.00	0.00166	-60.00	20.00	0.00177
-60.00	17.00	0.00181	-60.00	15.00	0.00183
-60.00	13.00	0.00183	-60.00	11.00	0.00182
-60.00	9.00	0.00178	-60.00	-9.00	0.00087
-60.00	-11.00	0.00081	-60.00	-13.00	0.00077
-60.00	-15.00	0.00073	-60.00	-17.00	0.00071
-60.00	-20.00	0.00068	-60.00	-25.00	0.00066
-60.00	-30.00	0.00064	-60.00	-40.00	0.00060
-60.00	-50.00	0.00056	-60.00	-60.00	0.00052
-60.00	-70.00	0.00048	-60.00	-80.00	0.00044
-60.00	-90.00	0.00041	-60.00	-100.00	0.00037
-50.00	100.00	0.00035	-50.00	90.00	0.00043
-50.00	80.00	0.00053	-50.00	70.00	0.00065
-50.00	60.00	0.00082	-50.00	50.00	0.00103
-50.00	40.00	0.00131	-50.00	30.00	0.00165
-50.00	25.00	0.00185	-50.00	20.00	0.00206

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00218	-50.00	15.00	0.00225
-50.00	13.00	0.00232	-50.00	11.00	0.00238
-50.00	9.00	0.00240	-50.00	-9.00	0.00107
-50.00	-11.00	0.00101	-50.00	-13.00	0.00097
-50.00	-15.00	0.00094	-50.00	-17.00	0.00091
-50.00	-20.00	0.00088	-50.00	-25.00	0.00085
-50.00	-30.00	0.00082	-50.00	-40.00	0.00076
-50.00	-50.00	0.00070	-50.00	-60.00	0.00064
-50.00	-70.00	0.00058	-50.00	-80.00	0.00053
-50.00	-90.00	0.00048	-50.00	-100.00	0.00043
-40.00	100.00	0.00033	-40.00	90.00	0.00041
-40.00	80.00	0.00050	-40.00	70.00	0.00063
-40.00	60.00	0.00079	-40.00	50.00	0.00102
-40.00	40.00	0.00131	-40.00	30.00	0.00169
-40.00	25.00	0.00192	-40.00	20.00	0.00217

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00232	-40.00	15.00	0.00242
-40.00	13.00	0.00253	-40.00	11.00	0.00265
-40.00	9.00	0.00277	-40.00	-9.00	0.00195
-40.00	-11.00	0.00170	-40.00	-13.00	0.00154
-40.00	-15.00	0.00144	-40.00	-17.00	0.00136
-40.00	-20.00	0.00128	-40.00	-25.00	0.00118
-40.00	-30.00	0.00111	-40.00	-40.00	0.00100
-40.00	-50.00	0.00089	-40.00	-60.00	0.00079
-40.00	-70.00	0.00070	-40.00	-80.00	0.00063
-40.00	-90.00	0.00056	-40.00	-100.00	0.00050
-30.00	100.00	0.00031	-30.00	90.00	0.00038
-30.00	80.00	0.00047	-30.00	70.00	0.00059
-30.00	60.00	0.00075	-30.00	50.00	0.00098
-30.00	40.00	0.00129	-30.00	30.00	0.00170
-30.00	25.00	0.00195	-30.00	20.00	0.00223
-30.00	17.00	0.00241	-30.00	15.00	0.00254
-30.00	13.00	0.00266	-30.00	11.00	0.00280
-30.00	9.00	0.00297	-30.00	-9.00	0.00414
-30.00	-11.00	0.00358	-30.00	-13.00	0.00313



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00278	-30.00	-17.00	0.00250
-30.00	-20.00	0.00219	-30.00	-25.00	0.00186
-30.00	-30.00	0.00164	-30.00	-40.00	0.00134
-30.00	-50.00	0.00114	-30.00	-60.00	0.00098
-30.00	-70.00	0.00085	-30.00	-80.00	0.00074
-30.00	-90.00	0.00065	-30.00	-100.00	0.00057
-20.00	100.00	0.00028	-20.00	90.00	0.00034
-20.00	80.00	0.00043	-20.00	70.00	0.00055
-20.00	60.00	0.00070	-20.00	50.00	0.00093
-20.00	40.00	0.00124	-20.00	30.00	0.00168
-20.00	25.00	0.00194	-20.00	20.00	0.00225
-20.00	17.00	0.00245	-20.00	15.00	0.00259
-20.00	13.00	0.00275	-20.00	11.00	0.00293
-20.00	9.00	0.00315	-20.00	-9.00	0.00576
-20.00	-11.00	0.00524	-20.00	-13.00	0.00478
-20.00	-15.00	0.00436	-20.00	-17.00	0.00399
-20.00	-20.00	0.00350	-20.00	-25.00	0.00287
-20.00	-30.00	0.00242	-20.00	-40.00	0.00185
-20.00	-50.00	0.00149	-20.00	-60.00	0.00123
-20.00	-70.00	0.00103	-20.00	-80.00	0.00088
-20.00	-90.00	0.00075	-20.00	-100.00	0.00065

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00025	-10.00	90.00	0.00031
-10.00	80.00	0.00039	-10.00	70.00	0.00049
-10.00	60.00	0.00064	-10.00	50.00	0.00086
-10.00	40.00	0.00116	-10.00	30.00	0.00160
-10.00	25.00	0.00188	-10.00	20.00	0.00221
-10.00	17.00	0.00244	-10.00	15.00	0.00261
-10.00	13.00	0.00280	-10.00	11.00	0.00301
-10.00	9.00	0.00328	-10.00	-9.00	0.00676
-10.00	-11.00	0.00632	-10.00	-13.00	0.00591
-10.00	-15.00	0.00554	-10.00	-17.00	0.00518
-10.00	-20.00	0.00468	-10.00	-25.00	0.00393
-10.00	-30.00	0.00332	-10.00	-40.00	0.00245
-10.00	-50.00	0.00191	-10.00	-60.00	0.00153

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00125	-10.00	-80.00	0.00103
-10.00	-90.00	0.00087	-10.00	-100.00	0.00074
0.00	100.00	0.00022	0.00	90.00	0.00027
0.00	80.00	0.00034	0.00	70.00	0.00044
0.00	60.00	0.00057	0.00	50.00	0.00077
0.00	40.00	0.00105	0.00	30.00	0.00148
0.00	25.00	0.00177	0.00	20.00	0.00213
0.00	17.00	0.00238	0.00	15.00	0.00257
0.00	13.00	0.00278	0.00	11.00	0.00302
0.00	9.00	0.00332	0.00	-9.00	0.00740
0.00	-11.00	0.00701	0.00	-13.00	0.00665
0.00	-15.00	0.00631	0.00	-17.00	0.00599
0.00	-20.00	0.00552	0.00	-25.00	0.00479
0.00	-30.00	0.00413	0.00	-40.00	0.00309
0.00	-50.00	0.00236	0.00	-60.00	0.00184
0.00	-70.00	0.00148	0.00	-80.00	0.00120
0.00	-90.00	0.00100	0.00	-100.00	0.00084
10.00	100.00	0.00020	10.00	90.00	0.00024
10.00	80.00	0.00030	10.00	70.00	0.00038
10.00	60.00	0.00049	10.00	50.00	0.00066
10.00	40.00	0.00092	10.00	30.00	0.00132
10.00	25.00	0.00161	10.00	20.00	0.00198
10.00	17.00	0.00224	10.00	15.00	0.00245
10.00	13.00	0.00267	10.00	11.00	0.00294
10.00	9.00	0.00327	10.00	-9.00	0.00782
10.00	-11.00	0.00745	10.00	-13.00	0.00713
10.00	-15.00	0.00683	10.00	-17.00	0.00653

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 73

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00610	10.00	-25.00	0.00541
10.00	-30.00	0.00477	10.00	-40.00	0.00365
10.00	-50.00	0.00279	10.00	-60.00	0.00216
10.00	-70.00	0.00171	10.00	-80.00	0.00138
10.00	-90.00	0.00114	10.00	-100.00	0.00095
20.00	100.00	0.00018	20.00	90.00	0.00022
20.00	80.00	0.00027	20.00	70.00	0.00033

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00042	20.00	50.00	0.00055
20.00	40.00	0.00076	20.00	30.00	0.00112
20.00	25.00	0.00139	20.00	20.00	0.00174
20.00	17.00	0.00201	20.00	15.00	0.00222
20.00	13.00	0.00246	20.00	11.00	0.00274
20.00	9.00	0.00310	20.00	-9.00	0.00809
20.00	-11.00	0.00773	20.00	-13.00	0.00744
20.00	-15.00	0.00716	20.00	-17.00	0.00689
20.00	-20.00	0.00648	20.00	-25.00	0.00583
20.00	-30.00	0.00521	20.00	-40.00	0.00408
20.00	-50.00	0.00316	20.00	-60.00	0.00246
20.00	-70.00	0.00194	20.00	-80.00	0.00156
20.00	-90.00	0.00128	20.00	-100.00	0.00106
30.00	100.00	0.00017	30.00	90.00	0.00020
30.00	80.00	0.00024	30.00	70.00	0.00029
30.00	60.00	0.00036	30.00	50.00	0.00047
30.00	40.00	0.00063	30.00	30.00	0.00090
30.00	25.00	0.00112	30.00	20.00	0.00143
30.00	17.00	0.00167	30.00	15.00	0.00187
30.00	13.00	0.00210	30.00	11.00	0.00239
30.00	9.00	0.00275	30.00	-9.00	0.00823
30.00	-11.00	0.00790	30.00	-13.00	0.00762
30.00	-15.00	0.00736	30.00	-17.00	0.00710
30.00	-20.00	0.00671	30.00	-25.00	0.00607
30.00	-30.00	0.00547	30.00	-40.00	0.00437
30.00	-50.00	0.00345	30.00	-60.00	0.00271
30.00	-70.00	0.00215	30.00	-80.00	0.00173
30.00	-90.00	0.00141	30.00	-100.00	0.00117
40.00	100.00	0.00016	40.00	90.00	0.00019
40.00	80.00	0.00022	40.00	70.00	0.00026
40.00	60.00	0.00032	40.00	50.00	0.00041
40.00	40.00	0.00054	40.00	30.00	0.00076
40.00	25.00	0.00092	40.00	20.00	0.00114

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00132	40.00	15.00	0.00147

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00165	40.00	11.00	0.00188
40.00	9.00	0.00220	40.00	-9.00	0.00824
40.00	-11.00	0.00792	40.00	-13.00	0.00762
40.00	-15.00	0.00738	40.00	-17.00	0.00713
40.00	-20.00	0.00676	40.00	-25.00	0.00616
40.00	-30.00	0.00559	40.00	-40.00	0.00454
40.00	-50.00	0.00364	40.00	-60.00	0.00290
40.00	-70.00	0.00232	40.00	-80.00	0.00187
40.00	-90.00	0.00153	40.00	-100.00	0.00126
50.00	100.00	0.00015	50.00	90.00	0.00017
50.00	80.00	0.00020	50.00	70.00	0.00024
50.00	60.00	0.00030	50.00	50.00	0.00037
50.00	40.00	0.00049	50.00	30.00	0.00068
50.00	25.00	0.00082	50.00	20.00	0.00101
50.00	17.00	0.00116	50.00	15.00	0.00129
50.00	13.00	0.00144	50.00	11.00	0.00163
50.00	9.00	0.00187	50.00	-9.00	0.00744
50.00	-11.00	0.00739	50.00	-13.00	0.00723
50.00	-15.00	0.00704	50.00	-17.00	0.00686
50.00	-20.00	0.00656	50.00	-25.00	0.00604
50.00	-30.00	0.00552	50.00	-40.00	0.00456
50.00	-50.00	0.00372	50.00	-60.00	0.00301
50.00	-70.00	0.00244	50.00	-80.00	0.00198
50.00	-90.00	0.00162	50.00	-100.00	0.00135
60.00	100.00	0.00014	60.00	90.00	0.00016
60.00	80.00	0.00019	60.00	70.00	0.00022
60.00	60.00	0.00027	60.00	50.00	0.00034
60.00	40.00	0.00045	60.00	30.00	0.00061
60.00	25.00	0.00073	60.00	20.00	0.00090
60.00	17.00	0.00103	60.00	15.00	0.00115
60.00	13.00	0.00128	60.00	11.00	0.00145
60.00	9.00	0.00166	60.00	-9.00	0.00528
60.00	-11.00	0.00555	60.00	-13.00	0.00573
60.00	-15.00	0.00583	60.00	-17.00	0.00585
60.00	-20.00	0.00579	60.00	-25.00	0.00553
60.00	-30.00	0.00517	60.00	-40.00	0.00440
60.00	-50.00	0.00368	60.00	-60.00	0.00304
60.00	-70.00	0.00250	60.00	-80.00	0.00206
60.00	-90.00	0.00170	60.00	-100.00	0.00141

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00013	70.00	90.00	0.00015
70.00	80.00	0.00017	70.00	70.00	0.00021
70.00	60.00	0.00025	70.00	50.00	0.00032
70.00	40.00	0.00041	70.00	30.00	0.00055
70.00	25.00	0.00066	70.00	20.00	0.00081
70.00	17.00	0.00093	70.00	15.00	0.00103
70.00	13.00	0.00114	70.00	11.00	0.00127
70.00	9.00	0.00143	70.00	-9.00	0.00371
70.00	-11.00	0.00393	70.00	-13.00	0.00413
70.00	-15.00	0.00430	70.00	-17.00	0.00443
70.00	-20.00	0.00457	70.00	-25.00	0.00462
70.00	-30.00	0.00451	70.00	-40.00	0.00405
70.00	-50.00	0.00349	70.00	-60.00	0.00296
70.00	-70.00	0.00249	70.00	-80.00	0.00208
70.00	-90.00	0.00174	70.00	-100.00	0.00146
80.00	100.00	0.00012	80.00	90.00	0.00014
80.00	80.00	0.00016	80.00	70.00	0.00019
80.00	60.00	0.00023	80.00	50.00	0.00029
80.00	40.00	0.00037	80.00	30.00	0.00051
80.00	25.00	0.00060	80.00	20.00	0.00073
80.00	17.00	0.00083	80.00	15.00	0.00091
80.00	13.00	0.00100	80.00	11.00	0.00110
80.00	9.00	0.00121	80.00	-9.00	0.00272
80.00	-11.00	0.00288	80.00	-13.00	0.00303
80.00	-15.00	0.00317	80.00	-17.00	0.00329
80.00	-20.00	0.00345	80.00	-25.00	0.00363
80.00	-30.00	0.00370	80.00	-40.00	0.00355
80.00	-50.00	0.00320	80.00	-60.00	0.00280
80.00	-70.00	0.00241	80.00	-80.00	0.00205
80.00	-90.00	0.00174	80.00	-100.00	0.00148
90.00	100.00	0.00011	90.00	90.00	0.00013
90.00	80.00	0.00015	90.00	70.00	0.00018
90.00	60.00	0.00022	90.00	50.00	0.00027
90.00	40.00	0.00035	90.00	30.00	0.00047
90.00	25.00	0.00055	90.00	20.00	0.00066
90.00	17.00	0.00074	90.00	15.00	0.00080
90.00	13.00	0.00086	90.00	11.00	0.00094
90.00	9.00	0.00103	90.00	-9.00	0.00207
90.00	-11.00	0.00219	90.00	-13.00	0.00230

90.00 -15.00 0.00240 90.00 -17.00 0.00250

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00263	90.00	-25.00	0.00281
90.00	-30.00	0.00294	90.00	-40.00	0.00300
90.00	-50.00	0.00284	90.00	-60.00	0.00257
90.00	-70.00	0.00227	90.00	-80.00	0.00198
90.00	-90.00	0.00171	90.00	-100.00	0.00148
100.00	100.00	0.00011	100.00	90.00	0.00012
100.00	80.00	0.00014	100.00	70.00	0.00017
100.00	60.00	0.00020	100.00	50.00	0.00025
100.00	40.00	0.00032	100.00	30.00	0.00043
100.00	25.00	0.00050	100.00	20.00	0.00059
100.00	17.00	0.00065	100.00	15.00	0.00070
100.00	13.00	0.00075	100.00	11.00	0.00081
100.00	9.00	0.00088	100.00	-9.00	0.00163
100.00	-11.00	0.00172	100.00	-13.00	0.00180
100.00	-15.00	0.00187	100.00	-17.00	0.00195
100.00	-20.00	0.00205	100.00	-25.00	0.00221
100.00	-30.00	0.00233	100.00	-40.00	0.00247
100.00	-50.00	0.00245	100.00	-60.00	0.00231
100.00	-70.00	0.00210	100.00	-80.00	0.00188
100.00	-90.00	0.00165	100.00	-100.00	0.00145
110.00	100.00	0.00010	110.00	90.00	0.00011
110.00	80.00	0.00013	110.00	70.00	0.00016
110.00	60.00	0.00019	110.00	50.00	0.00024
110.00	40.00	0.00030	110.00	30.00	0.00039
110.00	25.00	0.00045	110.00	20.00	0.00052
110.00	17.00	0.00058	110.00	15.00	0.00062
110.00	13.00	0.00066	110.00	11.00	0.00070
110.00	9.00	0.00075	110.00	-9.00	0.00131
110.00	-11.00	0.00138	110.00	-13.00	0.00144
110.00	-15.00	0.00150	110.00	-17.00	0.00156
110.00	-20.00	0.00164	110.00	-25.00	0.00176
110.00	-30.00	0.00187	110.00	-40.00	0.00203
110.00	-50.00	0.00208	110.00	-60.00	0.00203

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00191	110.00	-80.00	0.00175
110.00	-90.00	0.00157	110.00	-100.00	0.00140
120.00	100.00	0.00009	120.00	90.00	0.00011
120.00	80.00	0.00012	120.00	70.00	0.00015
120.00	60.00	0.00018	120.00	50.00	0.00022
120.00	40.00	0.00028	120.00	30.00	0.00036
120.00	25.00	0.00041	120.00	20.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00051	120.00	15.00	0.00054
120.00	13.00	0.00058	120.00	11.00	0.00062
120.00	9.00	0.00065	120.00	-9.00	0.00108
120.00	-11.00	0.00113	120.00	-13.00	0.00118
120.00	-15.00	0.00123	120.00	-17.00	0.00127
120.00	-20.00	0.00134	120.00	-25.00	0.00144
120.00	-30.00	0.00152	120.00	-40.00	0.00167
120.00	-50.00	0.00175	120.00	-60.00	0.00176
120.00	-70.00	0.00171	120.00	-80.00	0.00160
120.00	-90.00	0.00147	120.00	-100.00	0.00133
130.00	100.00	0.00009	130.00	90.00	0.00010
130.00	80.00	0.00012	130.00	70.00	0.00014
130.00	60.00	0.00017	130.00	50.00	0.00021
130.00	40.00	0.00026	130.00	30.00	0.00033
130.00	25.00	0.00037	130.00	20.00	0.00042
130.00	17.00	0.00046	130.00	15.00	0.00048
130.00	13.00	0.00051	130.00	11.00	0.00054
130.00	9.00	0.00057	130.00	-9.00	0.00091
130.00	-11.00	0.00095	130.00	-13.00	0.00098
130.00	-15.00	0.00102	130.00	-17.00	0.00106
130.00	-20.00	0.00111	130.00	-25.00	0.00119
130.00	-30.00	0.00126	130.00	-40.00	0.00139
130.00	-50.00	0.00148	130.00	-60.00	0.00152
130.00	-70.00	0.00151	130.00	-80.00	0.00145
130.00	-90.00	0.00136	130.00	-100.00	0.00125
140.00	100.00	0.00008	140.00	90.00	0.00010
140.00	80.00	0.00011	140.00	70.00	0.00014

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00016	140.00	50.00	0.00020
140.00	40.00	0.00024	140.00	30.00	0.00030
140.00	25.00	0.00034	140.00	20.00	0.00038
140.00	17.00	0.00041	140.00	15.00	0.00043
140.00	13.00	0.00045	140.00	11.00	0.00048
140.00	9.00	0.00050	140.00	-9.00	0.00077
140.00	-11.00	0.00080	140.00	-13.00	0.00083
140.00	-15.00	0.00086	140.00	-17.00	0.00089
140.00	-20.00	0.00094	140.00	-25.00	0.00100
140.00	-30.00	0.00106	140.00	-40.00	0.00117
140.00	-50.00	0.00125	140.00	-60.00	0.00131
140.00	-70.00	0.00132	140.00	-80.00	0.00130
140.00	-90.00	0.00124	140.00	-100.00	0.00117

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00008	150.00	90.00	0.00009
150.00	80.00	0.00011	150.00	70.00	0.00013
150.00	60.00	0.00016	150.00	50.00	0.00019
150.00	40.00	0.00022	150.00	30.00	0.00027
150.00	25.00	0.00031	150.00	20.00	0.00034
150.00	17.00	0.00037	150.00	15.00	0.00039
150.00	13.00	0.00041	150.00	11.00	0.00043
150.00	9.00	0.00045	150.00	-9.00	0.00066
150.00	-11.00	0.00069	150.00	-13.00	0.00071
150.00	-15.00	0.00074	150.00	-17.00	0.00076
150.00	-20.00	0.00080	150.00	-25.00	0.00085
150.00	-30.00	0.00090	150.00	-40.00	0.00100
150.00	-50.00	0.00107	150.00	-60.00	0.00113
150.00	-70.00	0.00116	150.00	-80.00	0.00116
150.00	-90.00	0.00113	150.00	-100.00	0.00108
160.00	100.00	0.00008	160.00	90.00	0.00009
160.00	80.00	0.00011	160.00	70.00	0.00013
160.00	60.00	0.00015	160.00	50.00	0.00017
160.00	40.00	0.00021	160.00	30.00	0.00025
160.00	25.00	0.00028	160.00	20.00	0.00031
160.00	17.00	0.00033	160.00	15.00	0.00035



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00037	160.00	11.00	0.00038
160.00	9.00	0.00040	160.00	-9.00	0.00058
160.00	-11.00	0.00060	160.00	-13.00	0.00062
160.00	-15.00	0.00064	160.00	-17.00	0.00066
160.00	-20.00	0.00069	160.00	-25.00	0.00074
160.00	-30.00	0.00078	160.00	-40.00	0.00086
160.00	-50.00	0.00092	160.00	-60.00	0.00098
160.00	-70.00	0.00101	160.00	-80.00	0.00103
160.00	-90.00	0.00102	160.00	-100.00	0.00099
170.00	100.00	0.00008	170.00	90.00	0.00009
170.00	80.00	0.00010	170.00	70.00	0.00012
170.00	60.00	0.00014	170.00	50.00	0.00016
170.00	40.00	0.00019	170.00	30.00	0.00023
170.00	25.00	0.00026	170.00	20.00	0.00029
170.00	17.00	0.00030	170.00	15.00	0.00032
170.00	13.00	0.00033	170.00	11.00	0.00035
170.00	9.00	0.00036	170.00	-9.00	0.00051
170.00	-11.00	0.00052	170.00	-13.00	0.00054
170.00	-15.00	0.00056	170.00	-17.00	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00060	170.00	-25.00	0.00064
170.00	-30.00	0.00068	170.00	-40.00	0.00074
170.00	-50.00	0.00080	170.00	-60.00	0.00085
170.00	-70.00	0.00089	170.00	-80.00	0.00091
170.00	-90.00	0.00091	170.00	-100.00	0.00090
180.00	100.00	0.00007	180.00	90.00	0.00009
180.00	80.00	0.00010	180.00	70.00	0.00011
180.00	60.00	0.00013	180.00	50.00	0.00015
180.00	40.00	0.00018	180.00	30.00	0.00022
180.00	25.00	0.00024	180.00	20.00	0.00026
180.00	17.00	0.00028	180.00	15.00	0.00029
180.00	13.00	0.00030	180.00	11.00	0.00031
180.00	9.00	0.00033	180.00	-9.00	0.00045
180.00	-11.00	0.00046	180.00	-13.00	0.00048
180.00	-15.00	0.00049	180.00	-17.00	0.00051

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00053	180.00	-25.00	0.00056
180.00	-30.00	0.00059	180.00	-40.00	0.00065
180.00	-50.00	0.00070	180.00	-60.00	0.00075
180.00	-70.00	0.00078	180.00	-80.00	0.00081
180.00	-90.00	0.00082	180.00	-100.00	0.00082
190.00	100.00	0.00007	190.00	90.00	0.00008
190.00	80.00	0.00009	190.00	70.00	0.00011
190.00	60.00	0.00012	190.00	50.00	0.00014
190.00	40.00	0.00017	190.00	30.00	0.00020
190.00	25.00	0.00022	190.00	20.00	0.00024
190.00	17.00	0.00025	190.00	15.00	0.00026
190.00	13.00	0.00027	190.00	11.00	0.00028
190.00	9.00	0.00030	190.00	-9.00	0.00040
190.00	-11.00	0.00041	190.00	-13.00	0.00043
190.00	-15.00	0.00044	190.00	-17.00	0.00045
190.00	-20.00	0.00047	190.00	-25.00	0.00050
190.00	-30.00	0.00053	190.00	-40.00	0.00058
190.00	-50.00	0.00062	190.00	-60.00	0.00066
190.00	-70.00	0.00069	190.00	-80.00	0.00072
190.00	-90.00	0.00074	190.00	-100.00	0.00074
200.00	100.00	0.00007	200.00	90.00	0.00008
200.00	80.00	0.00009	200.00	70.00	0.00010
200.00	60.00	0.00012	200.00	50.00	0.00014
200.00	40.00	0.00016	200.00	30.00	0.00019
200.00	25.00	0.00020	200.00	20.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00023	200.00	15.00	0.00024
200.00	13.00	0.00025	200.00	11.00	0.00026
200.00	9.00	0.00027	200.00	-9.00	0.00036
200.00	-11.00	0.00037	200.00	-13.00	0.00038
200.00	-15.00	0.00039	200.00	-17.00	0.00040
200.00	-20.00	0.00042	200.00	-25.00	0.00044
200.00	-30.00	0.00047	200.00	-40.00	0.00051
200.00	-50.00	0.00055	200.00	-60.00	0.00059
200.00	-70.00	0.00062	200.00	-80.00	0.00064

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00066	200.00	-100.00	0.00067
210.00	100.00	0.00007	210.00	90.00	0.00008
210.00	80.00	0.00009	210.00	70.00	0.00010
210.00	60.00	0.00011	210.00	50.00	0.00013
210.00	40.00	0.00015	210.00	30.00	0.00017
210.00	25.00	0.00019	210.00	20.00	0.00021
210.00	17.00	0.00022	210.00	15.00	0.00022
210.00	13.00	0.00023	210.00	11.00	0.00024
210.00	9.00	0.00025	210.00	-9.00	0.00032
210.00	-11.00	0.00033	210.00	-13.00	0.00034
210.00	-15.00	0.00035	210.00	-17.00	0.00036
210.00	-20.00	0.00038	210.00	-25.00	0.00040
210.00	-30.00	0.00042	210.00	-40.00	0.00046
210.00	-50.00	0.00049	210.00	-60.00	0.00052
210.00	-70.00	0.00055	210.00	-80.00	0.00058
210.00	-90.00	0.00060	210.00	-100.00	0.00061
220.00	100.00	0.00007	220.00	90.00	0.00007
220.00	80.00	0.00008	220.00	70.00	0.00009
220.00	60.00	0.00011	220.00	50.00	0.00012
220.00	40.00	0.00014	220.00	30.00	0.00016
220.00	25.00	0.00018	220.00	20.00	0.00019
220.00	17.00	0.00020	220.00	15.00	0.00021
220.00	13.00	0.00021	220.00	11.00	0.00022
220.00	9.00	0.00023	220.00	-9.00	0.00029
220.00	-11.00	0.00030	220.00	-13.00	0.00031
220.00	-15.00	0.00032	220.00	-17.00	0.00033
220.00	-20.00	0.00034	220.00	-25.00	0.00036
220.00	-30.00	0.00038	220.00	-40.00	0.00041
220.00	-50.00	0.00044	220.00	-60.00	0.00047
220.00	-70.00	0.00050	220.00	-80.00	0.00052
220.00	-90.00	0.00054	220.00	-100.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00006	230.00	90.00	0.00007
230.00	80.00	0.00008	230.00	70.00	0.00009
230.00	60.00	0.00010	230.00	50.00	0.00011

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00013	230.00	30.00	0.00015
230.00	25.00	0.00016	230.00	20.00	0.00018
230.00	17.00	0.00019	230.00	15.00	0.00019
230.00	13.00	0.00020	230.00	11.00	0.00020
230.00	9.00	0.00021	230.00	-9.00	0.00027
230.00	-11.00	0.00028	230.00	-13.00	0.00028
230.00	-15.00	0.00029	230.00	-17.00	0.00030
230.00	-20.00	0.00031	230.00	-25.00	0.00032
230.00	-30.00	0.00034	230.00	-40.00	0.00037
230.00	-50.00	0.00040	230.00	-60.00	0.00043
230.00	-70.00	0.00045	230.00	-80.00	0.00047
230.00	-90.00	0.00049	230.00	-100.00	0.00050
240.00	100.00	0.00006	240.00	90.00	0.00007
240.00	80.00	0.00008	240.00	70.00	0.00008
240.00	60.00	0.00010	240.00	50.00	0.00011
240.00	40.00	0.00012	240.00	30.00	0.00014
240.00	25.00	0.00015	240.00	20.00	0.00017
240.00	17.00	0.00017	240.00	15.00	0.00018
240.00	13.00	0.00018	240.00	11.00	0.00019
240.00	9.00	0.00019	240.00	-9.00	0.00025
240.00	-11.00	0.00025	240.00	-13.00	0.00026
240.00	-15.00	0.00026	240.00	-17.00	0.00027
240.00	-20.00	0.00028	240.00	-25.00	0.00030
240.00	-30.00	0.00031	240.00	-40.00	0.00034
240.00	-50.00	0.00036	240.00	-60.00	0.00039
240.00	-70.00	0.00041	240.00	-80.00	0.00043
240.00	-90.00	0.00044	240.00	-100.00	0.00046
250.00	100.00	0.00006	250.00	90.00	0.00007
250.00	80.00	0.00007	250.00	70.00	0.00008
250.00	60.00	0.00009	250.00	50.00	0.00010
250.00	40.00	0.00012	250.00	30.00	0.00013
250.00	25.00	0.00014	250.00	20.00	0.00015
250.00	17.00	0.00016	250.00	15.00	0.00017
250.00	13.00	0.00017	250.00	11.00	0.00018
250.00	9.00	0.00018	250.00	-9.00	0.00023
250.00	-11.00	0.00023	250.00	-13.00	0.00024
250.00	-15.00	0.00024	250.00	-17.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00026	250.00	-25.00	0.00027
250.00	-30.00	0.00028	250.00	-40.00	0.00031
250.00	-50.00	0.00033	250.00	-60.00	0.00035
250.00	-70.00	0.00037	250.00	-80.00	0.00039
250.00	-90.00	0.00040	250.00	-100.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00026	-250.00	90.00	0.00028
-250.00	80.00	0.00029	-250.00	70.00	0.00030
-250.00	60.00	0.00031	-250.00	50.00	0.00031
-250.00	40.00	0.00032	-250.00	30.00	0.00031
-250.00	25.00	0.00031	-250.00	20.00	0.00030
-250.00	17.00	0.00030	-250.00	15.00	0.00029
-250.00	13.00	0.00029	-250.00	11.00	0.00028
-250.00	9.00	0.00028	-250.00	-9.00	0.00023
-250.00	-11.00	0.00022	-250.00	-13.00	0.00022
-250.00	-15.00	0.00021	-250.00	-17.00	0.00021
-250.00	-20.00	0.00020	-250.00	-25.00	0.00018
-250.00	-30.00	0.00017	-250.00	-40.00	0.00015
-250.00	-50.00	0.00014	-250.00	-60.00	0.00013
-250.00	-70.00	0.00013	-250.00	-80.00	0.00012
-250.00	-90.00	0.00011	-250.00	-100.00	0.00011
-240.00	100.00	0.00028	-240.00	90.00	0.00030
-240.00	80.00	0.00032	-240.00	70.00	0.00034
-240.00	60.00	0.00035	-240.00	50.00	0.00035
-240.00	40.00	0.00036	-240.00	30.00	0.00036
-240.00	25.00	0.00035	-240.00	20.00	0.00035
-240.00	17.00	0.00034	-240.00	15.00	0.00033
-240.00	13.00	0.00033	-240.00	11.00	0.00032
-240.00	9.00	0.00032	-240.00	-9.00	0.00026
-240.00	-11.00	0.00025	-240.00	-13.00	0.00024
-240.00	-15.00	0.00024	-240.00	-17.00	0.00023
-240.00	-20.00	0.00022	-240.00	-25.00	0.00020

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00019	-240.00	-40.00	0.00017
-240.00	-50.00	0.00015	-240.00	-60.00	0.00015
-240.00	-70.00	0.00014	-240.00	-80.00	0.00013
-240.00	-90.00	0.00012	-240.00	-100.00	0.00011
-230.00	100.00	0.00030	-230.00	90.00	0.00032
-230.00	80.00	0.00035	-230.00	70.00	0.00037
-230.00	60.00	0.00039	-230.00	50.00	0.00040
-230.00	40.00	0.00040	-230.00	30.00	0.00041
-230.00	25.00	0.00040	-230.00	20.00	0.00040
-230.00	17.00	0.00039	-230.00	15.00	0.00038
-230.00	13.00	0.00038	-230.00	11.00	0.00037
-230.00	9.00	0.00036	-230.00	-9.00	0.00029
-230.00	-11.00	0.00028	-230.00	-13.00	0.00027
-230.00	-15.00	0.00026	-230.00	-17.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00024	-230.00	-25.00	0.00022
-230.00	-30.00	0.00021	-230.00	-40.00	0.00018
-230.00	-50.00	0.00017	-230.00	-60.00	0.00016
-230.00	-70.00	0.00015	-230.00	-80.00	0.00014
-230.00	-90.00	0.00013	-230.00	-100.00	0.00012
-220.00	100.00	0.00032	-220.00	90.00	0.00035
-220.00	80.00	0.00038	-220.00	70.00	0.00041
-220.00	60.00	0.00044	-220.00	50.00	0.00046
-220.00	40.00	0.00046	-220.00	30.00	0.00047
-220.00	25.00	0.00047	-220.00	20.00	0.00046
-220.00	17.00	0.00045	-220.00	15.00	0.00044
-220.00	13.00	0.00044	-220.00	11.00	0.00043
-220.00	9.00	0.00042	-220.00	-9.00	0.00033
-220.00	-11.00	0.00032	-220.00	-13.00	0.00030
-220.00	-15.00	0.00029	-220.00	-17.00	0.00028
-220.00	-20.00	0.00027	-220.00	-25.00	0.00025
-220.00	-30.00	0.00023	-220.00	-40.00	0.00021
-220.00	-50.00	0.00019	-220.00	-60.00	0.00018
-220.00	-70.00	0.00017	-220.00	-80.00	0.00015
-220.00	-90.00	0.00014	-220.00	-100.00	0.00014



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00076	-190.00	20.00	0.00076
-190.00	17.00	0.00075	-190.00	15.00	0.00074
-190.00	13.00	0.00073	-190.00	11.00	0.00072
-190.00	9.00	0.00070	-190.00	-9.00	0.00049
-190.00	-11.00	0.00047	-190.00	-13.00	0.00044
-190.00	-15.00	0.00042	-190.00	-17.00	0.00040
-190.00	-20.00	0.00038	-190.00	-25.00	0.00035
-190.00	-30.00	0.00033	-190.00	-40.00	0.00030
-190.00	-50.00	0.00027	-190.00	-60.00	0.00025
-190.00	-70.00	0.00024	-190.00	-80.00	0.00023
-190.00	-90.00	0.00022	-190.00	-100.00	0.00021
-180.00	100.00	0.00038	-180.00	90.00	0.00044
-180.00	80.00	0.00052	-180.00	70.00	0.00060
-180.00	60.00	0.00068	-180.00	50.00	0.00077
-180.00	40.00	0.00086	-180.00	30.00	0.00091
-180.00	25.00	0.00093	-180.00	20.00	0.00092
-180.00	17.00	0.00091	-180.00	15.00	0.00091
-180.00	13.00	0.00089	-180.00	11.00	0.00088
-180.00	9.00	0.00086	-180.00	-9.00	0.00057
-180.00	-11.00	0.00054	-180.00	-13.00	0.00051
-180.00	-15.00	0.00048	-180.00	-17.00	0.00046
-180.00	-20.00	0.00043	-180.00	-25.00	0.00040
-180.00	-30.00	0.00037	-180.00	-40.00	0.00034
-180.00	-50.00	0.00031	-180.00	-60.00	0.00030
-180.00	-70.00	0.00028	-180.00	-80.00	0.00027
-180.00	-90.00	0.00026	-180.00	-100.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00039	-170.00	90.00	0.00046
-170.00	80.00	0.00054	-170.00	70.00	0.00064
-170.00	60.00	0.00075	-170.00	50.00	0.00087
-170.00	40.00	0.00099	-170.00	30.00	0.00110
-170.00	25.00	0.00113	-170.00	20.00	0.00114
-170.00	17.00	0.00114	-170.00	15.00	0.00113
-170.00	13.00	0.00111	-170.00	11.00	0.00109
-170.00	9.00	0.00107	-170.00	-9.00	0.00065



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00061	-170.00	-13.00	0.00058
-170.00	-15.00	0.00055	-170.00	-17.00	0.00053
-170.00	-20.00	0.00050	-170.00	-25.00	0.00046
-170.00	-30.00	0.00043	-170.00	-40.00	0.00039
-170.00	-50.00	0.00037	-170.00	-60.00	0.00036
-170.00	-70.00	0.00034	-170.00	-80.00	0.00032
-170.00	-90.00	0.00030	-170.00	-100.00	0.00028
-160.00	100.00	0.00038	-160.00	90.00	0.00046
-160.00	80.00	0.00055	-160.00	70.00	0.00066
-160.00	60.00	0.00080	-160.00	50.00	0.00096
-160.00	40.00	0.00114	-160.00	30.00	0.00131
-160.00	25.00	0.00138	-160.00	20.00	0.00143
-160.00	17.00	0.00143	-160.00	15.00	0.00143
-160.00	13.00	0.00142	-160.00	11.00	0.00139
-160.00	9.00	0.00136	-160.00	-9.00	0.00076
-160.00	-11.00	0.00071	-160.00	-13.00	0.00067
-160.00	-15.00	0.00063	-160.00	-17.00	0.00061
-160.00	-20.00	0.00057	-160.00	-25.00	0.00053
-160.00	-30.00	0.00051	-160.00	-40.00	0.00048
-160.00	-50.00	0.00046	-160.00	-60.00	0.00043
-160.00	-70.00	0.00040	-160.00	-80.00	0.00037
-160.00	-90.00	0.00035	-160.00	-100.00	0.00032
-150.00	100.00	0.00037	-150.00	90.00	0.00045
-150.00	80.00	0.00054	-150.00	70.00	0.00066
-150.00	60.00	0.00082	-150.00	50.00	0.00102
-150.00	40.00	0.00126	-150.00	30.00	0.00152
-150.00	25.00	0.00166	-150.00	20.00	0.00177
-150.00	17.00	0.00181	-150.00	15.00	0.00183
-150.00	13.00	0.00183	-150.00	11.00	0.00182
-150.00	9.00	0.00178	-150.00	-9.00	0.00087
-150.00	-11.00	0.00081	-150.00	-13.00	0.00077
-150.00	-15.00	0.00073	-150.00	-17.00	0.00071

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00068	-150.00	-25.00	0.00066
-150.00	-30.00	0.00064	-150.00	-40.00	0.00060

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00056	-150.00	-60.00	0.00052
-150.00	-70.00	0.00048	-150.00	-80.00	0.00044
-150.00	-90.00	0.00041	-150.00	-100.00	0.00037
-140.00	100.00	0.00035	-140.00	90.00	0.00043
-140.00	80.00	0.00053	-140.00	70.00	0.00065
-140.00	60.00	0.00082	-140.00	50.00	0.00103
-140.00	40.00	0.00131	-140.00	30.00	0.00165
-140.00	25.00	0.00185	-140.00	20.00	0.00206
-140.00	17.00	0.00218	-140.00	15.00	0.00225
-140.00	13.00	0.00232	-140.00	11.00	0.00238
-140.00	9.00	0.00240	-140.00	-9.00	0.00107
-140.00	-11.00	0.00101	-140.00	-13.00	0.00097
-140.00	-15.00	0.00094	-140.00	-17.00	0.00091
-140.00	-20.00	0.00088	-140.00	-25.00	0.00085
-140.00	-30.00	0.00082	-140.00	-40.00	0.00076
-140.00	-50.00	0.00070	-140.00	-60.00	0.00064
-140.00	-70.00	0.00058	-140.00	-80.00	0.00053
-140.00	-90.00	0.00048	-140.00	-100.00	0.00043
-130.00	100.00	0.00033	-130.00	90.00	0.00041
-130.00	80.00	0.00050	-130.00	70.00	0.00063
-130.00	60.00	0.00079	-130.00	50.00	0.00102
-130.00	40.00	0.00131	-130.00	30.00	0.00169
-130.00	25.00	0.00192	-130.00	20.00	0.00217
-130.00	17.00	0.00232	-130.00	15.00	0.00242
-130.00	13.00	0.00253	-130.00	11.00	0.00265
-130.00	9.00	0.00277	-130.00	-9.00	0.00195
-130.00	-11.00	0.00170	-130.00	-13.00	0.00154
-130.00	-15.00	0.00144	-130.00	-17.00	0.00136
-130.00	-20.00	0.00128	-130.00	-25.00	0.00118
-130.00	-30.00	0.00111	-130.00	-40.00	0.00100
-130.00	-50.00	0.00089	-130.00	-60.00	0.00079
-130.00	-70.00	0.00070	-130.00	-80.00	0.00063
-130.00	-90.00	0.00056	-130.00	-100.00	0.00050
-120.00	100.00	0.00031	-120.00	90.00	0.00038
-120.00	80.00	0.00047	-120.00	70.00	0.00059
-120.00	60.00	0.00075	-120.00	50.00	0.00098
-120.00	40.00	0.00129	-120.00	30.00	0.00170
-120.00	25.00	0.00195	-120.00	20.00	0.00223

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

08NCRA PL93-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00241	-120.00	15.00	0.00254
-120.00	13.00	0.00266	-120.00	11.00	0.00280
-120.00	9.00	0.00297	-120.00	-9.00	0.00414
-120.00	-11.00	0.00358	-120.00	-13.00	0.00313
-120.00	-15.00	0.00278	-120.00	-17.00	0.00250
-120.00	-20.00	0.00219	-120.00	-25.00	0.00186
-120.00	-30.00	0.00164	-120.00	-40.00	0.00134
-120.00	-50.00	0.00114	-120.00	-60.00	0.00098
-120.00	-70.00	0.00085	-120.00	-80.00	0.00074
-120.00	-90.00	0.00065	-120.00	-100.00	0.00057
-110.00	100.00	0.00028	-110.00	90.00	0.00034
-110.00	80.00	0.00043	-110.00	70.00	0.00055
-110.00	60.00	0.00070	-110.00	50.00	0.00093
-110.00	40.00	0.00124	-110.00	30.00	0.00168
-110.00	25.00	0.00194	-110.00	20.00	0.00225
-110.00	17.00	0.00245	-110.00	15.00	0.00259
-110.00	13.00	0.00275	-110.00	11.00	0.00293
-110.00	9.00	0.00315	-110.00	-9.00	0.00576
-110.00	-11.00	0.00524	-110.00	-13.00	0.00478
-110.00	-15.00	0.00436	-110.00	-17.00	0.00399
-110.00	-20.00	0.00350	-110.00	-25.00	0.00287
-110.00	-30.00	0.00242	-110.00	-40.00	0.00185
-110.00	-50.00	0.00149	-110.00	-60.00	0.00123
-110.00	-70.00	0.00103	-110.00	-80.00	0.00088
-110.00	-90.00	0.00075	-110.00	-100.00	0.00065
-100.00	100.00	0.00025	-100.00	90.00	0.00031
-100.00	80.00	0.00039	-100.00	70.00	0.00049
-100.00	60.00	0.00064	-100.00	50.00	0.00086
-100.00	40.00	0.00116	-100.00	30.00	0.00160
-100.00	25.00	0.00188	-100.00	20.00	0.00221
-100.00	17.00	0.00244	-100.00	15.00	0.00261
-100.00	13.00	0.00280	-100.00	11.00	0.00301
-100.00	9.00	0.00328	-100.00	-9.00	0.00676
-100.00	-11.00	0.00632	-100.00	-13.00	0.00591
-100.00	-15.00	0.00554	-100.00	-17.00	0.00518
-100.00	-20.00	0.00468	-100.00	-25.00	0.00393
-100.00	-30.00	0.00332	-100.00	-40.00	0.00245
-100.00	-50.00	0.00191	-100.00	-60.00	0.00153
-100.00	-70.00	0.00125	-100.00	-80.00	0.00103
-100.00	-90.00	0.00087	-100.00	-100.00	0.00074

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00022	-90.00	90.00	0.00027
-90.00	80.00	0.00034	-90.00	70.00	0.00044
-90.00	60.00	0.00057	-90.00	50.00	0.00077
-90.00	40.00	0.00105	-90.00	30.00	0.00148
-90.00	25.00	0.00177	-90.00	20.00	0.00213
-90.00	17.00	0.00238	-90.00	15.00	0.00257
-90.00	13.00	0.00278	-90.00	11.00	0.00302
-90.00	9.00	0.00332	-90.00	-9.00	0.00740
-90.00	-11.00	0.00701	-90.00	-13.00	0.00665
-90.00	-15.00	0.00631	-90.00	-17.00	0.00599
-90.00	-20.00	0.00552	-90.00	-25.00	0.00479
-90.00	-30.00	0.00413	-90.00	-40.00	0.00309
-90.00	-50.00	0.00236	-90.00	-60.00	0.00184
-90.00	-70.00	0.00148	-90.00	-80.00	0.00120
-90.00	-90.00	0.00100	-90.00	-100.00	0.00084
-80.00	100.00	0.00020	-80.00	90.00	0.00024
-80.00	80.00	0.00030	-80.00	70.00	0.00038
-80.00	60.00	0.00049	-80.00	50.00	0.00066
-80.00	40.00	0.00092	-80.00	30.00	0.00132
-80.00	25.00	0.00161	-80.00	20.00	0.00198
-80.00	17.00	0.00224	-80.00	15.00	0.00245
-80.00	13.00	0.00267	-80.00	11.00	0.00294
-80.00	9.00	0.00327	-80.00	-9.00	0.00782
-80.00	-11.00	0.00745	-80.00	-13.00	0.00713
-80.00	-15.00	0.00683	-80.00	-17.00	0.00653
-80.00	-20.00	0.00610	-80.00	-25.00	0.00541
-80.00	-30.00	0.00477	-80.00	-40.00	0.00365
-80.00	-50.00	0.00279	-80.00	-60.00	0.00216
-80.00	-70.00	0.00171	-80.00	-80.00	0.00138
-80.00	-90.00	0.00114	-80.00	-100.00	0.00095
-70.00	100.00	0.00018	-70.00	90.00	0.00022
-70.00	80.00	0.00027	-70.00	70.00	0.00033
-70.00	60.00	0.00042	-70.00	50.00	0.00055
-70.00	40.00	0.00076	-70.00	30.00	0.00112

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00139	-70.00	20.00	0.00174
-70.00	17.00	0.00201	-70.00	15.00	0.00222
-70.00	13.00	0.00246	-70.00	11.00	0.00274
-70.00	9.00	0.00310	-70.00	-9.00	0.00809
-70.00	-11.00	0.00773	-70.00	-13.00	0.00744
-70.00	-15.00	0.00716	-70.00	-17.00	0.00689

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00648	-70.00	-25.00	0.00583
-70.00	-30.00	0.00521	-70.00	-40.00	0.00408
-70.00	-50.00	0.00316	-70.00	-60.00	0.00246
-70.00	-70.00	0.00194	-70.00	-80.00	0.00156
-70.00	-90.00	0.00128	-70.00	-100.00	0.00106
-60.00	100.00	0.00017	-60.00	90.00	0.00020
-60.00	80.00	0.00024	-60.00	70.00	0.00029
-60.00	60.00	0.00036	-60.00	50.00	0.00047
-60.00	40.00	0.00063	-60.00	30.00	0.00090
-60.00	25.00	0.00112	-60.00	20.00	0.00143
-60.00	17.00	0.00167	-60.00	15.00	0.00187
-60.00	13.00	0.00210	-60.00	11.00	0.00239
-60.00	9.00	0.00275	-60.00	-9.00	0.00823
-60.00	-11.00	0.00790	-60.00	-13.00	0.00762
-60.00	-15.00	0.00736	-60.00	-17.00	0.00710
-60.00	-20.00	0.00671	-60.00	-25.00	0.00607
-60.00	-30.00	0.00547	-60.00	-40.00	0.00437
-60.00	-50.00	0.00345	-60.00	-60.00	0.00271
-60.00	-70.00	0.00215	-60.00	-80.00	0.00173
-60.00	-90.00	0.00141	-60.00	-100.00	0.00117
-50.00	100.00	0.00016	-50.00	90.00	0.00019
-50.00	80.00	0.00022	-50.00	70.00	0.00026
-50.00	60.00	0.00032	-50.00	50.00	0.00041
-50.00	40.00	0.00054	-50.00	30.00	0.00076
-50.00	25.00	0.00092	-50.00	20.00	0.00114
-50.00	17.00	0.00132	-50.00	15.00	0.00147
-50.00	13.00	0.00165	-50.00	11.00	0.00188
-50.00	9.00	0.00220	-50.00	-9.00	0.00824

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00792	-50.00	-13.00	0.00762
-50.00	-15.00	0.00738	-50.00	-17.00	0.00713
-50.00	-20.00	0.00676	-50.00	-25.00	0.00616
-50.00	-30.00	0.00559	-50.00	-40.00	0.00454
-50.00	-50.00	0.00364	-50.00	-60.00	0.00290
-50.00	-70.00	0.00232	-50.00	-80.00	0.00187
-50.00	-90.00	0.00153	-50.00	-100.00	0.00126
-40.00	100.00	0.00015	-40.00	90.00	0.00017
-40.00	80.00	0.00020	-40.00	70.00	0.00024
-40.00	60.00	0.00030	-40.00	50.00	0.00037
-40.00	40.00	0.00049	-40.00	30.00	0.00068
-40.00	25.00	0.00082	-40.00	20.00	0.00101

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00116	-40.00	15.00	0.00129
-40.00	13.00	0.00144	-40.00	11.00	0.00163
-40.00	9.00	0.00187	-40.00	-9.00	0.00744
-40.00	-11.00	0.00739	-40.00	-13.00	0.00723
-40.00	-15.00	0.00704	-40.00	-17.00	0.00686
-40.00	-20.00	0.00656	-40.00	-25.00	0.00604
-40.00	-30.00	0.00552	-40.00	-40.00	0.00456
-40.00	-50.00	0.00372	-40.00	-60.00	0.00301
-40.00	-70.00	0.00244	-40.00	-80.00	0.00198
-40.00	-90.00	0.00162	-40.00	-100.00	0.00135
-30.00	100.00	0.00014	-30.00	90.00	0.00016
-30.00	80.00	0.00019	-30.00	70.00	0.00022
-30.00	60.00	0.00027	-30.00	50.00	0.00034
-30.00	40.00	0.00045	-30.00	30.00	0.00061
-30.00	25.00	0.00073	-30.00	20.00	0.00090
-30.00	17.00	0.00103	-30.00	15.00	0.00115
-30.00	13.00	0.00128	-30.00	11.00	0.00145
-30.00	9.00	0.00166	-30.00	-9.00	0.00528
-30.00	-11.00	0.00555	-30.00	-13.00	0.00573
-30.00	-15.00	0.00583	-30.00	-17.00	0.00585
-30.00	-20.00	0.00579	-30.00	-25.00	0.00553
-30.00	-30.00	0.00517	-30.00	-40.00	0.00440

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00368	-30.00	-60.00	0.00304
-30.00	-70.00	0.00250	-30.00	-80.00	0.00206
-30.00	-90.00	0.00170	-30.00	-100.00	0.00141
-20.00	100.00	0.00013	-20.00	90.00	0.00015
-20.00	80.00	0.00017	-20.00	70.00	0.00021
-20.00	60.00	0.00025	-20.00	50.00	0.00032
-20.00	40.00	0.00041	-20.00	30.00	0.00055
-20.00	25.00	0.00066	-20.00	20.00	0.00081
-20.00	17.00	0.00093	-20.00	15.00	0.00103
-20.00	13.00	0.00114	-20.00	11.00	0.00127
-20.00	9.00	0.00143	-20.00	-9.00	0.00371
-20.00	-11.00	0.00393	-20.00	-13.00	0.00413
-20.00	-15.00	0.00430	-20.00	-17.00	0.00443
-20.00	-20.00	0.00457	-20.00	-25.00	0.00462
-20.00	-30.00	0.00451	-20.00	-40.00	0.00405
-20.00	-50.00	0.00349	-20.00	-60.00	0.00296
-20.00	-70.00	0.00249	-20.00	-80.00	0.00208
-20.00	-90.00	0.00174	-20.00	-100.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00012	-10.00	90.00	0.00014
-10.00	80.00	0.00016	-10.00	70.00	0.00019
-10.00	60.00	0.00023	-10.00	50.00	0.00029
-10.00	40.00	0.00037	-10.00	30.00	0.00051
-10.00	25.00	0.00060	-10.00	20.00	0.00073
-10.00	17.00	0.00083	-10.00	15.00	0.00091
-10.00	13.00	0.00100	-10.00	11.00	0.00110
-10.00	9.00	0.00121	-10.00	-9.00	0.00272
-10.00	-11.00	0.00288	-10.00	-13.00	0.00303
-10.00	-15.00	0.00317	-10.00	-17.00	0.00329
-10.00	-20.00	0.00345	-10.00	-25.00	0.00363
-10.00	-30.00	0.00370	-10.00	-40.00	0.00355
-10.00	-50.00	0.00320	-10.00	-60.00	0.00280
-10.00	-70.00	0.00241	-10.00	-80.00	0.00205
-10.00	-90.00	0.00174	-10.00	-100.00	0.00148
0.00	100.00	0.00011	0.00	90.00	0.00013

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00015	0.00	70.00	0.00018
0.00	60.00	0.00022	0.00	50.00	0.00027
0.00	40.00	0.00035	0.00	30.00	0.00047
0.00	25.00	0.00055	0.00	20.00	0.00066
0.00	17.00	0.00074	0.00	15.00	0.00080
0.00	13.00	0.00086	0.00	11.00	0.00094
0.00	9.00	0.00103	0.00	-9.00	0.00207
0.00	-11.00	0.00219	0.00	-13.00	0.00230
0.00	-15.00	0.00240	0.00	-17.00	0.00250
0.00	-20.00	0.00263	0.00	-25.00	0.00281
0.00	-30.00	0.00294	0.00	-40.00	0.00300
0.00	-50.00	0.00284	0.00	-60.00	0.00257
0.00	-70.00	0.00227	0.00	-80.00	0.00198
0.00	-90.00	0.00171	0.00	-100.00	0.00148
10.00	100.00	0.00011	10.00	90.00	0.00012
10.00	80.00	0.00014	10.00	70.00	0.00017
10.00	60.00	0.00020	10.00	50.00	0.00025
10.00	40.00	0.00032	10.00	30.00	0.00043
10.00	25.00	0.00050	10.00	20.00	0.00059
10.00	17.00	0.00065	10.00	15.00	0.00070
10.00	13.00	0.00075	10.00	11.00	0.00081
10.00	9.00	0.00088	10.00	-9.00	0.00163
10.00	-11.00	0.00172	10.00	-13.00	0.00180
10.00	-15.00	0.00187	10.00	-17.00	0.00195

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00205	10.00	-25.00	0.00221
10.00	-30.00	0.00233	10.00	-40.00	0.00247
10.00	-50.00	0.00245	10.00	-60.00	0.00231
10.00	-70.00	0.00210	10.00	-80.00	0.00188
10.00	-90.00	0.00165	10.00	-100.00	0.00145
20.00	100.00	0.00010	20.00	90.00	0.00011
20.00	80.00	0.00013	20.00	70.00	0.00016
20.00	60.00	0.00019	20.00	50.00	0.00024
20.00	40.00	0.00030	20.00	30.00	0.00039
20.00	25.00	0.00045	20.00	20.00	0.00052



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00058	20.00	15.00	0.00062
20.00	13.00	0.00066	20.00	11.00	0.00070
20.00	9.00	0.00075	20.00	-9.00	0.00131
20.00	-11.00	0.00138	20.00	-13.00	0.00144
20.00	-15.00	0.00150	20.00	-17.00	0.00156
20.00	-20.00	0.00164	20.00	-25.00	0.00176
20.00	-30.00	0.00187	20.00	-40.00	0.00203
20.00	-50.00	0.00208	20.00	-60.00	0.00203
20.00	-70.00	0.00191	20.00	-80.00	0.00175
20.00	-90.00	0.00157	20.00	-100.00	0.00140
30.00	100.00	0.00009	30.00	90.00	0.00011
30.00	80.00	0.00012	30.00	70.00	0.00015
30.00	60.00	0.00018	30.00	50.00	0.00022
30.00	40.00	0.00028	30.00	30.00	0.00036
30.00	25.00	0.00041	30.00	20.00	0.00047
30.00	17.00	0.00051	30.00	15.00	0.00054
30.00	13.00	0.00058	30.00	11.00	0.00062
30.00	9.00	0.00065	30.00	-9.00	0.00108
30.00	-11.00	0.00113	30.00	-13.00	0.00118
30.00	-15.00	0.00123	30.00	-17.00	0.00127
30.00	-20.00	0.00134	30.00	-25.00	0.00144
30.00	-30.00	0.00152	30.00	-40.00	0.00167
30.00	-50.00	0.00175	30.00	-60.00	0.00176
30.00	-70.00	0.00171	30.00	-80.00	0.00160
30.00	-90.00	0.00147	30.00	-100.00	0.00133
40.00	100.00	0.00009	40.00	90.00	0.00010
40.00	80.00	0.00012	40.00	70.00	0.00014
40.00	60.00	0.00017	40.00	50.00	0.00021
40.00	40.00	0.00026	40.00	30.00	0.00033
40.00	25.00	0.00037	40.00	20.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00046	40.00	15.00	0.00048
40.00	13.00	0.00051	40.00	11.00	0.00054
40.00	9.00	0.00057	40.00	-9.00	0.00091
40.00	-11.00	0.00095	40.00	-13.00	0.00098

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00102	40.00	-17.00	0.00106
40.00	-20.00	0.00111	40.00	-25.00	0.00119
40.00	-30.00	0.00126	40.00	-40.00	0.00139
40.00	-50.00	0.00148	40.00	-60.00	0.00152
40.00	-70.00	0.00151	40.00	-80.00	0.00145
40.00	-90.00	0.00136	40.00	-100.00	0.00125
50.00	100.00	0.00008	50.00	90.00	0.00010
50.00	80.00	0.00011	50.00	70.00	0.00014
50.00	60.00	0.00016	50.00	50.00	0.00020
50.00	40.00	0.00024	50.00	30.00	0.00030
50.00	25.00	0.00034	50.00	20.00	0.00038
50.00	17.00	0.00041	50.00	15.00	0.00043
50.00	13.00	0.00045	50.00	11.00	0.00048
50.00	9.00	0.00050	50.00	-9.00	0.00077
50.00	-11.00	0.00080	50.00	-13.00	0.00083
50.00	-15.00	0.00086	50.00	-17.00	0.00089
50.00	-20.00	0.00094	50.00	-25.00	0.00100
50.00	-30.00	0.00106	50.00	-40.00	0.00117
50.00	-50.00	0.00125	50.00	-60.00	0.00131
50.00	-70.00	0.00132	50.00	-80.00	0.00130
50.00	-90.00	0.00124	50.00	-100.00	0.00117
60.00	100.00	0.00008	60.00	90.00	0.00009
60.00	80.00	0.00011	60.00	70.00	0.00013
60.00	60.00	0.00016	60.00	50.00	0.00019
60.00	40.00	0.00022	60.00	30.00	0.00027
60.00	25.00	0.00031	60.00	20.00	0.00034
60.00	17.00	0.00037	60.00	15.00	0.00039
60.00	13.00	0.00041	60.00	11.00	0.00043
60.00	9.00	0.00045	60.00	-9.00	0.00066
60.00	-11.00	0.00069	60.00	-13.00	0.00071
60.00	-15.00	0.00074	60.00	-17.00	0.00076
60.00	-20.00	0.00080	60.00	-25.00	0.00085
60.00	-30.00	0.00090	60.00	-40.00	0.00100
60.00	-50.00	0.00107	60.00	-60.00	0.00113
60.00	-70.00	0.00116	60.00	-80.00	0.00116
60.00	-90.00	0.00113	60.00	-100.00	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

08NCRA PL93-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00008	70.00	90.00	0.00009
70.00	80.00	0.00011	70.00	70.00	0.00013
70.00	60.00	0.00015	70.00	50.00	0.00017
70.00	40.00	0.00021	70.00	30.00	0.00025
70.00	25.00	0.00028	70.00	20.00	0.00031
70.00	17.00	0.00033	70.00	15.00	0.00035
70.00	13.00	0.00037	70.00	11.00	0.00038
70.00	9.00	0.00040	70.00	-9.00	0.00058
70.00	-11.00	0.00060	70.00	-13.00	0.00062
70.00	-15.00	0.00064	70.00	-17.00	0.00066
70.00	-20.00	0.00069	70.00	-25.00	0.00074
70.00	-30.00	0.00078	70.00	-40.00	0.00086
70.00	-50.00	0.00092	70.00	-60.00	0.00098
70.00	-70.00	0.00101	70.00	-80.00	0.00103
70.00	-90.00	0.00102	70.00	-100.00	0.00099
80.00	100.00	0.00008	80.00	90.00	0.00009
80.00	80.00	0.00010	80.00	70.00	0.00012
80.00	60.00	0.00014	80.00	50.00	0.00016
80.00	40.00	0.00019	80.00	30.00	0.00023
80.00	25.00	0.00026	80.00	20.00	0.00029
80.00	17.00	0.00030	80.00	15.00	0.00032
80.00	13.00	0.00033	80.00	11.00	0.00035
80.00	9.00	0.00036	80.00	-9.00	0.00051
80.00	-11.00	0.00052	80.00	-13.00	0.00054
80.00	-15.00	0.00056	80.00	-17.00	0.00058
80.00	-20.00	0.00060	80.00	-25.00	0.00064
80.00	-30.00	0.00068	80.00	-40.00	0.00074
80.00	-50.00	0.00080	80.00	-60.00	0.00085
80.00	-70.00	0.00089	80.00	-80.00	0.00091
80.00	-90.00	0.00091	80.00	-100.00	0.00090
90.00	100.00	0.00007	90.00	90.00	0.00009
90.00	80.00	0.00010	90.00	70.00	0.00011
90.00	60.00	0.00013	90.00	50.00	0.00015
90.00	40.00	0.00018	90.00	30.00	0.00022
90.00	25.00	0.00024	90.00	20.00	0.00026
90.00	17.00	0.00028	90.00	15.00	0.00029
90.00	13.00	0.00030	90.00	11.00	0.00031
90.00	9.00	0.00033	90.00	-9.00	0.00045
90.00	-11.00	0.00046	90.00	-13.00	0.00048
90.00	-15.00	0.00049	90.00	-17.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00053	90.00	-25.00	0.00056
90.00	-30.00	0.00059	90.00	-40.00	0.00065
90.00	-50.00	0.00070	90.00	-60.00	0.00075
90.00	-70.00	0.00078	90.00	-80.00	0.00081
90.00	-90.00	0.00082	90.00	-100.00	0.00082
100.00	100.00	0.00007	100.00	90.00	0.00008
100.00	80.00	0.00009	100.00	70.00	0.00011
100.00	60.00	0.00012	100.00	50.00	0.00014
100.00	40.00	0.00017	100.00	30.00	0.00020
100.00	25.00	0.00022	100.00	20.00	0.00024
100.00	17.00	0.00025	100.00	15.00	0.00026
100.00	13.00	0.00027	100.00	11.00	0.00028
100.00	9.00	0.00030	100.00	-9.00	0.00040
100.00	-11.00	0.00041	100.00	-13.00	0.00043
100.00	-15.00	0.00044	100.00	-17.00	0.00045
100.00	-20.00	0.00047	100.00	-25.00	0.00050
100.00	-30.00	0.00053	100.00	-40.00	0.00058
100.00	-50.00	0.00062	100.00	-60.00	0.00066
100.00	-70.00	0.00069	100.00	-80.00	0.00072
100.00	-90.00	0.00074	100.00	-100.00	0.00074
110.00	100.00	0.00007	110.00	90.00	0.00008
110.00	80.00	0.00009	110.00	70.00	0.00010
110.00	60.00	0.00012	110.00	50.00	0.00014
110.00	40.00	0.00016	110.00	30.00	0.00019
110.00	25.00	0.00020	110.00	20.00	0.00022
110.00	17.00	0.00023	110.00	15.00	0.00024
110.00	13.00	0.00025	110.00	11.00	0.00026
110.00	9.00	0.00027	110.00	-9.00	0.00036
110.00	-11.00	0.00037	110.00	-13.00	0.00038
110.00	-15.00	0.00039	110.00	-17.00	0.00040
110.00	-20.00	0.00042	110.00	-25.00	0.00044
110.00	-30.00	0.00047	110.00	-40.00	0.00051
110.00	-50.00	0.00055	110.00	-60.00	0.00059
110.00	-70.00	0.00062	110.00	-80.00	0.00064
110.00	-90.00	0.00066	110.00	-100.00	0.00067
120.00	100.00	0.00007	120.00	90.00	0.00008

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00009	120.00	70.00	0.00010
120.00	60.00	0.00011	120.00	50.00	0.00013
120.00	40.00	0.00015	120.00	30.00	0.00017
120.00	25.00	0.00019	120.00	20.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00022	120.00	15.00	0.00022
120.00	13.00	0.00023	120.00	11.00	0.00024
120.00	9.00	0.00025	120.00	-9.00	0.00032
120.00	-11.00	0.00033	120.00	-13.00	0.00034
120.00	-15.00	0.00035	120.00	-17.00	0.00036
120.00	-20.00	0.00038	120.00	-25.00	0.00040
120.00	-30.00	0.00042	120.00	-40.00	0.00046
120.00	-50.00	0.00049	120.00	-60.00	0.00052
120.00	-70.00	0.00055	120.00	-80.00	0.00058
120.00	-90.00	0.00060	120.00	-100.00	0.00061
130.00	100.00	0.00007	130.00	90.00	0.00007
130.00	80.00	0.00008	130.00	70.00	0.00009
130.00	60.00	0.00011	130.00	50.00	0.00012
130.00	40.00	0.00014	130.00	30.00	0.00016
130.00	25.00	0.00018	130.00	20.00	0.00019
130.00	17.00	0.00020	130.00	15.00	0.00021
130.00	13.00	0.00021	130.00	11.00	0.00022
130.00	9.00	0.00023	130.00	-9.00	0.00029
130.00	-11.00	0.00030	130.00	-13.00	0.00031
130.00	-15.00	0.00032	130.00	-17.00	0.00033
130.00	-20.00	0.00034	130.00	-25.00	0.00036
130.00	-30.00	0.00038	130.00	-40.00	0.00041
130.00	-50.00	0.00044	130.00	-60.00	0.00047
130.00	-70.00	0.00050	130.00	-80.00	0.00052
130.00	-90.00	0.00054	130.00	-100.00	0.00055
140.00	100.00	0.00006	140.00	90.00	0.00007
140.00	80.00	0.00008	140.00	70.00	0.00009
140.00	60.00	0.00010	140.00	50.00	0.00011
140.00	40.00	0.00013	140.00	30.00	0.00015
140.00	25.00	0.00016	140.00	20.00	0.00018

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00019	140.00	15.00	0.00019
140.00	13.00	0.00020	140.00	11.00	0.00020
140.00	9.00	0.00021	140.00	-9.00	0.00027
140.00	-11.00	0.00028	140.00	-13.00	0.00028
140.00	-15.00	0.00029	140.00	-17.00	0.00030
140.00	-20.00	0.00031	140.00	-25.00	0.00032
140.00	-30.00	0.00034	140.00	-40.00	0.00037
140.00	-50.00	0.00040	140.00	-60.00	0.00043
140.00	-70.00	0.00045	140.00	-80.00	0.00047
140.00	-90.00	0.00049	140.00	-100.00	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00006	150.00	90.00	0.00007
150.00	80.00	0.00008	150.00	70.00	0.00008
150.00	60.00	0.00010	150.00	50.00	0.00011
150.00	40.00	0.00012	150.00	30.00	0.00014
150.00	25.00	0.00015	150.00	20.00	0.00017
150.00	17.00	0.00017	150.00	15.00	0.00018
150.00	13.00	0.00018	150.00	11.00	0.00019
150.00	9.00	0.00019	150.00	-9.00	0.00025
150.00	-11.00	0.00025	150.00	-13.00	0.00026
150.00	-15.00	0.00026	150.00	-17.00	0.00027
150.00	-20.00	0.00028	150.00	-25.00	0.00030
150.00	-30.00	0.00031	150.00	-40.00	0.00034
150.00	-50.00	0.00036	150.00	-60.00	0.00039
150.00	-70.00	0.00041	150.00	-80.00	0.00043
150.00	-90.00	0.00044	150.00	-100.00	0.00046
160.00	100.00	0.00006	160.00	90.00	0.00007
160.00	80.00	0.00007	160.00	70.00	0.00008
160.00	60.00	0.00009	160.00	50.00	0.00010
160.00	40.00	0.00012	160.00	30.00	0.00013
160.00	25.00	0.00014	160.00	20.00	0.00015
160.00	17.00	0.00016	160.00	15.00	0.00017
160.00	13.00	0.00017	160.00	11.00	0.00018
160.00	9.00	0.00018	160.00	-9.00	0.00023
160.00	-11.00	0.00023	160.00	-13.00	0.00024

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00024	160.00	-17.00	0.00025
160.00	-20.00	0.00026	160.00	-25.00	0.00027
160.00	-30.00	0.00028	160.00	-40.00	0.00031
160.00	-50.00	0.00033	160.00	-60.00	0.00035
160.00	-70.00	0.00037	160.00	-80.00	0.00039
160.00	-90.00	0.00040	160.00	-100.00	0.00042
170.00	100.00	0.00006	170.00	90.00	0.00006
170.00	80.00	0.00007	170.00	70.00	0.00008
170.00	60.00	0.00009	170.00	50.00	0.00010
170.00	40.00	0.00011	170.00	30.00	0.00013
170.00	25.00	0.00014	170.00	20.00	0.00014
170.00	17.00	0.00015	170.00	15.00	0.00015
170.00	13.00	0.00016	170.00	11.00	0.00016
170.00	9.00	0.00017	170.00	-9.00	0.00021
170.00	-11.00	0.00021	170.00	-13.00	0.00022
170.00	-15.00	0.00022	170.00	-17.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00024	170.00	-25.00	0.00025
170.00	-30.00	0.00026	170.00	-40.00	0.00028
170.00	-50.00	0.00030	170.00	-60.00	0.00032
170.00	-70.00	0.00034	170.00	-80.00	0.00036
170.00	-90.00	0.00037	170.00	-100.00	0.00038
180.00	100.00	0.00006	180.00	90.00	0.00006
180.00	80.00	0.00007	180.00	70.00	0.00007
180.00	60.00	0.00008	180.00	50.00	0.00009
180.00	40.00	0.00011	180.00	30.00	0.00012
180.00	25.00	0.00013	180.00	20.00	0.00014
180.00	17.00	0.00014	180.00	15.00	0.00015
180.00	13.00	0.00015	180.00	11.00	0.00015
180.00	9.00	0.00016	180.00	-9.00	0.00019
180.00	-11.00	0.00020	180.00	-13.00	0.00020
180.00	-15.00	0.00021	180.00	-17.00	0.00021
180.00	-20.00	0.00022	180.00	-25.00	0.00023
180.00	-30.00	0.00024	180.00	-40.00	0.00026
180.00	-50.00	0.00028	180.00	-60.00	0.00030

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00031	180.00	-80.00	0.00033
180.00	-90.00	0.00034	180.00	-100.00	0.00035
190.00	100.00	0.00005	190.00	90.00	0.00006
190.00	80.00	0.00006	190.00	70.00	0.00007
190.00	60.00	0.00008	190.00	50.00	0.00009
190.00	40.00	0.00010	190.00	30.00	0.00011
190.00	25.00	0.00012	190.00	20.00	0.00013
190.00	17.00	0.00013	190.00	15.00	0.00014
190.00	13.00	0.00014	190.00	11.00	0.00014
190.00	9.00	0.00015	190.00	-9.00	0.00018
190.00	-11.00	0.00018	190.00	-13.00	0.00019
190.00	-15.00	0.00019	190.00	-17.00	0.00020
190.00	-20.00	0.00020	190.00	-25.00	0.00021
190.00	-30.00	0.00022	190.00	-40.00	0.00024
190.00	-50.00	0.00026	190.00	-60.00	0.00027
190.00	-70.00	0.00029	190.00	-80.00	0.00030
190.00	-90.00	0.00031	190.00	-100.00	0.00032
200.00	100.00	0.00005	200.00	90.00	0.00006
200.00	80.00	0.00006	200.00	70.00	0.00007
200.00	60.00	0.00008	200.00	50.00	0.00008
200.00	40.00	0.00009	200.00	30.00	0.00011
200.00	25.00	0.00011	200.00	20.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 100

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00013	200.00	15.00	0.00013
200.00	13.00	0.00013	200.00	11.00	0.00013
200.00	9.00	0.00014	200.00	-9.00	0.00017
200.00	-11.00	0.00017	200.00	-13.00	0.00017
200.00	-15.00	0.00018	200.00	-17.00	0.00018
200.00	-20.00	0.00019	200.00	-25.00	0.00020
200.00	-30.00	0.00020	200.00	-40.00	0.00022
200.00	-50.00	0.00024	200.00	-60.00	0.00025
200.00	-70.00	0.00026	200.00	-80.00	0.00028
200.00	-90.00	0.00029	200.00	-100.00	0.00030
210.00	100.00	0.00005	210.00	90.00	0.00005
210.00	80.00	0.00006	210.00	70.00	0.00007



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00007	210.00	50.00	0.00008
210.00	40.00	0.00009	210.00	30.00	0.00010
210.00	25.00	0.00011	210.00	20.00	0.00011
210.00	17.00	0.00012	210.00	15.00	0.00012
210.00	13.00	0.00012	210.00	11.00	0.00013
210.00	9.00	0.00013	210.00	-9.00	0.00016
210.00	-11.00	0.00016	210.00	-13.00	0.00016
210.00	-15.00	0.00017	210.00	-17.00	0.00017
210.00	-20.00	0.00017	210.00	-25.00	0.00018
210.00	-30.00	0.00019	210.00	-40.00	0.00021
210.00	-50.00	0.00022	210.00	-60.00	0.00023
210.00	-70.00	0.00025	210.00	-80.00	0.00026
210.00	-90.00	0.00027	210.00	-100.00	0.00028
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00007	220.00	50.00	0.00008
220.00	40.00	0.00009	220.00	30.00	0.00010
220.00	25.00	0.00010	220.00	20.00	0.00011
220.00	17.00	0.00011	220.00	15.00	0.00011
220.00	13.00	0.00012	220.00	11.00	0.00012
220.00	9.00	0.00012	220.00	-9.00	0.00015
220.00	-11.00	0.00015	220.00	-13.00	0.00015
220.00	-15.00	0.00016	220.00	-17.00	0.00016
220.00	-20.00	0.00016	220.00	-25.00	0.00017
220.00	-30.00	0.00018	220.00	-40.00	0.00019
220.00	-50.00	0.00020	220.00	-60.00	0.00022
220.00	-70.00	0.00023	220.00	-80.00	0.00024
220.00	-90.00	0.00025	220.00	-100.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00005	230.00	70.00	0.00006
230.00	60.00	0.00007	230.00	50.00	0.00007
230.00	40.00	0.00008	230.00	30.00	0.00009
230.00	25.00	0.00010	230.00	20.00	0.00010
230.00	17.00	0.00011	230.00	15.00	0.00011

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00011	230.00	11.00	0.00011
230.00	9.00	0.00011	230.00	-9.00	0.00014
230.00	-11.00	0.00014	230.00	-13.00	0.00014
230.00	-15.00	0.00015	230.00	-17.00	0.00015
230.00	-20.00	0.00015	230.00	-25.00	0.00016
230.00	-30.00	0.00017	230.00	-40.00	0.00018
230.00	-50.00	0.00019	230.00	-60.00	0.00020
230.00	-70.00	0.00021	230.00	-80.00	0.00022
230.00	-90.00	0.00023	230.00	-100.00	0.00024
240.00	100.00	0.00004	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00006
240.00	60.00	0.00006	240.00	50.00	0.00007
240.00	40.00	0.00008	240.00	30.00	0.00009
240.00	25.00	0.00009	240.00	20.00	0.00010
240.00	17.00	0.00010	240.00	15.00	0.00010
240.00	13.00	0.00010	240.00	11.00	0.00011
240.00	9.00	0.00011	240.00	-9.00	0.00013
240.00	-11.00	0.00013	240.00	-13.00	0.00013
240.00	-15.00	0.00014	240.00	-17.00	0.00014
240.00	-20.00	0.00014	240.00	-25.00	0.00015
240.00	-30.00	0.00015	240.00	-40.00	0.00017
240.00	-50.00	0.00018	240.00	-60.00	0.00019
240.00	-70.00	0.00020	240.00	-80.00	0.00021
240.00	-90.00	0.00022	240.00	-100.00	0.00022
250.00	100.00	0.00004	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00006
250.00	60.00	0.00006	250.00	50.00	0.00007
250.00	40.00	0.00007	250.00	30.00	0.00008
250.00	25.00	0.00009	250.00	20.00	0.00009
250.00	17.00	0.00009	250.00	15.00	0.00010
250.00	13.00	0.00010	250.00	11.00	0.00010
250.00	9.00	0.00010	250.00	-9.00	0.00012
250.00	-11.00	0.00012	250.00	-13.00	0.00013
250.00	-15.00	0.00013	250.00	-17.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00013	250.00	-25.00	0.00014
250.00	-30.00	0.00015	250.00	-40.00	0.00016
250.00	-50.00	0.00017	250.00	-60.00	0.00018
250.00	-70.00	0.00019	250.00	-80.00	0.00019
250.00	-90.00	0.00020	250.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00038	-250.00	90.00	0.00046
-250.00	80.00	0.00055	-250.00	70.00	0.00066
-250.00	60.00	0.00080	-250.00	50.00	0.00096
-250.00	40.00	0.00114	-250.00	30.00	0.00131
-250.00	25.00	0.00138	-250.00	20.00	0.00143
-250.00	17.00	0.00143	-250.00	15.00	0.00143
-250.00	13.00	0.00142	-250.00	11.00	0.00139
-250.00	9.00	0.00136	-250.00	-9.00	0.00076
-250.00	-11.00	0.00071	-250.00	-13.00	0.00067
-250.00	-15.00	0.00063	-250.00	-17.00	0.00061
-250.00	-20.00	0.00057	-250.00	-25.00	0.00053
-250.00	-30.00	0.00051	-250.00	-40.00	0.00048
-250.00	-50.00	0.00046	-250.00	-60.00	0.00043
-250.00	-70.00	0.00040	-250.00	-80.00	0.00037
-250.00	-90.00	0.00035	-250.00	-100.00	0.00032
-240.00	100.00	0.00037	-240.00	90.00	0.00045
-240.00	80.00	0.00054	-240.00	70.00	0.00066
-240.00	60.00	0.00082	-240.00	50.00	0.00102
-240.00	40.00	0.00126	-240.00	30.00	0.00152
-240.00	25.00	0.00166	-240.00	20.00	0.00177
-240.00	17.00	0.00181	-240.00	15.00	0.00183
-240.00	13.00	0.00183	-240.00	11.00	0.00182
-240.00	9.00	0.00178	-240.00	-9.00	0.00087
-240.00	-11.00	0.00081	-240.00	-13.00	0.00077
-240.00	-15.00	0.00073	-240.00	-17.00	0.00071
-240.00	-20.00	0.00068	-240.00	-25.00	0.00066
-240.00	-30.00	0.00064	-240.00	-40.00	0.00060
-240.00	-50.00	0.00056	-240.00	-60.00	0.00052
-240.00	-70.00	0.00048	-240.00	-80.00	0.00044

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00041	-240.00	-100.00	0.00037
-230.00	100.00	0.00035	-230.00	90.00	0.00043
-230.00	80.00	0.00053	-230.00	70.00	0.00065
-230.00	60.00	0.00082	-230.00	50.00	0.00103
-230.00	40.00	0.00131	-230.00	30.00	0.00165
-230.00	25.00	0.00185	-230.00	20.00	0.00206
-230.00	17.00	0.00218	-230.00	15.00	0.00225
-230.00	13.00	0.00232	-230.00	11.00	0.00238
-230.00	9.00	0.00240	-230.00	-9.00	0.00107
-230.00	-11.00	0.00101	-230.00	-13.00	0.00097
-230.00	-15.00	0.00094	-230.00	-17.00	0.00091

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00088	-230.00	-25.00	0.00085
-230.00	-30.00	0.00082	-230.00	-40.00	0.00076
-230.00	-50.00	0.00070	-230.00	-60.00	0.00064
-230.00	-70.00	0.00058	-230.00	-80.00	0.00053
-230.00	-90.00	0.00048	-230.00	-100.00	0.00043
-220.00	100.00	0.00033	-220.00	90.00	0.00041
-220.00	80.00	0.00050	-220.00	70.00	0.00063
-220.00	60.00	0.00079	-220.00	50.00	0.00102
-220.00	40.00	0.00131	-220.00	30.00	0.00169
-220.00	25.00	0.00192	-220.00	20.00	0.00217
-220.00	17.00	0.00232	-220.00	15.00	0.00242
-220.00	13.00	0.00253	-220.00	11.00	0.00265
-220.00	9.00	0.00277	-220.00	-9.00	0.00195
-220.00	-11.00	0.00170	-220.00	-13.00	0.00154
-220.00	-15.00	0.00144	-220.00	-17.00	0.00136
-220.00	-20.00	0.00128	-220.00	-25.00	0.00118
-220.00	-30.00	0.00111	-220.00	-40.00	0.00100
-220.00	-50.00	0.00089	-220.00	-60.00	0.00079
-220.00	-70.00	0.00070	-220.00	-80.00	0.00063
-220.00	-90.00	0.00056	-220.00	-100.00	0.00050
-210.00	100.00	0.00031	-210.00	90.00	0.00038
-210.00	80.00	0.00047	-210.00	70.00	0.00059
-210.00	60.00	0.00075	-210.00	50.00	0.00098







08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00016	-140.00	90.00	0.00019
-140.00	80.00	0.00022	-140.00	70.00	0.00026
-140.00	60.00	0.00032	-140.00	50.00	0.00041
-140.00	40.00	0.00054	-140.00	30.00	0.00076
-140.00	25.00	0.00092	-140.00	20.00	0.00114
-140.00	17.00	0.00132	-140.00	15.00	0.00147
-140.00	13.00	0.00165	-140.00	11.00	0.00188
-140.00	9.00	0.00220	-140.00	-9.00	0.00824
-140.00	-11.00	0.00792	-140.00	-13.00	0.00762
-140.00	-15.00	0.00738	-140.00	-17.00	0.00713
-140.00	-20.00	0.00676	-140.00	-25.00	0.00616
-140.00	-30.00	0.00559	-140.00	-40.00	0.00454
-140.00	-50.00	0.00364	-140.00	-60.00	0.00290
-140.00	-70.00	0.00232	-140.00	-80.00	0.00187
-140.00	-90.00	0.00153	-140.00	-100.00	0.00126
-130.00	100.00	0.00015	-130.00	90.00	0.00017
-130.00	80.00	0.00020	-130.00	70.00	0.00024
-130.00	60.00	0.00030	-130.00	50.00	0.00037
-130.00	40.00	0.00049	-130.00	30.00	0.00068
-130.00	25.00	0.00082	-130.00	20.00	0.00101
-130.00	17.00	0.00116	-130.00	15.00	0.00129
-130.00	13.00	0.00144	-130.00	11.00	0.00163
-130.00	9.00	0.00187	-130.00	-9.00	0.00744
-130.00	-11.00	0.00739	-130.00	-13.00	0.00723
-130.00	-15.00	0.00704	-130.00	-17.00	0.00686
-130.00	-20.00	0.00656	-130.00	-25.00	0.00604
-130.00	-30.00	0.00552	-130.00	-40.00	0.00456
-130.00	-50.00	0.00372	-130.00	-60.00	0.00301
-130.00	-70.00	0.00244	-130.00	-80.00	0.00198
-130.00	-90.00	0.00162	-130.00	-100.00	0.00135
-120.00	100.00	0.00014	-120.00	90.00	0.00016
-120.00	80.00	0.00019	-120.00	70.00	0.00022
-120.00	60.00	0.00027	-120.00	50.00	0.00034
-120.00	40.00	0.00045	-120.00	30.00	0.00061
-120.00	25.00	0.00073	-120.00	20.00	0.00090

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:44:12  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
    \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
    \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00103	-120.00	15.00	0.00115
-120.00	13.00	0.00128	-120.00	11.00	0.00145
-120.00	9.00	0.00166	-120.00	-9.00	0.00528
-120.00	-11.00	0.00555	-120.00	-13.00	0.00573
-120.00	-15.00	0.00583	-120.00	-17.00	0.00585
-120.00	-20.00	0.00579	-120.00	-25.00	0.00553
-120.00	-30.00	0.00517	-120.00	-40.00	0.00440
-120.00	-50.00	0.00368	-120.00	-60.00	0.00304
-120.00	-70.00	0.00250	-120.00	-80.00	0.00206
-120.00	-90.00	0.00170	-120.00	-100.00	0.00141
-110.00	100.00	0.00013	-110.00	90.00	0.00015
-110.00	80.00	0.00017	-110.00	70.00	0.00021
-110.00	60.00	0.00025	-110.00	50.00	0.00032
-110.00	40.00	0.00041	-110.00	30.00	0.00055
-110.00	25.00	0.00066	-110.00	20.00	0.00081
-110.00	17.00	0.00093	-110.00	15.00	0.00103
-110.00	13.00	0.00114	-110.00	11.00	0.00127
-110.00	9.00	0.00143	-110.00	-9.00	0.00371
-110.00	-11.00	0.00393	-110.00	-13.00	0.00413
-110.00	-15.00	0.00430	-110.00	-17.00	0.00443
-110.00	-20.00	0.00457	-110.00	-25.00	0.00462
-110.00	-30.00	0.00451	-110.00	-40.00	0.00405
-110.00	-50.00	0.00349	-110.00	-60.00	0.00296
-110.00	-70.00	0.00249	-110.00	-80.00	0.00208
-110.00	-90.00	0.00174	-110.00	-100.00	0.00146
-100.00	100.00	0.00012	-100.00	90.00	0.00014
-100.00	80.00	0.00016	-100.00	70.00	0.00019
-100.00	60.00	0.00023	-100.00	50.00	0.00029
-100.00	40.00	0.00037	-100.00	30.00	0.00051
-100.00	25.00	0.00060	-100.00	20.00	0.00073
-100.00	17.00	0.00083	-100.00	15.00	0.00091
-100.00	13.00	0.00100	-100.00	11.00	0.00110
-100.00	9.00	0.00121	-100.00	-9.00	0.00272
-100.00	-11.00	0.00288	-100.00	-13.00	0.00303
-100.00	-15.00	0.00317	-100.00	-17.00	0.00329
-100.00	-20.00	0.00345	-100.00	-25.00	0.00363
-100.00	-30.00	0.00370	-100.00	-40.00	0.00355
-100.00	-50.00	0.00320	-100.00	-60.00	0.00280
-100.00	-70.00	0.00241	-100.00	-80.00	0.00205
-100.00	-90.00	0.00174	-100.00	-100.00	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00011	-90.00	90.00	0.00013
-90.00	80.00	0.00015	-90.00	70.00	0.00018
-90.00	60.00	0.00022	-90.00	50.00	0.00027
-90.00	40.00	0.00035	-90.00	30.00	0.00047
-90.00	25.00	0.00055	-90.00	20.00	0.00066
-90.00	17.00	0.00074	-90.00	15.00	0.00080
-90.00	13.00	0.00086	-90.00	11.00	0.00094
-90.00	9.00	0.00103	-90.00	-9.00	0.00207
-90.00	-11.00	0.00219	-90.00	-13.00	0.00230
-90.00	-15.00	0.00240	-90.00	-17.00	0.00250
-90.00	-20.00	0.00263	-90.00	-25.00	0.00281
-90.00	-30.00	0.00294	-90.00	-40.00	0.00300
-90.00	-50.00	0.00284	-90.00	-60.00	0.00257
-90.00	-70.00	0.00227	-90.00	-80.00	0.00198
-90.00	-90.00	0.00171	-90.00	-100.00	0.00148
-80.00	100.00	0.00011	-80.00	90.00	0.00012
-80.00	80.00	0.00014	-80.00	70.00	0.00017
-80.00	60.00	0.00020	-80.00	50.00	0.00025
-80.00	40.00	0.00032	-80.00	30.00	0.00043
-80.00	25.00	0.00050	-80.00	20.00	0.00059
-80.00	17.00	0.00065	-80.00	15.00	0.00070
-80.00	13.00	0.00075	-80.00	11.00	0.00081
-80.00	9.00	0.00088	-80.00	-9.00	0.00163
-80.00	-11.00	0.00172	-80.00	-13.00	0.00180
-80.00	-15.00	0.00187	-80.00	-17.00	0.00195
-80.00	-20.00	0.00205	-80.00	-25.00	0.00221
-80.00	-30.00	0.00233	-80.00	-40.00	0.00247
-80.00	-50.00	0.00245	-80.00	-60.00	0.00231
-80.00	-70.00	0.00210	-80.00	-80.00	0.00188
-80.00	-90.00	0.00165	-80.00	-100.00	0.00145
-70.00	100.00	0.00010	-70.00	90.00	0.00011
-70.00	80.00	0.00013	-70.00	70.00	0.00016
-70.00	60.00	0.00019	-70.00	50.00	0.00024
-70.00	40.00	0.00030	-70.00	30.00	0.00039
-70.00	25.00	0.00045	-70.00	20.00	0.00052
-70.00	17.00	0.00058	-70.00	15.00	0.00062
-70.00	13.00	0.00066	-70.00	11.00	0.00070

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00075	-70.00	-9.00	0.00131
-70.00	-11.00	0.00138	-70.00	-13.00	0.00144
-70.00	-15.00	0.00150	-70.00	-17.00	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00164	-70.00	-25.00	0.00176
-70.00	-30.00	0.00187	-70.00	-40.00	0.00203
-70.00	-50.00	0.00208	-70.00	-60.00	0.00203
-70.00	-70.00	0.00191	-70.00	-80.00	0.00175
-70.00	-90.00	0.00157	-70.00	-100.00	0.00140
-60.00	100.00	0.00009	-60.00	90.00	0.00011
-60.00	80.00	0.00012	-60.00	70.00	0.00015
-60.00	60.00	0.00018	-60.00	50.00	0.00022
-60.00	40.00	0.00028	-60.00	30.00	0.00036
-60.00	25.00	0.00041	-60.00	20.00	0.00047
-60.00	17.00	0.00051	-60.00	15.00	0.00054
-60.00	13.00	0.00058	-60.00	11.00	0.00062
-60.00	9.00	0.00065	-60.00	-9.00	0.00108
-60.00	-11.00	0.00113	-60.00	-13.00	0.00118
-60.00	-15.00	0.00123	-60.00	-17.00	0.00127
-60.00	-20.00	0.00134	-60.00	-25.00	0.00144
-60.00	-30.00	0.00152	-60.00	-40.00	0.00167
-60.00	-50.00	0.00175	-60.00	-60.00	0.00176
-60.00	-70.00	0.00171	-60.00	-80.00	0.00160
-60.00	-90.00	0.00147	-60.00	-100.00	0.00133
-50.00	100.00	0.00009	-50.00	90.00	0.00010
-50.00	80.00	0.00012	-50.00	70.00	0.00014
-50.00	60.00	0.00017	-50.00	50.00	0.00021
-50.00	40.00	0.00026	-50.00	30.00	0.00033
-50.00	25.00	0.00037	-50.00	20.00	0.00042
-50.00	17.00	0.00046	-50.00	15.00	0.00048
-50.00	13.00	0.00051	-50.00	11.00	0.00054
-50.00	9.00	0.00057	-50.00	-9.00	0.00091
-50.00	-11.00	0.00095	-50.00	-13.00	0.00098
-50.00	-15.00	0.00102	-50.00	-17.00	0.00106
-50.00	-20.00	0.00111	-50.00	-25.00	0.00119

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00126	-50.00	-40.00	0.00139
-50.00	-50.00	0.00148	-50.00	-60.00	0.00152
-50.00	-70.00	0.00151	-50.00	-80.00	0.00145
-50.00	-90.00	0.00136	-50.00	-100.00	0.00125
-40.00	100.00	0.00008	-40.00	90.00	0.00010
-40.00	80.00	0.00011	-40.00	70.00	0.00014
-40.00	60.00	0.00016	-40.00	50.00	0.00020
-40.00	40.00	0.00024	-40.00	30.00	0.00030
-40.00	25.00	0.00034	-40.00	20.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 111  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00041	-40.00	15.00	0.00043
-40.00	13.00	0.00045	-40.00	11.00	0.00048
-40.00	9.00	0.00050	-40.00	-9.00	0.00077
-40.00	-11.00	0.00080	-40.00	-13.00	0.00083
-40.00	-15.00	0.00086	-40.00	-17.00	0.00089
-40.00	-20.00	0.00094	-40.00	-25.00	0.00100
-40.00	-30.00	0.00106	-40.00	-40.00	0.00117
-40.00	-50.00	0.00125	-40.00	-60.00	0.00131
-40.00	-70.00	0.00132	-40.00	-80.00	0.00130
-40.00	-90.00	0.00124	-40.00	-100.00	0.00117
-30.00	100.00	0.00008	-30.00	90.00	0.00009
-30.00	80.00	0.00011	-30.00	70.00	0.00013
-30.00	60.00	0.00016	-30.00	50.00	0.00019
-30.00	40.00	0.00022	-30.00	30.00	0.00027
-30.00	25.00	0.00031	-30.00	20.00	0.00034
-30.00	17.00	0.00037	-30.00	15.00	0.00039
-30.00	13.00	0.00041	-30.00	11.00	0.00043
-30.00	9.00	0.00045	-30.00	-9.00	0.00066
-30.00	-11.00	0.00069	-30.00	-13.00	0.00071
-30.00	-15.00	0.00074	-30.00	-17.00	0.00076
-30.00	-20.00	0.00080	-30.00	-25.00	0.00085
-30.00	-30.00	0.00090	-30.00	-40.00	0.00100
-30.00	-50.00	0.00107	-30.00	-60.00	0.00113
-30.00	-70.00	0.00116	-30.00	-80.00	0.00116
-30.00	-90.00	0.00113	-30.00	-100.00	0.00108

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00008	-20.00	90.00	0.00009
-20.00	80.00	0.00011	-20.00	70.00	0.00013
-20.00	60.00	0.00015	-20.00	50.00	0.00017
-20.00	40.00	0.00021	-20.00	30.00	0.00025
-20.00	25.00	0.00028	-20.00	20.00	0.00031
-20.00	17.00	0.00033	-20.00	15.00	0.00035
-20.00	13.00	0.00037	-20.00	11.00	0.00038
-20.00	9.00	0.00040	-20.00	-9.00	0.00058
-20.00	-11.00	0.00060	-20.00	-13.00	0.00062
-20.00	-15.00	0.00064	-20.00	-17.00	0.00066
-20.00	-20.00	0.00069	-20.00	-25.00	0.00074
-20.00	-30.00	0.00078	-20.00	-40.00	0.00086
-20.00	-50.00	0.00092	-20.00	-60.00	0.00098
-20.00	-70.00	0.00101	-20.00	-80.00	0.00103
-20.00	-90.00	0.00102	-20.00	-100.00	0.00099

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00008	-10.00	90.00	0.00009
-10.00	80.00	0.00010	-10.00	70.00	0.00012
-10.00	60.00	0.00014	-10.00	50.00	0.00016
-10.00	40.00	0.00019	-10.00	30.00	0.00023
-10.00	25.00	0.00026	-10.00	20.00	0.00029
-10.00	17.00	0.00030	-10.00	15.00	0.00032
-10.00	13.00	0.00033	-10.00	11.00	0.00035
-10.00	9.00	0.00036	-10.00	-9.00	0.00051
-10.00	-11.00	0.00052	-10.00	-13.00	0.00054
-10.00	-15.00	0.00056	-10.00	-17.00	0.00058
-10.00	-20.00	0.00060	-10.00	-25.00	0.00064
-10.00	-30.00	0.00068	-10.00	-40.00	0.00074
-10.00	-50.00	0.00080	-10.00	-60.00	0.00085
-10.00	-70.00	0.00089	-10.00	-80.00	0.00091
-10.00	-90.00	0.00091	-10.00	-100.00	0.00090
0.00	100.00	0.00007	0.00	90.00	0.00009
0.00	80.00	0.00010	0.00	70.00	0.00011
0.00	60.00	0.00013	0.00	50.00	0.00015
0.00	40.00	0.00018	0.00	30.00	0.00022

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00024	0.00	20.00	0.00026
0.00	17.00	0.00028	0.00	15.00	0.00029
0.00	13.00	0.00030	0.00	11.00	0.00031
0.00	9.00	0.00033	0.00	-9.00	0.00045
0.00	-11.00	0.00046	0.00	-13.00	0.00048
0.00	-15.00	0.00049	0.00	-17.00	0.00051
0.00	-20.00	0.00053	0.00	-25.00	0.00056
0.00	-30.00	0.00059	0.00	-40.00	0.00065
0.00	-50.00	0.00070	0.00	-60.00	0.00075
0.00	-70.00	0.00078	0.00	-80.00	0.00081
0.00	-90.00	0.00082	0.00	-100.00	0.00082
10.00	100.00	0.00007	10.00	90.00	0.00008
10.00	80.00	0.00009	10.00	70.00	0.00011
10.00	60.00	0.00012	10.00	50.00	0.00014
10.00	40.00	0.00017	10.00	30.00	0.00020
10.00	25.00	0.00022	10.00	20.00	0.00024
10.00	17.00	0.00025	10.00	15.00	0.00026
10.00	13.00	0.00027	10.00	11.00	0.00028
10.00	9.00	0.00030	10.00	-9.00	0.00040
10.00	-11.00	0.00041	10.00	-13.00	0.00043
10.00	-15.00	0.00044	10.00	-17.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00047	10.00	-25.00	0.00050
10.00	-30.00	0.00053	10.00	-40.00	0.00058
10.00	-50.00	0.00062	10.00	-60.00	0.00066
10.00	-70.00	0.00069	10.00	-80.00	0.00072
10.00	-90.00	0.00074	10.00	-100.00	0.00074
20.00	100.00	0.00007	20.00	90.00	0.00008
20.00	80.00	0.00009	20.00	70.00	0.00010
20.00	60.00	0.00012	20.00	50.00	0.00014
20.00	40.00	0.00016	20.00	30.00	0.00019
20.00	25.00	0.00020	20.00	20.00	0.00022
20.00	17.00	0.00023	20.00	15.00	0.00024
20.00	13.00	0.00025	20.00	11.00	0.00026
20.00	9.00	0.00027	20.00	-9.00	0.00036

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00037	20.00	-13.00	0.00038
20.00	-15.00	0.00039	20.00	-17.00	0.00040
20.00	-20.00	0.00042	20.00	-25.00	0.00044
20.00	-30.00	0.00047	20.00	-40.00	0.00051
20.00	-50.00	0.00055	20.00	-60.00	0.00059
20.00	-70.00	0.00062	20.00	-80.00	0.00064
20.00	-90.00	0.00066	20.00	-100.00	0.00067
30.00	100.00	0.00007	30.00	90.00	0.00008
30.00	80.00	0.00009	30.00	70.00	0.00010
30.00	60.00	0.00011	30.00	50.00	0.00013
30.00	40.00	0.00015	30.00	30.00	0.00017
30.00	25.00	0.00019	30.00	20.00	0.00021
30.00	17.00	0.00022	30.00	15.00	0.00022
30.00	13.00	0.00023	30.00	11.00	0.00024
30.00	9.00	0.00025	30.00	-9.00	0.00032
30.00	-11.00	0.00033	30.00	-13.00	0.00034
30.00	-15.00	0.00035	30.00	-17.00	0.00036
30.00	-20.00	0.00038	30.00	-25.00	0.00040
30.00	-30.00	0.00042	30.00	-40.00	0.00046
30.00	-50.00	0.00049	30.00	-60.00	0.00052
30.00	-70.00	0.00055	30.00	-80.00	0.00058
30.00	-90.00	0.00060	30.00	-100.00	0.00061
40.00	100.00	0.00007	40.00	90.00	0.00007
40.00	80.00	0.00008	40.00	70.00	0.00009
40.00	60.00	0.00011	40.00	50.00	0.00012
40.00	40.00	0.00014	40.00	30.00	0.00016
40.00	25.00	0.00018	40.00	20.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00020	40.00	15.00	0.00021
40.00	13.00	0.00021	40.00	11.00	0.00022
40.00	9.00	0.00023	40.00	-9.00	0.00029
40.00	-11.00	0.00030	40.00	-13.00	0.00031
40.00	-15.00	0.00032	40.00	-17.00	0.00033
40.00	-20.00	0.00034	40.00	-25.00	0.00036
40.00	-30.00	0.00038	40.00	-40.00	0.00041

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00044	40.00	-60.00	0.00047
40.00	-70.00	0.00050	40.00	-80.00	0.00052
40.00	-90.00	0.00054	40.00	-100.00	0.00055
50.00	100.00	0.00006	50.00	90.00	0.00007
50.00	80.00	0.00008	50.00	70.00	0.00009
50.00	60.00	0.00010	50.00	50.00	0.00011
50.00	40.00	0.00013	50.00	30.00	0.00015
50.00	25.00	0.00016	50.00	20.00	0.00018
50.00	17.00	0.00019	50.00	15.00	0.00019
50.00	13.00	0.00020	50.00	11.00	0.00020
50.00	9.00	0.00021	50.00	-9.00	0.00027
50.00	-11.00	0.00028	50.00	-13.00	0.00028
50.00	-15.00	0.00029	50.00	-17.00	0.00030
50.00	-20.00	0.00031	50.00	-25.00	0.00032
50.00	-30.00	0.00034	50.00	-40.00	0.00037
50.00	-50.00	0.00040	50.00	-60.00	0.00043
50.00	-70.00	0.00045	50.00	-80.00	0.00047
50.00	-90.00	0.00049	50.00	-100.00	0.00050
60.00	100.00	0.00006	60.00	90.00	0.00007
60.00	80.00	0.00008	60.00	70.00	0.00008
60.00	60.00	0.00010	60.00	50.00	0.00011
60.00	40.00	0.00012	60.00	30.00	0.00014
60.00	25.00	0.00015	60.00	20.00	0.00017
60.00	17.00	0.00017	60.00	15.00	0.00018
60.00	13.00	0.00018	60.00	11.00	0.00019
60.00	9.00	0.00019	60.00	-9.00	0.00025
60.00	-11.00	0.00025	60.00	-13.00	0.00026
60.00	-15.00	0.00026	60.00	-17.00	0.00027
60.00	-20.00	0.00028	60.00	-25.00	0.00030
60.00	-30.00	0.00031	60.00	-40.00	0.00034
60.00	-50.00	0.00036	60.00	-60.00	0.00039
60.00	-70.00	0.00041	60.00	-80.00	0.00043
60.00	-90.00	0.00044	60.00	-100.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00006	70.00	90.00	0.00007



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00007	70.00	70.00	0.00008
70.00	60.00	0.00009	70.00	50.00	0.00010
70.00	40.00	0.00012	70.00	30.00	0.00013
70.00	25.00	0.00014	70.00	20.00	0.00015
70.00	17.00	0.00016	70.00	15.00	0.00017
70.00	13.00	0.00017	70.00	11.00	0.00018
70.00	9.00	0.00018	70.00	-9.00	0.00023
70.00	-11.00	0.00023	70.00	-13.00	0.00024
70.00	-15.00	0.00024	70.00	-17.00	0.00025
70.00	-20.00	0.00026	70.00	-25.00	0.00027
70.00	-30.00	0.00028	70.00	-40.00	0.00031
70.00	-50.00	0.00033	70.00	-60.00	0.00035
70.00	-70.00	0.00037	70.00	-80.00	0.00039
70.00	-90.00	0.00040	70.00	-100.00	0.00042
80.00	100.00	0.00006	80.00	90.00	0.00006
80.00	80.00	0.00007	80.00	70.00	0.00008
80.00	60.00	0.00009	80.00	50.00	0.00010
80.00	40.00	0.00011	80.00	30.00	0.00013
80.00	25.00	0.00014	80.00	20.00	0.00014
80.00	17.00	0.00015	80.00	15.00	0.00015
80.00	13.00	0.00016	80.00	11.00	0.00016
80.00	9.00	0.00017	80.00	-9.00	0.00021
80.00	-11.00	0.00021	80.00	-13.00	0.00022
80.00	-15.00	0.00022	80.00	-17.00	0.00023
80.00	-20.00	0.00024	80.00	-25.00	0.00025
80.00	-30.00	0.00026	80.00	-40.00	0.00028
80.00	-50.00	0.00030	80.00	-60.00	0.00032
80.00	-70.00	0.00034	80.00	-80.00	0.00036
80.00	-90.00	0.00037	80.00	-100.00	0.00038
90.00	100.00	0.00006	90.00	90.00	0.00006
90.00	80.00	0.00007	90.00	70.00	0.00007
90.00	60.00	0.00008	90.00	50.00	0.00009
90.00	40.00	0.00011	90.00	30.00	0.00012
90.00	25.00	0.00013	90.00	20.00	0.00014
90.00	17.00	0.00014	90.00	15.00	0.00015
90.00	13.00	0.00015	90.00	11.00	0.00015
90.00	9.00	0.00016	90.00	-9.00	0.00019
90.00	-11.00	0.00020	90.00	-13.00	0.00020
90.00	-15.00	0.00021	90.00	-17.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00022	90.00	-25.00	0.00023	
90.00	-30.00	0.00024	90.00	-40.00	0.00026	
90.00	-50.00	0.00028	90.00	-60.00	0.00030	
90.00	-70.00	0.00031	90.00	-80.00	0.00033	
90.00	-90.00	0.00034	90.00	-100.00	0.00035	
100.00	100.00	0.00005	100.00	90.00	0.00006	
100.00	80.00	0.00006	100.00	70.00	0.00007	
100.00	60.00	0.00008	100.00	50.00	0.00009	
100.00	40.00	0.00010	100.00	30.00	0.00011	
100.00	25.00	0.00012	100.00	20.00	0.00013	
100.00	17.00	0.00013	100.00	15.00	0.00014	
100.00	13.00	0.00014	100.00	11.00	0.00014	
100.00	9.00	0.00015	100.00	-9.00	0.00018	
100.00	-11.00	0.00018	100.00	-13.00	0.00019	
100.00	-15.00	0.00019	100.00	-17.00	0.00020	
100.00	-20.00	0.00020	100.00	-25.00	0.00021	
100.00	-30.00	0.00022	100.00	-40.00	0.00024	
100.00	-50.00	0.00026	100.00	-60.00	0.00027	
100.00	-70.00	0.00029	100.00	-80.00	0.00030	
100.00	-90.00	0.00031	100.00	-100.00	0.00032	
110.00	100.00	0.00005	110.00	90.00	0.00006	
110.00	80.00	0.00006	110.00	70.00	0.00007	
110.00	60.00	0.00008	110.00	50.00	0.00008	
110.00	40.00	0.00009	110.00	30.00	0.00011	
110.00	25.00	0.00011	110.00	20.00	0.00012	
110.00	17.00	0.00013	110.00	15.00	0.00013	
110.00	13.00	0.00013	110.00	11.00	0.00013	
110.00	9.00	0.00014	110.00	-9.00	0.00017	
110.00	-11.00	0.00017	110.00	-13.00	0.00017	
110.00	-15.00	0.00018	110.00	-17.00	0.00018	
110.00	-20.00	0.00019	110.00	-25.00	0.00020	
110.00	-30.00	0.00020	110.00	-40.00	0.00022	
110.00	-50.00	0.00024	110.00	-60.00	0.00025	
110.00	-70.00	0.00026	110.00	-80.00	0.00028	
110.00	-90.00	0.00029	110.00	-100.00	0.00030	
120.00	100.00	0.00005	120.00	90.00	0.00005	
120.00	80.00	0.00006	120.00	70.00	0.00007	
120.00	60.00	0.00007	120.00	50.00	0.00008	
120.00	40.00	0.00009	120.00	30.00	0.00010	

120.00 25.00 0.00011 120.00 20.00 0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00012	120.00	15.00	0.00012
120.00	13.00	0.00012	120.00	11.00	0.00013
120.00	9.00	0.00013	120.00	-9.00	0.00016
120.00	-11.00	0.00016	120.00	-13.00	0.00016
120.00	-15.00	0.00017	120.00	-17.00	0.00017
120.00	-20.00	0.00017	120.00	-25.00	0.00018
120.00	-30.00	0.00019	120.00	-40.00	0.00021
120.00	-50.00	0.00022	120.00	-60.00	0.00023
120.00	-70.00	0.00025	120.00	-80.00	0.00026
120.00	-90.00	0.00027	120.00	-100.00	0.00028
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00007	130.00	50.00	0.00008
130.00	40.00	0.00009	130.00	30.00	0.00010
130.00	25.00	0.00010	130.00	20.00	0.00011
130.00	17.00	0.00011	130.00	15.00	0.00011
130.00	13.00	0.00012	130.00	11.00	0.00012
130.00	9.00	0.00012	130.00	-9.00	0.00015
130.00	-11.00	0.00015	130.00	-13.00	0.00015
130.00	-15.00	0.00016	130.00	-17.00	0.00016
130.00	-20.00	0.00016	130.00	-25.00	0.00017
130.00	-30.00	0.00018	130.00	-40.00	0.00019
130.00	-50.00	0.00020	130.00	-60.00	0.00022
130.00	-70.00	0.00023	130.00	-80.00	0.00024
130.00	-90.00	0.00025	130.00	-100.00	0.00026
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00005	140.00	70.00	0.00006
140.00	60.00	0.00007	140.00	50.00	0.00007
140.00	40.00	0.00008	140.00	30.00	0.00009
140.00	25.00	0.00010	140.00	20.00	0.00010
140.00	17.00	0.00011	140.00	15.00	0.00011
140.00	13.00	0.00011	140.00	11.00	0.00011
140.00	9.00	0.00011	140.00	-9.00	0.00014

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00014	140.00	-13.00	0.00014
140.00	-15.00	0.00015	140.00	-17.00	0.00015
140.00	-20.00	0.00015	140.00	-25.00	0.00016
140.00	-30.00	0.00017	140.00	-40.00	0.00018
140.00	-50.00	0.00019	140.00	-60.00	0.00020
140.00	-70.00	0.00021	140.00	-80.00	0.00022
140.00	-90.00	0.00023	140.00	-100.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00004	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00006
150.00	60.00	0.00006	150.00	50.00	0.00007
150.00	40.00	0.00008	150.00	30.00	0.00009
150.00	25.00	0.00009	150.00	20.00	0.00010
150.00	17.00	0.00010	150.00	15.00	0.00010
150.00	13.00	0.00010	150.00	11.00	0.00011
150.00	9.00	0.00011	150.00	-9.00	0.00013
150.00	-11.00	0.00013	150.00	-13.00	0.00013
150.00	-15.00	0.00014	150.00	-17.00	0.00014
150.00	-20.00	0.00014	150.00	-25.00	0.00015
150.00	-30.00	0.00015	150.00	-40.00	0.00017
150.00	-50.00	0.00018	150.00	-60.00	0.00019
150.00	-70.00	0.00020	150.00	-80.00	0.00021
150.00	-90.00	0.00022	150.00	-100.00	0.00022
160.00	100.00	0.00004	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00006
160.00	60.00	0.00006	160.00	50.00	0.00007
160.00	40.00	0.00007	160.00	30.00	0.00008
160.00	25.00	0.00009	160.00	20.00	0.00009
160.00	17.00	0.00009	160.00	15.00	0.00010
160.00	13.00	0.00010	160.00	11.00	0.00010
160.00	9.00	0.00010	160.00	-9.00	0.00012
160.00	-11.00	0.00012	160.00	-13.00	0.00013
160.00	-15.00	0.00013	160.00	-17.00	0.00013
160.00	-20.00	0.00013	160.00	-25.00	0.00014
160.00	-30.00	0.00015	160.00	-40.00	0.00016

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00017	160.00	-60.00	0.00018
160.00	-70.00	0.00019	160.00	-80.00	0.00019
160.00	-90.00	0.00020	160.00	-100.00	0.00021
170.00	100.00	0.00004	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00005
170.00	60.00	0.00006	170.00	50.00	0.00006
170.00	40.00	0.00007	170.00	30.00	0.00008
170.00	25.00	0.00008	170.00	20.00	0.00009
170.00	17.00	0.00009	170.00	15.00	0.00009
170.00	13.00	0.00009	170.00	11.00	0.00010
170.00	9.00	0.00010	170.00	-9.00	0.00011
170.00	-11.00	0.00012	170.00	-13.00	0.00012
170.00	-15.00	0.00012	170.00	-17.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00013	170.00	-25.00	0.00013
170.00	-30.00	0.00014	170.00	-40.00	0.00015
170.00	-50.00	0.00016	170.00	-60.00	0.00017
170.00	-70.00	0.00017	170.00	-80.00	0.00018
170.00	-90.00	0.00019	170.00	-100.00	0.00020
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00006	180.00	50.00	0.00006
180.00	40.00	0.00007	180.00	30.00	0.00008
180.00	25.00	0.00008	180.00	20.00	0.00008
180.00	17.00	0.00009	180.00	15.00	0.00009
180.00	13.00	0.00009	180.00	11.00	0.00009
180.00	9.00	0.00009	180.00	-9.00	0.00011
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00012
180.00	-20.00	0.00012	180.00	-25.00	0.00012
180.00	-30.00	0.00013	180.00	-40.00	0.00014
180.00	-50.00	0.00015	180.00	-60.00	0.00016
180.00	-70.00	0.00016	180.00	-80.00	0.00017
180.00	-90.00	0.00018	180.00	-100.00	0.00018
190.00	100.00	0.00004	190.00	90.00	0.00004

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00005
190.00	60.00	0.00005	190.00	50.00	0.00006
190.00	40.00	0.00007	190.00	30.00	0.00007
190.00	25.00	0.00008	190.00	20.00	0.00008
190.00	17.00	0.00008	190.00	15.00	0.00008
190.00	13.00	0.00008	190.00	11.00	0.00009
190.00	9.00	0.00009	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00011
190.00	-15.00	0.00011	190.00	-17.00	0.00011
190.00	-20.00	0.00011	190.00	-25.00	0.00012
190.00	-30.00	0.00012	190.00	-40.00	0.00013
190.00	-50.00	0.00014	190.00	-60.00	0.00015
190.00	-70.00	0.00015	190.00	-80.00	0.00016
190.00	-90.00	0.00017	190.00	-100.00	0.00017
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00005
200.00	60.00	0.00005	200.00	50.00	0.00006
200.00	40.00	0.00006	200.00	30.00	0.00007
200.00	25.00	0.00007	200.00	20.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00008	200.00	15.00	0.00008
200.00	13.00	0.00008	200.00	11.00	0.00008
200.00	9.00	0.00008	200.00	-9.00	0.00010
200.00	-11.00	0.00010	200.00	-13.00	0.00010
200.00	-15.00	0.00010	200.00	-17.00	0.00010
200.00	-20.00	0.00011	200.00	-25.00	0.00011
200.00	-30.00	0.00011	200.00	-40.00	0.00012
200.00	-50.00	0.00013	200.00	-60.00	0.00014
200.00	-70.00	0.00014	200.00	-80.00	0.00015
200.00	-90.00	0.00016	200.00	-100.00	0.00016
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00005
210.00	60.00	0.00005	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00007
210.00	25.00	0.00007	210.00	20.00	0.00007

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00007	210.00	15.00	0.00008
210.00	13.00	0.00008	210.00	11.00	0.00008
210.00	9.00	0.00008	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00010
210.00	-15.00	0.00010	210.00	-17.00	0.00010
210.00	-20.00	0.00010	210.00	-25.00	0.00010
210.00	-30.00	0.00011	210.00	-40.00	0.00012
210.00	-50.00	0.00012	210.00	-60.00	0.00013
210.00	-70.00	0.00014	210.00	-80.00	0.00014
210.00	-90.00	0.00015	210.00	-100.00	0.00015
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00005	220.00	50.00	0.00005
220.00	40.00	0.00006	220.00	30.00	0.00006
220.00	25.00	0.00007	220.00	20.00	0.00007
220.00	17.00	0.00007	220.00	15.00	0.00007
220.00	13.00	0.00007	220.00	11.00	0.00007
220.00	9.00	0.00008	220.00	-9.00	0.00009
220.00	-11.00	0.00009	220.00	-13.00	0.00009
220.00	-15.00	0.00009	220.00	-17.00	0.00009
220.00	-20.00	0.00010	220.00	-25.00	0.00010
220.00	-30.00	0.00010	220.00	-40.00	0.00011
220.00	-50.00	0.00012	220.00	-60.00	0.00012
220.00	-70.00	0.00013	220.00	-80.00	0.00014
220.00	-90.00	0.00014	220.00	-100.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00004
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00006	230.00	30.00	0.00006
230.00	25.00	0.00006	230.00	20.00	0.00007
230.00	17.00	0.00007	230.00	15.00	0.00007
230.00	13.00	0.00007	230.00	11.00	0.00007
230.00	9.00	0.00007	230.00	-9.00	0.00008
230.00	-11.00	0.00009	230.00	-13.00	0.00009

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00009	230.00	-17.00	0.00009
230.00	-20.00	0.00009	230.00	-25.00	0.00009
230.00	-30.00	0.00010	230.00	-40.00	0.00010
230.00	-50.00	0.00011	230.00	-60.00	0.00012
230.00	-70.00	0.00012	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00014
240.00	100.00	0.00003	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00004
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00006
240.00	25.00	0.00006	240.00	20.00	0.00006
240.00	17.00	0.00007	240.00	15.00	0.00007
240.00	13.00	0.00007	240.00	11.00	0.00007
240.00	9.00	0.00007	240.00	-9.00	0.00008
240.00	-11.00	0.00008	240.00	-13.00	0.00008
240.00	-15.00	0.00008	240.00	-17.00	0.00008
240.00	-20.00	0.00009	240.00	-25.00	0.00009
240.00	-30.00	0.00009	240.00	-40.00	0.00010
240.00	-50.00	0.00010	240.00	-60.00	0.00011
240.00	-70.00	0.00012	240.00	-80.00	0.00012
240.00	-90.00	0.00013	240.00	-100.00	0.00013
250.00	100.00	0.00003	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00004	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00006
250.00	25.00	0.00006	250.00	20.00	0.00006
250.00	17.00	0.00006	250.00	15.00	0.00006
250.00	13.00	0.00006	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00008
250.00	-15.00	0.00008	250.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00008	250.00	-25.00	0.00009
250.00	-30.00	0.00009	250.00	-40.00	0.00009
250.00	-50.00	0.00010	250.00	-60.00	0.00011





08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00150	-230.00	50.00	0.00173
-230.00	40.00	0.00200	-230.00	30.00	0.00234
-230.00	25.00	0.00253	-230.00	20.00	0.00272
-230.00	17.00	0.00283	-230.00	15.00	0.00290
-230.00	13.00	0.00296	-230.00	11.00	0.00300
-230.00	9.00	0.00302	-230.00	-9.00	0.00158
-230.00	-11.00	0.00152	-230.00	-13.00	0.00146
-230.00	-15.00	0.00142	-230.00	-17.00	0.00139

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00134	-230.00	-25.00	0.00128
-230.00	-30.00	0.00122	-230.00	-40.00	0.00113
-230.00	-50.00	0.00104	-230.00	-60.00	0.00096
-230.00	-70.00	0.00088	-230.00	-80.00	0.00081
-230.00	-90.00	0.00075	-230.00	-100.00	0.00069
-220.00	100.00	0.00096	-220.00	90.00	0.00107
-220.00	80.00	0.00120	-220.00	70.00	0.00136
-220.00	60.00	0.00155	-220.00	50.00	0.00179
-220.00	40.00	0.00209	-220.00	30.00	0.00247
-220.00	25.00	0.00269	-220.00	20.00	0.00292
-220.00	17.00	0.00306	-220.00	15.00	0.00315
-220.00	13.00	0.00324	-220.00	11.00	0.00335
-220.00	9.00	0.00346	-220.00	-9.00	0.00252
-220.00	-11.00	0.00225	-220.00	-13.00	0.00208
-220.00	-15.00	0.00197	-220.00	-17.00	0.00188
-220.00	-20.00	0.00177	-220.00	-25.00	0.00165
-220.00	-30.00	0.00155	-220.00	-40.00	0.00140
-220.00	-50.00	0.00126	-220.00	-60.00	0.00113
-220.00	-70.00	0.00103	-220.00	-80.00	0.00093
-220.00	-90.00	0.00085	-220.00	-100.00	0.00078
-210.00	100.00	0.00097	-210.00	90.00	0.00109
-210.00	80.00	0.00122	-210.00	70.00	0.00139
-210.00	60.00	0.00159	-210.00	50.00	0.00184
-210.00	40.00	0.00216	-210.00	30.00	0.00257
-210.00	25.00	0.00282	-210.00	20.00	0.00308
-210.00	17.00	0.00325	-210.00	15.00	0.00336



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00533	-190.00	-25.00	0.00455
-190.00	-30.00	0.00390	-190.00	-40.00	0.00298
-190.00	-50.00	0.00239	-190.00	-60.00	0.00198
-190.00	-70.00	0.00167	-190.00	-80.00	0.00144
-190.00	-90.00	0.00126	-190.00	-100.00	0.00112
-180.00	100.00	0.00101	-180.00	90.00	0.00113
-180.00	80.00	0.00128	-180.00	70.00	0.00146
-180.00	60.00	0.00169	-180.00	50.00	0.00198
-180.00	40.00	0.00234	-180.00	30.00	0.00282
-180.00	25.00	0.00312	-180.00	20.00	0.00346
-180.00	17.00	0.00369	-180.00	15.00	0.00387
-180.00	13.00	0.00406	-180.00	11.00	0.00428
-180.00	9.00	0.00456	-180.00	-9.00	0.00830
-180.00	-11.00	0.00787	-180.00	-13.00	0.00748
-180.00	-15.00	0.00711	-180.00	-17.00	0.00676
-180.00	-20.00	0.00626	-180.00	-25.00	0.00548
-180.00	-30.00	0.00478	-180.00	-40.00	0.00367
-180.00	-50.00	0.00289	-180.00	-60.00	0.00235
-180.00	-70.00	0.00196	-180.00	-80.00	0.00167
-180.00	-90.00	0.00144	-180.00	-100.00	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00102	-170.00	90.00	0.00115
-170.00	80.00	0.00130	-170.00	70.00	0.00149
-170.00	60.00	0.00172	-170.00	50.00	0.00201
-170.00	40.00	0.00239	-170.00	30.00	0.00289
-170.00	25.00	0.00320	-170.00	20.00	0.00357
-170.00	17.00	0.00382	-170.00	15.00	0.00401
-170.00	13.00	0.00422	-170.00	11.00	0.00446
-170.00	9.00	0.00475	-170.00	-9.00	0.00884
-170.00	-11.00	0.00842	-170.00	-13.00	0.00806
-170.00	-15.00	0.00772	-170.00	-17.00	0.00739
-170.00	-20.00	0.00692	-170.00	-25.00	0.00618
-170.00	-30.00	0.00549	-170.00	-40.00	0.00430
-170.00	-50.00	0.00340	-170.00	-60.00	0.00275
-170.00	-70.00	0.00227	-170.00	-80.00	0.00191

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00163	-170.00	-100.00	0.00142
-160.00	100.00	0.00103	-160.00	90.00	0.00116
-160.00	80.00	0.00131	-160.00	70.00	0.00150
-160.00	60.00	0.00174	-160.00	50.00	0.00204
-160.00	40.00	0.00242	-160.00	30.00	0.00295
-160.00	25.00	0.00327	-160.00	20.00	0.00366
-160.00	17.00	0.00393	-160.00	15.00	0.00413
-160.00	13.00	0.00435	-160.00	11.00	0.00460
-160.00	9.00	0.00492	-160.00	-9.00	0.00923
-160.00	-11.00	0.00882	-160.00	-13.00	0.00849
-160.00	-15.00	0.00817	-160.00	-17.00	0.00785
-160.00	-20.00	0.00740	-160.00	-25.00	0.00670
-160.00	-30.00	0.00603	-160.00	-40.00	0.00484
-160.00	-50.00	0.00388	-160.00	-60.00	0.00313
-160.00	-70.00	0.00258	-160.00	-80.00	0.00216
-160.00	-90.00	0.00183	-160.00	-100.00	0.00158
-150.00	100.00	0.00104	-150.00	90.00	0.00117
-150.00	80.00	0.00133	-150.00	70.00	0.00152
-150.00	60.00	0.00176	-150.00	50.00	0.00206
-150.00	40.00	0.00246	-150.00	30.00	0.00300
-150.00	25.00	0.00334	-150.00	20.00	0.00374
-150.00	17.00	0.00402	-150.00	15.00	0.00423
-150.00	13.00	0.00446	-150.00	11.00	0.00473
-150.00	9.00	0.00505	-150.00	-9.00	0.00953
-150.00	-11.00	0.00914	-150.00	-13.00	0.00880
-150.00	-15.00	0.00850	-150.00	-17.00	0.00821

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00777	-150.00	-25.00	0.00709
-150.00	-30.00	0.00645	-150.00	-40.00	0.00528
-150.00	-50.00	0.00429	-150.00	-60.00	0.00350
-150.00	-70.00	0.00288	-150.00	-80.00	0.00241
-150.00	-90.00	0.00204	-150.00	-100.00	0.00175
-140.00	100.00	0.00105	-140.00	90.00	0.00118
-140.00	80.00	0.00134	-140.00	70.00	0.00153
-140.00	60.00	0.00177	-140.00	50.00	0.00209

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00250	-140.00	30.00	0.00305
-140.00	25.00	0.00340	-140.00	20.00	0.00382
-140.00	17.00	0.00410	-140.00	15.00	0.00432
-140.00	13.00	0.00456	-140.00	11.00	0.00484
-140.00	9.00	0.00518	-140.00	-9.00	0.00978
-140.00	-11.00	0.00940	-140.00	-13.00	0.00905
-140.00	-15.00	0.00876	-140.00	-17.00	0.00848
-140.00	-20.00	0.00806	-140.00	-25.00	0.00740
-140.00	-30.00	0.00677	-140.00	-40.00	0.00563
-140.00	-50.00	0.00465	-140.00	-60.00	0.00383
-140.00	-70.00	0.00317	-140.00	-80.00	0.00265
-140.00	-90.00	0.00224	-140.00	-100.00	0.00192
-130.00	100.00	0.00105	-130.00	90.00	0.00118
-130.00	80.00	0.00134	-130.00	70.00	0.00154
-130.00	60.00	0.00179	-130.00	50.00	0.00211
-130.00	40.00	0.00253	-130.00	30.00	0.00309
-130.00	25.00	0.00345	-130.00	20.00	0.00388
-130.00	17.00	0.00417	-130.00	15.00	0.00439
-130.00	13.00	0.00464	-130.00	11.00	0.00493
-130.00	9.00	0.00529	-130.00	-9.00	0.00992
-130.00	-11.00	0.00960	-130.00	-13.00	0.00927
-130.00	-15.00	0.00896	-130.00	-17.00	0.00869
-130.00	-20.00	0.00829	-130.00	-25.00	0.00765
-130.00	-30.00	0.00703	-130.00	-40.00	0.00592
-130.00	-50.00	0.00494	-130.00	-60.00	0.00411
-130.00	-70.00	0.00343	-130.00	-80.00	0.00288
-130.00	-90.00	0.00244	-130.00	-100.00	0.00209
-120.00	100.00	0.00105	-120.00	90.00	0.00119
-120.00	80.00	0.00135	-120.00	70.00	0.00155
-120.00	60.00	0.00180	-120.00	50.00	0.00213
-120.00	40.00	0.00256	-120.00	30.00	0.00313
-120.00	25.00	0.00350	-120.00	20.00	0.00393

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00423	-120.00	15.00	0.00446
-120.00	13.00	0.00471	-120.00	11.00	0.00500

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00537	-120.00	-9.00	0.01000
-120.00	-11.00	0.00969	-120.00	-13.00	0.00941
-120.00	-15.00	0.00914	-120.00	-17.00	0.00887
-120.00	-20.00	0.00848	-120.00	-25.00	0.00785
-120.00	-30.00	0.00724	-120.00	-40.00	0.00614
-120.00	-50.00	0.00518	-120.00	-60.00	0.00435
-120.00	-70.00	0.00366	-120.00	-80.00	0.00310
-120.00	-90.00	0.00263	-120.00	-100.00	0.00226
-110.00	100.00	0.00106	-110.00	90.00	0.00119
-110.00	80.00	0.00136	-110.00	70.00	0.00156
-110.00	60.00	0.00182	-110.00	50.00	0.00215
-110.00	40.00	0.00258	-110.00	30.00	0.00317
-110.00	25.00	0.00354	-110.00	20.00	0.00398
-110.00	17.00	0.00429	-110.00	15.00	0.00452
-110.00	13.00	0.00477	-110.00	11.00	0.00506
-110.00	9.00	0.00543	-110.00	-9.00	0.01013
-110.00	-11.00	0.00981	-110.00	-13.00	0.00953
-110.00	-15.00	0.00926	-110.00	-17.00	0.00900
-110.00	-20.00	0.00862	-110.00	-25.00	0.00800
-110.00	-30.00	0.00742	-110.00	-40.00	0.00633
-110.00	-50.00	0.00538	-110.00	-60.00	0.00456
-110.00	-70.00	0.00387	-110.00	-80.00	0.00329
-110.00	-90.00	0.00281	-110.00	-100.00	0.00242
-100.00	100.00	0.00106	-100.00	90.00	0.00119
-100.00	80.00	0.00136	-100.00	70.00	0.00157
-100.00	60.00	0.00183	-100.00	50.00	0.00216
-100.00	40.00	0.00260	-100.00	30.00	0.00320
-100.00	25.00	0.00357	-100.00	20.00	0.00402
-100.00	17.00	0.00433	-100.00	15.00	0.00456
-100.00	13.00	0.00482	-100.00	11.00	0.00512
-100.00	9.00	0.00549	-100.00	-9.00	0.01022
-100.00	-11.00	0.00992	-100.00	-13.00	0.00963
-100.00	-15.00	0.00937	-100.00	-17.00	0.00911
-100.00	-20.00	0.00873	-100.00	-25.00	0.00813
-100.00	-30.00	0.00755	-100.00	-40.00	0.00649
-100.00	-50.00	0.00555	-100.00	-60.00	0.00474
-100.00	-70.00	0.00404	-100.00	-80.00	0.00346
-100.00	-90.00	0.00297	-100.00	-100.00	0.00257

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00106	-90.00	90.00	0.00120	
-90.00	80.00	0.00136	-90.00	70.00	0.00157	
-90.00	60.00	0.00184	-90.00	50.00	0.00218	
-90.00	40.00	0.00262	-90.00	30.00	0.00322	
-90.00	25.00	0.00360	-90.00	20.00	0.00406	
-90.00	17.00	0.00437	-90.00	15.00	0.00461	
-90.00	13.00	0.00487	-90.00	11.00	0.00517	
-90.00	9.00	0.00553	-90.00	-9.00	0.01032	
-90.00	-11.00	0.01000	-90.00	-13.00	0.00972	
-90.00	-15.00	0.00946	-90.00	-17.00	0.00920	
-90.00	-20.00	0.00884	-90.00	-25.00	0.00824	
-90.00	-30.00	0.00767	-90.00	-40.00	0.00662	
-90.00	-50.00	0.00569	-90.00	-60.00	0.00489	
-90.00	-70.00	0.00420	-90.00	-80.00	0.00361	
-90.00	-90.00	0.00312	-90.00	-100.00	0.00271	
-80.00	100.00	0.00106	-80.00	90.00	0.00120	
-80.00	80.00	0.00137	-80.00	70.00	0.00158	
-80.00	60.00	0.00185	-80.00	50.00	0.00219	
-80.00	40.00	0.00264	-80.00	30.00	0.00325	
-80.00	25.00	0.00363	-80.00	20.00	0.00409	
-80.00	17.00	0.00441	-80.00	15.00	0.00464	
-80.00	13.00	0.00491	-80.00	11.00	0.00521	
-80.00	9.00	0.00557	-80.00	-9.00	0.01041	
-80.00	-11.00	0.01008	-80.00	-13.00	0.00980	
-80.00	-15.00	0.00954	-80.00	-17.00	0.00928	
-80.00	-20.00	0.00891	-80.00	-25.00	0.00833	
-80.00	-30.00	0.00777	-80.00	-40.00	0.00673	
-80.00	-50.00	0.00581	-80.00	-60.00	0.00501	
-80.00	-70.00	0.00433	-80.00	-80.00	0.00375	
-80.00	-90.00	0.00325	-80.00	-100.00	0.00283	
-70.00	100.00	0.00105	-70.00	90.00	0.00120	
-70.00	80.00	0.00137	-70.00	70.00	0.00158	
-70.00	60.00	0.00185	-70.00	50.00	0.00220	
-70.00	40.00	0.00265	-70.00	30.00	0.00327	
-70.00	25.00	0.00365	-70.00	20.00	0.00412	
-70.00	17.00	0.00444	-70.00	15.00	0.00468	
-70.00	13.00	0.00494	-70.00	11.00	0.00524	
-70.00	9.00	0.00561	-70.00	-9.00	0.01049	
-70.00	-11.00	0.01014	-70.00	-13.00	0.00987	
-70.00	-15.00	0.00961	-70.00	-17.00	0.00936	



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00899	-70.00	-25.00	0.00840
-70.00	-30.00	0.00785	-70.00	-40.00	0.00682
-70.00	-50.00	0.00591	-70.00	-60.00	0.00512
-70.00	-70.00	0.00444	-70.00	-80.00	0.00386
-70.00	-90.00	0.00337	-70.00	-100.00	0.00295
-60.00	100.00	0.00105	-60.00	90.00	0.00120
-60.00	80.00	0.00137	-60.00	70.00	0.00159
-60.00	60.00	0.00186	-60.00	50.00	0.00221
-60.00	40.00	0.00266	-60.00	30.00	0.00328
-60.00	25.00	0.00368	-60.00	20.00	0.00414
-60.00	17.00	0.00447	-60.00	15.00	0.00471
-60.00	13.00	0.00497	-60.00	11.00	0.00527
-60.00	9.00	0.00563	-60.00	-9.00	0.01055
-60.00	-11.00	0.01021	-60.00	-13.00	0.00992
-60.00	-15.00	0.00967	-60.00	-17.00	0.00942
-60.00	-20.00	0.00905	-60.00	-25.00	0.00847
-60.00	-30.00	0.00792	-60.00	-40.00	0.00690
-60.00	-50.00	0.00600	-60.00	-60.00	0.00522
-60.00	-70.00	0.00454	-60.00	-80.00	0.00397
-60.00	-90.00	0.00347	-60.00	-100.00	0.00305
-50.00	100.00	0.00105	-50.00	90.00	0.00119
-50.00	80.00	0.00137	-50.00	70.00	0.00159
-50.00	60.00	0.00186	-50.00	50.00	0.00221
-50.00	40.00	0.00267	-50.00	30.00	0.00329
-50.00	25.00	0.00369	-50.00	20.00	0.00416
-50.00	17.00	0.00449	-50.00	15.00	0.00473
-50.00	13.00	0.00500	-50.00	11.00	0.00531
-50.00	9.00	0.00567	-50.00	-9.00	0.01062
-50.00	-11.00	0.01028	-50.00	-13.00	0.00996
-50.00	-15.00	0.00971	-50.00	-17.00	0.00947
-50.00	-20.00	0.00911	-50.00	-25.00	0.00853
-50.00	-30.00	0.00798	-50.00	-40.00	0.00697
-50.00	-50.00	0.00607	-50.00	-60.00	0.00530
-50.00	-70.00	0.00463	-50.00	-80.00	0.00406

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00356	-50.00	-100.00	0.00314
-40.00	100.00	0.00105	-40.00	90.00	0.00119
-40.00	80.00	0.00137	-40.00	70.00	0.00159
-40.00	60.00	0.00186	-40.00	50.00	0.00222
-40.00	40.00	0.00268	-40.00	30.00	0.00330
-40.00	25.00	0.00370	-40.00	20.00	0.00418

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00450	-40.00	15.00	0.00474
-40.00	13.00	0.00501	-40.00	11.00	0.00534
-40.00	9.00	0.00571	-40.00	-9.00	0.01062
-40.00	-11.00	0.01033	-40.00	-13.00	0.01003
-40.00	-15.00	0.00976	-40.00	-17.00	0.00952
-40.00	-20.00	0.00916	-40.00	-25.00	0.00858
-40.00	-30.00	0.00803	-40.00	-40.00	0.00703
-40.00	-50.00	0.00614	-40.00	-60.00	0.00537
-40.00	-70.00	0.00471	-40.00	-80.00	0.00414
-40.00	-90.00	0.00365	-40.00	-100.00	0.00322
-30.00	100.00	0.00104	-30.00	90.00	0.00119
-30.00	80.00	0.00137	-30.00	70.00	0.00159
-30.00	60.00	0.00186	-30.00	50.00	0.00222
-30.00	40.00	0.00269	-30.00	30.00	0.00331
-30.00	25.00	0.00371	-30.00	20.00	0.00419
-30.00	17.00	0.00452	-30.00	15.00	0.00476
-30.00	13.00	0.00503	-30.00	11.00	0.00535
-30.00	9.00	0.00573	-30.00	-9.00	0.01059
-30.00	-11.00	0.01031	-30.00	-13.00	0.01005
-30.00	-15.00	0.00981	-30.00	-17.00	0.00956
-30.00	-20.00	0.00921	-30.00	-25.00	0.00864
-30.00	-30.00	0.00808	-30.00	-40.00	0.00708
-30.00	-50.00	0.00619	-30.00	-60.00	0.00543
-30.00	-70.00	0.00477	-30.00	-80.00	0.00421
-30.00	-90.00	0.00372	-30.00	-100.00	0.00330
-20.00	100.00	0.00103	-20.00	90.00	0.00118
-20.00	80.00	0.00136	-20.00	70.00	0.00158
-20.00	60.00	0.00186	-20.00	50.00	0.00222

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00269	-20.00	30.00	0.00332
-20.00	25.00	0.00372	-20.00	20.00	0.00420
-20.00	17.00	0.00453	-20.00	15.00	0.00478
-20.00	13.00	0.00505	-20.00	11.00	0.00536
-20.00	9.00	0.00574	-20.00	-9.00	0.01062
-20.00	-11.00	0.01033	-20.00	-13.00	0.01007
-20.00	-15.00	0.00982	-20.00	-17.00	0.00958
-20.00	-20.00	0.00923	-20.00	-25.00	0.00867
-20.00	-30.00	0.00813	-20.00	-40.00	0.00713
-20.00	-50.00	0.00624	-20.00	-60.00	0.00548
-20.00	-70.00	0.00483	-20.00	-80.00	0.00427
-20.00	-90.00	0.00378	-20.00	-100.00	0.00336

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12

\*\*MODELOPTs:

PAGE 132

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00103	-10.00	90.00	0.00117
-10.00	80.00	0.00135	-10.00	70.00	0.00158
-10.00	60.00	0.00186	-10.00	50.00	0.00222
-10.00	40.00	0.00269	-10.00	30.00	0.00333
-10.00	25.00	0.00373	-10.00	20.00	0.00420
-10.00	17.00	0.00454	-10.00	15.00	0.00478
-10.00	13.00	0.00506	-10.00	11.00	0.00537
-10.00	9.00	0.00575	-10.00	-9.00	0.01065
-10.00	-11.00	0.01036	-10.00	-13.00	0.01009
-10.00	-15.00	0.00984	-10.00	-17.00	0.00961
-10.00	-20.00	0.00926	-10.00	-25.00	0.00870
-10.00	-30.00	0.00816	-10.00	-40.00	0.00716
-10.00	-50.00	0.00629	-10.00	-60.00	0.00553
-10.00	-70.00	0.00488	-10.00	-80.00	0.00432
-10.00	-90.00	0.00384	-10.00	-100.00	0.00342
0.00	100.00	0.00102	0.00	90.00	0.00117
0.00	80.00	0.00135	0.00	70.00	0.00157
0.00	60.00	0.00185	0.00	50.00	0.00221
0.00	40.00	0.00269	0.00	30.00	0.00333
0.00	25.00	0.00373	0.00	20.00	0.00421
0.00	17.00	0.00454	0.00	15.00	0.00479
0.00	13.00	0.00507	0.00	11.00	0.00538

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00575	0.00	-9.00	0.01067
0.00	-11.00	0.01038	0.00	-13.00	0.01011
0.00	-15.00	0.00986	0.00	-17.00	0.00962
0.00	-20.00	0.00928	0.00	-25.00	0.00872
0.00	-30.00	0.00819	0.00	-40.00	0.00720
0.00	-50.00	0.00633	0.00	-60.00	0.00557
0.00	-70.00	0.00492	0.00	-80.00	0.00437
0.00	-90.00	0.00389	0.00	-100.00	0.00347
10.00	100.00	0.00101	10.00	90.00	0.00116
10.00	80.00	0.00134	10.00	70.00	0.00156
10.00	60.00	0.00184	10.00	50.00	0.00221
10.00	40.00	0.00268	10.00	30.00	0.00333
10.00	25.00	0.00373	10.00	20.00	0.00421
10.00	17.00	0.00455	10.00	15.00	0.00480
10.00	13.00	0.00507	10.00	11.00	0.00538
10.00	9.00	0.00576	10.00	-9.00	0.01071
10.00	-11.00	0.01040	10.00	-13.00	0.01013
10.00	-15.00	0.00988	10.00	-17.00	0.00964

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00929	10.00	-25.00	0.00874
10.00	-30.00	0.00821	10.00	-40.00	0.00723
10.00	-50.00	0.00636	10.00	-60.00	0.00561
10.00	-70.00	0.00496	10.00	-80.00	0.00441
10.00	-90.00	0.00393	10.00	-100.00	0.00352
20.00	100.00	0.00099	20.00	90.00	0.00114
20.00	80.00	0.00133	20.00	70.00	0.00155
20.00	60.00	0.00183	20.00	50.00	0.00220
20.00	40.00	0.00268	20.00	30.00	0.00332
20.00	25.00	0.00373	20.00	20.00	0.00421
20.00	17.00	0.00455	20.00	15.00	0.00480
20.00	13.00	0.00507	20.00	11.00	0.00538
20.00	9.00	0.00576	20.00	-9.00	0.01074
20.00	-11.00	0.01041	20.00	-13.00	0.01015
20.00	-15.00	0.00990	20.00	-17.00	0.00966
20.00	-20.00	0.00931	20.00	-25.00	0.00875

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00823	20.00	-40.00	0.00725
20.00	-50.00	0.00639	20.00	-60.00	0.00564
20.00	-70.00	0.00500	20.00	-80.00	0.00445
20.00	-90.00	0.00397	20.00	-100.00	0.00356
30.00	100.00	0.00098	30.00	90.00	0.00113
30.00	80.00	0.00131	30.00	70.00	0.00154
30.00	60.00	0.00182	30.00	50.00	0.00219
30.00	40.00	0.00267	30.00	30.00	0.00331
30.00	25.00	0.00373	30.00	20.00	0.00421
30.00	17.00	0.00455	30.00	15.00	0.00480
30.00	13.00	0.00507	30.00	11.00	0.00538
30.00	9.00	0.00576	30.00	-9.00	0.01077
30.00	-11.00	0.01043	30.00	-13.00	0.01016
30.00	-15.00	0.00991	30.00	-17.00	0.00968
30.00	-20.00	0.00933	30.00	-25.00	0.00877
30.00	-30.00	0.00824	30.00	-40.00	0.00727
30.00	-50.00	0.00641	30.00	-60.00	0.00567
30.00	-70.00	0.00503	30.00	-80.00	0.00448
30.00	-90.00	0.00401	30.00	-100.00	0.00360
40.00	100.00	0.00096	40.00	90.00	0.00111
40.00	80.00	0.00130	40.00	70.00	0.00152
40.00	60.00	0.00181	40.00	50.00	0.00217
40.00	40.00	0.00265	40.00	30.00	0.00330
40.00	25.00	0.00372	40.00	20.00	0.00420

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00454	40.00	15.00	0.00479
40.00	13.00	0.00507	40.00	11.00	0.00539
40.00	9.00	0.00576	40.00	-9.00	0.01079
40.00	-11.00	0.01046	40.00	-13.00	0.01016
40.00	-15.00	0.00992	40.00	-17.00	0.00969
40.00	-20.00	0.00934	40.00	-25.00	0.00878
40.00	-30.00	0.00825	40.00	-40.00	0.00729
40.00	-50.00	0.00643	40.00	-60.00	0.00569
40.00	-70.00	0.00505	40.00	-80.00	0.00451
40.00	-90.00	0.00404	40.00	-100.00	0.00363

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00094	50.00	90.00	0.00109
50.00	80.00	0.00128	50.00	70.00	0.00151
50.00	60.00	0.00179	50.00	50.00	0.00216
50.00	40.00	0.00264	50.00	30.00	0.00329
50.00	25.00	0.00370	50.00	20.00	0.00419
50.00	17.00	0.00453	50.00	15.00	0.00478
50.00	13.00	0.00506	50.00	11.00	0.00539
50.00	9.00	0.00577	50.00	-9.00	0.01076
50.00	-11.00	0.01048	50.00	-13.00	0.01019
50.00	-15.00	0.00993	50.00	-17.00	0.00969
50.00	-20.00	0.00935	50.00	-25.00	0.00879
50.00	-30.00	0.00826	50.00	-40.00	0.00730
50.00	-50.00	0.00645	50.00	-60.00	0.00571
50.00	-70.00	0.00508	50.00	-80.00	0.00453
50.00	-90.00	0.00406	50.00	-100.00	0.00366
60.00	100.00	0.00092	60.00	90.00	0.00107
60.00	80.00	0.00126	60.00	70.00	0.00148
60.00	60.00	0.00177	60.00	50.00	0.00214
60.00	40.00	0.00262	60.00	30.00	0.00327
60.00	25.00	0.00369	60.00	20.00	0.00418
60.00	17.00	0.00452	60.00	15.00	0.00477
60.00	13.00	0.00505	60.00	11.00	0.00537
60.00	9.00	0.00576	60.00	-9.00	0.01070
60.00	-11.00	0.01042	60.00	-13.00	0.01017
60.00	-15.00	0.00994	60.00	-17.00	0.00970
60.00	-20.00	0.00936	60.00	-25.00	0.00881
60.00	-30.00	0.00827	60.00	-40.00	0.00731
60.00	-50.00	0.00646	60.00	-60.00	0.00573
60.00	-70.00	0.00510	60.00	-80.00	0.00455
60.00	-90.00	0.00408	60.00	-100.00	0.00368

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00090	70.00	90.00	0.00105
70.00	80.00	0.00123	70.00	70.00	0.00146
70.00	60.00	0.00175	70.00	50.00	0.00211
70.00	40.00	0.00260	70.00	30.00	0.00325

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00367	70.00	20.00	0.00416
70.00	17.00	0.00450	70.00	15.00	0.00475
70.00	13.00	0.00503	70.00	11.00	0.00535
70.00	9.00	0.00574	70.00	-9.00	0.01070
70.00	-11.00	0.01041	70.00	-13.00	0.01016
70.00	-15.00	0.00992	70.00	-17.00	0.00969
70.00	-20.00	0.00935	70.00	-25.00	0.00881
70.00	-30.00	0.00828	70.00	-40.00	0.00732
70.00	-50.00	0.00647	70.00	-60.00	0.00574
70.00	-70.00	0.00511	70.00	-80.00	0.00457
70.00	-90.00	0.00410	70.00	-100.00	0.00370
80.00	100.00	0.00088	80.00	90.00	0.00102
80.00	80.00	0.00120	80.00	70.00	0.00143
80.00	60.00	0.00172	80.00	50.00	0.00209
80.00	40.00	0.00257	80.00	30.00	0.00323
80.00	25.00	0.00364	80.00	20.00	0.00413
80.00	17.00	0.00448	80.00	15.00	0.00473
80.00	13.00	0.00501	80.00	11.00	0.00533
80.00	9.00	0.00572	80.00	-9.00	0.01069
80.00	-11.00	0.01040	80.00	-13.00	0.01015
80.00	-15.00	0.00991	80.00	-17.00	0.00968
80.00	-20.00	0.00934	80.00	-25.00	0.00880
80.00	-30.00	0.00828	80.00	-40.00	0.00733
80.00	-50.00	0.00648	80.00	-60.00	0.00575
80.00	-70.00	0.00512	80.00	-80.00	0.00458
80.00	-90.00	0.00412	80.00	-100.00	0.00372
90.00	100.00	0.00085	90.00	90.00	0.00099
90.00	80.00	0.00117	90.00	70.00	0.00140
90.00	60.00	0.00169	90.00	50.00	0.00205
90.00	40.00	0.00254	90.00	30.00	0.00320
90.00	25.00	0.00361	90.00	20.00	0.00411
90.00	17.00	0.00445	90.00	15.00	0.00470
90.00	13.00	0.00499	90.00	11.00	0.00531
90.00	9.00	0.00569	90.00	-9.00	0.01068
90.00	-11.00	0.01039	90.00	-13.00	0.01014
90.00	-15.00	0.00990	90.00	-17.00	0.00966

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

08NCRA PL93-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00933	90.00	-25.00	0.00879
90.00	-30.00	0.00828	90.00	-40.00	0.00733
90.00	-50.00	0.00649	90.00	-60.00	0.00576
90.00	-70.00	0.00513	90.00	-80.00	0.00459
90.00	-90.00	0.00413	90.00	-100.00	0.00373
100.00	100.00	0.00082	100.00	90.00	0.00096
100.00	80.00	0.00114	100.00	70.00	0.00136
100.00	60.00	0.00165	100.00	50.00	0.00202
100.00	40.00	0.00250	100.00	30.00	0.00316
100.00	25.00	0.00358	100.00	20.00	0.00407
100.00	17.00	0.00442	100.00	15.00	0.00467
100.00	13.00	0.00495	100.00	11.00	0.00527
100.00	9.00	0.00565	100.00	-9.00	0.01069
100.00	-11.00	0.01038	100.00	-13.00	0.01012
100.00	-15.00	0.00988	100.00	-17.00	0.00965
100.00	-20.00	0.00931	100.00	-25.00	0.00878
100.00	-30.00	0.00827	100.00	-40.00	0.00733
100.00	-50.00	0.00649	100.00	-60.00	0.00576
100.00	-70.00	0.00513	100.00	-80.00	0.00460
100.00	-90.00	0.00414	100.00	-100.00	0.00375
110.00	100.00	0.00079	110.00	90.00	0.00092
110.00	80.00	0.00110	110.00	70.00	0.00132
110.00	60.00	0.00160	110.00	50.00	0.00197
110.00	40.00	0.00246	110.00	30.00	0.00311
110.00	25.00	0.00353	110.00	20.00	0.00403
110.00	17.00	0.00438	110.00	15.00	0.00463
110.00	13.00	0.00491	110.00	11.00	0.00523
110.00	9.00	0.00562	110.00	-9.00	0.01068
110.00	-11.00	0.01036	110.00	-13.00	0.01011
110.00	-15.00	0.00987	110.00	-17.00	0.00963
110.00	-20.00	0.00930	110.00	-25.00	0.00877
110.00	-30.00	0.00826	110.00	-40.00	0.00732
110.00	-50.00	0.00649	110.00	-60.00	0.00576
110.00	-70.00	0.00514	110.00	-80.00	0.00460
110.00	-90.00	0.00415	110.00	-100.00	0.00376
120.00	100.00	0.00075	120.00	90.00	0.00088
120.00	80.00	0.00105	120.00	70.00	0.00127
120.00	60.00	0.00155	120.00	50.00	0.00192
120.00	40.00	0.00240	120.00	30.00	0.00306
120.00	25.00	0.00348	120.00	20.00	0.00398

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*



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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00433	120.00	15.00	0.00458
120.00	13.00	0.00487	120.00	11.00	0.00519
120.00	9.00	0.00557	120.00	-9.00	0.01067
120.00	-11.00	0.01034	120.00	-13.00	0.01008
120.00	-15.00	0.00984	120.00	-17.00	0.00962
120.00	-20.00	0.00928	120.00	-25.00	0.00875
120.00	-30.00	0.00825	120.00	-40.00	0.00731
120.00	-50.00	0.00648	120.00	-60.00	0.00576
120.00	-70.00	0.00514	120.00	-80.00	0.00461
120.00	-90.00	0.00415	120.00	-100.00	0.00376
130.00	100.00	0.00071	130.00	90.00	0.00084
130.00	80.00	0.00100	130.00	70.00	0.00121
130.00	60.00	0.00149	130.00	50.00	0.00185
130.00	40.00	0.00234	130.00	30.00	0.00299
130.00	25.00	0.00342	130.00	20.00	0.00392
130.00	17.00	0.00426	130.00	15.00	0.00452
130.00	13.00	0.00481	130.00	11.00	0.00514
130.00	9.00	0.00552	130.00	-9.00	0.01065
130.00	-11.00	0.01033	130.00	-13.00	0.01004
130.00	-15.00	0.00981	130.00	-17.00	0.00959
130.00	-20.00	0.00926	130.00	-25.00	0.00873
130.00	-30.00	0.00822	130.00	-40.00	0.00730
130.00	-50.00	0.00647	130.00	-60.00	0.00575
130.00	-70.00	0.00513	130.00	-80.00	0.00460
130.00	-90.00	0.00415	130.00	-100.00	0.00376
140.00	100.00	0.00067	140.00	90.00	0.00080
140.00	80.00	0.00095	140.00	70.00	0.00115
140.00	60.00	0.00142	140.00	50.00	0.00178
140.00	40.00	0.00226	140.00	30.00	0.00291
140.00	25.00	0.00333	140.00	20.00	0.00384
140.00	17.00	0.00419	140.00	15.00	0.00444
140.00	13.00	0.00473	140.00	11.00	0.00507
140.00	9.00	0.00547	140.00	-9.00	0.01057
140.00	-11.00	0.01030	140.00	-13.00	0.01003
140.00	-15.00	0.00978	140.00	-17.00	0.00956
140.00	-20.00	0.00923	140.00	-25.00	0.00871

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00820	140.00	-40.00	0.00727
140.00	-50.00	0.00645	140.00	-60.00	0.00573
140.00	-70.00	0.00512	140.00	-80.00	0.00460
140.00	-90.00	0.00415	140.00	-100.00	0.00376

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00063	150.00	90.00	0.00075
150.00	80.00	0.00090	150.00	70.00	0.00109
150.00	60.00	0.00134	150.00	50.00	0.00169
150.00	40.00	0.00216	150.00	30.00	0.00282
150.00	25.00	0.00324	150.00	20.00	0.00374
150.00	17.00	0.00409	150.00	15.00	0.00435
150.00	13.00	0.00464	150.00	11.00	0.00497
150.00	9.00	0.00538	150.00	-9.00	0.01046
150.00	-11.00	0.01020	150.00	-13.00	0.00996
150.00	-15.00	0.00974	150.00	-17.00	0.00952
150.00	-20.00	0.00920	150.00	-25.00	0.00868
150.00	-30.00	0.00817	150.00	-40.00	0.00725
150.00	-50.00	0.00643	150.00	-60.00	0.00572
150.00	-70.00	0.00511	150.00	-80.00	0.00459
150.00	-90.00	0.00414	150.00	-100.00	0.00375
160.00	100.00	0.00059	160.00	90.00	0.00070
160.00	80.00	0.00083	160.00	70.00	0.00102
160.00	60.00	0.00126	160.00	50.00	0.00159
160.00	40.00	0.00205	160.00	30.00	0.00270
160.00	25.00	0.00311	160.00	20.00	0.00362
160.00	17.00	0.00397	160.00	15.00	0.00423
160.00	13.00	0.00452	160.00	11.00	0.00486
160.00	9.00	0.00526	160.00	-9.00	0.01039
160.00	-11.00	0.01013	160.00	-13.00	0.00989
160.00	-15.00	0.00967	160.00	-17.00	0.00946
160.00	-20.00	0.00915	160.00	-25.00	0.00864
160.00	-30.00	0.00814	160.00	-40.00	0.00722
160.00	-50.00	0.00640	160.00	-60.00	0.00570
160.00	-70.00	0.00509	160.00	-80.00	0.00457
160.00	-90.00	0.00412	160.00	-100.00	0.00373

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00055	170.00	90.00	0.00064
170.00	80.00	0.00077	170.00	70.00	0.00094
170.00	60.00	0.00116	170.00	50.00	0.00147
170.00	40.00	0.00191	170.00	30.00	0.00255
170.00	25.00	0.00296	170.00	20.00	0.00346
170.00	17.00	0.00382	170.00	15.00	0.00408
170.00	13.00	0.00437	170.00	11.00	0.00471
170.00	9.00	0.00512	170.00	-9.00	0.01031
170.00	-11.00	0.01005	170.00	-13.00	0.00982
170.00	-15.00	0.00961	170.00	-17.00	0.00940

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00909	170.00	-25.00	0.00858
170.00	-30.00	0.00809	170.00	-40.00	0.00718
170.00	-50.00	0.00637	170.00	-60.00	0.00567
170.00	-70.00	0.00506	170.00	-80.00	0.00453
170.00	-90.00	0.00409	170.00	-100.00	0.00370
180.00	100.00	0.00051	180.00	90.00	0.00059
180.00	80.00	0.00070	180.00	70.00	0.00085
180.00	60.00	0.00106	180.00	50.00	0.00134
180.00	40.00	0.00175	180.00	30.00	0.00236
180.00	25.00	0.00277	180.00	20.00	0.00327
180.00	17.00	0.00362	180.00	15.00	0.00388
180.00	13.00	0.00418	180.00	11.00	0.00452
180.00	9.00	0.00492	180.00	-9.00	0.01022
180.00	-11.00	0.00997	180.00	-13.00	0.00974
180.00	-15.00	0.00953	180.00	-17.00	0.00932
180.00	-20.00	0.00902	180.00	-25.00	0.00852
180.00	-30.00	0.00803	180.00	-40.00	0.00713
180.00	-50.00	0.00633	180.00	-60.00	0.00562
180.00	-70.00	0.00501	180.00	-80.00	0.00449
180.00	-90.00	0.00405	180.00	-100.00	0.00367
190.00	100.00	0.00047	190.00	90.00	0.00055
190.00	80.00	0.00064	190.00	70.00	0.00077
190.00	60.00	0.00095	190.00	50.00	0.00120
190.00	40.00	0.00158	190.00	30.00	0.00213

08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00252	190.00	20.00	0.00301
190.00	17.00	0.00336	190.00	15.00	0.00363
190.00	13.00	0.00393	190.00	11.00	0.00427
190.00	9.00	0.00468	190.00	-9.00	0.01014
190.00	-11.00	0.00987	190.00	-13.00	0.00965
190.00	-15.00	0.00944	190.00	-17.00	0.00923
190.00	-20.00	0.00893	190.00	-25.00	0.00844
190.00	-30.00	0.00796	190.00	-40.00	0.00706
190.00	-50.00	0.00625	190.00	-60.00	0.00555
190.00	-70.00	0.00495	190.00	-80.00	0.00444
190.00	-90.00	0.00401	190.00	-100.00	0.00364
200.00	100.00	0.00044	200.00	90.00	0.00051
200.00	80.00	0.00059	200.00	70.00	0.00070
200.00	60.00	0.00085	200.00	50.00	0.00107
200.00	40.00	0.00138	200.00	30.00	0.00188
200.00	25.00	0.00223	200.00	20.00	0.00268

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00302	200.00	15.00	0.00328
200.00	13.00	0.00358	200.00	11.00	0.00392
200.00	9.00	0.00434	200.00	-9.00	0.01003
200.00	-11.00	0.00975	200.00	-13.00	0.00954
200.00	-15.00	0.00934	200.00	-17.00	0.00913
200.00	-20.00	0.00883	200.00	-25.00	0.00835
200.00	-30.00	0.00787	200.00	-40.00	0.00696
200.00	-50.00	0.00616	200.00	-60.00	0.00547
200.00	-70.00	0.00488	200.00	-80.00	0.00438
200.00	-90.00	0.00396	200.00	-100.00	0.00359
210.00	100.00	0.00042	210.00	90.00	0.00048
210.00	80.00	0.00055	210.00	70.00	0.00065
210.00	60.00	0.00078	210.00	50.00	0.00095
210.00	40.00	0.00121	210.00	30.00	0.00160
210.00	25.00	0.00190	210.00	20.00	0.00229
210.00	17.00	0.00259	210.00	15.00	0.00283
210.00	13.00	0.00311	210.00	11.00	0.00345
210.00	9.00	0.00386	210.00	-9.00	0.00989



08NCRA\_PL93-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00567	230.00	-60.00	0.00506
230.00	-70.00	0.00454	230.00	-80.00	0.00410
230.00	-90.00	0.00372	230.00	-100.00	0.00340
240.00	100.00	0.00036	240.00	90.00	0.00041
240.00	80.00	0.00047	240.00	70.00	0.00054
240.00	60.00	0.00063	240.00	50.00	0.00076
240.00	40.00	0.00093	240.00	30.00	0.00118
240.00	25.00	0.00135	240.00	20.00	0.00157
240.00	17.00	0.00174	240.00	15.00	0.00188
240.00	13.00	0.00205	240.00	11.00	0.00224
240.00	9.00	0.00248	240.00	-9.00	0.00640
240.00	-11.00	0.00670	240.00	-13.00	0.00692
240.00	-15.00	0.00705	240.00	-17.00	0.00711
240.00	-20.00	0.00710	240.00	-25.00	0.00692
240.00	-30.00	0.00663	240.00	-40.00	0.00600
240.00	-50.00	0.00540	240.00	-60.00	0.00485
240.00	-70.00	0.00438	240.00	-80.00	0.00397
240.00	-90.00	0.00361	240.00	-100.00	0.00331
250.00	100.00	0.00034	250.00	90.00	0.00039
250.00	80.00	0.00044	250.00	70.00	0.00051
250.00	60.00	0.00060	250.00	50.00	0.00071
250.00	40.00	0.00086	250.00	30.00	0.00108
250.00	25.00	0.00123	250.00	20.00	0.00143
250.00	17.00	0.00159	250.00	15.00	0.00170
250.00	13.00	0.00184	250.00	11.00	0.00200
250.00	9.00	0.00218	250.00	-9.00	0.00471
250.00	-11.00	0.00496	250.00	-13.00	0.00519
250.00	-15.00	0.00539	250.00	-17.00	0.00555

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00573	250.00	-25.00	0.00585
250.00	-30.00	0.00581	250.00	-40.00	0.00546
250.00	-50.00	0.00501	250.00	-60.00	0.00457
250.00	-70.00	0.00417	250.00	-80.00	0.00380
250.00	-90.00	0.00348	250.00	-100.00	0.00320

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00824 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT ( 220.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT ( 190.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00824 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT ( 130.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT ( 100.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00824 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT ( 40.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT ( 10.00, -11.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00824 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT ( -50.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT ( -80.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00824 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT ( -140.00, -13.00, 0.00, 1.20)	DC	NA

		08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00762	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00745	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01079	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01077	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01076	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01074	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01071	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01070	AT (	60.00,	-9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01070	AT (	70.00,	-9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01069	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01069	AT (	80.00,	-9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01068	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:44:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 8 Informational Message(s)  
 A Total of 8 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*



ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 10:54:16

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
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RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
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RE DISCCART	-240.0	11.0	1.2
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RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
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RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
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RE DISCCART	-230.0	-11.0	1.2
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RE DISCCART	-230.0	-17.0	1.2
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RE DISCCART	-230.0	-30.0	1.2
RE DISCCART	-230.0	-40.0	1.2
RE DISCCART	-230.0	-50.0	1.2
RE DISCCART	-230.0	-60.0	1.2
RE DISCCART	-230.0	-70.0	1.2

RE DISCCART	-230.0	-80.0	1.2
RE DISCCART	-230.0	-90.0	1.2
RE DISCCART	-230.0	-100.0	1.2
RE DISCCART	-220.0	100.0	1.2
RE DISCCART	-220.0	90.0	1.2
RE DISCCART	-220.0	80.0	1.2
RE DISCCART	-220.0	70.0	1.2
RE DISCCART	-220.0	60.0	1.2
RE DISCCART	-220.0	50.0	1.2
RE DISCCART	-220.0	40.0	1.2
RE DISCCART	-220.0	30.0	1.2
RE DISCCART	-220.0	25.0	1.2
RE DISCCART	-220.0	20.0	1.2
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RE DISCCART	-220.0	13.0	1.2
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RE DISCCART	-220.0	9.0	1.2
RE DISCCART	-220.0	-9.0	1.2
RE DISCCART	-220.0	-11.0	1.2
RE DISCCART	-220.0	-13.0	1.2
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RE DISCCART	-220.0	-30.0	1.2
RE DISCCART	-220.0	-40.0	1.2
RE DISCCART	-220.0	-50.0	1.2
RE DISCCART	-220.0	-60.0	1.2
RE DISCCART	-220.0	-70.0	1.2
RE DISCCART	-220.0	-80.0	1.2
RE DISCCART	-220.0	-90.0	1.2
RE DISCCART	-220.0	-100.0	1.2
RE DISCCART	-210.0	100.0	1.2
RE DISCCART	-210.0	90.0	1.2
RE DISCCART	-210.0	80.0	1.2
RE DISCCART	-210.0	70.0	1.2
RE DISCCART	-210.0	60.0	1.2
RE DISCCART	-210.0	50.0	1.2
RE DISCCART	-210.0	40.0	1.2
RE DISCCART	-210.0	30.0	1.2
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RE DISCCART	-210.0	-25.0	1.2
RE DISCCART	-210.0	-30.0	1.2
RE DISCCART	-210.0	-40.0	1.2
RE DISCCART	-210.0	-50.0	1.2
RE DISCCART	-210.0	-60.0	1.2
RE DISCCART	-210.0	-70.0	1.2
RE DISCCART	-210.0	-80.0	1.2
RE DISCCART	-210.0	-90.0	1.2
RE DISCCART	-210.0	-100.0	1.2
RE DISCCART	-200.0	100.0	1.2
RE DISCCART	-200.0	90.0	1.2
RE DISCCART	-200.0	80.0	1.2
RE DISCCART	-200.0	70.0	1.2
RE DISCCART	-200.0	60.0	1.2
RE DISCCART	-200.0	50.0	1.2
RE DISCCART	-200.0	40.0	1.2
RE DISCCART	-200.0	30.0	1.2
RE DISCCART	-200.0	25.0	1.2
RE DISCCART	-200.0	20.0	1.2
RE DISCCART	-200.0	17.0	1.2
RE DISCCART	-200.0	15.0	1.2
RE DISCCART	-200.0	13.0	1.2
RE DISCCART	-200.0	11.0	1.2
RE DISCCART	-200.0	9.0	1.2
RE DISCCART	-200.0	-9.0	1.2
RE DISCCART	-200.0	-11.0	1.2
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RE DISCCART	-200.0	-17.0	1.2
RE DISCCART	-200.0	-20.0	1.2
RE DISCCART	-200.0	-25.0	1.2
RE DISCCART	-200.0	-30.0	1.2
RE DISCCART	-200.0	-40.0	1.2
RE DISCCART	-200.0	-50.0	1.2

RE DISCCART	-200.0	-60.0	1.2
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RE DISCCART	90.0	11.0	1.2
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RE DISCCART	110.0	-15.0	1.2

RE DISCCART	110.0	-17.0	1.2
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RE DISCCART	200.0	20.0	1.2
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RE DISCCART	200.0	13.0	1.2



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RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2  
RE DISCCART 240.0 -70.0 1.2  
RE DISCCART 240.0 -80.0 1.2  
RE DISCCART 240.0 -90.0 1.2  
RE DISCCART 240.0 -100.0 1.2  
RE DISCCART 250.0 100.0 1.2  
RE DISCCART 250.0 90.0 1.2  
RE DISCCART 250.0 80.0 1.2  
RE DISCCART 250.0 70.0 1.2  
RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
RE DISCCART 250.0 17.0 1.2  
RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
RE DISCCART 250.0 11.0 1.2  
RE DISCCART 250.0 9.0 1.2  
RE DISCCART 250.0 -9.0 1.2  
RE DISCCART 250.0 -11.0 1.2  
RE DISCCART 250.0 -13.0 1.2  
RE DISCCART 250.0 -15.0 1.2  
RE DISCCART 250.0 -17.0 1.2  
RE DISCCART 250.0 -20.0 1.2  
RE DISCCART 250.0 -25.0 1.2  
RE DISCCART 250.0 -30.0 1.2  
RE DISCCART 250.0 -40.0 1.2  
RE DISCCART 250.0 -50.0 1.2  
RE DISCCART 250.0 -60.0 1.2  
RE DISCCART 250.0 -70.0 1.2  
RE DISCCART 250.0 -80.0 1.2  
RE DISCCART 250.0 -90.0 1.2  
RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET94300.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 9901 1994  
ME UAIRDATA 9901 1994  
ME STARTEND 1994 01 01 1 1994 12 31 24  
ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\09NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\09NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA\_S1 through NCRA\_S5.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

- NCRA\_S1 NCRA\_S1 ,
NCRA\_S2 NCRA\_S2 ,
NCRA\_S3 NCRA\_S3 ,
NCRA\_S4 NCRA\_S4 ,
NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- ( -250.0, 100.0, 0.0, 1.2); ( -250.0, 90.0, 0.0, 1.2);
( -250.0, 80.0, 0.0, 1.2); ( -250.0, 70.0, 0.0, 1.2);
( -250.0, 60.0, 0.0, 1.2); ( -250.0, 50.0, 0.0, 1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( -250.0,	40.0,	0.0,	1.2);	( -250.0,	30.0,	0.0,	1.2);
( -250.0,	25.0,	0.0,	1.2);	( -250.0,	20.0,	0.0,	1.2);
( -250.0,	17.0,	0.0,	1.2);	( -250.0,	15.0,	0.0,	1.2);
( -250.0,	13.0,	0.0,	1.2);	( -250.0,	11.0,	0.0,	1.2);
( -250.0,	9.0,	0.0,	1.2);	( -250.0,	-9.0,	0.0,	1.2);
( -250.0,	-11.0,	0.0,	1.2);	( -250.0,	-13.0,	0.0,	1.2);
( -250.0,	-15.0,	0.0,	1.2);	( -250.0,	-17.0,	0.0,	1.2);
( -250.0,	-20.0,	0.0,	1.2);	( -250.0,	-25.0,	0.0,	1.2);
( -250.0,	-30.0,	0.0,	1.2);	( -250.0,	-40.0,	0.0,	1.2);
( -250.0,	-50.0,	0.0,	1.2);	( -250.0,	-60.0,	0.0,	1.2);
( -250.0,	-70.0,	0.0,	1.2);	( -250.0,	-80.0,	0.0,	1.2);
( -250.0,	-90.0,	0.0,	1.2);	( -250.0,	-100.0,	0.0,	1.2);
( -240.0,	100.0,	0.0,	1.2);	( -240.0,	90.0,	0.0,	1.2);
( -240.0,	80.0,	0.0,	1.2);	( -240.0,	70.0,	0.0,	1.2);
( -240.0,	60.0,	0.0,	1.2);	( -240.0,	50.0,	0.0,	1.2);
( -240.0,	40.0,	0.0,	1.2);	( -240.0,	30.0,	0.0,	1.2);
( -240.0,	25.0,	0.0,	1.2);	( -240.0,	20.0,	0.0,	1.2);
( -240.0,	17.0,	0.0,	1.2);	( -240.0,	15.0,	0.0,	1.2);
( -240.0,	13.0,	0.0,	1.2);	( -240.0,	11.0,	0.0,	1.2);
( -240.0,	9.0,	0.0,	1.2);	( -240.0,	-9.0,	0.0,	1.2);
( -240.0,	-11.0,	0.0,	1.2);	( -240.0,	-13.0,	0.0,	1.2);
( -240.0,	-15.0,	0.0,	1.2);	( -240.0,	-17.0,	0.0,	1.2);
( -240.0,	-20.0,	0.0,	1.2);	( -240.0,	-25.0,	0.0,	1.2);
( -240.0,	-30.0,	0.0,	1.2);	( -240.0,	-40.0,	0.0,	1.2);
( -240.0,	-50.0,	0.0,	1.2);	( -240.0,	-60.0,	0.0,	1.2);
( -240.0,	-70.0,	0.0,	1.2);	( -240.0,	-80.0,	0.0,	1.2);
( -240.0,	-90.0,	0.0,	1.2);	( -240.0,	-100.0,	0.0,	1.2);
( -230.0,	100.0,	0.0,	1.2);	( -230.0,	90.0,	0.0,	1.2);
( -230.0,	80.0,	0.0,	1.2);	( -230.0,	70.0,	0.0,	1.2);
( -230.0,	60.0,	0.0,	1.2);	( -230.0,	50.0,	0.0,	1.2);
( -230.0,	40.0,	0.0,	1.2);	( -230.0,	30.0,	0.0,	1.2);
( -230.0,	25.0,	0.0,	1.2);	( -230.0,	20.0,	0.0,	1.2);
( -230.0,	17.0,	0.0,	1.2);	( -230.0,	15.0,	0.0,	1.2);
( -230.0,	13.0,	0.0,	1.2);	( -230.0,	11.0,	0.0,	1.2);
( -230.0,	9.0,	0.0,	1.2);	( -230.0,	-9.0,	0.0,	1.2);
( -230.0,	-11.0,	0.0,	1.2);	( -230.0,	-13.0,	0.0,	1.2);
( -230.0,	-15.0,	0.0,	1.2);	( -230.0,	-17.0,	0.0,	1.2);
( -230.0,	-20.0,	0.0,	1.2);	( -230.0,	-25.0,	0.0,	1.2);
( -230.0,	-30.0,	0.0,	1.2);	( -230.0,	-40.0,	0.0,	1.2);
( -230.0,	-50.0,	0.0,	1.2);	( -230.0,	-60.0,	0.0,	1.2);
( -230.0,	-70.0,	0.0,	1.2);	( -230.0,	-80.0,	0.0,	1.2);
( -230.0,	-90.0,	0.0,	1.2);	( -230.0,	-100.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -220.0, 100.0, 0.0, 1.2);	( -220.0, 90.0, 0.0, 1.2);
( -220.0, 80.0, 0.0, 1.2);	( -220.0, 70.0, 0.0, 1.2);
( -220.0, 60.0, 0.0, 1.2);	( -220.0, 50.0, 0.0, 1.2);
( -220.0, 40.0, 0.0, 1.2);	( -220.0, 30.0, 0.0, 1.2);
( -220.0, 25.0, 0.0, 1.2);	( -220.0, 20.0, 0.0, 1.2);
( -220.0, 17.0, 0.0, 1.2);	( -220.0, 15.0, 0.0, 1.2);
( -220.0, 13.0, 0.0, 1.2);	( -220.0, 11.0, 0.0, 1.2);
( -220.0, 9.0, 0.0, 1.2);	( -220.0, -9.0, 0.0, 1.2);
( -220.0, -11.0, 0.0, 1.2);	( -220.0, -13.0, 0.0, 1.2);
( -220.0, -15.0, 0.0, 1.2);	( -220.0, -17.0, 0.0, 1.2);
( -220.0, -20.0, 0.0, 1.2);	( -220.0, -25.0, 0.0, 1.2);
( -220.0, -30.0, 0.0, 1.2);	( -220.0, -40.0, 0.0, 1.2);
( -220.0, -50.0, 0.0, 1.2);	( -220.0, -60.0, 0.0, 1.2);
( -220.0, -70.0, 0.0, 1.2);	( -220.0, -80.0, 0.0, 1.2);
( -220.0, -90.0, 0.0, 1.2);	( -220.0, -100.0, 0.0, 1.2);
( -210.0, 100.0, 0.0, 1.2);	( -210.0, 90.0, 0.0, 1.2);
( -210.0, 80.0, 0.0, 1.2);	( -210.0, 70.0, 0.0, 1.2);
( -210.0, 60.0, 0.0, 1.2);	( -210.0, 50.0, 0.0, 1.2);
( -210.0, 40.0, 0.0, 1.2);	( -210.0, 30.0, 0.0, 1.2);
( -210.0, 25.0, 0.0, 1.2);	( -210.0, 20.0, 0.0, 1.2);
( -210.0, 17.0, 0.0, 1.2);	( -210.0, 15.0, 0.0, 1.2);
( -210.0, 13.0, 0.0, 1.2);	( -210.0, 11.0, 0.0, 1.2);
( -210.0, 9.0, 0.0, 1.2);	( -210.0, -9.0, 0.0, 1.2);
( -210.0, -11.0, 0.0, 1.2);	( -210.0, -13.0, 0.0, 1.2);
( -210.0, -15.0, 0.0, 1.2);	( -210.0, -17.0, 0.0, 1.2);
( -210.0, -20.0, 0.0, 1.2);	( -210.0, -25.0, 0.0, 1.2);
( -210.0, -30.0, 0.0, 1.2);	( -210.0, -40.0, 0.0, 1.2);
( -210.0, -50.0, 0.0, 1.2);	( -210.0, -60.0, 0.0, 1.2);
( -210.0, -70.0, 0.0, 1.2);	( -210.0, -80.0, 0.0, 1.2);
( -210.0, -90.0, 0.0, 1.2);	( -210.0, -100.0, 0.0, 1.2);
( -200.0, 100.0, 0.0, 1.2);	( -200.0, 90.0, 0.0, 1.2);
( -200.0, 80.0, 0.0, 1.2);	( -200.0, 70.0, 0.0, 1.2);
( -200.0, 60.0, 0.0, 1.2);	( -200.0, 50.0, 0.0, 1.2);
( -200.0, 40.0, 0.0, 1.2);	( -200.0, 30.0, 0.0, 1.2);
( -200.0, 25.0, 0.0, 1.2);	( -200.0, 20.0, 0.0, 1.2);
( -200.0, 17.0, 0.0, 1.2);	( -200.0, 15.0, 0.0, 1.2);
( -200.0, 13.0, 0.0, 1.2);	( -200.0, 11.0, 0.0, 1.2);
( -200.0, 9.0, 0.0, 1.2);	( -200.0, -9.0, 0.0, 1.2);
( -200.0, -11.0, 0.0, 1.2);	( -200.0, -13.0, 0.0, 1.2);



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( -200.0,	-15.0,	0.0,	1.2);	( -200.0,	-17.0,	0.0,	1.2);
( -200.0,	-20.0,	0.0,	1.2);	( -200.0,	-25.0,	0.0,	1.2);
( -200.0,	-30.0,	0.0,	1.2);	( -200.0,	-40.0,	0.0,	1.2);
( -200.0,	-50.0,	0.0,	1.2);	( -200.0,	-60.0,	0.0,	1.2);
( -200.0,	-70.0,	0.0,	1.2);	( -200.0,	-80.0,	0.0,	1.2);
( -200.0,	-90.0,	0.0,	1.2);	( -200.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -190.0,	100.0,	0.0,	1.2);	( -190.0,	90.0,	0.0,	1.2);
( -190.0,	80.0,	0.0,	1.2);	( -190.0,	70.0,	0.0,	1.2);
( -190.0,	60.0,	0.0,	1.2);	( -190.0,	50.0,	0.0,	1.2);
( -190.0,	40.0,	0.0,	1.2);	( -190.0,	30.0,	0.0,	1.2);
( -190.0,	25.0,	0.0,	1.2);	( -190.0,	20.0,	0.0,	1.2);
( -190.0,	17.0,	0.0,	1.2);	( -190.0,	15.0,	0.0,	1.2);
( -190.0,	13.0,	0.0,	1.2);	( -190.0,	11.0,	0.0,	1.2);
( -190.0,	9.0,	0.0,	1.2);	( -190.0,	-9.0,	0.0,	1.2);
( -190.0,	-11.0,	0.0,	1.2);	( -190.0,	-13.0,	0.0,	1.2);
( -190.0,	-15.0,	0.0,	1.2);	( -190.0,	-17.0,	0.0,	1.2);
( -190.0,	-20.0,	0.0,	1.2);	( -190.0,	-25.0,	0.0,	1.2);
( -190.0,	-30.0,	0.0,	1.2);	( -190.0,	-40.0,	0.0,	1.2);
( -190.0,	-50.0,	0.0,	1.2);	( -190.0,	-60.0,	0.0,	1.2);
( -190.0,	-70.0,	0.0,	1.2);	( -190.0,	-80.0,	0.0,	1.2);
( -190.0,	-90.0,	0.0,	1.2);	( -190.0,	-100.0,	0.0,	1.2);
( -180.0,	100.0,	0.0,	1.2);	( -180.0,	90.0,	0.0,	1.2);
( -180.0,	80.0,	0.0,	1.2);	( -180.0,	70.0,	0.0,	1.2);
( -180.0,	60.0,	0.0,	1.2);	( -180.0,	50.0,	0.0,	1.2);
( -180.0,	40.0,	0.0,	1.2);	( -180.0,	30.0,	0.0,	1.2);
( -180.0,	25.0,	0.0,	1.2);	( -180.0,	20.0,	0.0,	1.2);
( -180.0,	17.0,	0.0,	1.2);	( -180.0,	15.0,	0.0,	1.2);
( -180.0,	13.0,	0.0,	1.2);	( -180.0,	11.0,	0.0,	1.2);
( -180.0,	9.0,	0.0,	1.2);	( -180.0,	-9.0,	0.0,	1.2);
( -180.0,	-11.0,	0.0,	1.2);	( -180.0,	-13.0,	0.0,	1.2);
( -180.0,	-15.0,	0.0,	1.2);	( -180.0,	-17.0,	0.0,	1.2);
( -180.0,	-20.0,	0.0,	1.2);	( -180.0,	-25.0,	0.0,	1.2);
( -180.0,	-30.0,	0.0,	1.2);	( -180.0,	-40.0,	0.0,	1.2);
( -180.0,	-50.0,	0.0,	1.2);	( -180.0,	-60.0,	0.0,	1.2);
( -180.0,	-70.0,	0.0,	1.2);	( -180.0,	-80.0,	0.0,	1.2);
( -180.0,	-90.0,	0.0,	1.2);	( -180.0,	-100.0,	0.0,	1.2);
( -170.0,	100.0,	0.0,	1.2);	( -170.0,	90.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( -170.0,	80.0,	0.0,	1.2);	( -170.0,	70.0,	0.0,	1.2);
( -170.0,	60.0,	0.0,	1.2);	( -170.0,	50.0,	0.0,	1.2);
( -170.0,	40.0,	0.0,	1.2);	( -170.0,	30.0,	0.0,	1.2);
( -170.0,	25.0,	0.0,	1.2);	( -170.0,	20.0,	0.0,	1.2);
( -170.0,	17.0,	0.0,	1.2);	( -170.0,	15.0,	0.0,	1.2);
( -170.0,	13.0,	0.0,	1.2);	( -170.0,	11.0,	0.0,	1.2);
( -170.0,	9.0,	0.0,	1.2);	( -170.0,	-9.0,	0.0,	1.2);
( -170.0,	-11.0,	0.0,	1.2);	( -170.0,	-13.0,	0.0,	1.2);
( -170.0,	-15.0,	0.0,	1.2);	( -170.0,	-17.0,	0.0,	1.2);
( -170.0,	-20.0,	0.0,	1.2);	( -170.0,	-25.0,	0.0,	1.2);
( -170.0,	-30.0,	0.0,	1.2);	( -170.0,	-40.0,	0.0,	1.2);
( -170.0,	-50.0,	0.0,	1.2);	( -170.0,	-60.0,	0.0,	1.2);
( -170.0,	-70.0,	0.0,	1.2);	( -170.0,	-80.0,	0.0,	1.2);
( -170.0,	-90.0,	0.0,	1.2);	( -170.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -160.0,	100.0,	0.0,	1.2);	( -160.0,	90.0,	0.0,	1.2);
( -160.0,	80.0,	0.0,	1.2);	( -160.0,	70.0,	0.0,	1.2);
( -160.0,	60.0,	0.0,	1.2);	( -160.0,	50.0,	0.0,	1.2);
( -160.0,	40.0,	0.0,	1.2);	( -160.0,	30.0,	0.0,	1.2);
( -160.0,	25.0,	0.0,	1.2);	( -160.0,	20.0,	0.0,	1.2);
( -160.0,	17.0,	0.0,	1.2);	( -160.0,	15.0,	0.0,	1.2);
( -160.0,	13.0,	0.0,	1.2);	( -160.0,	11.0,	0.0,	1.2);
( -160.0,	9.0,	0.0,	1.2);	( -160.0,	-9.0,	0.0,	1.2);
( -160.0,	-11.0,	0.0,	1.2);	( -160.0,	-13.0,	0.0,	1.2);
( -160.0,	-15.0,	0.0,	1.2);	( -160.0,	-17.0,	0.0,	1.2);
( -160.0,	-20.0,	0.0,	1.2);	( -160.0,	-25.0,	0.0,	1.2);
( -160.0,	-30.0,	0.0,	1.2);	( -160.0,	-40.0,	0.0,	1.2);
( -160.0,	-50.0,	0.0,	1.2);	( -160.0,	-60.0,	0.0,	1.2);
( -160.0,	-70.0,	0.0,	1.2);	( -160.0,	-80.0,	0.0,	1.2);
( -160.0,	-90.0,	0.0,	1.2);	( -160.0,	-100.0,	0.0,	1.2);
( -150.0,	100.0,	0.0,	1.2);	( -150.0,	90.0,	0.0,	1.2);
( -150.0,	80.0,	0.0,	1.2);	( -150.0,	70.0,	0.0,	1.2);
( -150.0,	60.0,	0.0,	1.2);	( -150.0,	50.0,	0.0,	1.2);
( -150.0,	40.0,	0.0,	1.2);	( -150.0,	30.0,	0.0,	1.2);
( -150.0,	25.0,	0.0,	1.2);	( -150.0,	20.0,	0.0,	1.2);
( -150.0,	17.0,	0.0,	1.2);	( -150.0,	15.0,	0.0,	1.2);
( -150.0,	13.0,	0.0,	1.2);	( -150.0,	11.0,	0.0,	1.2);
( -150.0,	9.0,	0.0,	1.2);	( -150.0,	-9.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( -150.0,	-11.0,	0.0,	1.2);	( -150.0,	-13.0,	0.0,	1.2);
( -150.0,	-15.0,	0.0,	1.2);	( -150.0,	-17.0,	0.0,	1.2);
( -150.0,	-20.0,	0.0,	1.2);	( -150.0,	-25.0,	0.0,	1.2);
( -150.0,	-30.0,	0.0,	1.2);	( -150.0,	-40.0,	0.0,	1.2);
( -150.0,	-50.0,	0.0,	1.2);	( -150.0,	-60.0,	0.0,	1.2);
( -150.0,	-70.0,	0.0,	1.2);	( -150.0,	-80.0,	0.0,	1.2);
( -150.0,	-90.0,	0.0,	1.2);	( -150.0,	-100.0,	0.0,	1.2);
( -140.0,	100.0,	0.0,	1.2);	( -140.0,	90.0,	0.0,	1.2);
( -140.0,	80.0,	0.0,	1.2);	( -140.0,	70.0,	0.0,	1.2);
( -140.0,	60.0,	0.0,	1.2);	( -140.0,	50.0,	0.0,	1.2);
( -140.0,	40.0,	0.0,	1.2);	( -140.0,	30.0,	0.0,	1.2);
( -140.0,	25.0,	0.0,	1.2);	( -140.0,	20.0,	0.0,	1.2);
( -140.0,	17.0,	0.0,	1.2);	( -140.0,	15.0,	0.0,	1.2);
( -140.0,	13.0,	0.0,	1.2);	( -140.0,	11.0,	0.0,	1.2);
( -140.0,	9.0,	0.0,	1.2);	( -140.0,	-9.0,	0.0,	1.2);
( -140.0,	-11.0,	0.0,	1.2);	( -140.0,	-13.0,	0.0,	1.2);
( -140.0,	-15.0,	0.0,	1.2);	( -140.0,	-17.0,	0.0,	1.2);
( -140.0,	-20.0,	0.0,	1.2);	( -140.0,	-25.0,	0.0,	1.2);
( -140.0,	-30.0,	0.0,	1.2);	( -140.0,	-40.0,	0.0,	1.2);
( -140.0,	-50.0,	0.0,	1.2);	( -140.0,	-60.0,	0.0,	1.2);
( -140.0,	-70.0,	0.0,	1.2);	( -140.0,	-80.0,	0.0,	1.2);
( -140.0,	-90.0,	0.0,	1.2);	( -140.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -130.0,	100.0,	0.0,	1.2);	( -130.0,	90.0,	0.0,	1.2);
( -130.0,	80.0,	0.0,	1.2);	( -130.0,	70.0,	0.0,	1.2);
( -130.0,	60.0,	0.0,	1.2);	( -130.0,	50.0,	0.0,	1.2);
( -130.0,	40.0,	0.0,	1.2);	( -130.0,	30.0,	0.0,	1.2);
( -130.0,	25.0,	0.0,	1.2);	( -130.0,	20.0,	0.0,	1.2);
( -130.0,	17.0,	0.0,	1.2);	( -130.0,	15.0,	0.0,	1.2);
( -130.0,	13.0,	0.0,	1.2);	( -130.0,	11.0,	0.0,	1.2);
( -130.0,	9.0,	0.0,	1.2);	( -130.0,	-9.0,	0.0,	1.2);
( -130.0,	-11.0,	0.0,	1.2);	( -130.0,	-13.0,	0.0,	1.2);
( -130.0,	-15.0,	0.0,	1.2);	( -130.0,	-17.0,	0.0,	1.2);
( -130.0,	-20.0,	0.0,	1.2);	( -130.0,	-25.0,	0.0,	1.2);
( -130.0,	-30.0,	0.0,	1.2);	( -130.0,	-40.0,	0.0,	1.2);
( -130.0,	-50.0,	0.0,	1.2);	( -130.0,	-60.0,	0.0,	1.2);
( -130.0,	-70.0,	0.0,	1.2);	( -130.0,	-80.0,	0.0,	1.2);
( -130.0,	-90.0,	0.0,	1.2);	( -130.0,	-100.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( -120.0,	100.0,	0.0,	1.2);	( -120.0,	90.0,	0.0,	1.2);
( -120.0,	80.0,	0.0,	1.2);	( -120.0,	70.0,	0.0,	1.2);
( -120.0,	60.0,	0.0,	1.2);	( -120.0,	50.0,	0.0,	1.2);
( -120.0,	40.0,	0.0,	1.2);	( -120.0,	30.0,	0.0,	1.2);
( -120.0,	25.0,	0.0,	1.2);	( -120.0,	20.0,	0.0,	1.2);
( -120.0,	17.0,	0.0,	1.2);	( -120.0,	15.0,	0.0,	1.2);
( -120.0,	13.0,	0.0,	1.2);	( -120.0,	11.0,	0.0,	1.2);
( -120.0,	9.0,	0.0,	1.2);	( -120.0,	-9.0,	0.0,	1.2);
( -120.0,	-11.0,	0.0,	1.2);	( -120.0,	-13.0,	0.0,	1.2);
( -120.0,	-15.0,	0.0,	1.2);	( -120.0,	-17.0,	0.0,	1.2);
( -120.0,	-20.0,	0.0,	1.2);	( -120.0,	-25.0,	0.0,	1.2);
( -120.0,	-30.0,	0.0,	1.2);	( -120.0,	-40.0,	0.0,	1.2);
( -120.0,	-50.0,	0.0,	1.2);	( -120.0,	-60.0,	0.0,	1.2);
( -120.0,	-70.0,	0.0,	1.2);	( -120.0,	-80.0,	0.0,	1.2);
( -120.0,	-90.0,	0.0,	1.2);	( -120.0,	-100.0,	0.0,	1.2);
( -110.0,	100.0,	0.0,	1.2);	( -110.0,	90.0,	0.0,	1.2);
( -110.0,	80.0,	0.0,	1.2);	( -110.0,	70.0,	0.0,	1.2);
( -110.0,	60.0,	0.0,	1.2);	( -110.0,	50.0,	0.0,	1.2);
( -110.0,	40.0,	0.0,	1.2);	( -110.0,	30.0,	0.0,	1.2);
( -110.0,	25.0,	0.0,	1.2);	( -110.0,	20.0,	0.0,	1.2);
( -110.0,	17.0,	0.0,	1.2);	( -110.0,	15.0,	0.0,	1.2);
( -110.0,	13.0,	0.0,	1.2);	( -110.0,	11.0,	0.0,	1.2);
( -110.0,	9.0,	0.0,	1.2);	( -110.0,	-9.0,	0.0,	1.2);
( -110.0,	-11.0,	0.0,	1.2);	( -110.0,	-13.0,	0.0,	1.2);
( -110.0,	-15.0,	0.0,	1.2);	( -110.0,	-17.0,	0.0,	1.2);
( -110.0,	-20.0,	0.0,	1.2);	( -110.0,	-25.0,	0.0,	1.2);
( -110.0,	-30.0,	0.0,	1.2);	( -110.0,	-40.0,	0.0,	1.2);
( -110.0,	-50.0,	0.0,	1.2);	( -110.0,	-60.0,	0.0,	1.2);
( -110.0,	-70.0,	0.0,	1.2);	( -110.0,	-80.0,	0.0,	1.2);
( -110.0,	-90.0,	0.0,	1.2);	( -110.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -100.0,	100.0,	0.0,	1.2);	( -100.0,	90.0,	0.0,	1.2);
( -100.0,	80.0,	0.0,	1.2);	( -100.0,	70.0,	0.0,	1.2);
( -100.0,	60.0,	0.0,	1.2);	( -100.0,	50.0,	0.0,	1.2);
( -100.0,	40.0,	0.0,	1.2);	( -100.0,	30.0,	0.0,	1.2);
( -100.0,	25.0,	0.0,	1.2);	( -100.0,	20.0,	0.0,	1.2);
( -100.0,	17.0,	0.0,	1.2);	( -100.0,	15.0,	0.0,	1.2);
( -100.0,	13.0,	0.0,	1.2);	( -100.0,	11.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( -100.0,	9.0,	0.0,	1.2);	( -100.0,	-9.0,	0.0,	1.2);
( -100.0,	-11.0,	0.0,	1.2);	( -100.0,	-13.0,	0.0,	1.2);
( -100.0,	-15.0,	0.0,	1.2);	( -100.0,	-17.0,	0.0,	1.2);
( -100.0,	-20.0,	0.0,	1.2);	( -100.0,	-25.0,	0.0,	1.2);
( -100.0,	-30.0,	0.0,	1.2);	( -100.0,	-40.0,	0.0,	1.2);
( -100.0,	-50.0,	0.0,	1.2);	( -100.0,	-60.0,	0.0,	1.2);
( -100.0,	-70.0,	0.0,	1.2);	( -100.0,	-80.0,	0.0,	1.2);
( -100.0,	-90.0,	0.0,	1.2);	( -100.0,	-100.0,	0.0,	1.2);
( -90.0,	100.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -90.0,	80.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -90.0,	60.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -90.0,	40.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -90.0,	25.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -90.0,	17.0,	0.0,	1.2);	( -90.0,	15.0,	0.0,	1.2);
( -90.0,	13.0,	0.0,	1.2);	( -90.0,	11.0,	0.0,	1.2);
( -90.0,	9.0,	0.0,	1.2);	( -90.0,	-9.0,	0.0,	1.2);
( -90.0,	-11.0,	0.0,	1.2);	( -90.0,	-13.0,	0.0,	1.2);
( -90.0,	-15.0,	0.0,	1.2);	( -90.0,	-17.0,	0.0,	1.2);
( -90.0,	-20.0,	0.0,	1.2);	( -90.0,	-25.0,	0.0,	1.2);
( -90.0,	-30.0,	0.0,	1.2);	( -90.0,	-40.0,	0.0,	1.2);
( -90.0,	-50.0,	0.0,	1.2);	( -90.0,	-60.0,	0.0,	1.2);
( -90.0,	-70.0,	0.0,	1.2);	( -90.0,	-80.0,	0.0,	1.2);
( -90.0,	-90.0,	0.0,	1.2);	( -90.0,	-100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -80.0,	90.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -80.0,	70.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -80.0,	50.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -80.0,	30.0,	0.0,	1.2);
( -80.0,	25.0,	0.0,	1.2);	( -80.0,	20.0,	0.0,	1.2);
( -80.0,	17.0,	0.0,	1.2);	( -80.0,	15.0,	0.0,	1.2);
( -80.0,	13.0,	0.0,	1.2);	( -80.0,	11.0,	0.0,	1.2);
( -80.0,	9.0,	0.0,	1.2);	( -80.0,	-9.0,	0.0,	1.2);
( -80.0,	-11.0,	0.0,	1.2);	( -80.0,	-13.0,	0.0,	1.2);
( -80.0,	-15.0,	0.0,	1.2);	( -80.0,	-17.0,	0.0,	1.2);
( -80.0,	-20.0,	0.0,	1.2);	( -80.0,	-25.0,	0.0,	1.2);
( -80.0,	-30.0,	0.0,	1.2);	( -80.0,	-40.0,	0.0,	1.2);
( -80.0,	-50.0,	0.0,	1.2);	( -80.0,	-60.0,	0.0,	1.2);
( -80.0,	-70.0,	0.0,	1.2);	( -80.0,	-80.0,	0.0,	1.2);
( -80.0,	-90.0,	0.0,	1.2);	( -80.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

( -70.0, 100.0, 0.0, 1.2);	( -70.0, 90.0, 0.0, 1.2);
( -70.0, 80.0, 0.0, 1.2);	( -70.0, 70.0, 0.0, 1.2);
( -70.0, 60.0, 0.0, 1.2);	( -70.0, 50.0, 0.0, 1.2);
( -70.0, 40.0, 0.0, 1.2);	( -70.0, 30.0, 0.0, 1.2);
( -70.0, 25.0, 0.0, 1.2);	( -70.0, 20.0, 0.0, 1.2);
( -70.0, 17.0, 0.0, 1.2);	( -70.0, 15.0, 0.0, 1.2);
( -70.0, 13.0, 0.0, 1.2);	( -70.0, 11.0, 0.0, 1.2);
( -70.0, 9.0, 0.0, 1.2);	( -70.0, -9.0, 0.0, 1.2);
( -70.0, -11.0, 0.0, 1.2);	( -70.0, -13.0, 0.0, 1.2);
( -70.0, -15.0, 0.0, 1.2);	( -70.0, -17.0, 0.0, 1.2);
( -70.0, -20.0, 0.0, 1.2);	( -70.0, -25.0, 0.0, 1.2);
( -70.0, -30.0, 0.0, 1.2);	( -70.0, -40.0, 0.0, 1.2);
( -70.0, -50.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -70.0, -70.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -70.0, -90.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, 100.0, 0.0, 1.2);	( -60.0, 90.0, 0.0, 1.2);
( -60.0, 80.0, 0.0, 1.2);	( -60.0, 70.0, 0.0, 1.2);
( -60.0, 60.0, 0.0, 1.2);	( -60.0, 50.0, 0.0, 1.2);
( -60.0, 40.0, 0.0, 1.2);	( -60.0, 30.0, 0.0, 1.2);
( -60.0, 25.0, 0.0, 1.2);	( -60.0, 20.0, 0.0, 1.2);
( -60.0, 17.0, 0.0, 1.2);	( -60.0, 15.0, 0.0, 1.2);
( -60.0, 13.0, 0.0, 1.2);	( -60.0, 11.0, 0.0, 1.2);
( -60.0, 9.0, 0.0, 1.2);	( -60.0, -9.0, 0.0, 1.2);
( -60.0, -11.0, 0.0, 1.2);	( -60.0, -13.0, 0.0, 1.2);
( -60.0, -15.0, 0.0, 1.2);	( -60.0, -17.0, 0.0, 1.2);
( -60.0, -20.0, 0.0, 1.2);	( -60.0, -25.0, 0.0, 1.2);
( -60.0, -30.0, 0.0, 1.2);	( -60.0, -40.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -60.0, -60.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -60.0, -80.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -60.0, -100.0, 0.0, 1.2);
( -50.0, 100.0, 0.0, 1.2);	( -50.0, 90.0, 0.0, 1.2);
( -50.0, 80.0, 0.0, 1.2);	( -50.0, 70.0, 0.0, 1.2);
( -50.0, 60.0, 0.0, 1.2);	( -50.0, 50.0, 0.0, 1.2);
( -50.0, 40.0, 0.0, 1.2);	( -50.0, 30.0, 0.0, 1.2);
( -50.0, 25.0, 0.0, 1.2);	( -50.0, 20.0, 0.0, 1.2);
( -50.0, 17.0, 0.0, 1.2);	( -50.0, 15.0, 0.0, 1.2);
( -50.0, 13.0, 0.0, 1.2);	( -50.0, 11.0, 0.0, 1.2);
( -50.0, 9.0, 0.0, 1.2);	( -50.0, -9.0, 0.0, 1.2);
( -50.0, -11.0, 0.0, 1.2);	( -50.0, -13.0, 0.0, 1.2);
( -50.0, -15.0, 0.0, 1.2);	( -50.0, -17.0, 0.0, 1.2);
( -50.0, -20.0, 0.0, 1.2);	( -50.0, -25.0, 0.0, 1.2);
( -50.0, -30.0, 0.0, 1.2);	( -50.0, -40.0, 0.0, 1.2);
( -50.0, -50.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( -50.0, -70.0, 0.0, 1.2); ( -50.0, -80.0, 0.0, 1.2);  
( -50.0, -90.0, 0.0, 1.2); ( -50.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\*  
\*\*\*

10:54:17  
\*\*MODELOPTs:  
PAGE 11  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -40.0, 100.0, 0.0, 1.2); ( -40.0, 90.0, 0.0, 1.2);  
( -40.0, 80.0, 0.0, 1.2); ( -40.0, 70.0, 0.0, 1.2);  
( -40.0, 60.0, 0.0, 1.2); ( -40.0, 50.0, 0.0, 1.2);  
( -40.0, 40.0, 0.0, 1.2); ( -40.0, 30.0, 0.0, 1.2);  
( -40.0, 25.0, 0.0, 1.2); ( -40.0, 20.0, 0.0, 1.2);  
( -40.0, 17.0, 0.0, 1.2); ( -40.0, 15.0, 0.0, 1.2);  
( -40.0, 13.0, 0.0, 1.2); ( -40.0, 11.0, 0.0, 1.2);  
( -40.0, 9.0, 0.0, 1.2); ( -40.0, -9.0, 0.0, 1.2);  
( -40.0, -11.0, 0.0, 1.2); ( -40.0, -13.0, 0.0, 1.2);  
( -40.0, -15.0, 0.0, 1.2); ( -40.0, -17.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -40.0, -25.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -40.0, -40.0, 0.0, 1.2);  
( -40.0, -50.0, 0.0, 1.2); ( -40.0, -60.0, 0.0, 1.2);  
( -40.0, -70.0, 0.0, 1.2); ( -40.0, -80.0, 0.0, 1.2);  
( -40.0, -90.0, 0.0, 1.2); ( -40.0, -100.0, 0.0, 1.2);  
( -30.0, 100.0, 0.0, 1.2); ( -30.0, 90.0, 0.0, 1.2);  
( -30.0, 80.0, 0.0, 1.2); ( -30.0, 70.0, 0.0, 1.2);  
( -30.0, 60.0, 0.0, 1.2); ( -30.0, 50.0, 0.0, 1.2);  
( -30.0, 40.0, 0.0, 1.2); ( -30.0, 30.0, 0.0, 1.2);  
( -30.0, 25.0, 0.0, 1.2); ( -30.0, 20.0, 0.0, 1.2);  
( -30.0, 17.0, 0.0, 1.2); ( -30.0, 15.0, 0.0, 1.2);  
( -30.0, 13.0, 0.0, 1.2); ( -30.0, 11.0, 0.0, 1.2);  
( -30.0, 9.0, 0.0, 1.2); ( -30.0, -9.0, 0.0, 1.2);  
( -30.0, -11.0, 0.0, 1.2); ( -30.0, -13.0, 0.0, 1.2);  
( -30.0, -15.0, 0.0, 1.2); ( -30.0, -17.0, 0.0, 1.2);  
( -30.0, -20.0, 0.0, 1.2); ( -30.0, -25.0, 0.0, 1.2);  
( -30.0, -30.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -30.0, -50.0, 0.0, 1.2); ( -30.0, -60.0, 0.0, 1.2);  
( -30.0, -70.0, 0.0, 1.2); ( -30.0, -80.0, 0.0, 1.2);  
( -30.0, -90.0, 0.0, 1.2); ( -30.0, -100.0, 0.0, 1.2);  
( -20.0, 100.0, 0.0, 1.2); ( -20.0, 90.0, 0.0, 1.2);  
( -20.0, 80.0, 0.0, 1.2); ( -20.0, 70.0, 0.0, 1.2);  
( -20.0, 60.0, 0.0, 1.2); ( -20.0, 50.0, 0.0, 1.2);  
( -20.0, 40.0, 0.0, 1.2); ( -20.0, 30.0, 0.0, 1.2);  
( -20.0, 25.0, 0.0, 1.2); ( -20.0, 20.0, 0.0, 1.2);





09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

(	0.0,	-50.0,	0.0,	1.2);	(	0.0,	-60.0,	0.0,	1.2);
(	0.0,	-70.0,	0.0,	1.2);	(	0.0,	-80.0,	0.0,	1.2);
(	0.0,	-90.0,	0.0,	1.2);	(	0.0,	-100.0,	0.0,	1.2);
(	10.0,	100.0,	0.0,	1.2);	(	10.0,	90.0,	0.0,	1.2);
(	10.0,	80.0,	0.0,	1.2);	(	10.0,	70.0,	0.0,	1.2);
(	10.0,	60.0,	0.0,	1.2);	(	10.0,	50.0,	0.0,	1.2);
(	10.0,	40.0,	0.0,	1.2);	(	10.0,	30.0,	0.0,	1.2);
(	10.0,	25.0,	0.0,	1.2);	(	10.0,	20.0,	0.0,	1.2);
(	10.0,	17.0,	0.0,	1.2);	(	10.0,	15.0,	0.0,	1.2);
(	10.0,	13.0,	0.0,	1.2);	(	10.0,	11.0,	0.0,	1.2);
(	10.0,	9.0,	0.0,	1.2);	(	10.0,	-9.0,	0.0,	1.2);
(	10.0,	-11.0,	0.0,	1.2);	(	10.0,	-13.0,	0.0,	1.2);
(	10.0,	-15.0,	0.0,	1.2);	(	10.0,	-17.0,	0.0,	1.2);
(	10.0,	-20.0,	0.0,	1.2);	(	10.0,	-25.0,	0.0,	1.2);
(	10.0,	-30.0,	0.0,	1.2);	(	10.0,	-40.0,	0.0,	1.2);
(	10.0,	-50.0,	0.0,	1.2);	(	10.0,	-60.0,	0.0,	1.2);
(	10.0,	-70.0,	0.0,	1.2);	(	10.0,	-80.0,	0.0,	1.2);
(	10.0,	-90.0,	0.0,	1.2);	(	10.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

(	20.0,	100.0,	0.0,	1.2);	(	20.0,	90.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	20.0,	70.0,	0.0,	1.2);
(	20.0,	60.0,	0.0,	1.2);	(	20.0,	50.0,	0.0,	1.2);
(	20.0,	40.0,	0.0,	1.2);	(	20.0,	30.0,	0.0,	1.2);
(	20.0,	25.0,	0.0,	1.2);	(	20.0,	20.0,	0.0,	1.2);
(	20.0,	17.0,	0.0,	1.2);	(	20.0,	15.0,	0.0,	1.2);
(	20.0,	13.0,	0.0,	1.2);	(	20.0,	11.0,	0.0,	1.2);
(	20.0,	9.0,	0.0,	1.2);	(	20.0,	-9.0,	0.0,	1.2);
(	20.0,	-11.0,	0.0,	1.2);	(	20.0,	-13.0,	0.0,	1.2);
(	20.0,	-15.0,	0.0,	1.2);	(	20.0,	-17.0,	0.0,	1.2);
(	20.0,	-20.0,	0.0,	1.2);	(	20.0,	-25.0,	0.0,	1.2);
(	20.0,	-30.0,	0.0,	1.2);	(	20.0,	-40.0,	0.0,	1.2);
(	20.0,	-50.0,	0.0,	1.2);	(	20.0,	-60.0,	0.0,	1.2);
(	20.0,	-70.0,	0.0,	1.2);	(	20.0,	-80.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	20.0,	-100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	30.0,	90.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	30.0,	70.0,	0.0,	1.2);
(	30.0,	60.0,	0.0,	1.2);	(	30.0,	50.0,	0.0,	1.2);
(	30.0,	40.0,	0.0,	1.2);	(	30.0,	30.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);
( 30.0, 17.0, 0.0, 1.2);	( 30.0, 15.0, 0.0, 1.2);
( 30.0, 13.0, 0.0, 1.2);	( 30.0, 11.0, 0.0, 1.2);
( 30.0, 9.0, 0.0, 1.2);	( 30.0, -9.0, 0.0, 1.2);
( 30.0, -11.0, 0.0, 1.2);	( 30.0, -13.0, 0.0, 1.2);
( 30.0, -15.0, 0.0, 1.2);	( 30.0, -17.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2);	( 30.0, -25.0, 0.0, 1.2);
( 30.0, -30.0, 0.0, 1.2);	( 30.0, -40.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 30.0, -60.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 30.0, -80.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 30.0, -100.0, 0.0, 1.2);
( 40.0, 100.0, 0.0, 1.2);	( 40.0, 90.0, 0.0, 1.2);
( 40.0, 80.0, 0.0, 1.2);	( 40.0, 70.0, 0.0, 1.2);
( 40.0, 60.0, 0.0, 1.2);	( 40.0, 50.0, 0.0, 1.2);
( 40.0, 40.0, 0.0, 1.2);	( 40.0, 30.0, 0.0, 1.2);
( 40.0, 25.0, 0.0, 1.2);	( 40.0, 20.0, 0.0, 1.2);
( 40.0, 17.0, 0.0, 1.2);	( 40.0, 15.0, 0.0, 1.2);
( 40.0, 13.0, 0.0, 1.2);	( 40.0, 11.0, 0.0, 1.2);
( 40.0, 9.0, 0.0, 1.2);	( 40.0, -9.0, 0.0, 1.2);
( 40.0, -11.0, 0.0, 1.2);	( 40.0, -13.0, 0.0, 1.2);
( 40.0, -15.0, 0.0, 1.2);	( 40.0, -17.0, 0.0, 1.2);
( 40.0, -20.0, 0.0, 1.2);	( 40.0, -25.0, 0.0, 1.2);
( 40.0, -30.0, 0.0, 1.2);	( 40.0, -40.0, 0.0, 1.2);
( 40.0, -50.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 40.0, -70.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 40.0, -90.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
    \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 50.0, 100.0, 0.0, 1.2);	( 50.0, 90.0, 0.0, 1.2);
( 50.0, 80.0, 0.0, 1.2);	( 50.0, 70.0, 0.0, 1.2);
( 50.0, 60.0, 0.0, 1.2);	( 50.0, 50.0, 0.0, 1.2);
( 50.0, 40.0, 0.0, 1.2);	( 50.0, 30.0, 0.0, 1.2);
( 50.0, 25.0, 0.0, 1.2);	( 50.0, 20.0, 0.0, 1.2);
( 50.0, 17.0, 0.0, 1.2);	( 50.0, 15.0, 0.0, 1.2);
( 50.0, 13.0, 0.0, 1.2);	( 50.0, 11.0, 0.0, 1.2);
( 50.0, 9.0, 0.0, 1.2);	( 50.0, -9.0, 0.0, 1.2);
( 50.0, -11.0, 0.0, 1.2);	( 50.0, -13.0, 0.0, 1.2);
( 50.0, -15.0, 0.0, 1.2);	( 50.0, -17.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2);	( 50.0, -25.0, 0.0, 1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 50.0, -60.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 50.0, -80.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 50.0, -100.0, 0.0, 1.2);
( 60.0, 100.0, 0.0, 1.2);	( 60.0, 90.0, 0.0, 1.2);
( 60.0, 80.0, 0.0, 1.2);	( 60.0, 70.0, 0.0, 1.2);
( 60.0, 60.0, 0.0, 1.2);	( 60.0, 50.0, 0.0, 1.2);
( 60.0, 40.0, 0.0, 1.2);	( 60.0, 30.0, 0.0, 1.2);
( 60.0, 25.0, 0.0, 1.2);	( 60.0, 20.0, 0.0, 1.2);
( 60.0, 17.0, 0.0, 1.2);	( 60.0, 15.0, 0.0, 1.2);
( 60.0, 13.0, 0.0, 1.2);	( 60.0, 11.0, 0.0, 1.2);
( 60.0, 9.0, 0.0, 1.2);	( 60.0, -9.0, 0.0, 1.2);
( 60.0, -11.0, 0.0, 1.2);	( 60.0, -13.0, 0.0, 1.2);
( 60.0, -15.0, 0.0, 1.2);	( 60.0, -17.0, 0.0, 1.2);
( 60.0, -20.0, 0.0, 1.2);	( 60.0, -25.0, 0.0, 1.2);
( 60.0, -30.0, 0.0, 1.2);	( 60.0, -40.0, 0.0, 1.2);
( 60.0, -50.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 60.0, -70.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 60.0, -90.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, 100.0, 0.0, 1.2);	( 70.0, 90.0, 0.0, 1.2);
( 70.0, 80.0, 0.0, 1.2);	( 70.0, 70.0, 0.0, 1.2);
( 70.0, 60.0, 0.0, 1.2);	( 70.0, 50.0, 0.0, 1.2);
( 70.0, 40.0, 0.0, 1.2);	( 70.0, 30.0, 0.0, 1.2);
( 70.0, 25.0, 0.0, 1.2);	( 70.0, 20.0, 0.0, 1.2);
( 70.0, 17.0, 0.0, 1.2);	( 70.0, 15.0, 0.0, 1.2);
( 70.0, 13.0, 0.0, 1.2);	( 70.0, 11.0, 0.0, 1.2);
( 70.0, 9.0, 0.0, 1.2);	( 70.0, -9.0, 0.0, 1.2);
( 70.0, -11.0, 0.0, 1.2);	( 70.0, -13.0, 0.0, 1.2);
( 70.0, -15.0, 0.0, 1.2);	( 70.0, -17.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2);	( 70.0, -25.0, 0.0, 1.2);
( 70.0, -30.0, 0.0, 1.2);	( 70.0, -40.0, 0.0, 1.2);
( 70.0, -50.0, 0.0, 1.2);	( 70.0, -60.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 70.0, -80.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 70.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 80.0, 100.0, 0.0, 1.2);	( 80.0, 90.0, 0.0, 1.2);
( 80.0, 80.0, 0.0, 1.2);	( 80.0, 70.0, 0.0, 1.2);
( 80.0, 60.0, 0.0, 1.2);	( 80.0, 50.0, 0.0, 1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( 80.0,	40.0,	0.0,	1.2);	( 80.0,	30.0,	0.0,	1.2);
( 80.0,	25.0,	0.0,	1.2);	( 80.0,	20.0,	0.0,	1.2);
( 80.0,	17.0,	0.0,	1.2);	( 80.0,	15.0,	0.0,	1.2);
( 80.0,	13.0,	0.0,	1.2);	( 80.0,	11.0,	0.0,	1.2);
( 80.0,	9.0,	0.0,	1.2);	( 80.0,	-9.0,	0.0,	1.2);
( 80.0,	-11.0,	0.0,	1.2);	( 80.0,	-13.0,	0.0,	1.2);
( 80.0,	-15.0,	0.0,	1.2);	( 80.0,	-17.0,	0.0,	1.2);
( 80.0,	-20.0,	0.0,	1.2);	( 80.0,	-25.0,	0.0,	1.2);
( 80.0,	-30.0,	0.0,	1.2);	( 80.0,	-40.0,	0.0,	1.2);
( 80.0,	-50.0,	0.0,	1.2);	( 80.0,	-60.0,	0.0,	1.2);
( 80.0,	-70.0,	0.0,	1.2);	( 80.0,	-80.0,	0.0,	1.2);
( 80.0,	-90.0,	0.0,	1.2);	( 80.0,	-100.0,	0.0,	1.2);
( 90.0,	100.0,	0.0,	1.2);	( 90.0,	90.0,	0.0,	1.2);
( 90.0,	80.0,	0.0,	1.2);	( 90.0,	70.0,	0.0,	1.2);
( 90.0,	60.0,	0.0,	1.2);	( 90.0,	50.0,	0.0,	1.2);
( 90.0,	40.0,	0.0,	1.2);	( 90.0,	30.0,	0.0,	1.2);
( 90.0,	25.0,	0.0,	1.2);	( 90.0,	20.0,	0.0,	1.2);
( 90.0,	17.0,	0.0,	1.2);	( 90.0,	15.0,	0.0,	1.2);
( 90.0,	13.0,	0.0,	1.2);	( 90.0,	11.0,	0.0,	1.2);
( 90.0,	9.0,	0.0,	1.2);	( 90.0,	-9.0,	0.0,	1.2);
( 90.0,	-11.0,	0.0,	1.2);	( 90.0,	-13.0,	0.0,	1.2);
( 90.0,	-15.0,	0.0,	1.2);	( 90.0,	-17.0,	0.0,	1.2);
( 90.0,	-20.0,	0.0,	1.2);	( 90.0,	-25.0,	0.0,	1.2);
( 90.0,	-30.0,	0.0,	1.2);	( 90.0,	-40.0,	0.0,	1.2);
( 90.0,	-50.0,	0.0,	1.2);	( 90.0,	-60.0,	0.0,	1.2);
( 90.0,	-70.0,	0.0,	1.2);	( 90.0,	-80.0,	0.0,	1.2);
( 90.0,	-90.0,	0.0,	1.2);	( 90.0,	-100.0,	0.0,	1.2);
( 100.0,	100.0,	0.0,	1.2);	( 100.0,	90.0,	0.0,	1.2);
( 100.0,	80.0,	0.0,	1.2);	( 100.0,	70.0,	0.0,	1.2);
( 100.0,	60.0,	0.0,	1.2);	( 100.0,	50.0,	0.0,	1.2);
( 100.0,	40.0,	0.0,	1.2);	( 100.0,	30.0,	0.0,	1.2);
( 100.0,	25.0,	0.0,	1.2);	( 100.0,	20.0,	0.0,	1.2);
( 100.0,	17.0,	0.0,	1.2);	( 100.0,	15.0,	0.0,	1.2);
( 100.0,	13.0,	0.0,	1.2);	( 100.0,	11.0,	0.0,	1.2);
( 100.0,	9.0,	0.0,	1.2);	( 100.0,	-9.0,	0.0,	1.2);
( 100.0,	-11.0,	0.0,	1.2);	( 100.0,	-13.0,	0.0,	1.2);
( 100.0,	-15.0,	0.0,	1.2);	( 100.0,	-17.0,	0.0,	1.2);
( 100.0,	-20.0,	0.0,	1.2);	( 100.0,	-25.0,	0.0,	1.2);
( 100.0,	-30.0,	0.0,	1.2);	( 100.0,	-40.0,	0.0,	1.2);
( 100.0,	-50.0,	0.0,	1.2);	( 100.0,	-60.0,	0.0,	1.2);
( 100.0,	-70.0,	0.0,	1.2);	( 100.0,	-80.0,	0.0,	1.2);
( 100.0,	-90.0,	0.0,	1.2);	( 100.0,	-100.0,	0.0,	1.2);

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 110.0, 100.0, 0.0, 1.2);	( 110.0, 90.0, 0.0, 1.2);
( 110.0, 80.0, 0.0, 1.2);	( 110.0, 70.0, 0.0, 1.2);
( 110.0, 60.0, 0.0, 1.2);	( 110.0, 50.0, 0.0, 1.2);
( 110.0, 40.0, 0.0, 1.2);	( 110.0, 30.0, 0.0, 1.2);
( 110.0, 25.0, 0.0, 1.2);	( 110.0, 20.0, 0.0, 1.2);
( 110.0, 17.0, 0.0, 1.2);	( 110.0, 15.0, 0.0, 1.2);
( 110.0, 13.0, 0.0, 1.2);	( 110.0, 11.0, 0.0, 1.2);
( 110.0, 9.0, 0.0, 1.2);	( 110.0, -9.0, 0.0, 1.2);
( 110.0, -11.0, 0.0, 1.2);	( 110.0, -13.0, 0.0, 1.2);
( 110.0, -15.0, 0.0, 1.2);	( 110.0, -17.0, 0.0, 1.2);
( 110.0, -20.0, 0.0, 1.2);	( 110.0, -25.0, 0.0, 1.2);
( 110.0, -30.0, 0.0, 1.2);	( 110.0, -40.0, 0.0, 1.2);
( 110.0, -50.0, 0.0, 1.2);	( 110.0, -60.0, 0.0, 1.2);
( 110.0, -70.0, 0.0, 1.2);	( 110.0, -80.0, 0.0, 1.2);
( 110.0, -90.0, 0.0, 1.2);	( 110.0, -100.0, 0.0, 1.2);
( 120.0, 100.0, 0.0, 1.2);	( 120.0, 90.0, 0.0, 1.2);
( 120.0, 80.0, 0.0, 1.2);	( 120.0, 70.0, 0.0, 1.2);
( 120.0, 60.0, 0.0, 1.2);	( 120.0, 50.0, 0.0, 1.2);
( 120.0, 40.0, 0.0, 1.2);	( 120.0, 30.0, 0.0, 1.2);
( 120.0, 25.0, 0.0, 1.2);	( 120.0, 20.0, 0.0, 1.2);
( 120.0, 17.0, 0.0, 1.2);	( 120.0, 15.0, 0.0, 1.2);
( 120.0, 13.0, 0.0, 1.2);	( 120.0, 11.0, 0.0, 1.2);
( 120.0, 9.0, 0.0, 1.2);	( 120.0, -9.0, 0.0, 1.2);
( 120.0, -11.0, 0.0, 1.2);	( 120.0, -13.0, 0.0, 1.2);
( 120.0, -15.0, 0.0, 1.2);	( 120.0, -17.0, 0.0, 1.2);
( 120.0, -20.0, 0.0, 1.2);	( 120.0, -25.0, 0.0, 1.2);
( 120.0, -30.0, 0.0, 1.2);	( 120.0, -40.0, 0.0, 1.2);
( 120.0, -50.0, 0.0, 1.2);	( 120.0, -60.0, 0.0, 1.2);
( 120.0, -70.0, 0.0, 1.2);	( 120.0, -80.0, 0.0, 1.2);
( 120.0, -90.0, 0.0, 1.2);	( 120.0, -100.0, 0.0, 1.2);
( 130.0, 100.0, 0.0, 1.2);	( 130.0, 90.0, 0.0, 1.2);
( 130.0, 80.0, 0.0, 1.2);	( 130.0, 70.0, 0.0, 1.2);
( 130.0, 60.0, 0.0, 1.2);	( 130.0, 50.0, 0.0, 1.2);
( 130.0, 40.0, 0.0, 1.2);	( 130.0, 30.0, 0.0, 1.2);
( 130.0, 25.0, 0.0, 1.2);	( 130.0, 20.0, 0.0, 1.2);
( 130.0, 17.0, 0.0, 1.2);	( 130.0, 15.0, 0.0, 1.2);
( 130.0, 13.0, 0.0, 1.2);	( 130.0, 11.0, 0.0, 1.2);
( 130.0, 9.0, 0.0, 1.2);	( 130.0, -9.0, 0.0, 1.2);
( 130.0, -11.0, 0.0, 1.2);	( 130.0, -13.0, 0.0, 1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( 130.0,	-15.0,	0.0,	1.2);	( 130.0,	-17.0,	0.0,	1.2);
( 130.0,	-20.0,	0.0,	1.2);	( 130.0,	-25.0,	0.0,	1.2);
( 130.0,	-30.0,	0.0,	1.2);	( 130.0,	-40.0,	0.0,	1.2);
( 130.0,	-50.0,	0.0,	1.2);	( 130.0,	-60.0,	0.0,	1.2);
( 130.0,	-70.0,	0.0,	1.2);	( 130.0,	-80.0,	0.0,	1.2);
( 130.0,	-90.0,	0.0,	1.2);	( 130.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 140.0,	100.0,	0.0,	1.2);	( 140.0,	90.0,	0.0,	1.2);
( 140.0,	80.0,	0.0,	1.2);	( 140.0,	70.0,	0.0,	1.2);
( 140.0,	60.0,	0.0,	1.2);	( 140.0,	50.0,	0.0,	1.2);
( 140.0,	40.0,	0.0,	1.2);	( 140.0,	30.0,	0.0,	1.2);
( 140.0,	25.0,	0.0,	1.2);	( 140.0,	20.0,	0.0,	1.2);
( 140.0,	17.0,	0.0,	1.2);	( 140.0,	15.0,	0.0,	1.2);
( 140.0,	13.0,	0.0,	1.2);	( 140.0,	11.0,	0.0,	1.2);
( 140.0,	9.0,	0.0,	1.2);	( 140.0,	-9.0,	0.0,	1.2);
( 140.0,	-11.0,	0.0,	1.2);	( 140.0,	-13.0,	0.0,	1.2);
( 140.0,	-15.0,	0.0,	1.2);	( 140.0,	-17.0,	0.0,	1.2);
( 140.0,	-20.0,	0.0,	1.2);	( 140.0,	-25.0,	0.0,	1.2);
( 140.0,	-30.0,	0.0,	1.2);	( 140.0,	-40.0,	0.0,	1.2);
( 140.0,	-50.0,	0.0,	1.2);	( 140.0,	-60.0,	0.0,	1.2);
( 140.0,	-70.0,	0.0,	1.2);	( 140.0,	-80.0,	0.0,	1.2);
( 140.0,	-90.0,	0.0,	1.2);	( 140.0,	-100.0,	0.0,	1.2);
( 150.0,	100.0,	0.0,	1.2);	( 150.0,	90.0,	0.0,	1.2);
( 150.0,	80.0,	0.0,	1.2);	( 150.0,	70.0,	0.0,	1.2);
( 150.0,	60.0,	0.0,	1.2);	( 150.0,	50.0,	0.0,	1.2);
( 150.0,	40.0,	0.0,	1.2);	( 150.0,	30.0,	0.0,	1.2);
( 150.0,	25.0,	0.0,	1.2);	( 150.0,	20.0,	0.0,	1.2);
( 150.0,	17.0,	0.0,	1.2);	( 150.0,	15.0,	0.0,	1.2);
( 150.0,	13.0,	0.0,	1.2);	( 150.0,	11.0,	0.0,	1.2);
( 150.0,	9.0,	0.0,	1.2);	( 150.0,	-9.0,	0.0,	1.2);
( 150.0,	-11.0,	0.0,	1.2);	( 150.0,	-13.0,	0.0,	1.2);
( 150.0,	-15.0,	0.0,	1.2);	( 150.0,	-17.0,	0.0,	1.2);
( 150.0,	-20.0,	0.0,	1.2);	( 150.0,	-25.0,	0.0,	1.2);
( 150.0,	-30.0,	0.0,	1.2);	( 150.0,	-40.0,	0.0,	1.2);
( 150.0,	-50.0,	0.0,	1.2);	( 150.0,	-60.0,	0.0,	1.2);
( 150.0,	-70.0,	0.0,	1.2);	( 150.0,	-80.0,	0.0,	1.2);
( 150.0,	-90.0,	0.0,	1.2);	( 150.0,	-100.0,	0.0,	1.2);
( 160.0,	100.0,	0.0,	1.2);	( 160.0,	90.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( 160.0,	80.0,	0.0,	1.2);	( 160.0,	70.0,	0.0,	1.2);
( 160.0,	60.0,	0.0,	1.2);	( 160.0,	50.0,	0.0,	1.2);
( 160.0,	40.0,	0.0,	1.2);	( 160.0,	30.0,	0.0,	1.2);
( 160.0,	25.0,	0.0,	1.2);	( 160.0,	20.0,	0.0,	1.2);
( 160.0,	17.0,	0.0,	1.2);	( 160.0,	15.0,	0.0,	1.2);
( 160.0,	13.0,	0.0,	1.2);	( 160.0,	11.0,	0.0,	1.2);
( 160.0,	9.0,	0.0,	1.2);	( 160.0,	-9.0,	0.0,	1.2);
( 160.0,	-11.0,	0.0,	1.2);	( 160.0,	-13.0,	0.0,	1.2);
( 160.0,	-15.0,	0.0,	1.2);	( 160.0,	-17.0,	0.0,	1.2);
( 160.0,	-20.0,	0.0,	1.2);	( 160.0,	-25.0,	0.0,	1.2);
( 160.0,	-30.0,	0.0,	1.2);	( 160.0,	-40.0,	0.0,	1.2);
( 160.0,	-50.0,	0.0,	1.2);	( 160.0,	-60.0,	0.0,	1.2);
( 160.0,	-70.0,	0.0,	1.2);	( 160.0,	-80.0,	0.0,	1.2);
( 160.0,	-90.0,	0.0,	1.2);	( 160.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 170.0,	100.0,	0.0,	1.2);	( 170.0,	90.0,	0.0,	1.2);
( 170.0,	80.0,	0.0,	1.2);	( 170.0,	70.0,	0.0,	1.2);
( 170.0,	60.0,	0.0,	1.2);	( 170.0,	50.0,	0.0,	1.2);
( 170.0,	40.0,	0.0,	1.2);	( 170.0,	30.0,	0.0,	1.2);
( 170.0,	25.0,	0.0,	1.2);	( 170.0,	20.0,	0.0,	1.2);
( 170.0,	17.0,	0.0,	1.2);	( 170.0,	15.0,	0.0,	1.2);
( 170.0,	13.0,	0.0,	1.2);	( 170.0,	11.0,	0.0,	1.2);
( 170.0,	9.0,	0.0,	1.2);	( 170.0,	-9.0,	0.0,	1.2);
( 170.0,	-11.0,	0.0,	1.2);	( 170.0,	-13.0,	0.0,	1.2);
( 170.0,	-15.0,	0.0,	1.2);	( 170.0,	-17.0,	0.0,	1.2);
( 170.0,	-20.0,	0.0,	1.2);	( 170.0,	-25.0,	0.0,	1.2);
( 170.0,	-30.0,	0.0,	1.2);	( 170.0,	-40.0,	0.0,	1.2);
( 170.0,	-50.0,	0.0,	1.2);	( 170.0,	-60.0,	0.0,	1.2);
( 170.0,	-70.0,	0.0,	1.2);	( 170.0,	-80.0,	0.0,	1.2);
( 170.0,	-90.0,	0.0,	1.2);	( 170.0,	-100.0,	0.0,	1.2);
( 180.0,	100.0,	0.0,	1.2);	( 180.0,	90.0,	0.0,	1.2);
( 180.0,	80.0,	0.0,	1.2);	( 180.0,	70.0,	0.0,	1.2);
( 180.0,	60.0,	0.0,	1.2);	( 180.0,	50.0,	0.0,	1.2);
( 180.0,	40.0,	0.0,	1.2);	( 180.0,	30.0,	0.0,	1.2);
( 180.0,	25.0,	0.0,	1.2);	( 180.0,	20.0,	0.0,	1.2);
( 180.0,	17.0,	0.0,	1.2);	( 180.0,	15.0,	0.0,	1.2);
( 180.0,	13.0,	0.0,	1.2);	( 180.0,	11.0,	0.0,	1.2);
( 180.0,	9.0,	0.0,	1.2);	( 180.0,	-9.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN E-W Bound

( 180.0,	-11.0,	0.0,	1.2);	( 180.0,	-13.0,	0.0,	1.2);
( 180.0,	-15.0,	0.0,	1.2);	( 180.0,	-17.0,	0.0,	1.2);
( 180.0,	-20.0,	0.0,	1.2);	( 180.0,	-25.0,	0.0,	1.2);
( 180.0,	-30.0,	0.0,	1.2);	( 180.0,	-40.0,	0.0,	1.2);
( 180.0,	-50.0,	0.0,	1.2);	( 180.0,	-60.0,	0.0,	1.2);
( 180.0,	-70.0,	0.0,	1.2);	( 180.0,	-80.0,	0.0,	1.2);
( 180.0,	-90.0,	0.0,	1.2);	( 180.0,	-100.0,	0.0,	1.2);
( 190.0,	100.0,	0.0,	1.2);	( 190.0,	90.0,	0.0,	1.2);
( 190.0,	80.0,	0.0,	1.2);	( 190.0,	70.0,	0.0,	1.2);
( 190.0,	60.0,	0.0,	1.2);	( 190.0,	50.0,	0.0,	1.2);
( 190.0,	40.0,	0.0,	1.2);	( 190.0,	30.0,	0.0,	1.2);
( 190.0,	25.0,	0.0,	1.2);	( 190.0,	20.0,	0.0,	1.2);
( 190.0,	17.0,	0.0,	1.2);	( 190.0,	15.0,	0.0,	1.2);
( 190.0,	13.0,	0.0,	1.2);	( 190.0,	11.0,	0.0,	1.2);
( 190.0,	9.0,	0.0,	1.2);	( 190.0,	-9.0,	0.0,	1.2);
( 190.0,	-11.0,	0.0,	1.2);	( 190.0,	-13.0,	0.0,	1.2);
( 190.0,	-15.0,	0.0,	1.2);	( 190.0,	-17.0,	0.0,	1.2);
( 190.0,	-20.0,	0.0,	1.2);	( 190.0,	-25.0,	0.0,	1.2);
( 190.0,	-30.0,	0.0,	1.2);	( 190.0,	-40.0,	0.0,	1.2);
( 190.0,	-50.0,	0.0,	1.2);	( 190.0,	-60.0,	0.0,	1.2);
( 190.0,	-70.0,	0.0,	1.2);	( 190.0,	-80.0,	0.0,	1.2);
( 190.0,	-90.0,	0.0,	1.2);	( 190.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTS:  
 PAGE 19

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 200.0,	100.0,	0.0,	1.2);	( 200.0,	90.0,	0.0,	1.2);
( 200.0,	80.0,	0.0,	1.2);	( 200.0,	70.0,	0.0,	1.2);
( 200.0,	60.0,	0.0,	1.2);	( 200.0,	50.0,	0.0,	1.2);
( 200.0,	40.0,	0.0,	1.2);	( 200.0,	30.0,	0.0,	1.2);
( 200.0,	25.0,	0.0,	1.2);	( 200.0,	20.0,	0.0,	1.2);
( 200.0,	17.0,	0.0,	1.2);	( 200.0,	15.0,	0.0,	1.2);
( 200.0,	13.0,	0.0,	1.2);	( 200.0,	11.0,	0.0,	1.2);
( 200.0,	9.0,	0.0,	1.2);	( 200.0,	-9.0,	0.0,	1.2);
( 200.0,	-11.0,	0.0,	1.2);	( 200.0,	-13.0,	0.0,	1.2);
( 200.0,	-15.0,	0.0,	1.2);	( 200.0,	-17.0,	0.0,	1.2);
( 200.0,	-20.0,	0.0,	1.2);	( 200.0,	-25.0,	0.0,	1.2);
( 200.0,	-30.0,	0.0,	1.2);	( 200.0,	-40.0,	0.0,	1.2);
( 200.0,	-50.0,	0.0,	1.2);	( 200.0,	-60.0,	0.0,	1.2);
( 200.0,	-70.0,	0.0,	1.2);	( 200.0,	-80.0,	0.0,	1.2);
( 200.0,	-90.0,	0.0,	1.2);	( 200.0,	-100.0,	0.0,	1.2);



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( 210.0,	100.0,	0.0,	1.2);	( 210.0,	90.0,	0.0,	1.2);
( 210.0,	80.0,	0.0,	1.2);	( 210.0,	70.0,	0.0,	1.2);
( 210.0,	60.0,	0.0,	1.2);	( 210.0,	50.0,	0.0,	1.2);
( 210.0,	40.0,	0.0,	1.2);	( 210.0,	30.0,	0.0,	1.2);
( 210.0,	25.0,	0.0,	1.2);	( 210.0,	20.0,	0.0,	1.2);
( 210.0,	17.0,	0.0,	1.2);	( 210.0,	15.0,	0.0,	1.2);
( 210.0,	13.0,	0.0,	1.2);	( 210.0,	11.0,	0.0,	1.2);
( 210.0,	9.0,	0.0,	1.2);	( 210.0,	-9.0,	0.0,	1.2);
( 210.0,	-11.0,	0.0,	1.2);	( 210.0,	-13.0,	0.0,	1.2);
( 210.0,	-15.0,	0.0,	1.2);	( 210.0,	-17.0,	0.0,	1.2);
( 210.0,	-20.0,	0.0,	1.2);	( 210.0,	-25.0,	0.0,	1.2);
( 210.0,	-30.0,	0.0,	1.2);	( 210.0,	-40.0,	0.0,	1.2);
( 210.0,	-50.0,	0.0,	1.2);	( 210.0,	-60.0,	0.0,	1.2);
( 210.0,	-70.0,	0.0,	1.2);	( 210.0,	-80.0,	0.0,	1.2);
( 210.0,	-90.0,	0.0,	1.2);	( 210.0,	-100.0,	0.0,	1.2);
( 220.0,	100.0,	0.0,	1.2);	( 220.0,	90.0,	0.0,	1.2);
( 220.0,	80.0,	0.0,	1.2);	( 220.0,	70.0,	0.0,	1.2);
( 220.0,	60.0,	0.0,	1.2);	( 220.0,	50.0,	0.0,	1.2);
( 220.0,	40.0,	0.0,	1.2);	( 220.0,	30.0,	0.0,	1.2);
( 220.0,	25.0,	0.0,	1.2);	( 220.0,	20.0,	0.0,	1.2);
( 220.0,	17.0,	0.0,	1.2);	( 220.0,	15.0,	0.0,	1.2);
( 220.0,	13.0,	0.0,	1.2);	( 220.0,	11.0,	0.0,	1.2);
( 220.0,	9.0,	0.0,	1.2);	( 220.0,	-9.0,	0.0,	1.2);
( 220.0,	-11.0,	0.0,	1.2);	( 220.0,	-13.0,	0.0,	1.2);
( 220.0,	-15.0,	0.0,	1.2);	( 220.0,	-17.0,	0.0,	1.2);
( 220.0,	-20.0,	0.0,	1.2);	( 220.0,	-25.0,	0.0,	1.2);
( 220.0,	-30.0,	0.0,	1.2);	( 220.0,	-40.0,	0.0,	1.2);
( 220.0,	-50.0,	0.0,	1.2);	( 220.0,	-60.0,	0.0,	1.2);
( 220.0,	-70.0,	0.0,	1.2);	( 220.0,	-80.0,	0.0,	1.2);
( 220.0,	-90.0,	0.0,	1.2);	( 220.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
\*\*MODELOPTs:  
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 230.0,	100.0,	0.0,	1.2);	( 230.0,	90.0,	0.0,	1.2);
( 230.0,	80.0,	0.0,	1.2);	( 230.0,	70.0,	0.0,	1.2);
( 230.0,	60.0,	0.0,	1.2);	( 230.0,	50.0,	0.0,	1.2);
( 230.0,	40.0,	0.0,	1.2);	( 230.0,	30.0,	0.0,	1.2);
( 230.0,	25.0,	0.0,	1.2);	( 230.0,	20.0,	0.0,	1.2);
( 230.0,	17.0,	0.0,	1.2);	( 230.0,	15.0,	0.0,	1.2);
( 230.0,	13.0,	0.0,	1.2);	( 230.0,	11.0,	0.0,	1.2);

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

( 230.0,	9.0,	0.0,	1.2);	( 230.0,	-9.0,	0.0,	1.2);
( 230.0,	-11.0,	0.0,	1.2);	( 230.0,	-13.0,	0.0,	1.2);
( 230.0,	-15.0,	0.0,	1.2);	( 230.0,	-17.0,	0.0,	1.2);
( 230.0,	-20.0,	0.0,	1.2);	( 230.0,	-25.0,	0.0,	1.2);
( 230.0,	-30.0,	0.0,	1.2);	( 230.0,	-40.0,	0.0,	1.2);
( 230.0,	-50.0,	0.0,	1.2);	( 230.0,	-60.0,	0.0,	1.2);
( 230.0,	-70.0,	0.0,	1.2);	( 230.0,	-80.0,	0.0,	1.2);
( 230.0,	-90.0,	0.0,	1.2);	( 230.0,	-100.0,	0.0,	1.2);
( 240.0,	100.0,	0.0,	1.2);	( 240.0,	90.0,	0.0,	1.2);
( 240.0,	80.0,	0.0,	1.2);	( 240.0,	70.0,	0.0,	1.2);
( 240.0,	60.0,	0.0,	1.2);	( 240.0,	50.0,	0.0,	1.2);
( 240.0,	40.0,	0.0,	1.2);	( 240.0,	30.0,	0.0,	1.2);
( 240.0,	25.0,	0.0,	1.2);	( 240.0,	20.0,	0.0,	1.2);
( 240.0,	17.0,	0.0,	1.2);	( 240.0,	15.0,	0.0,	1.2);
( 240.0,	13.0,	0.0,	1.2);	( 240.0,	11.0,	0.0,	1.2);
( 240.0,	9.0,	0.0,	1.2);	( 240.0,	-9.0,	0.0,	1.2);
( 240.0,	-11.0,	0.0,	1.2);	( 240.0,	-13.0,	0.0,	1.2);
( 240.0,	-15.0,	0.0,	1.2);	( 240.0,	-17.0,	0.0,	1.2);
( 240.0,	-20.0,	0.0,	1.2);	( 240.0,	-25.0,	0.0,	1.2);
( 240.0,	-30.0,	0.0,	1.2);	( 240.0,	-40.0,	0.0,	1.2);
( 240.0,	-50.0,	0.0,	1.2);	( 240.0,	-60.0,	0.0,	1.2);
( 240.0,	-70.0,	0.0,	1.2);	( 240.0,	-80.0,	0.0,	1.2);
( 240.0,	-90.0,	0.0,	1.2);	( 240.0,	-100.0,	0.0,	1.2);
( 250.0,	100.0,	0.0,	1.2);	( 250.0,	90.0,	0.0,	1.2);
( 250.0,	80.0,	0.0,	1.2);	( 250.0,	70.0,	0.0,	1.2);
( 250.0,	60.0,	0.0,	1.2);	( 250.0,	50.0,	0.0,	1.2);
( 250.0,	40.0,	0.0,	1.2);	( 250.0,	30.0,	0.0,	1.2);
( 250.0,	25.0,	0.0,	1.2);	( 250.0,	20.0,	0.0,	1.2);
( 250.0,	17.0,	0.0,	1.2);	( 250.0,	15.0,	0.0,	1.2);
( 250.0,	13.0,	0.0,	1.2);	( 250.0,	11.0,	0.0,	1.2);
( 250.0,	9.0,	0.0,	1.2);	( 250.0,	-9.0,	0.0,	1.2);
( 250.0,	-11.0,	0.0,	1.2);	( 250.0,	-13.0,	0.0,	1.2);
( 250.0,	-15.0,	0.0,	1.2);	( 250.0,	-17.0,	0.0,	1.2);
( 250.0,	-20.0,	0.0,	1.2);	( 250.0,	-25.0,	0.0,	1.2);
( 250.0,	-30.0,	0.0,	1.2);	( 250.0,	-40.0,	0.0,	1.2);
( 250.0,	-50.0,	0.0,	1.2);	( 250.0,	-60.0,	0.0,	1.2);
( 250.0,	-70.0,	0.0,	1.2);	( 250.0,	-80.0,	0.0,	1.2);
( 250.0,	-90.0,	0.0,	1.2);	( 250.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00005	-250.00	90.00	0.00005
-250.00	80.00	0.00005	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00004
-250.00	40.00	0.00004	-250.00	30.00	0.00004
-250.00	25.00	0.00004	-250.00	20.00	0.00004
-250.00	17.00	0.00004	-250.00	15.00	0.00004
-250.00	13.00	0.00004	-250.00	11.00	0.00004
-250.00	9.00	0.00004	-250.00	-9.00	0.00004
-250.00	-11.00	0.00004	-250.00	-13.00	0.00004
-250.00	-15.00	0.00004	-250.00	-17.00	0.00004
-250.00	-20.00	0.00004	-250.00	-25.00	0.00004
-250.00	-30.00	0.00004	-250.00	-40.00	0.00003
-250.00	-50.00	0.00003	-250.00	-60.00	0.00003
-250.00	-70.00	0.00003	-250.00	-80.00	0.00003
-250.00	-90.00	0.00003	-250.00	-100.00	0.00003
-240.00	100.00	0.00005	-240.00	90.00	0.00005
-240.00	80.00	0.00005	-240.00	70.00	0.00005



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00004
-220.00	-11.00	0.00004	-220.00	-13.00	0.00004
-220.00	-15.00	0.00004	-220.00	-17.00	0.00004
-220.00	-20.00	0.00004	-220.00	-25.00	0.00004
-220.00	-30.00	0.00004	-220.00	-40.00	0.00004
-220.00	-50.00	0.00004	-220.00	-60.00	0.00004
-220.00	-70.00	0.00004	-220.00	-80.00	0.00003
-220.00	-90.00	0.00003	-220.00	-100.00	0.00003
-210.00	100.00	0.00006	-210.00	90.00	0.00006
-210.00	80.00	0.00006	-210.00	70.00	0.00006
-210.00	60.00	0.00005	-210.00	50.00	0.00005
-210.00	40.00	0.00005	-210.00	30.00	0.00005
-210.00	25.00	0.00005	-210.00	20.00	0.00005
-210.00	17.00	0.00005	-210.00	15.00	0.00005
-210.00	13.00	0.00005	-210.00	11.00	0.00005
-210.00	9.00	0.00005	-210.00	-9.00	0.00005
-210.00	-11.00	0.00004	-210.00	-13.00	0.00004
-210.00	-15.00	0.00004	-210.00	-17.00	0.00004
-210.00	-20.00	0.00004	-210.00	-25.00	0.00004
-210.00	-30.00	0.00004	-210.00	-40.00	0.00004
-210.00	-50.00	0.00004	-210.00	-60.00	0.00004
-210.00	-70.00	0.00004	-210.00	-80.00	0.00004
-210.00	-90.00	0.00004	-210.00	-100.00	0.00004
-200.00	100.00	0.00006	-200.00	90.00	0.00006
-200.00	80.00	0.00006	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00005	-200.00	30.00	0.00005
-200.00	25.00	0.00005	-200.00	20.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00005	-200.00	15.00	0.00005
-200.00	13.00	0.00005	-200.00	11.00	0.00005
-200.00	9.00	0.00005	-200.00	-9.00	0.00005
-200.00	-11.00	0.00005	-200.00	-13.00	0.00005
-200.00	-15.00	0.00005	-200.00	-17.00	0.00005

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00005	-200.00	-25.00	0.00004
-200.00	-30.00	0.00004	-200.00	-40.00	0.00004
-200.00	-50.00	0.00004	-200.00	-60.00	0.00004
-200.00	-70.00	0.00004	-200.00	-80.00	0.00004
-200.00	-90.00	0.00004	-200.00	-100.00	0.00004
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00006
-190.00	25.00	0.00006	-190.00	20.00	0.00005
-190.00	17.00	0.00005	-190.00	15.00	0.00005
-190.00	13.00	0.00005	-190.00	11.00	0.00005
-190.00	9.00	0.00005	-190.00	-9.00	0.00005
-190.00	-11.00	0.00005	-190.00	-13.00	0.00005
-190.00	-15.00	0.00005	-190.00	-17.00	0.00005
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005
-190.00	-30.00	0.00005	-190.00	-40.00	0.00004
-190.00	-50.00	0.00004	-190.00	-60.00	0.00004
-190.00	-70.00	0.00004	-190.00	-80.00	0.00004
-190.00	-90.00	0.00004	-190.00	-100.00	0.00004
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00007	-180.00	70.00	0.00007
-180.00	60.00	0.00006	-180.00	50.00	0.00006
-180.00	40.00	0.00006	-180.00	30.00	0.00006
-180.00	25.00	0.00006	-180.00	20.00	0.00006
-180.00	17.00	0.00006	-180.00	15.00	0.00006
-180.00	13.00	0.00006	-180.00	11.00	0.00006
-180.00	9.00	0.00006	-180.00	-9.00	0.00005
-180.00	-11.00	0.00005	-180.00	-13.00	0.00005
-180.00	-15.00	0.00005	-180.00	-17.00	0.00005
-180.00	-20.00	0.00005	-180.00	-25.00	0.00005
-180.00	-30.00	0.00005	-180.00	-40.00	0.00005
-180.00	-50.00	0.00004	-180.00	-60.00	0.00004
-180.00	-70.00	0.00004	-180.00	-80.00	0.00004
-180.00	-90.00	0.00004	-180.00	-100.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:54:17  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00007
-170.00	80.00	0.00007	-170.00	70.00	0.00007
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00006	-170.00	30.00	0.00006
-170.00	25.00	0.00006	-170.00	20.00	0.00006
-170.00	17.00	0.00006	-170.00	15.00	0.00006
-170.00	13.00	0.00006	-170.00	11.00	0.00006
-170.00	9.00	0.00006	-170.00	-9.00	0.00006
-170.00	-11.00	0.00005	-170.00	-13.00	0.00005
-170.00	-15.00	0.00005	-170.00	-17.00	0.00005
-170.00	-20.00	0.00005	-170.00	-25.00	0.00005
-170.00	-30.00	0.00005	-170.00	-40.00	0.00005
-170.00	-50.00	0.00005	-170.00	-60.00	0.00005
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00004	-170.00	-100.00	0.00004
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00007
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00007
-160.00	25.00	0.00007	-160.00	20.00	0.00006
-160.00	17.00	0.00006	-160.00	15.00	0.00006
-160.00	13.00	0.00006	-160.00	11.00	0.00006
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00006	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00005
-160.00	-30.00	0.00005	-160.00	-40.00	0.00005
-160.00	-50.00	0.00005	-160.00	-60.00	0.00005
-160.00	-70.00	0.00005	-160.00	-80.00	0.00005
-160.00	-90.00	0.00005	-160.00	-100.00	0.00005
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00008	-150.00	70.00	0.00008
-150.00	60.00	0.00008	-150.00	50.00	0.00007
-150.00	40.00	0.00007	-150.00	30.00	0.00007
-150.00	25.00	0.00007	-150.00	20.00	0.00007
-150.00	17.00	0.00007	-150.00	15.00	0.00007
-150.00	13.00	0.00007	-150.00	11.00	0.00007
-150.00	9.00	0.00007	-150.00	-9.00	0.00006
-150.00	-11.00	0.00006	-150.00	-13.00	0.00006
-150.00	-15.00	0.00006	-150.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00006	-150.00	-25.00	0.00006
-150.00	-30.00	0.00006	-150.00	-40.00	0.00005
-150.00	-50.00	0.00005	-150.00	-60.00	0.00005
-150.00	-70.00	0.00005	-150.00	-80.00	0.00005
-150.00	-90.00	0.00005	-150.00	-100.00	0.00005
-140.00	100.00	0.00009	-140.00	90.00	0.00009
-140.00	80.00	0.00009	-140.00	70.00	0.00008
-140.00	60.00	0.00008	-140.00	50.00	0.00008
-140.00	40.00	0.00008	-140.00	30.00	0.00007
-140.00	25.00	0.00007	-140.00	20.00	0.00007
-140.00	17.00	0.00007	-140.00	15.00	0.00007
-140.00	13.00	0.00007	-140.00	11.00	0.00007
-140.00	9.00	0.00007	-140.00	-9.00	0.00006
-140.00	-11.00	0.00006	-140.00	-13.00	0.00006
-140.00	-15.00	0.00006	-140.00	-17.00	0.00006
-140.00	-20.00	0.00006	-140.00	-25.00	0.00006
-140.00	-30.00	0.00006	-140.00	-40.00	0.00006
-140.00	-50.00	0.00005	-140.00	-60.00	0.00005
-140.00	-70.00	0.00005	-140.00	-80.00	0.00005
-140.00	-90.00	0.00005	-140.00	-100.00	0.00005
-130.00	100.00	0.00009	-130.00	90.00	0.00009
-130.00	80.00	0.00009	-130.00	70.00	0.00009
-130.00	60.00	0.00009	-130.00	50.00	0.00008
-130.00	40.00	0.00008	-130.00	30.00	0.00008
-130.00	25.00	0.00008	-130.00	20.00	0.00008
-130.00	17.00	0.00008	-130.00	15.00	0.00008
-130.00	13.00	0.00007	-130.00	11.00	0.00007
-130.00	9.00	0.00007	-130.00	-9.00	0.00007
-130.00	-11.00	0.00007	-130.00	-13.00	0.00007
-130.00	-15.00	0.00007	-130.00	-17.00	0.00007
-130.00	-20.00	0.00007	-130.00	-25.00	0.00006
-130.00	-30.00	0.00006	-130.00	-40.00	0.00006
-130.00	-50.00	0.00006	-130.00	-60.00	0.00006
-130.00	-70.00	0.00005	-130.00	-80.00	0.00005
-130.00	-90.00	0.00005	-130.00	-100.00	0.00005
-120.00	100.00	0.00010	-120.00	90.00	0.00010
-120.00	80.00	0.00010	-120.00	70.00	0.00010

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	60.00	0.00009	-120.00	50.00	0.00009
-120.00	40.00	0.00009	-120.00	30.00	0.00008
-120.00	25.00	0.00008	-120.00	20.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00008	-120.00	15.00	0.00008
-120.00	13.00	0.00008	-120.00	11.00	0.00008
-120.00	9.00	0.00008	-120.00	-9.00	0.00007
-120.00	-11.00	0.00007	-120.00	-13.00	0.00007
-120.00	-15.00	0.00007	-120.00	-17.00	0.00007
-120.00	-20.00	0.00007	-120.00	-25.00	0.00007
-120.00	-30.00	0.00007	-120.00	-40.00	0.00006
-120.00	-50.00	0.00006	-120.00	-60.00	0.00006
-120.00	-70.00	0.00006	-120.00	-80.00	0.00006
-120.00	-90.00	0.00006	-120.00	-100.00	0.00006
-110.00	100.00	0.00010	-110.00	90.00	0.00011
-110.00	80.00	0.00010	-110.00	70.00	0.00010
-110.00	60.00	0.00010	-110.00	50.00	0.00010
-110.00	40.00	0.00009	-110.00	30.00	0.00009
-110.00	25.00	0.00009	-110.00	20.00	0.00009
-110.00	17.00	0.00009	-110.00	15.00	0.00009
-110.00	13.00	0.00009	-110.00	11.00	0.00008
-110.00	9.00	0.00008	-110.00	-9.00	0.00008
-110.00	-11.00	0.00008	-110.00	-13.00	0.00008
-110.00	-15.00	0.00008	-110.00	-17.00	0.00007
-110.00	-20.00	0.00007	-110.00	-25.00	0.00007
-110.00	-30.00	0.00007	-110.00	-40.00	0.00007
-110.00	-50.00	0.00006	-110.00	-60.00	0.00006
-110.00	-70.00	0.00006	-110.00	-80.00	0.00006
-110.00	-90.00	0.00006	-110.00	-100.00	0.00006
-100.00	100.00	0.00011	-100.00	90.00	0.00011
-100.00	80.00	0.00011	-100.00	70.00	0.00011
-100.00	60.00	0.00011	-100.00	50.00	0.00010
-100.00	40.00	0.00010	-100.00	30.00	0.00010
-100.00	25.00	0.00010	-100.00	20.00	0.00009
-100.00	17.00	0.00009	-100.00	15.00	0.00009

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00009	-100.00	11.00	0.00009
-100.00	9.00	0.00009	-100.00	-9.00	0.00008
-100.00	-11.00	0.00008	-100.00	-13.00	0.00008
-100.00	-15.00	0.00008	-100.00	-17.00	0.00008
-100.00	-20.00	0.00008	-100.00	-25.00	0.00008
-100.00	-30.00	0.00007	-100.00	-40.00	0.00007
-100.00	-50.00	0.00007	-100.00	-60.00	0.00007
-100.00	-70.00	0.00007	-100.00	-80.00	0.00007
-100.00	-90.00	0.00007	-100.00	-100.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00012	-90.00	90.00	0.00012
-90.00	80.00	0.00012	-90.00	70.00	0.00012
-90.00	60.00	0.00012	-90.00	50.00	0.00011
-90.00	40.00	0.00011	-90.00	30.00	0.00010
-90.00	25.00	0.00010	-90.00	20.00	0.00010
-90.00	17.00	0.00010	-90.00	15.00	0.00010
-90.00	13.00	0.00010	-90.00	11.00	0.00010
-90.00	9.00	0.00010	-90.00	-9.00	0.00009
-90.00	-11.00	0.00009	-90.00	-13.00	0.00009
-90.00	-15.00	0.00009	-90.00	-17.00	0.00008
-90.00	-20.00	0.00008	-90.00	-25.00	0.00008
-90.00	-30.00	0.00008	-90.00	-40.00	0.00008
-90.00	-50.00	0.00007	-90.00	-60.00	0.00007
-90.00	-70.00	0.00007	-90.00	-80.00	0.00007
-90.00	-90.00	0.00007	-90.00	-100.00	0.00007
-80.00	100.00	0.00013	-80.00	90.00	0.00013
-80.00	80.00	0.00013	-80.00	70.00	0.00013
-80.00	60.00	0.00013	-80.00	50.00	0.00012
-80.00	40.00	0.00012	-80.00	30.00	0.00011
-80.00	25.00	0.00011	-80.00	20.00	0.00011
-80.00	17.00	0.00011	-80.00	15.00	0.00011
-80.00	13.00	0.00010	-80.00	11.00	0.00010
-80.00	9.00	0.00010	-80.00	-9.00	0.00009
-80.00	-11.00	0.00009	-80.00	-13.00	0.00009
-80.00	-15.00	0.00009	-80.00	-17.00	0.00009

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-20.00	0.00009	-80.00	-25.00	0.00009
-80.00	-30.00	0.00008	-80.00	-40.00	0.00008
-80.00	-50.00	0.00008	-80.00	-60.00	0.00008
-80.00	-70.00	0.00008	-80.00	-80.00	0.00008
-80.00	-90.00	0.00008	-80.00	-100.00	0.00008
-70.00	100.00	0.00013	-70.00	90.00	0.00014
-70.00	80.00	0.00014	-70.00	70.00	0.00014
-70.00	60.00	0.00014	-70.00	50.00	0.00013
-70.00	40.00	0.00013	-70.00	30.00	0.00012
-70.00	25.00	0.00012	-70.00	20.00	0.00012
-70.00	17.00	0.00012	-70.00	15.00	0.00011
-70.00	13.00	0.00011	-70.00	11.00	0.00011
-70.00	9.00	0.00011	-70.00	-9.00	0.00010
-70.00	-11.00	0.00010	-70.00	-13.00	0.00010
-70.00	-15.00	0.00010	-70.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00009	-70.00	-25.00	0.00009
-70.00	-30.00	0.00009	-70.00	-40.00	0.00009
-70.00	-50.00	0.00008	-70.00	-60.00	0.00008
-70.00	-70.00	0.00008	-70.00	-80.00	0.00008
-70.00	-90.00	0.00008	-70.00	-100.00	0.00008
-60.00	100.00	0.00014	-60.00	90.00	0.00015
-60.00	80.00	0.00015	-60.00	70.00	0.00015
-60.00	60.00	0.00015	-60.00	50.00	0.00014
-60.00	40.00	0.00014	-60.00	30.00	0.00013
-60.00	25.00	0.00013	-60.00	20.00	0.00013
-60.00	17.00	0.00012	-60.00	15.00	0.00012
-60.00	13.00	0.00012	-60.00	11.00	0.00012
-60.00	9.00	0.00012	-60.00	-9.00	0.00011
-60.00	-11.00	0.00011	-60.00	-13.00	0.00011
-60.00	-15.00	0.00010	-60.00	-17.00	0.00010
-60.00	-20.00	0.00010	-60.00	-25.00	0.00010
-60.00	-30.00	0.00010	-60.00	-40.00	0.00009
-60.00	-50.00	0.00009	-60.00	-60.00	0.00009
-60.00	-70.00	0.00009	-60.00	-80.00	0.00009

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00009	-60.00	-100.00	0.00009
-50.00	100.00	0.00015	-50.00	90.00	0.00016
-50.00	80.00	0.00016	-50.00	70.00	0.00016
-50.00	60.00	0.00016	-50.00	50.00	0.00016
-50.00	40.00	0.00015	-50.00	30.00	0.00014
-50.00	25.00	0.00014	-50.00	20.00	0.00014
-50.00	17.00	0.00014	-50.00	15.00	0.00013
-50.00	13.00	0.00013	-50.00	11.00	0.00013
-50.00	9.00	0.00013	-50.00	-9.00	0.00012
-50.00	-11.00	0.00012	-50.00	-13.00	0.00011
-50.00	-15.00	0.00011	-50.00	-17.00	0.00011
-50.00	-20.00	0.00011	-50.00	-25.00	0.00011
-50.00	-30.00	0.00010	-50.00	-40.00	0.00010
-50.00	-50.00	0.00010	-50.00	-60.00	0.00009
-50.00	-70.00	0.00009	-50.00	-80.00	0.00009
-50.00	-90.00	0.00009	-50.00	-100.00	0.00009
-40.00	100.00	0.00016	-40.00	90.00	0.00017
-40.00	80.00	0.00017	-40.00	70.00	0.00018
-40.00	60.00	0.00018	-40.00	50.00	0.00017
-40.00	40.00	0.00016	-40.00	30.00	0.00016
-40.00	25.00	0.00015	-40.00	20.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00015	-40.00	15.00	0.00015
-40.00	13.00	0.00014	-40.00	11.00	0.00014
-40.00	9.00	0.00014	-40.00	-9.00	0.00013
-40.00	-11.00	0.00013	-40.00	-13.00	0.00012
-40.00	-15.00	0.00012	-40.00	-17.00	0.00012
-40.00	-20.00	0.00012	-40.00	-25.00	0.00011
-40.00	-30.00	0.00011	-40.00	-40.00	0.00011
-40.00	-50.00	0.00010	-40.00	-60.00	0.00010
-40.00	-70.00	0.00010	-40.00	-80.00	0.00010
-40.00	-90.00	0.00010	-40.00	-100.00	0.00010
-30.00	100.00	0.00017	-30.00	90.00	0.00018
-30.00	80.00	0.00019	-30.00	70.00	0.00019
-30.00	60.00	0.00019	-30.00	50.00	0.00019

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00018	-30.00	30.00	0.00017
-30.00	25.00	0.00017	-30.00	20.00	0.00016
-30.00	17.00	0.00016	-30.00	15.00	0.00016
-30.00	13.00	0.00016	-30.00	11.00	0.00016
-30.00	9.00	0.00016	-30.00	-9.00	0.00014
-30.00	-11.00	0.00014	-30.00	-13.00	0.00013
-30.00	-15.00	0.00013	-30.00	-17.00	0.00013
-30.00	-20.00	0.00013	-30.00	-25.00	0.00012
-30.00	-30.00	0.00012	-30.00	-40.00	0.00011
-30.00	-50.00	0.00011	-30.00	-60.00	0.00011
-30.00	-70.00	0.00011	-30.00	-80.00	0.00011
-30.00	-90.00	0.00011	-30.00	-100.00	0.00011
-20.00	100.00	0.00019	-20.00	90.00	0.00019
-20.00	80.00	0.00020	-20.00	70.00	0.00021
-20.00	60.00	0.00021	-20.00	50.00	0.00021
-20.00	40.00	0.00020	-20.00	30.00	0.00019
-20.00	25.00	0.00019	-20.00	20.00	0.00018
-20.00	17.00	0.00018	-20.00	15.00	0.00018
-20.00	13.00	0.00017	-20.00	11.00	0.00017
-20.00	9.00	0.00017	-20.00	-9.00	0.00015
-20.00	-11.00	0.00015	-20.00	-13.00	0.00015
-20.00	-15.00	0.00014	-20.00	-17.00	0.00014
-20.00	-20.00	0.00014	-20.00	-25.00	0.00013
-20.00	-30.00	0.00013	-20.00	-40.00	0.00013
-20.00	-50.00	0.00012	-20.00	-60.00	0.00012
-20.00	-70.00	0.00012	-20.00	-80.00	0.00012
-20.00	-90.00	0.00012	-20.00	-100.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00020	-10.00	90.00	0.00021
-10.00	80.00	0.00022	-10.00	70.00	0.00023
-10.00	60.00	0.00023	-10.00	50.00	0.00023
-10.00	40.00	0.00022	-10.00	30.00	0.00021
-10.00	25.00	0.00021	-10.00	20.00	0.00020
-10.00	17.00	0.00020	-10.00	15.00	0.00020
-10.00	13.00	0.00019	-10.00	11.00	0.00019

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00019	-10.00	-9.00	0.00017
-10.00	-11.00	0.00016	-10.00	-13.00	0.00016
-10.00	-15.00	0.00016	-10.00	-17.00	0.00016
-10.00	-20.00	0.00015	-10.00	-25.00	0.00015
-10.00	-30.00	0.00014	-10.00	-40.00	0.00014
-10.00	-50.00	0.00013	-10.00	-60.00	0.00013
-10.00	-70.00	0.00013	-10.00	-80.00	0.00013
-10.00	-90.00	0.00013	-10.00	-100.00	0.00012
0.00	100.00	0.00021	0.00	90.00	0.00023
0.00	80.00	0.00024	0.00	70.00	0.00025
0.00	60.00	0.00025	0.00	50.00	0.00026
0.00	40.00	0.00025	0.00	30.00	0.00024
0.00	25.00	0.00023	0.00	20.00	0.00022
0.00	17.00	0.00022	0.00	15.00	0.00022
0.00	13.00	0.00021	0.00	11.00	0.00021
0.00	9.00	0.00021	0.00	-9.00	0.00018
0.00	-11.00	0.00018	0.00	-13.00	0.00018
0.00	-15.00	0.00017	0.00	-17.00	0.00017
0.00	-20.00	0.00017	0.00	-25.00	0.00016
0.00	-30.00	0.00016	0.00	-40.00	0.00015
0.00	-50.00	0.00015	0.00	-60.00	0.00015
0.00	-70.00	0.00015	0.00	-80.00	0.00014
0.00	-90.00	0.00014	0.00	-100.00	0.00013
10.00	100.00	0.00023	10.00	90.00	0.00025
10.00	80.00	0.00026	10.00	70.00	0.00027
10.00	60.00	0.00028	10.00	50.00	0.00028
10.00	40.00	0.00028	10.00	30.00	0.00027
10.00	25.00	0.00026	10.00	20.00	0.00025
10.00	17.00	0.00025	10.00	15.00	0.00024
10.00	13.00	0.00024	10.00	11.00	0.00024
10.00	9.00	0.00023	10.00	-9.00	0.00020
10.00	-11.00	0.00020	10.00	-13.00	0.00019
10.00	-15.00	0.00019	10.00	-17.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00018	10.00	-25.00	0.00018

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00017	10.00	-40.00	0.00017
10.00	-50.00	0.00017	10.00	-60.00	0.00016
10.00	-70.00	0.00016	10.00	-80.00	0.00016
10.00	-90.00	0.00015	10.00	-100.00	0.00014
20.00	100.00	0.00025	20.00	90.00	0.00027
20.00	80.00	0.00028	20.00	70.00	0.00030
20.00	60.00	0.00031	20.00	50.00	0.00032
20.00	40.00	0.00032	20.00	30.00	0.00030
20.00	25.00	0.00029	20.00	20.00	0.00028
20.00	17.00	0.00028	20.00	15.00	0.00027
20.00	13.00	0.00027	20.00	11.00	0.00027
20.00	9.00	0.00026	20.00	-9.00	0.00022
20.00	-11.00	0.00022	20.00	-13.00	0.00022
20.00	-15.00	0.00021	20.00	-17.00	0.00021
20.00	-20.00	0.00020	20.00	-25.00	0.00020
20.00	-30.00	0.00019	20.00	-40.00	0.00019
20.00	-50.00	0.00019	20.00	-60.00	0.00018
20.00	-70.00	0.00018	20.00	-80.00	0.00017
20.00	-90.00	0.00016	20.00	-100.00	0.00015
30.00	100.00	0.00027	30.00	90.00	0.00029
30.00	80.00	0.00031	30.00	70.00	0.00033
30.00	60.00	0.00034	30.00	50.00	0.00036
30.00	40.00	0.00036	30.00	30.00	0.00035
30.00	25.00	0.00034	30.00	20.00	0.00032
30.00	17.00	0.00032	30.00	15.00	0.00031
30.00	13.00	0.00031	30.00	11.00	0.00030
30.00	9.00	0.00030	30.00	-9.00	0.00025
30.00	-11.00	0.00025	30.00	-13.00	0.00024
30.00	-15.00	0.00024	30.00	-17.00	0.00023
30.00	-20.00	0.00023	30.00	-25.00	0.00022
30.00	-30.00	0.00021	30.00	-40.00	0.00021
30.00	-50.00	0.00021	30.00	-60.00	0.00020
30.00	-70.00	0.00019	30.00	-80.00	0.00018
30.00	-90.00	0.00017	30.00	-100.00	0.00016
40.00	100.00	0.00029	40.00	90.00	0.00031
40.00	80.00	0.00034	40.00	70.00	0.00036
40.00	60.00	0.00038	40.00	50.00	0.00040
40.00	40.00	0.00041	40.00	30.00	0.00040
40.00	25.00	0.00039	40.00	20.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00036	40.00	15.00	0.00036
40.00	13.00	0.00035	40.00	11.00	0.00035
40.00	9.00	0.00034	40.00	-9.00	0.00028
40.00	-11.00	0.00028	40.00	-13.00	0.00027
40.00	-15.00	0.00027	40.00	-17.00	0.00026
40.00	-20.00	0.00025	40.00	-25.00	0.00025
40.00	-30.00	0.00024	40.00	-40.00	0.00024
40.00	-50.00	0.00023	40.00	-60.00	0.00023
40.00	-70.00	0.00021	40.00	-80.00	0.00020
40.00	-90.00	0.00018	40.00	-100.00	0.00017
50.00	100.00	0.00031	50.00	90.00	0.00034
50.00	80.00	0.00037	50.00	70.00	0.00040
50.00	60.00	0.00043	50.00	50.00	0.00045
50.00	40.00	0.00047	50.00	30.00	0.00046
50.00	25.00	0.00045	50.00	20.00	0.00043
50.00	17.00	0.00042	50.00	15.00	0.00042
50.00	13.00	0.00041	50.00	11.00	0.00040
50.00	9.00	0.00039	50.00	-9.00	0.00032
50.00	-11.00	0.00031	50.00	-13.00	0.00031
50.00	-15.00	0.00030	50.00	-17.00	0.00029
50.00	-20.00	0.00029	50.00	-25.00	0.00028
50.00	-30.00	0.00027	50.00	-40.00	0.00027
50.00	-50.00	0.00026	50.00	-60.00	0.00025
50.00	-70.00	0.00023	50.00	-80.00	0.00021
50.00	-90.00	0.00020	50.00	-100.00	0.00018
60.00	100.00	0.00034	60.00	90.00	0.00037
60.00	80.00	0.00040	60.00	70.00	0.00044
60.00	60.00	0.00048	60.00	50.00	0.00051
60.00	40.00	0.00054	60.00	30.00	0.00054
60.00	25.00	0.00053	60.00	20.00	0.00051
60.00	17.00	0.00050	60.00	15.00	0.00049
60.00	13.00	0.00048	60.00	11.00	0.00047
60.00	9.00	0.00046	60.00	-9.00	0.00037
60.00	-11.00	0.00036	60.00	-13.00	0.00035
60.00	-15.00	0.00034	60.00	-17.00	0.00033
60.00	-20.00	0.00033	60.00	-25.00	0.00032
60.00	-30.00	0.00031	60.00	-40.00	0.00031
60.00	-50.00	0.00030	60.00	-60.00	0.00028
60.00	-70.00	0.00026	60.00	-80.00	0.00023

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00021 60.00 -100.00 0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00036	70.00	90.00	0.00040
70.00	80.00	0.00044	70.00	70.00	0.00049
70.00	60.00	0.00054	70.00	50.00	0.00058
70.00	40.00	0.00062	70.00	30.00	0.00064
70.00	25.00	0.00063	70.00	20.00	0.00061
70.00	17.00	0.00059	70.00	15.00	0.00058
70.00	13.00	0.00057	70.00	11.00	0.00056
70.00	9.00	0.00054	70.00	-9.00	0.00042
70.00	-11.00	0.00041	70.00	-13.00	0.00040
70.00	-15.00	0.00039	70.00	-17.00	0.00038
70.00	-20.00	0.00038	70.00	-25.00	0.00037
70.00	-30.00	0.00037	70.00	-40.00	0.00036
70.00	-50.00	0.00033	70.00	-60.00	0.00031
70.00	-70.00	0.00028	70.00	-80.00	0.00025
70.00	-90.00	0.00023	70.00	-100.00	0.00021
80.00	100.00	0.00038	80.00	90.00	0.00043
80.00	80.00	0.00048	80.00	70.00	0.00054
80.00	60.00	0.00060	80.00	50.00	0.00066
80.00	40.00	0.00072	80.00	30.00	0.00075
80.00	25.00	0.00075	80.00	20.00	0.00074
80.00	17.00	0.00072	80.00	15.00	0.00071
80.00	13.00	0.00069	80.00	11.00	0.00067
80.00	9.00	0.00065	80.00	-9.00	0.00049
80.00	-11.00	0.00048	80.00	-13.00	0.00046
80.00	-15.00	0.00045	80.00	-17.00	0.00045
80.00	-20.00	0.00044	80.00	-25.00	0.00043
80.00	-30.00	0.00043	80.00	-40.00	0.00041
80.00	-50.00	0.00038	80.00	-60.00	0.00034
80.00	-70.00	0.00030	80.00	-80.00	0.00027
80.00	-90.00	0.00025	80.00	-100.00	0.00022
90.00	100.00	0.00039	90.00	90.00	0.00045
90.00	80.00	0.00052	90.00	70.00	0.00059
90.00	60.00	0.00067	90.00	50.00	0.00076

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00084	90.00	30.00	0.00089
90.00	25.00	0.00091	90.00	20.00	0.00090
90.00	17.00	0.00088	90.00	15.00	0.00087
90.00	13.00	0.00085	90.00	11.00	0.00083
90.00	9.00	0.00080	90.00	-9.00	0.00057
90.00	-11.00	0.00056	90.00	-13.00	0.00054
90.00	-15.00	0.00053	90.00	-17.00	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00052	90.00	-25.00	0.00051
90.00	-30.00	0.00050	90.00	-40.00	0.00046
90.00	-50.00	0.00042	90.00	-60.00	0.00037
90.00	-70.00	0.00033	90.00	-80.00	0.00030
90.00	-90.00	0.00027	90.00	-100.00	0.00025
100.00	100.00	0.00040	100.00	90.00	0.00046
100.00	80.00	0.00054	100.00	70.00	0.00063
100.00	60.00	0.00074	100.00	50.00	0.00086
100.00	40.00	0.00097	100.00	30.00	0.00107
100.00	25.00	0.00110	100.00	20.00	0.00111
100.00	17.00	0.00110	100.00	15.00	0.00108
100.00	13.00	0.00106	100.00	11.00	0.00103
100.00	9.00	0.00100	100.00	-9.00	0.00068
100.00	-11.00	0.00066	100.00	-13.00	0.00064
100.00	-15.00	0.00064	100.00	-17.00	0.00063
100.00	-20.00	0.00062	100.00	-25.00	0.00060
100.00	-30.00	0.00058	100.00	-40.00	0.00053
100.00	-50.00	0.00047	100.00	-60.00	0.00042
100.00	-70.00	0.00037	100.00	-80.00	0.00033
100.00	-90.00	0.00030	100.00	-100.00	0.00028
110.00	100.00	0.00039	110.00	90.00	0.00047
110.00	80.00	0.00056	110.00	70.00	0.00066
110.00	60.00	0.00079	110.00	50.00	0.00095
110.00	40.00	0.00112	110.00	30.00	0.00128
110.00	25.00	0.00134	110.00	20.00	0.00138
110.00	17.00	0.00138	110.00	15.00	0.00137
110.00	13.00	0.00135	110.00	11.00	0.00132

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00128	110.00	-9.00	0.00081
110.00	-11.00	0.00079	110.00	-13.00	0.00077
110.00	-15.00	0.00076	110.00	-17.00	0.00075
110.00	-20.00	0.00073	110.00	-25.00	0.00070
110.00	-30.00	0.00067	110.00	-40.00	0.00060
110.00	-50.00	0.00053	110.00	-60.00	0.00047
110.00	-70.00	0.00042	110.00	-80.00	0.00038
110.00	-90.00	0.00034	110.00	-100.00	0.00031
120.00	100.00	0.00038	120.00	90.00	0.00046
120.00	80.00	0.00055	120.00	70.00	0.00067
120.00	60.00	0.00082	120.00	50.00	0.00101
120.00	40.00	0.00124	120.00	30.00	0.00150
120.00	25.00	0.00162	120.00	20.00	0.00171

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00175	120.00	15.00	0.00176
120.00	13.00	0.00175	120.00	11.00	0.00173
120.00	9.00	0.00169	120.00	-9.00	0.00098
120.00	-11.00	0.00095	120.00	-13.00	0.00093
120.00	-15.00	0.00091	120.00	-17.00	0.00089
120.00	-20.00	0.00086	120.00	-25.00	0.00082
120.00	-30.00	0.00078	120.00	-40.00	0.00070
120.00	-50.00	0.00062	120.00	-60.00	0.00055
120.00	-70.00	0.00048	120.00	-80.00	0.00043
120.00	-90.00	0.00039	120.00	-100.00	0.00035
130.00	100.00	0.00037	130.00	90.00	0.00044
130.00	80.00	0.00054	130.00	70.00	0.00066
130.00	60.00	0.00082	130.00	50.00	0.00103
130.00	40.00	0.00129	130.00	30.00	0.00163
130.00	25.00	0.00182	130.00	20.00	0.00201
130.00	17.00	0.00212	130.00	15.00	0.00218
130.00	13.00	0.00224	130.00	11.00	0.00228
130.00	9.00	0.00230	130.00	-9.00	0.00121
130.00	-11.00	0.00117	130.00	-13.00	0.00113
130.00	-15.00	0.00110	130.00	-17.00	0.00108
130.00	-20.00	0.00104	130.00	-25.00	0.00099

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00094	130.00	-40.00	0.00084
130.00	-50.00	0.00074	130.00	-60.00	0.00065
130.00	-70.00	0.00057	130.00	-80.00	0.00050
130.00	-90.00	0.00045	130.00	-100.00	0.00040
140.00	100.00	0.00034	140.00	90.00	0.00042
140.00	80.00	0.00051	140.00	70.00	0.00064
140.00	60.00	0.00080	140.00	50.00	0.00101
140.00	40.00	0.00130	140.00	30.00	0.00166
140.00	25.00	0.00189	140.00	20.00	0.00212
140.00	17.00	0.00226	140.00	15.00	0.00235
140.00	13.00	0.00244	140.00	11.00	0.00255
140.00	9.00	0.00266	140.00	-9.00	0.00229
140.00	-11.00	0.00201	140.00	-13.00	0.00183
140.00	-15.00	0.00172	140.00	-17.00	0.00163
140.00	-20.00	0.00153	140.00	-25.00	0.00140
140.00	-30.00	0.00130	140.00	-40.00	0.00111
140.00	-50.00	0.00095	140.00	-60.00	0.00081
140.00	-70.00	0.00070	140.00	-80.00	0.00061
140.00	-90.00	0.00054	140.00	-100.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00031	150.00	90.00	0.00038
150.00	80.00	0.00048	150.00	70.00	0.00060
150.00	60.00	0.00076	150.00	50.00	0.00098
150.00	40.00	0.00127	150.00	30.00	0.00165
150.00	25.00	0.00190	150.00	20.00	0.00217
150.00	17.00	0.00233	150.00	15.00	0.00245
150.00	13.00	0.00256	150.00	11.00	0.00270
150.00	9.00	0.00287	150.00	-9.00	0.00485
150.00	-11.00	0.00427	150.00	-13.00	0.00379
150.00	-15.00	0.00341	150.00	-17.00	0.00309
150.00	-20.00	0.00271	150.00	-25.00	0.00227
150.00	-30.00	0.00196	150.00	-40.00	0.00154
150.00	-50.00	0.00126	150.00	-60.00	0.00105
150.00	-70.00	0.00089	150.00	-80.00	0.00076
150.00	-90.00	0.00066	150.00	-100.00	0.00058

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00028	160.00	90.00	0.00034
160.00	80.00	0.00043	160.00	70.00	0.00055
160.00	60.00	0.00070	160.00	50.00	0.00092
160.00	40.00	0.00121	160.00	30.00	0.00162
160.00	25.00	0.00187	160.00	20.00	0.00217
160.00	17.00	0.00237	160.00	15.00	0.00252
160.00	13.00	0.00268	160.00	11.00	0.00287
160.00	9.00	0.00312	160.00	-9.00	0.00663
160.00	-11.00	0.00610	160.00	-13.00	0.00563
160.00	-15.00	0.00519	160.00	-17.00	0.00479
160.00	-20.00	0.00426	160.00	-25.00	0.00353
160.00	-30.00	0.00296	160.00	-40.00	0.00219
160.00	-50.00	0.00169	160.00	-60.00	0.00135
160.00	-70.00	0.00111	160.00	-80.00	0.00094
160.00	-90.00	0.00080	160.00	-100.00	0.00069
170.00	100.00	0.00025	170.00	90.00	0.00030
170.00	80.00	0.00038	170.00	70.00	0.00049
170.00	60.00	0.00064	170.00	50.00	0.00085
170.00	40.00	0.00114	170.00	30.00	0.00155
170.00	25.00	0.00182	170.00	20.00	0.00214
170.00	17.00	0.00238	170.00	15.00	0.00256
170.00	13.00	0.00277	170.00	11.00	0.00301
170.00	9.00	0.00332	170.00	-9.00	0.00772
170.00	-11.00	0.00727	170.00	-13.00	0.00685
170.00	-15.00	0.00645	170.00	-17.00	0.00607

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00553	170.00	-25.00	0.00471
170.00	-30.00	0.00400	170.00	-40.00	0.00294
170.00	-50.00	0.00223	170.00	-60.00	0.00174
170.00	-70.00	0.00139	170.00	-80.00	0.00114
170.00	-90.00	0.00095	170.00	-100.00	0.00081
180.00	100.00	0.00022	180.00	90.00	0.00027
180.00	80.00	0.00033	180.00	70.00	0.00043
180.00	60.00	0.00056	180.00	50.00	0.00075
180.00	40.00	0.00103	180.00	30.00	0.00144

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00172	180.00	20.00	0.00208
180.00	17.00	0.00235	180.00	15.00	0.00255
180.00	13.00	0.00279	180.00	11.00	0.00307
180.00	9.00	0.00343	180.00	-9.00	0.00840
180.00	-11.00	0.00799	180.00	-13.00	0.00762
180.00	-15.00	0.00726	180.00	-17.00	0.00691
180.00	-20.00	0.00641	180.00	-25.00	0.00560
180.00	-30.00	0.00487	180.00	-40.00	0.00367
180.00	-50.00	0.00280	180.00	-60.00	0.00217
180.00	-70.00	0.00172	180.00	-80.00	0.00138
180.00	-90.00	0.00114	180.00	-100.00	0.00095
190.00	100.00	0.00019	190.00	90.00	0.00023
190.00	80.00	0.00029	190.00	70.00	0.00037
190.00	60.00	0.00048	190.00	50.00	0.00064
190.00	40.00	0.00089	190.00	30.00	0.00129
190.00	25.00	0.00158	190.00	20.00	0.00196
190.00	17.00	0.00225	190.00	15.00	0.00247
190.00	13.00	0.00273	190.00	11.00	0.00304
190.00	9.00	0.00342	190.00	-9.00	0.00884
190.00	-11.00	0.00845	190.00	-13.00	0.00811
190.00	-15.00	0.00778	190.00	-17.00	0.00746
190.00	-20.00	0.00698	190.00	-25.00	0.00623
190.00	-30.00	0.00552	190.00	-40.00	0.00429
190.00	-50.00	0.00332	190.00	-60.00	0.00259
190.00	-70.00	0.00204	190.00	-80.00	0.00164
190.00	-90.00	0.00133	190.00	-100.00	0.00110
200.00	100.00	0.00017	200.00	90.00	0.00021
200.00	80.00	0.00025	200.00	70.00	0.00031
200.00	60.00	0.00040	200.00	50.00	0.00053
200.00	40.00	0.00074	200.00	30.00	0.00110
200.00	25.00	0.00138	200.00	20.00	0.00176

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00205	200.00	15.00	0.00229
200.00	13.00	0.00256	200.00	11.00	0.00288
200.00	9.00	0.00329	200.00	-9.00	0.00909

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00871	200.00	-13.00	0.00840
200.00	-15.00	0.00809	200.00	-17.00	0.00779
200.00	-20.00	0.00735	200.00	-25.00	0.00664
200.00	-30.00	0.00598	200.00	-40.00	0.00476
200.00	-50.00	0.00375	200.00	-60.00	0.00296
200.00	-70.00	0.00235	200.00	-80.00	0.00189
200.00	-90.00	0.00154	200.00	-100.00	0.00127
210.00	100.00	0.00016	210.00	90.00	0.00018
210.00	80.00	0.00022	210.00	70.00	0.00027
210.00	60.00	0.00034	210.00	50.00	0.00044
210.00	40.00	0.00060	210.00	30.00	0.00089
210.00	25.00	0.00112	210.00	20.00	0.00147
210.00	17.00	0.00174	210.00	15.00	0.00197
210.00	13.00	0.00224	210.00	11.00	0.00257
210.00	9.00	0.00299	210.00	-9.00	0.00919
210.00	-11.00	0.00883	210.00	-13.00	0.00853
210.00	-15.00	0.00826	210.00	-17.00	0.00799
210.00	-20.00	0.00758	210.00	-25.00	0.00691
210.00	-30.00	0.00627	210.00	-40.00	0.00509
210.00	-50.00	0.00408	210.00	-60.00	0.00326
210.00	-70.00	0.00262	210.00	-80.00	0.00212
210.00	-90.00	0.00173	210.00	-100.00	0.00143
220.00	100.00	0.00014	220.00	90.00	0.00017
220.00	80.00	0.00020	220.00	70.00	0.00024
220.00	60.00	0.00030	220.00	50.00	0.00038
220.00	40.00	0.00051	220.00	30.00	0.00074
220.00	25.00	0.00093	220.00	20.00	0.00119
220.00	17.00	0.00141	220.00	15.00	0.00159
220.00	13.00	0.00181	220.00	11.00	0.00209
220.00	9.00	0.00247	220.00	-9.00	0.00918
220.00	-11.00	0.00885	220.00	-13.00	0.00854
220.00	-15.00	0.00829	220.00	-17.00	0.00804
220.00	-20.00	0.00766	220.00	-25.00	0.00702
220.00	-30.00	0.00640	220.00	-40.00	0.00527
220.00	-50.00	0.00429	220.00	-60.00	0.00348
220.00	-70.00	0.00282	220.00	-80.00	0.00230
220.00	-90.00	0.00189	220.00	-100.00	0.00157

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00013	230.00	90.00	0.00015	
230.00	80.00	0.00018	230.00	70.00	0.00022	
230.00	60.00	0.00027	230.00	50.00	0.00034	
230.00	40.00	0.00047	230.00	30.00	0.00068	
230.00	25.00	0.00084	230.00	20.00	0.00108	
230.00	17.00	0.00127	230.00	15.00	0.00143	
230.00	13.00	0.00162	230.00	11.00	0.00186	
230.00	9.00	0.00216	230.00	-9.00	0.00818	
230.00	-11.00	0.00816	230.00	-13.00	0.00802	
230.00	-15.00	0.00784	230.00	-17.00	0.00766	
230.00	-20.00	0.00736	230.00	-25.00	0.00682	
230.00	-30.00	0.00627	230.00	-40.00	0.00525	
230.00	-50.00	0.00434	230.00	-60.00	0.00357	
230.00	-70.00	0.00294	230.00	-80.00	0.00242	
230.00	-90.00	0.00201	230.00	-100.00	0.00167	
240.00	100.00	0.00012	240.00	90.00	0.00014	
240.00	80.00	0.00017	240.00	70.00	0.00020	
240.00	60.00	0.00025	240.00	50.00	0.00032	
240.00	40.00	0.00044	240.00	30.00	0.00064	
240.00	25.00	0.00079	240.00	20.00	0.00100	
240.00	17.00	0.00118	240.00	15.00	0.00132	
240.00	13.00	0.00150	240.00	11.00	0.00171	
240.00	9.00	0.00196	240.00	-9.00	0.00565	
240.00	-11.00	0.00594	240.00	-13.00	0.00614	
240.00	-15.00	0.00628	240.00	-17.00	0.00633	
240.00	-20.00	0.00632	240.00	-25.00	0.00611	
240.00	-30.00	0.00577	240.00	-40.00	0.00500	
240.00	-50.00	0.00423	240.00	-60.00	0.00355	
240.00	-70.00	0.00297	240.00	-80.00	0.00248	
240.00	-90.00	0.00207	240.00	-100.00	0.00175	
250.00	100.00	0.00012	250.00	90.00	0.00014	
250.00	80.00	0.00016	250.00	70.00	0.00019	
250.00	60.00	0.00024	250.00	50.00	0.00030	
250.00	40.00	0.00041	250.00	30.00	0.00059	
250.00	25.00	0.00074	250.00	20.00	0.00093	
250.00	17.00	0.00109	250.00	15.00	0.00121	
250.00	13.00	0.00134	250.00	11.00	0.00150	
250.00	9.00	0.00168	250.00	-9.00	0.00392	
250.00	-11.00	0.00415	250.00	-13.00	0.00436	
250.00	-15.00	0.00454	250.00	-17.00	0.00469	

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00485	250.00	-25.00	0.00495
250.00	-30.00	0.00488	250.00	-40.00	0.00449
250.00	-50.00	0.00396	250.00	-60.00	0.00341
250.00	-70.00	0.00291	250.00	-80.00	0.00248
250.00	-90.00	0.00210	250.00	-100.00	0.00179

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00008	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00007
-250.00	60.00	0.00007	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00006
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00005
-250.00	-30.00	0.00005	-250.00	-40.00	0.00005
-250.00	-50.00	0.00005	-250.00	-60.00	0.00005
-250.00	-70.00	0.00005	-250.00	-80.00	0.00005
-250.00	-90.00	0.00005	-250.00	-100.00	0.00005
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00008	-240.00	70.00	0.00008
-240.00	60.00	0.00008	-240.00	50.00	0.00007
-240.00	40.00	0.00007	-240.00	30.00	0.00007
-240.00	25.00	0.00007	-240.00	20.00	0.00007

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00007	-240.00	15.00	0.00007
-240.00	13.00	0.00007	-240.00	11.00	0.00007
-240.00	9.00	0.00007	-240.00	-9.00	0.00006
-240.00	-11.00	0.00006	-240.00	-13.00	0.00006
-240.00	-15.00	0.00006	-240.00	-17.00	0.00006
-240.00	-20.00	0.00006	-240.00	-25.00	0.00006
-240.00	-30.00	0.00006	-240.00	-40.00	0.00005
-240.00	-50.00	0.00005	-240.00	-60.00	0.00005
-240.00	-70.00	0.00005	-240.00	-80.00	0.00005
-240.00	-90.00	0.00005	-240.00	-100.00	0.00005
-230.00	100.00	0.00009	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00008
-230.00	60.00	0.00008	-230.00	50.00	0.00008
-230.00	40.00	0.00008	-230.00	30.00	0.00007
-230.00	25.00	0.00007	-230.00	20.00	0.00007
-230.00	17.00	0.00007	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00006
-230.00	-11.00	0.00006	-230.00	-13.00	0.00006
-230.00	-15.00	0.00006	-230.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00006	-230.00	-25.00	0.00006
-230.00	-30.00	0.00006	-230.00	-40.00	0.00006
-230.00	-50.00	0.00005	-230.00	-60.00	0.00005
-230.00	-70.00	0.00005	-230.00	-80.00	0.00005
-230.00	-90.00	0.00005	-230.00	-100.00	0.00005
-220.00	100.00	0.00009	-220.00	90.00	0.00009
-220.00	80.00	0.00009	-220.00	70.00	0.00009
-220.00	60.00	0.00009	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008
-220.00	13.00	0.00007	-220.00	11.00	0.00007
-220.00	9.00	0.00007	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00006
-220.00	-30.00	0.00006	-220.00	-40.00	0.00006
-220.00	-50.00	0.00006	-220.00	-60.00	0.00006
-220.00	-70.00	0.00005	-220.00	-80.00	0.00005
-220.00	-90.00	0.00005	-220.00	-100.00	0.00005
-210.00	100.00	0.00010	-210.00	90.00	0.00010
-210.00	80.00	0.00010	-210.00	70.00	0.00010
-210.00	60.00	0.00009	-210.00	50.00	0.00009
-210.00	40.00	0.00009	-210.00	30.00	0.00008
-210.00	25.00	0.00008	-210.00	20.00	0.00008
-210.00	17.00	0.00008	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00007
-210.00	-11.00	0.00007	-210.00	-13.00	0.00007
-210.00	-15.00	0.00007	-210.00	-17.00	0.00007
-210.00	-20.00	0.00007	-210.00	-25.00	0.00007
-210.00	-30.00	0.00007	-210.00	-40.00	0.00006
-210.00	-50.00	0.00006	-210.00	-60.00	0.00006
-210.00	-70.00	0.00006	-210.00	-80.00	0.00006
-210.00	-90.00	0.00006	-210.00	-100.00	0.00006
-200.00	100.00	0.00010	-200.00	90.00	0.00011
-200.00	80.00	0.00010	-200.00	70.00	0.00010
-200.00	60.00	0.00010	-200.00	50.00	0.00010
-200.00	40.00	0.00009	-200.00	30.00	0.00009
-200.00	25.00	0.00009	-200.00	20.00	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00008
-200.00	9.00	0.00008	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00007
-200.00	-20.00	0.00007	-200.00	-25.00	0.00007
-200.00	-30.00	0.00007	-200.00	-40.00	0.00007
-200.00	-50.00	0.00006	-200.00	-60.00	0.00006

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00006	-200.00	-80.00	0.00006
-200.00	-90.00	0.00006	-200.00	-100.00	0.00006
-190.00	100.00	0.00011	-190.00	90.00	0.00011
-190.00	80.00	0.00011	-190.00	70.00	0.00011
-190.00	60.00	0.00011	-190.00	50.00	0.00010
-190.00	40.00	0.00010	-190.00	30.00	0.00010
-190.00	25.00	0.00010	-190.00	20.00	0.00009
-190.00	17.00	0.00009	-190.00	15.00	0.00009
-190.00	13.00	0.00009	-190.00	11.00	0.00009
-190.00	9.00	0.00009	-190.00	-9.00	0.00008
-190.00	-11.00	0.00008	-190.00	-13.00	0.00008
-190.00	-15.00	0.00008	-190.00	-17.00	0.00008
-190.00	-20.00	0.00008	-190.00	-25.00	0.00008
-190.00	-30.00	0.00007	-190.00	-40.00	0.00007
-190.00	-50.00	0.00007	-190.00	-60.00	0.00007
-190.00	-70.00	0.00007	-190.00	-80.00	0.00007
-190.00	-90.00	0.00007	-190.00	-100.00	0.00007
-180.00	100.00	0.00012	-180.00	90.00	0.00012
-180.00	80.00	0.00012	-180.00	70.00	0.00012
-180.00	60.00	0.00012	-180.00	50.00	0.00011
-180.00	40.00	0.00011	-180.00	30.00	0.00010
-180.00	25.00	0.00010	-180.00	20.00	0.00010
-180.00	17.00	0.00010	-180.00	15.00	0.00010
-180.00	13.00	0.00010	-180.00	11.00	0.00010
-180.00	9.00	0.00010	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00008
-180.00	-20.00	0.00008	-180.00	-25.00	0.00008
-180.00	-30.00	0.00008	-180.00	-40.00	0.00008
-180.00	-50.00	0.00007	-180.00	-60.00	0.00007
-180.00	-70.00	0.00007	-180.00	-80.00	0.00007
-180.00	-90.00	0.00007	-180.00	-100.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00013	-170.00	90.00	0.00013
-170.00	80.00	0.00013	-170.00	70.00	0.00013

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00013	-170.00	50.00	0.00012
-170.00	40.00	0.00012	-170.00	30.00	0.00011
-170.00	25.00	0.00011	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00010	-170.00	11.00	0.00010
-170.00	9.00	0.00010	-170.00	-9.00	0.00009
-170.00	-11.00	0.00009	-170.00	-13.00	0.00009
-170.00	-15.00	0.00009	-170.00	-17.00	0.00009
-170.00	-20.00	0.00009	-170.00	-25.00	0.00009
-170.00	-30.00	0.00008	-170.00	-40.00	0.00008
-170.00	-50.00	0.00008	-170.00	-60.00	0.00008
-170.00	-70.00	0.00008	-170.00	-80.00	0.00008
-170.00	-90.00	0.00008	-170.00	-100.00	0.00008
-160.00	100.00	0.00013	-160.00	90.00	0.00014
-160.00	80.00	0.00014	-160.00	70.00	0.00014
-160.00	60.00	0.00014	-160.00	50.00	0.00013
-160.00	40.00	0.00013	-160.00	30.00	0.00012
-160.00	25.00	0.00012	-160.00	20.00	0.00012
-160.00	17.00	0.00012	-160.00	15.00	0.00011
-160.00	13.00	0.00011	-160.00	11.00	0.00011
-160.00	9.00	0.00011	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00010
-160.00	-20.00	0.00009	-160.00	-25.00	0.00009
-160.00	-30.00	0.00009	-160.00	-40.00	0.00009
-160.00	-50.00	0.00008	-160.00	-60.00	0.00008
-160.00	-70.00	0.00008	-160.00	-80.00	0.00008
-160.00	-90.00	0.00008	-160.00	-100.00	0.00008
-150.00	100.00	0.00014	-150.00	90.00	0.00015
-150.00	80.00	0.00015	-150.00	70.00	0.00015
-150.00	60.00	0.00015	-150.00	50.00	0.00014
-150.00	40.00	0.00014	-150.00	30.00	0.00013
-150.00	25.00	0.00013	-150.00	20.00	0.00013
-150.00	17.00	0.00012	-150.00	15.00	0.00012
-150.00	13.00	0.00012	-150.00	11.00	0.00012
-150.00	9.00	0.00012	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00010	-150.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

09NCRA PL94-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00010	-150.00	-25.00	0.00010	
-150.00	-30.00	0.00010	-150.00	-40.00	0.00009	
-150.00	-50.00	0.00009	-150.00	-60.00	0.00009	
-150.00	-70.00	0.00009	-150.00	-80.00	0.00009	
-150.00	-90.00	0.00009	-150.00	-100.00	0.00009	
-140.00	100.00	0.00015	-140.00	90.00	0.00016	
-140.00	80.00	0.00016	-140.00	70.00	0.00016	
-140.00	60.00	0.00016	-140.00	50.00	0.00016	
-140.00	40.00	0.00015	-140.00	30.00	0.00014	
-140.00	25.00	0.00014	-140.00	20.00	0.00014	
-140.00	17.00	0.00014	-140.00	15.00	0.00013	
-140.00	13.00	0.00013	-140.00	11.00	0.00013	
-140.00	9.00	0.00013	-140.00	-9.00	0.00012	
-140.00	-11.00	0.00012	-140.00	-13.00	0.00011	
-140.00	-15.00	0.00011	-140.00	-17.00	0.00011	
-140.00	-20.00	0.00011	-140.00	-25.00	0.00011	
-140.00	-30.00	0.00010	-140.00	-40.00	0.00010	
-140.00	-50.00	0.00010	-140.00	-60.00	0.00009	
-140.00	-70.00	0.00009	-140.00	-80.00	0.00009	
-140.00	-90.00	0.00009	-140.00	-100.00	0.00009	
-130.00	100.00	0.00016	-130.00	90.00	0.00017	
-130.00	80.00	0.00017	-130.00	70.00	0.00018	
-130.00	60.00	0.00018	-130.00	50.00	0.00017	
-130.00	40.00	0.00016	-130.00	30.00	0.00016	
-130.00	25.00	0.00015	-130.00	20.00	0.00015	
-130.00	17.00	0.00015	-130.00	15.00	0.00015	
-130.00	13.00	0.00014	-130.00	11.00	0.00014	
-130.00	9.00	0.00014	-130.00	-9.00	0.00013	
-130.00	-11.00	0.00013	-130.00	-13.00	0.00012	
-130.00	-15.00	0.00012	-130.00	-17.00	0.00012	
-130.00	-20.00	0.00012	-130.00	-25.00	0.00011	
-130.00	-30.00	0.00011	-130.00	-40.00	0.00011	
-130.00	-50.00	0.00010	-130.00	-60.00	0.00010	
-130.00	-70.00	0.00010	-130.00	-80.00	0.00010	
-130.00	-90.00	0.00010	-130.00	-100.00	0.00010	
-120.00	100.00	0.00017	-120.00	90.00	0.00018	
-120.00	80.00	0.00019	-120.00	70.00	0.00019	
-120.00	60.00	0.00019	-120.00	50.00	0.00019	
-120.00	40.00	0.00018	-120.00	30.00	0.00017	
-120.00	25.00	0.00017	-120.00	20.00	0.00016	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00016	-120.00	15.00	0.00016
-120.00	13.00	0.00016	-120.00	11.00	0.00016
-120.00	9.00	0.00016	-120.00	-9.00	0.00014
-120.00	-11.00	0.00014	-120.00	-13.00	0.00013
-120.00	-15.00	0.00013	-120.00	-17.00	0.00013
-120.00	-20.00	0.00013	-120.00	-25.00	0.00012
-120.00	-30.00	0.00012	-120.00	-40.00	0.00011
-120.00	-50.00	0.00011	-120.00	-60.00	0.00011
-120.00	-70.00	0.00011	-120.00	-80.00	0.00011
-120.00	-90.00	0.00011	-120.00	-100.00	0.00011
-110.00	100.00	0.00019	-110.00	90.00	0.00019
-110.00	80.00	0.00020	-110.00	70.00	0.00021
-110.00	60.00	0.00021	-110.00	50.00	0.00021
-110.00	40.00	0.00020	-110.00	30.00	0.00019
-110.00	25.00	0.00019	-110.00	20.00	0.00018
-110.00	17.00	0.00018	-110.00	15.00	0.00018
-110.00	13.00	0.00017	-110.00	11.00	0.00017
-110.00	9.00	0.00017	-110.00	-9.00	0.00015
-110.00	-11.00	0.00015	-110.00	-13.00	0.00015
-110.00	-15.00	0.00014	-110.00	-17.00	0.00014
-110.00	-20.00	0.00014	-110.00	-25.00	0.00013
-110.00	-30.00	0.00013	-110.00	-40.00	0.00013
-110.00	-50.00	0.00012	-110.00	-60.00	0.00012
-110.00	-70.00	0.00012	-110.00	-80.00	0.00012
-110.00	-90.00	0.00012	-110.00	-100.00	0.00011
-100.00	100.00	0.00020	-100.00	90.00	0.00021
-100.00	80.00	0.00022	-100.00	70.00	0.00023
-100.00	60.00	0.00023	-100.00	50.00	0.00023
-100.00	40.00	0.00022	-100.00	30.00	0.00021
-100.00	25.00	0.00021	-100.00	20.00	0.00020
-100.00	17.00	0.00020	-100.00	15.00	0.00020
-100.00	13.00	0.00019	-100.00	11.00	0.00019
-100.00	9.00	0.00019	-100.00	-9.00	0.00017
-100.00	-11.00	0.00016	-100.00	-13.00	0.00016



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00016	-100.00	-17.00	0.00016
-100.00	-20.00	0.00015	-100.00	-25.00	0.00015
-100.00	-30.00	0.00014	-100.00	-40.00	0.00014
-100.00	-50.00	0.00013	-100.00	-60.00	0.00013
-100.00	-70.00	0.00013	-100.00	-80.00	0.00013
-100.00	-90.00	0.00013	-100.00	-100.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00021	-90.00	90.00	0.00023
-90.00	80.00	0.00024	-90.00	70.00	0.00025
-90.00	60.00	0.00025	-90.00	50.00	0.00026
-90.00	40.00	0.00025	-90.00	30.00	0.00024
-90.00	25.00	0.00023	-90.00	20.00	0.00022
-90.00	17.00	0.00022	-90.00	15.00	0.00022
-90.00	13.00	0.00021	-90.00	11.00	0.00021
-90.00	9.00	0.00021	-90.00	-9.00	0.00018
-90.00	-11.00	0.00018	-90.00	-13.00	0.00018
-90.00	-15.00	0.00017	-90.00	-17.00	0.00017
-90.00	-20.00	0.00017	-90.00	-25.00	0.00016
-90.00	-30.00	0.00016	-90.00	-40.00	0.00015
-90.00	-50.00	0.00015	-90.00	-60.00	0.00015
-90.00	-70.00	0.00015	-90.00	-80.00	0.00014
-90.00	-90.00	0.00014	-90.00	-100.00	0.00013
-80.00	100.00	0.00023	-80.00	90.00	0.00025
-80.00	80.00	0.00026	-80.00	70.00	0.00027
-80.00	60.00	0.00028	-80.00	50.00	0.00028
-80.00	40.00	0.00028	-80.00	30.00	0.00027
-80.00	25.00	0.00026	-80.00	20.00	0.00025
-80.00	17.00	0.00025	-80.00	15.00	0.00024
-80.00	13.00	0.00024	-80.00	11.00	0.00024
-80.00	9.00	0.00023	-80.00	-9.00	0.00020
-80.00	-11.00	0.00020	-80.00	-13.00	0.00019
-80.00	-15.00	0.00019	-80.00	-17.00	0.00019
-80.00	-20.00	0.00018	-80.00	-25.00	0.00018
-80.00	-30.00	0.00017	-80.00	-40.00	0.00017
-80.00	-50.00	0.00017	-80.00	-60.00	0.00016

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00016	-80.00	-80.00	0.00016
-80.00	-90.00	0.00015	-80.00	-100.00	0.00014
-70.00	100.00	0.00025	-70.00	90.00	0.00027
-70.00	80.00	0.00028	-70.00	70.00	0.00030
-70.00	60.00	0.00031	-70.00	50.00	0.00032
-70.00	40.00	0.00032	-70.00	30.00	0.00030
-70.00	25.00	0.00029	-70.00	20.00	0.00028
-70.00	17.00	0.00028	-70.00	15.00	0.00027
-70.00	13.00	0.00027	-70.00	11.00	0.00027
-70.00	9.00	0.00026	-70.00	-9.00	0.00022
-70.00	-11.00	0.00022	-70.00	-13.00	0.00022
-70.00	-15.00	0.00021	-70.00	-17.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00020	-70.00	-25.00	0.00020
-70.00	-30.00	0.00019	-70.00	-40.00	0.00019
-70.00	-50.00	0.00019	-70.00	-60.00	0.00018
-70.00	-70.00	0.00018	-70.00	-80.00	0.00017
-70.00	-90.00	0.00016	-70.00	-100.00	0.00015
-60.00	100.00	0.00027	-60.00	90.00	0.00029
-60.00	80.00	0.00031	-60.00	70.00	0.00033
-60.00	60.00	0.00034	-60.00	50.00	0.00036
-60.00	40.00	0.00036	-60.00	30.00	0.00035
-60.00	25.00	0.00034	-60.00	20.00	0.00032
-60.00	17.00	0.00032	-60.00	15.00	0.00031
-60.00	13.00	0.00031	-60.00	11.00	0.00030
-60.00	9.00	0.00030	-60.00	-9.00	0.00025
-60.00	-11.00	0.00025	-60.00	-13.00	0.00024
-60.00	-15.00	0.00024	-60.00	-17.00	0.00023
-60.00	-20.00	0.00023	-60.00	-25.00	0.00022
-60.00	-30.00	0.00021	-60.00	-40.00	0.00021
-60.00	-50.00	0.00021	-60.00	-60.00	0.00020
-60.00	-70.00	0.00019	-60.00	-80.00	0.00018
-60.00	-90.00	0.00017	-60.00	-100.00	0.00016
-50.00	100.00	0.00029	-50.00	90.00	0.00031
-50.00	80.00	0.00034	-50.00	70.00	0.00036

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00038	-50.00	50.00	0.00040
-50.00	40.00	0.00041	-50.00	30.00	0.00040
-50.00	25.00	0.00039	-50.00	20.00	0.00037
-50.00	17.00	0.00036	-50.00	15.00	0.00036
-50.00	13.00	0.00035	-50.00	11.00	0.00035
-50.00	9.00	0.00034	-50.00	-9.00	0.00028
-50.00	-11.00	0.00028	-50.00	-13.00	0.00027
-50.00	-15.00	0.00027	-50.00	-17.00	0.00026
-50.00	-20.00	0.00025	-50.00	-25.00	0.00025
-50.00	-30.00	0.00024	-50.00	-40.00	0.00024
-50.00	-50.00	0.00023	-50.00	-60.00	0.00023
-50.00	-70.00	0.00021	-50.00	-80.00	0.00020
-50.00	-90.00	0.00018	-50.00	-100.00	0.00017
-40.00	100.00	0.00031	-40.00	90.00	0.00034
-40.00	80.00	0.00037	-40.00	70.00	0.00040
-40.00	60.00	0.00043	-40.00	50.00	0.00045
-40.00	40.00	0.00047	-40.00	30.00	0.00046
-40.00	25.00	0.00045	-40.00	20.00	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00042	-40.00	15.00	0.00042
-40.00	13.00	0.00041	-40.00	11.00	0.00040
-40.00	9.00	0.00039	-40.00	-9.00	0.00032
-40.00	-11.00	0.00031	-40.00	-13.00	0.00031
-40.00	-15.00	0.00030	-40.00	-17.00	0.00029
-40.00	-20.00	0.00029	-40.00	-25.00	0.00028
-40.00	-30.00	0.00027	-40.00	-40.00	0.00027
-40.00	-50.00	0.00026	-40.00	-60.00	0.00025
-40.00	-70.00	0.00023	-40.00	-80.00	0.00021
-40.00	-90.00	0.00020	-40.00	-100.00	0.00018
-30.00	100.00	0.00034	-30.00	90.00	0.00037
-30.00	80.00	0.00040	-30.00	70.00	0.00044
-30.00	60.00	0.00048	-30.00	50.00	0.00051
-30.00	40.00	0.00054	-30.00	30.00	0.00054
-30.00	25.00	0.00053	-30.00	20.00	0.00051
-30.00	17.00	0.00050	-30.00	15.00	0.00049

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00048	-30.00	11.00	0.00047
-30.00	9.00	0.00046	-30.00	-9.00	0.00037
-30.00	-11.00	0.00036	-30.00	-13.00	0.00035
-30.00	-15.00	0.00034	-30.00	-17.00	0.00033
-30.00	-20.00	0.00033	-30.00	-25.00	0.00032
-30.00	-30.00	0.00031	-30.00	-40.00	0.00031
-30.00	-50.00	0.00030	-30.00	-60.00	0.00028
-30.00	-70.00	0.00026	-30.00	-80.00	0.00023
-30.00	-90.00	0.00021	-30.00	-100.00	0.00019
-20.00	100.00	0.00036	-20.00	90.00	0.00040
-20.00	80.00	0.00044	-20.00	70.00	0.00049
-20.00	60.00	0.00054	-20.00	50.00	0.00058
-20.00	40.00	0.00062	-20.00	30.00	0.00064
-20.00	25.00	0.00063	-20.00	20.00	0.00061
-20.00	17.00	0.00059	-20.00	15.00	0.00058
-20.00	13.00	0.00057	-20.00	11.00	0.00056
-20.00	9.00	0.00054	-20.00	-9.00	0.00042
-20.00	-11.00	0.00041	-20.00	-13.00	0.00040
-20.00	-15.00	0.00039	-20.00	-17.00	0.00038
-20.00	-20.00	0.00038	-20.00	-25.00	0.00037
-20.00	-30.00	0.00037	-20.00	-40.00	0.00036
-20.00	-50.00	0.00033	-20.00	-60.00	0.00031
-20.00	-70.00	0.00028	-20.00	-80.00	0.00025
-20.00	-90.00	0.00023	-20.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00038	-10.00	90.00	0.00043
-10.00	80.00	0.00048	-10.00	70.00	0.00054
-10.00	60.00	0.00060	-10.00	50.00	0.00066
-10.00	40.00	0.00072	-10.00	30.00	0.00075
-10.00	25.00	0.00075	-10.00	20.00	0.00074
-10.00	17.00	0.00072	-10.00	15.00	0.00071
-10.00	13.00	0.00069	-10.00	11.00	0.00067
-10.00	9.00	0.00065	-10.00	-9.00	0.00049
-10.00	-11.00	0.00048	-10.00	-13.00	0.00046
-10.00	-15.00	0.00045	-10.00	-17.00	0.00045

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00044	-10.00	-25.00	0.00043
-10.00	-30.00	0.00043	-10.00	-40.00	0.00041
-10.00	-50.00	0.00038	-10.00	-60.00	0.00034
-10.00	-70.00	0.00030	-10.00	-80.00	0.00027
-10.00	-90.00	0.00025	-10.00	-100.00	0.00022
0.00	100.00	0.00039	0.00	90.00	0.00045
0.00	80.00	0.00052	0.00	70.00	0.00059
0.00	60.00	0.00067	0.00	50.00	0.00076
0.00	40.00	0.00084	0.00	30.00	0.00089
0.00	25.00	0.00091	0.00	20.00	0.00090
0.00	17.00	0.00088	0.00	15.00	0.00087
0.00	13.00	0.00085	0.00	11.00	0.00083
0.00	9.00	0.00080	0.00	-9.00	0.00057
0.00	-11.00	0.00056	0.00	-13.00	0.00054
0.00	-15.00	0.00053	0.00	-17.00	0.00053
0.00	-20.00	0.00052	0.00	-25.00	0.00051
0.00	-30.00	0.00050	0.00	-40.00	0.00046
0.00	-50.00	0.00042	0.00	-60.00	0.00037
0.00	-70.00	0.00033	0.00	-80.00	0.00030
0.00	-90.00	0.00027	0.00	-100.00	0.00025
10.00	100.00	0.00040	10.00	90.00	0.00046
10.00	80.00	0.00054	10.00	70.00	0.00063
10.00	60.00	0.00074	10.00	50.00	0.00086
10.00	40.00	0.00097	10.00	30.00	0.00107
10.00	25.00	0.00110	10.00	20.00	0.00111
10.00	17.00	0.00110	10.00	15.00	0.00108
10.00	13.00	0.00106	10.00	11.00	0.00103
10.00	9.00	0.00100	10.00	-9.00	0.00068
10.00	-11.00	0.00066	10.00	-13.00	0.00064
10.00	-15.00	0.00064	10.00	-17.00	0.00063

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00062	10.00	-25.00	0.00060
10.00	-30.00	0.00058	10.00	-40.00	0.00053
10.00	-50.00	0.00047	10.00	-60.00	0.00042
10.00	-70.00	0.00037	10.00	-80.00	0.00033

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00030	10.00	-100.00	0.00028
20.00	100.00	0.00039	20.00	90.00	0.00047
20.00	80.00	0.00056	20.00	70.00	0.00066
20.00	60.00	0.00079	20.00	50.00	0.00095
20.00	40.00	0.00112	20.00	30.00	0.00128
20.00	25.00	0.00134	20.00	20.00	0.00138
20.00	17.00	0.00138	20.00	15.00	0.00137
20.00	13.00	0.00135	20.00	11.00	0.00132
20.00	9.00	0.00128	20.00	-9.00	0.00081
20.00	-11.00	0.00079	20.00	-13.00	0.00077
20.00	-15.00	0.00076	20.00	-17.00	0.00075
20.00	-20.00	0.00073	20.00	-25.00	0.00070
20.00	-30.00	0.00067	20.00	-40.00	0.00060
20.00	-50.00	0.00053	20.00	-60.00	0.00047
20.00	-70.00	0.00042	20.00	-80.00	0.00038
20.00	-90.00	0.00034	20.00	-100.00	0.00031
30.00	100.00	0.00038	30.00	90.00	0.00046
30.00	80.00	0.00055	30.00	70.00	0.00067
30.00	60.00	0.00082	30.00	50.00	0.00101
30.00	40.00	0.00124	30.00	30.00	0.00150
30.00	25.00	0.00162	30.00	20.00	0.00171
30.00	17.00	0.00175	30.00	15.00	0.00176
30.00	13.00	0.00175	30.00	11.00	0.00173
30.00	9.00	0.00169	30.00	-9.00	0.00098
30.00	-11.00	0.00095	30.00	-13.00	0.00093
30.00	-15.00	0.00091	30.00	-17.00	0.00089
30.00	-20.00	0.00086	30.00	-25.00	0.00082
30.00	-30.00	0.00078	30.00	-40.00	0.00070
30.00	-50.00	0.00062	30.00	-60.00	0.00055
30.00	-70.00	0.00048	30.00	-80.00	0.00043
30.00	-90.00	0.00039	30.00	-100.00	0.00035
40.00	100.00	0.00037	40.00	90.00	0.00044
40.00	80.00	0.00054	40.00	70.00	0.00066
40.00	60.00	0.00082	40.00	50.00	0.00103
40.00	40.00	0.00129	40.00	30.00	0.00163
40.00	25.00	0.00182	40.00	20.00	0.00201

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

09NCRA PL94-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00212	40.00	15.00	0.00218
40.00	13.00	0.00224	40.00	11.00	0.00228
40.00	9.00	0.00230	40.00	-9.00	0.00121
40.00	-11.00	0.00117	40.00	-13.00	0.00113
40.00	-15.00	0.00110	40.00	-17.00	0.00108
40.00	-20.00	0.00104	40.00	-25.00	0.00099
40.00	-30.00	0.00094	40.00	-40.00	0.00084
40.00	-50.00	0.00074	40.00	-60.00	0.00065
40.00	-70.00	0.00057	40.00	-80.00	0.00050
40.00	-90.00	0.00045	40.00	-100.00	0.00040
50.00	100.00	0.00034	50.00	90.00	0.00042
50.00	80.00	0.00051	50.00	70.00	0.00064
50.00	60.00	0.00080	50.00	50.00	0.00101
50.00	40.00	0.00130	50.00	30.00	0.00166
50.00	25.00	0.00189	50.00	20.00	0.00212
50.00	17.00	0.00226	50.00	15.00	0.00235
50.00	13.00	0.00244	50.00	11.00	0.00255
50.00	9.00	0.00266	50.00	-9.00	0.00229
50.00	-11.00	0.00201	50.00	-13.00	0.00183
50.00	-15.00	0.00172	50.00	-17.00	0.00163
50.00	-20.00	0.00153	50.00	-25.00	0.00140
50.00	-30.00	0.00130	50.00	-40.00	0.00111
50.00	-50.00	0.00095	50.00	-60.00	0.00081
50.00	-70.00	0.00070	50.00	-80.00	0.00061
50.00	-90.00	0.00054	50.00	-100.00	0.00048
60.00	100.00	0.00031	60.00	90.00	0.00038
60.00	80.00	0.00048	60.00	70.00	0.00060
60.00	60.00	0.00076	60.00	50.00	0.00098
60.00	40.00	0.00127	60.00	30.00	0.00165
60.00	25.00	0.00190	60.00	20.00	0.00217
60.00	17.00	0.00233	60.00	15.00	0.00245
60.00	13.00	0.00256	60.00	11.00	0.00270
60.00	9.00	0.00287	60.00	-9.00	0.00485
60.00	-11.00	0.00427	60.00	-13.00	0.00379
60.00	-15.00	0.00341	60.00	-17.00	0.00309
60.00	-20.00	0.00271	60.00	-25.00	0.00227
60.00	-30.00	0.00196	60.00	-40.00	0.00154
60.00	-50.00	0.00126	60.00	-60.00	0.00105
60.00	-70.00	0.00089	60.00	-80.00	0.00076
60.00	-90.00	0.00066	60.00	-100.00	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTS:  
PAGE 55

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00034
70.00	80.00	0.00043	70.00	70.00	0.00055
70.00	60.00	0.00070	70.00	50.00	0.00092
70.00	40.00	0.00121	70.00	30.00	0.00162
70.00	25.00	0.00187	70.00	20.00	0.00217
70.00	17.00	0.00237	70.00	15.00	0.00252
70.00	13.00	0.00268	70.00	11.00	0.00287
70.00	9.00	0.00312	70.00	-9.00	0.00663
70.00	-11.00	0.00610	70.00	-13.00	0.00563
70.00	-15.00	0.00519	70.00	-17.00	0.00479
70.00	-20.00	0.00426	70.00	-25.00	0.00353
70.00	-30.00	0.00296	70.00	-40.00	0.00219
70.00	-50.00	0.00169	70.00	-60.00	0.00135
70.00	-70.00	0.00111	70.00	-80.00	0.00094
70.00	-90.00	0.00080	70.00	-100.00	0.00069
80.00	100.00	0.00025	80.00	90.00	0.00030
80.00	80.00	0.00038	80.00	70.00	0.00049
80.00	60.00	0.00064	80.00	50.00	0.00085
80.00	40.00	0.00114	80.00	30.00	0.00155
80.00	25.00	0.00182	80.00	20.00	0.00214
80.00	17.00	0.00238	80.00	15.00	0.00256
80.00	13.00	0.00277	80.00	11.00	0.00301
80.00	9.00	0.00332	80.00	-9.00	0.00772
80.00	-11.00	0.00727	80.00	-13.00	0.00685
80.00	-15.00	0.00645	80.00	-17.00	0.00607
80.00	-20.00	0.00553	80.00	-25.00	0.00471
80.00	-30.00	0.00400	80.00	-40.00	0.00294
80.00	-50.00	0.00223	80.00	-60.00	0.00174
80.00	-70.00	0.00139	80.00	-80.00	0.00114
80.00	-90.00	0.00095	80.00	-100.00	0.00081
90.00	100.00	0.00022	90.00	90.00	0.00027
90.00	80.00	0.00033	90.00	70.00	0.00043
90.00	60.00	0.00056	90.00	50.00	0.00075
90.00	40.00	0.00103	90.00	30.00	0.00144
90.00	25.00	0.00172	90.00	20.00	0.00208
90.00	17.00	0.00235	90.00	15.00	0.00255



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00279	90.00	11.00	0.00307
90.00	9.00	0.00343	90.00	-9.00	0.00840
90.00	-11.00	0.00799	90.00	-13.00	0.00762
90.00	-15.00	0.00726	90.00	-17.00	0.00691

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00641	90.00	-25.00	0.00560
90.00	-30.00	0.00487	90.00	-40.00	0.00367
90.00	-50.00	0.00280	90.00	-60.00	0.00217
90.00	-70.00	0.00172	90.00	-80.00	0.00138
90.00	-90.00	0.00114	90.00	-100.00	0.00095
100.00	100.00	0.00019	100.00	90.00	0.00023
100.00	80.00	0.00029	100.00	70.00	0.00037
100.00	60.00	0.00048	100.00	50.00	0.00064
100.00	40.00	0.00089	100.00	30.00	0.00129
100.00	25.00	0.00158	100.00	20.00	0.00196
100.00	17.00	0.00225	100.00	15.00	0.00247
100.00	13.00	0.00273	100.00	11.00	0.00304
100.00	9.00	0.00342	100.00	-9.00	0.00884
100.00	-11.00	0.00845	100.00	-13.00	0.00811
100.00	-15.00	0.00778	100.00	-17.00	0.00746
100.00	-20.00	0.00698	100.00	-25.00	0.00623
100.00	-30.00	0.00552	100.00	-40.00	0.00429
100.00	-50.00	0.00332	100.00	-60.00	0.00259
100.00	-70.00	0.00204	100.00	-80.00	0.00164
100.00	-90.00	0.00133	100.00	-100.00	0.00110
110.00	100.00	0.00017	110.00	90.00	0.00021
110.00	80.00	0.00025	110.00	70.00	0.00031
110.00	60.00	0.00040	110.00	50.00	0.00053
110.00	40.00	0.00074	110.00	30.00	0.00110
110.00	25.00	0.00138	110.00	20.00	0.00176
110.00	17.00	0.00205	110.00	15.00	0.00229
110.00	13.00	0.00256	110.00	11.00	0.00288
110.00	9.00	0.00329	110.00	-9.00	0.00909
110.00	-11.00	0.00871	110.00	-13.00	0.00840
110.00	-15.00	0.00809	110.00	-17.00	0.00779

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00735	110.00	-25.00	0.00664
110.00	-30.00	0.00598	110.00	-40.00	0.00476
110.00	-50.00	0.00375	110.00	-60.00	0.00296
110.00	-70.00	0.00235	110.00	-80.00	0.00189
110.00	-90.00	0.00154	110.00	-100.00	0.00127
120.00	100.00	0.00016	120.00	90.00	0.00018
120.00	80.00	0.00022	120.00	70.00	0.00027
120.00	60.00	0.00034	120.00	50.00	0.00044
120.00	40.00	0.00060	120.00	30.00	0.00089
120.00	25.00	0.00112	120.00	20.00	0.00147

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00174	120.00	15.00	0.00197
120.00	13.00	0.00224	120.00	11.00	0.00257
120.00	9.00	0.00299	120.00	-9.00	0.00919
120.00	-11.00	0.00883	120.00	-13.00	0.00853
120.00	-15.00	0.00826	120.00	-17.00	0.00799
120.00	-20.00	0.00758	120.00	-25.00	0.00691
120.00	-30.00	0.00627	120.00	-40.00	0.00509
120.00	-50.00	0.00408	120.00	-60.00	0.00326
120.00	-70.00	0.00262	120.00	-80.00	0.00212
120.00	-90.00	0.00173	120.00	-100.00	0.00143
130.00	100.00	0.00014	130.00	90.00	0.00017
130.00	80.00	0.00020	130.00	70.00	0.00024
130.00	60.00	0.00030	130.00	50.00	0.00038
130.00	40.00	0.00051	130.00	30.00	0.00074
130.00	25.00	0.00093	130.00	20.00	0.00119
130.00	17.00	0.00141	130.00	15.00	0.00159
130.00	13.00	0.00181	130.00	11.00	0.00209
130.00	9.00	0.00247	130.00	-9.00	0.00918
130.00	-11.00	0.00885	130.00	-13.00	0.00854
130.00	-15.00	0.00829	130.00	-17.00	0.00804
130.00	-20.00	0.00766	130.00	-25.00	0.00702
130.00	-30.00	0.00640	130.00	-40.00	0.00527
130.00	-50.00	0.00429	130.00	-60.00	0.00348
130.00	-70.00	0.00282	130.00	-80.00	0.00230

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00189	130.00	-100.00	0.00157
140.00	100.00	0.00013	140.00	90.00	0.00015
140.00	80.00	0.00018	140.00	70.00	0.00022
140.00	60.00	0.00027	140.00	50.00	0.00034
140.00	40.00	0.00047	140.00	30.00	0.00068
140.00	25.00	0.00084	140.00	20.00	0.00108
140.00	17.00	0.00127	140.00	15.00	0.00143
140.00	13.00	0.00162	140.00	11.00	0.00186
140.00	9.00	0.00216	140.00	-9.00	0.00818
140.00	-11.00	0.00816	140.00	-13.00	0.00802
140.00	-15.00	0.00784	140.00	-17.00	0.00766
140.00	-20.00	0.00736	140.00	-25.00	0.00682
140.00	-30.00	0.00627	140.00	-40.00	0.00525
140.00	-50.00	0.00434	140.00	-60.00	0.00357
140.00	-70.00	0.00294	140.00	-80.00	0.00242
140.00	-90.00	0.00201	140.00	-100.00	0.00167

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00012	150.00	90.00	0.00014
150.00	80.00	0.00017	150.00	70.00	0.00020
150.00	60.00	0.00025	150.00	50.00	0.00032
150.00	40.00	0.00044	150.00	30.00	0.00064
150.00	25.00	0.00079	150.00	20.00	0.00100
150.00	17.00	0.00118	150.00	15.00	0.00132
150.00	13.00	0.00150	150.00	11.00	0.00171
150.00	9.00	0.00196	150.00	-9.00	0.00565
150.00	-11.00	0.00594	150.00	-13.00	0.00614
150.00	-15.00	0.00628	150.00	-17.00	0.00633
150.00	-20.00	0.00632	150.00	-25.00	0.00611
150.00	-30.00	0.00577	150.00	-40.00	0.00500
150.00	-50.00	0.00423	150.00	-60.00	0.00355
150.00	-70.00	0.00297	150.00	-80.00	0.00248
150.00	-90.00	0.00207	150.00	-100.00	0.00175
160.00	100.00	0.00012	160.00	90.00	0.00014
160.00	80.00	0.00016	160.00	70.00	0.00019
160.00	60.00	0.00024	160.00	50.00	0.00030

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00041	160.00	30.00	0.00059
160.00	25.00	0.00074	160.00	20.00	0.00093
160.00	17.00	0.00109	160.00	15.00	0.00121
160.00	13.00	0.00134	160.00	11.00	0.00150
160.00	9.00	0.00168	160.00	-9.00	0.00392
160.00	-11.00	0.00415	160.00	-13.00	0.00436
160.00	-15.00	0.00454	160.00	-17.00	0.00469
160.00	-20.00	0.00485	160.00	-25.00	0.00495
160.00	-30.00	0.00488	160.00	-40.00	0.00449
160.00	-50.00	0.00396	160.00	-60.00	0.00341
160.00	-70.00	0.00291	160.00	-80.00	0.00248
160.00	-90.00	0.00210	160.00	-100.00	0.00179
170.00	100.00	0.00011	170.00	90.00	0.00013
170.00	80.00	0.00015	170.00	70.00	0.00018
170.00	60.00	0.00022	170.00	50.00	0.00029
170.00	40.00	0.00039	170.00	30.00	0.00056
170.00	25.00	0.00069	170.00	20.00	0.00085
170.00	17.00	0.00098	170.00	15.00	0.00107
170.00	13.00	0.00117	170.00	11.00	0.00128
170.00	9.00	0.00141	170.00	-9.00	0.00285
170.00	-11.00	0.00301	170.00	-13.00	0.00317
170.00	-15.00	0.00331	170.00	-17.00	0.00344

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00361	170.00	-25.00	0.00381
170.00	-30.00	0.00391	170.00	-40.00	0.00383
170.00	-50.00	0.00354	170.00	-60.00	0.00316
170.00	-70.00	0.00278	170.00	-80.00	0.00241
170.00	-90.00	0.00208	170.00	-100.00	0.00179
180.00	100.00	0.00010	180.00	90.00	0.00012
180.00	80.00	0.00014	180.00	70.00	0.00017
180.00	60.00	0.00021	180.00	50.00	0.00027
180.00	40.00	0.00037	180.00	30.00	0.00053
180.00	25.00	0.00064	180.00	20.00	0.00077
180.00	17.00	0.00087	180.00	15.00	0.00094
180.00	13.00	0.00101	180.00	11.00	0.00109

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00118	180.00	-9.00	0.00216
180.00	-11.00	0.00228	180.00	-13.00	0.00239
180.00	-15.00	0.00249	180.00	-17.00	0.00260
180.00	-20.00	0.00274	180.00	-25.00	0.00293
180.00	-30.00	0.00307	180.00	-40.00	0.00316
180.00	-50.00	0.00305	180.00	-60.00	0.00283
180.00	-70.00	0.00256	180.00	-80.00	0.00228
180.00	-90.00	0.00201	180.00	-100.00	0.00177
190.00	100.00	0.00010	190.00	90.00	0.00011
190.00	80.00	0.00013	190.00	70.00	0.00016
190.00	60.00	0.00020	190.00	50.00	0.00026
190.00	40.00	0.00035	190.00	30.00	0.00049
190.00	25.00	0.00058	190.00	20.00	0.00069
190.00	17.00	0.00076	190.00	15.00	0.00081
190.00	13.00	0.00087	190.00	11.00	0.00093
190.00	9.00	0.00100	190.00	-9.00	0.00170
190.00	-11.00	0.00178	190.00	-13.00	0.00186
190.00	-15.00	0.00194	190.00	-17.00	0.00201
190.00	-20.00	0.00212	190.00	-25.00	0.00229
190.00	-30.00	0.00242	190.00	-40.00	0.00257
190.00	-50.00	0.00258	190.00	-60.00	0.00248
190.00	-70.00	0.00231	190.00	-80.00	0.00211
190.00	-90.00	0.00190	190.00	-100.00	0.00170
200.00	100.00	0.00009	200.00	90.00	0.00011
200.00	80.00	0.00013	200.00	70.00	0.00015
200.00	60.00	0.00019	200.00	50.00	0.00025
200.00	40.00	0.00034	200.00	30.00	0.00045
200.00	25.00	0.00053	200.00	20.00	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*                      INCLUDING SOURCE(S) :            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00067	200.00	15.00	0.00071
200.00	13.00	0.00076	200.00	11.00	0.00080
200.00	9.00	0.00085	200.00	-9.00	0.00137
200.00	-11.00	0.00143	200.00	-13.00	0.00149
200.00	-15.00	0.00154	200.00	-17.00	0.00160
200.00	-20.00	0.00169	200.00	-25.00	0.00182

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00194	200.00	-40.00	0.00210
200.00	-50.00	0.00216	200.00	-60.00	0.00214
200.00	-70.00	0.00205	200.00	-80.00	0.00192
200.00	-90.00	0.00177	200.00	-100.00	0.00161
210.00	100.00	0.00009	210.00	90.00	0.00010
210.00	80.00	0.00012	210.00	70.00	0.00015
210.00	60.00	0.00019	210.00	50.00	0.00024
210.00	40.00	0.00032	210.00	30.00	0.00042
210.00	25.00	0.00048	210.00	20.00	0.00055
210.00	17.00	0.00059	210.00	15.00	0.00063
210.00	13.00	0.00066	210.00	11.00	0.00070
210.00	9.00	0.00074	210.00	-9.00	0.00113
210.00	-11.00	0.00117	210.00	-13.00	0.00122
210.00	-15.00	0.00126	210.00	-17.00	0.00130
210.00	-20.00	0.00137	210.00	-25.00	0.00148
210.00	-30.00	0.00157	210.00	-40.00	0.00172
210.00	-50.00	0.00181	210.00	-60.00	0.00183
210.00	-70.00	0.00180	210.00	-80.00	0.00172
210.00	-90.00	0.00161	210.00	-100.00	0.00150
220.00	100.00	0.00008	220.00	90.00	0.00010
220.00	80.00	0.00012	220.00	70.00	0.00014
220.00	60.00	0.00018	220.00	50.00	0.00023
220.00	40.00	0.00030	220.00	30.00	0.00038
220.00	25.00	0.00043	220.00	20.00	0.00049
220.00	17.00	0.00053	220.00	15.00	0.00055
220.00	13.00	0.00058	220.00	11.00	0.00061
220.00	9.00	0.00064	220.00	-9.00	0.00095
220.00	-11.00	0.00098	220.00	-13.00	0.00101
220.00	-15.00	0.00105	220.00	-17.00	0.00108
220.00	-20.00	0.00113	220.00	-25.00	0.00122
220.00	-30.00	0.00130	220.00	-40.00	0.00143
220.00	-50.00	0.00152	220.00	-60.00	0.00157
220.00	-70.00	0.00157	220.00	-80.00	0.00153
220.00	-90.00	0.00146	220.00	-100.00	0.00138

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00008	230.00	90.00	0.00010
230.00	80.00	0.00011	230.00	70.00	0.00014
230.00	60.00	0.00018	230.00	50.00	0.00022
230.00	40.00	0.00028	230.00	30.00	0.00035
230.00	25.00	0.00039	230.00	20.00	0.00044
230.00	17.00	0.00047	230.00	15.00	0.00049
230.00	13.00	0.00051	230.00	11.00	0.00054
230.00	9.00	0.00056	230.00	-9.00	0.00081
230.00	-11.00	0.00083	230.00	-13.00	0.00086
230.00	-15.00	0.00089	230.00	-17.00	0.00091
230.00	-20.00	0.00095	230.00	-25.00	0.00102
230.00	-30.00	0.00109	230.00	-40.00	0.00120
230.00	-50.00	0.00129	230.00	-60.00	0.00134
230.00	-70.00	0.00137	230.00	-80.00	0.00135
230.00	-90.00	0.00132	230.00	-100.00	0.00126
240.00	100.00	0.00008	240.00	90.00	0.00009
240.00	80.00	0.00011	240.00	70.00	0.00014
240.00	60.00	0.00017	240.00	50.00	0.00021
240.00	40.00	0.00026	240.00	30.00	0.00032
240.00	25.00	0.00036	240.00	20.00	0.00039
240.00	17.00	0.00042	240.00	15.00	0.00044
240.00	13.00	0.00046	240.00	11.00	0.00048
240.00	9.00	0.00050	240.00	-9.00	0.00069
240.00	-11.00	0.00072	240.00	-13.00	0.00074
240.00	-15.00	0.00076	240.00	-17.00	0.00078
240.00	-20.00	0.00081	240.00	-25.00	0.00087
240.00	-30.00	0.00092	240.00	-40.00	0.00102
240.00	-50.00	0.00110	240.00	-60.00	0.00116
240.00	-70.00	0.00119	240.00	-80.00	0.00120
240.00	-90.00	0.00118	240.00	-100.00	0.00114
250.00	100.00	0.00008	250.00	90.00	0.00009
250.00	80.00	0.00011	250.00	70.00	0.00013
250.00	60.00	0.00016	250.00	50.00	0.00020
250.00	40.00	0.00024	250.00	30.00	0.00029
250.00	25.00	0.00032	250.00	20.00	0.00036
250.00	17.00	0.00038	250.00	15.00	0.00040
250.00	13.00	0.00041	250.00	11.00	0.00043
250.00	9.00	0.00044	250.00	-9.00	0.00060
250.00	-11.00	0.00062	250.00	-13.00	0.00064
250.00	-15.00	0.00066	250.00	-17.00	0.00068

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17  
\*\*MODELOPTs:  
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00070	250.00	-25.00	0.00075	
250.00	-30.00	0.00079	250.00	-40.00	0.00088	
250.00	-50.00	0.00095	250.00	-60.00	0.00100	
250.00	-70.00	0.00104	250.00	-80.00	0.00106	
250.00	-90.00	0.00105	250.00	-100.00	0.00104	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00013	-250.00	90.00	0.00014	
-250.00	80.00	0.00014	-250.00	70.00	0.00014	
-250.00	60.00	0.00014	-250.00	50.00	0.00013	
-250.00	40.00	0.00013	-250.00	30.00	0.00012	
-250.00	25.00	0.00012	-250.00	20.00	0.00012	
-250.00	17.00	0.00012	-250.00	15.00	0.00011	
-250.00	13.00	0.00011	-250.00	11.00	0.00011	
-250.00	9.00	0.00011	-250.00	-9.00	0.00010	
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010	
-250.00	-15.00	0.00010	-250.00	-17.00	0.00010	
-250.00	-20.00	0.00009	-250.00	-25.00	0.00009	
-250.00	-30.00	0.00009	-250.00	-40.00	0.00009	
-250.00	-50.00	0.00008	-250.00	-60.00	0.00008	
-250.00	-70.00	0.00008	-250.00	-80.00	0.00008	
-250.00	-90.00	0.00008	-250.00	-100.00	0.00008	
-240.00	100.00	0.00014	-240.00	90.00	0.00015	
-240.00	80.00	0.00015	-240.00	70.00	0.00015	
-240.00	60.00	0.00015	-240.00	50.00	0.00014	
-240.00	40.00	0.00014	-240.00	30.00	0.00013	
-240.00	25.00	0.00013	-240.00	20.00	0.00013	
-240.00	17.00	0.00012	-240.00	15.00	0.00012	
-240.00	13.00	0.00012	-240.00	11.00	0.00012	
-240.00	9.00	0.00012	-240.00	-9.00	0.00011	



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00010	-240.00	-17.00	0.00010
-240.00	-20.00	0.00010	-240.00	-25.00	0.00010
-240.00	-30.00	0.00010	-240.00	-40.00	0.00009
-240.00	-50.00	0.00009	-240.00	-60.00	0.00009
-240.00	-70.00	0.00009	-240.00	-80.00	0.00009
-240.00	-90.00	0.00009	-240.00	-100.00	0.00009
-230.00	100.00	0.00015	-230.00	90.00	0.00016
-230.00	80.00	0.00016	-230.00	70.00	0.00016
-230.00	60.00	0.00016	-230.00	50.00	0.00016
-230.00	40.00	0.00015	-230.00	30.00	0.00014
-230.00	25.00	0.00014	-230.00	20.00	0.00014
-230.00	17.00	0.00014	-230.00	15.00	0.00013
-230.00	13.00	0.00013	-230.00	11.00	0.00013
-230.00	9.00	0.00013	-230.00	-9.00	0.00012
-230.00	-11.00	0.00012	-230.00	-13.00	0.00011
-230.00	-15.00	0.00011	-230.00	-17.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00011	-230.00	-25.00	0.00011
-230.00	-30.00	0.00010	-230.00	-40.00	0.00010
-230.00	-50.00	0.00010	-230.00	-60.00	0.00009
-230.00	-70.00	0.00009	-230.00	-80.00	0.00009
-230.00	-90.00	0.00009	-230.00	-100.00	0.00009
-220.00	100.00	0.00016	-220.00	90.00	0.00017
-220.00	80.00	0.00017	-220.00	70.00	0.00018
-220.00	60.00	0.00018	-220.00	50.00	0.00017
-220.00	40.00	0.00016	-220.00	30.00	0.00016
-220.00	25.00	0.00015	-220.00	20.00	0.00015
-220.00	17.00	0.00015	-220.00	15.00	0.00015
-220.00	13.00	0.00014	-220.00	11.00	0.00014
-220.00	9.00	0.00014	-220.00	-9.00	0.00013
-220.00	-11.00	0.00013	-220.00	-13.00	0.00012
-220.00	-15.00	0.00012	-220.00	-17.00	0.00012
-220.00	-20.00	0.00012	-220.00	-25.00	0.00011
-220.00	-30.00	0.00011	-220.00	-40.00	0.00011



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00022	-190.00	70.00	0.00023
-190.00	60.00	0.00023	-190.00	50.00	0.00023
-190.00	40.00	0.00022	-190.00	30.00	0.00021
-190.00	25.00	0.00021	-190.00	20.00	0.00020
-190.00	17.00	0.00020	-190.00	15.00	0.00020
-190.00	13.00	0.00019	-190.00	11.00	0.00019
-190.00	9.00	0.00019	-190.00	-9.00	0.00017
-190.00	-11.00	0.00016	-190.00	-13.00	0.00016
-190.00	-15.00	0.00016	-190.00	-17.00	0.00016
-190.00	-20.00	0.00015	-190.00	-25.00	0.00015
-190.00	-30.00	0.00014	-190.00	-40.00	0.00014
-190.00	-50.00	0.00013	-190.00	-60.00	0.00013
-190.00	-70.00	0.00013	-190.00	-80.00	0.00013
-190.00	-90.00	0.00013	-190.00	-100.00	0.00012
-180.00	100.00	0.00021	-180.00	90.00	0.00023
-180.00	80.00	0.00024	-180.00	70.00	0.00025
-180.00	60.00	0.00025	-180.00	50.00	0.00026
-180.00	40.00	0.00025	-180.00	30.00	0.00024
-180.00	25.00	0.00023	-180.00	20.00	0.00022
-180.00	17.00	0.00022	-180.00	15.00	0.00022
-180.00	13.00	0.00021	-180.00	11.00	0.00021
-180.00	9.00	0.00021	-180.00	-9.00	0.00018
-180.00	-11.00	0.00018	-180.00	-13.00	0.00018
-180.00	-15.00	0.00017	-180.00	-17.00	0.00017
-180.00	-20.00	0.00017	-180.00	-25.00	0.00016
-180.00	-30.00	0.00016	-180.00	-40.00	0.00015
-180.00	-50.00	0.00015	-180.00	-60.00	0.00015
-180.00	-70.00	0.00015	-180.00	-80.00	0.00014
-180.00	-90.00	0.00014	-180.00	-100.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTS:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00023	-170.00	90.00	0.00025
-170.00	80.00	0.00026	-170.00	70.00	0.00027
-170.00	60.00	0.00028	-170.00	50.00	0.00028
-170.00	40.00	0.00028	-170.00	30.00	0.00027
-170.00	25.00	0.00026	-170.00	20.00	0.00025

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00025	-170.00	15.00	0.00024
-170.00	13.00	0.00024	-170.00	11.00	0.00024
-170.00	9.00	0.00023	-170.00	-9.00	0.00020
-170.00	-11.00	0.00020	-170.00	-13.00	0.00019
-170.00	-15.00	0.00019	-170.00	-17.00	0.00019
-170.00	-20.00	0.00018	-170.00	-25.00	0.00018
-170.00	-30.00	0.00017	-170.00	-40.00	0.00017
-170.00	-50.00	0.00017	-170.00	-60.00	0.00016
-170.00	-70.00	0.00016	-170.00	-80.00	0.00016
-170.00	-90.00	0.00015	-170.00	-100.00	0.00014
-160.00	100.00	0.00025	-160.00	90.00	0.00027
-160.00	80.00	0.00028	-160.00	70.00	0.00030
-160.00	60.00	0.00031	-160.00	50.00	0.00032
-160.00	40.00	0.00032	-160.00	30.00	0.00030
-160.00	25.00	0.00029	-160.00	20.00	0.00028
-160.00	17.00	0.00028	-160.00	15.00	0.00027
-160.00	13.00	0.00027	-160.00	11.00	0.00027
-160.00	9.00	0.00026	-160.00	-9.00	0.00022
-160.00	-11.00	0.00022	-160.00	-13.00	0.00022
-160.00	-15.00	0.00021	-160.00	-17.00	0.00021
-160.00	-20.00	0.00020	-160.00	-25.00	0.00020
-160.00	-30.00	0.00019	-160.00	-40.00	0.00019
-160.00	-50.00	0.00019	-160.00	-60.00	0.00018
-160.00	-70.00	0.00018	-160.00	-80.00	0.00017
-160.00	-90.00	0.00016	-160.00	-100.00	0.00015
-150.00	100.00	0.00027	-150.00	90.00	0.00029
-150.00	80.00	0.00031	-150.00	70.00	0.00033
-150.00	60.00	0.00034	-150.00	50.00	0.00036
-150.00	40.00	0.00036	-150.00	30.00	0.00035
-150.00	25.00	0.00034	-150.00	20.00	0.00032
-150.00	17.00	0.00032	-150.00	15.00	0.00031
-150.00	13.00	0.00031	-150.00	11.00	0.00030
-150.00	9.00	0.00030	-150.00	-9.00	0.00025
-150.00	-11.00	0.00025	-150.00	-13.00	0.00024
-150.00	-15.00	0.00024	-150.00	-17.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 10:54:17  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00023	-150.00	-25.00	0.00022
-150.00	-30.00	0.00021	-150.00	-40.00	0.00021
-150.00	-50.00	0.00021	-150.00	-60.00	0.00020
-150.00	-70.00	0.00019	-150.00	-80.00	0.00018
-150.00	-90.00	0.00017	-150.00	-100.00	0.00016
-140.00	100.00	0.00029	-140.00	90.00	0.00031
-140.00	80.00	0.00034	-140.00	70.00	0.00036
-140.00	60.00	0.00038	-140.00	50.00	0.00040
-140.00	40.00	0.00041	-140.00	30.00	0.00040
-140.00	25.00	0.00039	-140.00	20.00	0.00037
-140.00	17.00	0.00036	-140.00	15.00	0.00036
-140.00	13.00	0.00035	-140.00	11.00	0.00035
-140.00	9.00	0.00034	-140.00	-9.00	0.00028
-140.00	-11.00	0.00028	-140.00	-13.00	0.00027
-140.00	-15.00	0.00027	-140.00	-17.00	0.00026
-140.00	-20.00	0.00025	-140.00	-25.00	0.00025
-140.00	-30.00	0.00024	-140.00	-40.00	0.00024
-140.00	-50.00	0.00023	-140.00	-60.00	0.00023
-140.00	-70.00	0.00021	-140.00	-80.00	0.00020
-140.00	-90.00	0.00018	-140.00	-100.00	0.00017
-130.00	100.00	0.00031	-130.00	90.00	0.00034
-130.00	80.00	0.00037	-130.00	70.00	0.00040
-130.00	60.00	0.00043	-130.00	50.00	0.00045
-130.00	40.00	0.00047	-130.00	30.00	0.00046
-130.00	25.00	0.00045	-130.00	20.00	0.00043
-130.00	17.00	0.00042	-130.00	15.00	0.00042
-130.00	13.00	0.00041	-130.00	11.00	0.00040
-130.00	9.00	0.00039	-130.00	-9.00	0.00032
-130.00	-11.00	0.00031	-130.00	-13.00	0.00031
-130.00	-15.00	0.00030	-130.00	-17.00	0.00029
-130.00	-20.00	0.00029	-130.00	-25.00	0.00028
-130.00	-30.00	0.00027	-130.00	-40.00	0.00027
-130.00	-50.00	0.00026	-130.00	-60.00	0.00025
-130.00	-70.00	0.00023	-130.00	-80.00	0.00021
-130.00	-90.00	0.00020	-130.00	-100.00	0.00018
-120.00	100.00	0.00034	-120.00	90.00	0.00037
-120.00	80.00	0.00040	-120.00	70.00	0.00044
-120.00	60.00	0.00048	-120.00	50.00	0.00051
-120.00	40.00	0.00054	-120.00	30.00	0.00054
-120.00	25.00	0.00053	-120.00	20.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00050	-120.00	15.00	0.00049
-120.00	13.00	0.00048	-120.00	11.00	0.00047
-120.00	9.00	0.00046	-120.00	-9.00	0.00037
-120.00	-11.00	0.00036	-120.00	-13.00	0.00035
-120.00	-15.00	0.00034	-120.00	-17.00	0.00033
-120.00	-20.00	0.00033	-120.00	-25.00	0.00032
-120.00	-30.00	0.00031	-120.00	-40.00	0.00031
-120.00	-50.00	0.00030	-120.00	-60.00	0.00028
-120.00	-70.00	0.00026	-120.00	-80.00	0.00023
-120.00	-90.00	0.00021	-120.00	-100.00	0.00019
-110.00	100.00	0.00036	-110.00	90.00	0.00040
-110.00	80.00	0.00044	-110.00	70.00	0.00049
-110.00	60.00	0.00054	-110.00	50.00	0.00058
-110.00	40.00	0.00062	-110.00	30.00	0.00064
-110.00	25.00	0.00063	-110.00	20.00	0.00061
-110.00	17.00	0.00059	-110.00	15.00	0.00058
-110.00	13.00	0.00057	-110.00	11.00	0.00056
-110.00	9.00	0.00054	-110.00	-9.00	0.00042
-110.00	-11.00	0.00041	-110.00	-13.00	0.00040
-110.00	-15.00	0.00039	-110.00	-17.00	0.00038
-110.00	-20.00	0.00038	-110.00	-25.00	0.00037
-110.00	-30.00	0.00037	-110.00	-40.00	0.00036
-110.00	-50.00	0.00033	-110.00	-60.00	0.00031
-110.00	-70.00	0.00028	-110.00	-80.00	0.00025
-110.00	-90.00	0.00023	-110.00	-100.00	0.00021
-100.00	100.00	0.00038	-100.00	90.00	0.00043
-100.00	80.00	0.00048	-100.00	70.00	0.00054
-100.00	60.00	0.00060	-100.00	50.00	0.00066
-100.00	40.00	0.00072	-100.00	30.00	0.00075
-100.00	25.00	0.00075	-100.00	20.00	0.00074
-100.00	17.00	0.00072	-100.00	15.00	0.00071
-100.00	13.00	0.00069	-100.00	11.00	0.00067
-100.00	9.00	0.00065	-100.00	-9.00	0.00049
-100.00	-11.00	0.00048	-100.00	-13.00	0.00046
-100.00	-15.00	0.00045	-100.00	-17.00	0.00045
-100.00	-20.00	0.00044	-100.00	-25.00	0.00043
-100.00	-30.00	0.00043	-100.00	-40.00	0.00041

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00038	-100.00	-60.00	0.00034
-100.00	-70.00	0.00030	-100.00	-80.00	0.00027
-100.00	-90.00	0.00025	-100.00	-100.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00039	-90.00	90.00	0.00045
-90.00	80.00	0.00052	-90.00	70.00	0.00059
-90.00	60.00	0.00067	-90.00	50.00	0.00076
-90.00	40.00	0.00084	-90.00	30.00	0.00089
-90.00	25.00	0.00091	-90.00	20.00	0.00090
-90.00	17.00	0.00088	-90.00	15.00	0.00087
-90.00	13.00	0.00085	-90.00	11.00	0.00083
-90.00	9.00	0.00080	-90.00	-9.00	0.00057
-90.00	-11.00	0.00056	-90.00	-13.00	0.00054
-90.00	-15.00	0.00053	-90.00	-17.00	0.00053
-90.00	-20.00	0.00052	-90.00	-25.00	0.00051
-90.00	-30.00	0.00050	-90.00	-40.00	0.00046
-90.00	-50.00	0.00042	-90.00	-60.00	0.00037
-90.00	-70.00	0.00033	-90.00	-80.00	0.00030
-90.00	-90.00	0.00027	-90.00	-100.00	0.00025
-80.00	100.00	0.00040	-80.00	90.00	0.00046
-80.00	80.00	0.00054	-80.00	70.00	0.00063
-80.00	60.00	0.00074	-80.00	50.00	0.00086
-80.00	40.00	0.00097	-80.00	30.00	0.00107
-80.00	25.00	0.00110	-80.00	20.00	0.00111
-80.00	17.00	0.00110	-80.00	15.00	0.00108
-80.00	13.00	0.00106	-80.00	11.00	0.00103
-80.00	9.00	0.00100	-80.00	-9.00	0.00068
-80.00	-11.00	0.00066	-80.00	-13.00	0.00064
-80.00	-15.00	0.00064	-80.00	-17.00	0.00063
-80.00	-20.00	0.00062	-80.00	-25.00	0.00060
-80.00	-30.00	0.00058	-80.00	-40.00	0.00053
-80.00	-50.00	0.00047	-80.00	-60.00	0.00042
-80.00	-70.00	0.00037	-80.00	-80.00	0.00033
-80.00	-90.00	0.00030	-80.00	-100.00	0.00028
-70.00	100.00	0.00039	-70.00	90.00	0.00047

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00056	-70.00	70.00	0.00066
-70.00	60.00	0.00079	-70.00	50.00	0.00095
-70.00	40.00	0.00112	-70.00	30.00	0.00128
-70.00	25.00	0.00134	-70.00	20.00	0.00138
-70.00	17.00	0.00138	-70.00	15.00	0.00137
-70.00	13.00	0.00135	-70.00	11.00	0.00132
-70.00	9.00	0.00128	-70.00	-9.00	0.00081
-70.00	-11.00	0.00079	-70.00	-13.00	0.00077
-70.00	-15.00	0.00076	-70.00	-17.00	0.00075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00073	-70.00	-25.00	0.00070
-70.00	-30.00	0.00067	-70.00	-40.00	0.00060
-70.00	-50.00	0.00053	-70.00	-60.00	0.00047
-70.00	-70.00	0.00042	-70.00	-80.00	0.00038
-70.00	-90.00	0.00034	-70.00	-100.00	0.00031
-60.00	100.00	0.00038	-60.00	90.00	0.00046
-60.00	80.00	0.00055	-60.00	70.00	0.00067
-60.00	60.00	0.00082	-60.00	50.00	0.00101
-60.00	40.00	0.00124	-60.00	30.00	0.00150
-60.00	25.00	0.00162	-60.00	20.00	0.00171
-60.00	17.00	0.00175	-60.00	15.00	0.00176
-60.00	13.00	0.00175	-60.00	11.00	0.00173
-60.00	9.00	0.00169	-60.00	-9.00	0.00098
-60.00	-11.00	0.00095	-60.00	-13.00	0.00093
-60.00	-15.00	0.00091	-60.00	-17.00	0.00089
-60.00	-20.00	0.00086	-60.00	-25.00	0.00082
-60.00	-30.00	0.00078	-60.00	-40.00	0.00070
-60.00	-50.00	0.00062	-60.00	-60.00	0.00055
-60.00	-70.00	0.00048	-60.00	-80.00	0.00043
-60.00	-90.00	0.00039	-60.00	-100.00	0.00035
-50.00	100.00	0.00037	-50.00	90.00	0.00044
-50.00	80.00	0.00054	-50.00	70.00	0.00066
-50.00	60.00	0.00082	-50.00	50.00	0.00103
-50.00	40.00	0.00129	-50.00	30.00	0.00163
-50.00	25.00	0.00182	-50.00	20.00	0.00201



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00212	-50.00	15.00	0.00218
-50.00	13.00	0.00224	-50.00	11.00	0.00228
-50.00	9.00	0.00230	-50.00	-9.00	0.00121
-50.00	-11.00	0.00117	-50.00	-13.00	0.00113
-50.00	-15.00	0.00110	-50.00	-17.00	0.00108
-50.00	-20.00	0.00104	-50.00	-25.00	0.00099
-50.00	-30.00	0.00094	-50.00	-40.00	0.00084
-50.00	-50.00	0.00074	-50.00	-60.00	0.00065
-50.00	-70.00	0.00057	-50.00	-80.00	0.00050
-50.00	-90.00	0.00045	-50.00	-100.00	0.00040
-40.00	100.00	0.00034	-40.00	90.00	0.00042
-40.00	80.00	0.00051	-40.00	70.00	0.00064
-40.00	60.00	0.00080	-40.00	50.00	0.00101
-40.00	40.00	0.00130	-40.00	30.00	0.00166
-40.00	25.00	0.00189	-40.00	20.00	0.00212

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00226	-40.00	15.00	0.00235
-40.00	13.00	0.00244	-40.00	11.00	0.00255
-40.00	9.00	0.00266	-40.00	-9.00	0.00229
-40.00	-11.00	0.00201	-40.00	-13.00	0.00183
-40.00	-15.00	0.00172	-40.00	-17.00	0.00163
-40.00	-20.00	0.00153	-40.00	-25.00	0.00140
-40.00	-30.00	0.00130	-40.00	-40.00	0.00111
-40.00	-50.00	0.00095	-40.00	-60.00	0.00081
-40.00	-70.00	0.00070	-40.00	-80.00	0.00061
-40.00	-90.00	0.00054	-40.00	-100.00	0.00048
-30.00	100.00	0.00031	-30.00	90.00	0.00038
-30.00	80.00	0.00048	-30.00	70.00	0.00060
-30.00	60.00	0.00076	-30.00	50.00	0.00098
-30.00	40.00	0.00127	-30.00	30.00	0.00165
-30.00	25.00	0.00190	-30.00	20.00	0.00217
-30.00	17.00	0.00233	-30.00	15.00	0.00245
-30.00	13.00	0.00256	-30.00	11.00	0.00270
-30.00	9.00	0.00287	-30.00	-9.00	0.00485
-30.00	-11.00	0.00427	-30.00	-13.00	0.00379

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00341	-30.00	-17.00	0.00309
-30.00	-20.00	0.00271	-30.00	-25.00	0.00227
-30.00	-30.00	0.00196	-30.00	-40.00	0.00154
-30.00	-50.00	0.00126	-30.00	-60.00	0.00105
-30.00	-70.00	0.00089	-30.00	-80.00	0.00076
-30.00	-90.00	0.00066	-30.00	-100.00	0.00058
-20.00	100.00	0.00028	-20.00	90.00	0.00034
-20.00	80.00	0.00043	-20.00	70.00	0.00055
-20.00	60.00	0.00070	-20.00	50.00	0.00092
-20.00	40.00	0.00121	-20.00	30.00	0.00162
-20.00	25.00	0.00187	-20.00	20.00	0.00217
-20.00	17.00	0.00237	-20.00	15.00	0.00252
-20.00	13.00	0.00268	-20.00	11.00	0.00287
-20.00	9.00	0.00312	-20.00	-9.00	0.00663
-20.00	-11.00	0.00610	-20.00	-13.00	0.00563
-20.00	-15.00	0.00519	-20.00	-17.00	0.00479
-20.00	-20.00	0.00426	-20.00	-25.00	0.00353
-20.00	-30.00	0.00296	-20.00	-40.00	0.00219
-20.00	-50.00	0.00169	-20.00	-60.00	0.00135
-20.00	-70.00	0.00111	-20.00	-80.00	0.00094
-20.00	-90.00	0.00080	-20.00	-100.00	0.00069

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00025	-10.00	90.00	0.00030
-10.00	80.00	0.00038	-10.00	70.00	0.00049
-10.00	60.00	0.00064	-10.00	50.00	0.00085
-10.00	40.00	0.00114	-10.00	30.00	0.00155
-10.00	25.00	0.00182	-10.00	20.00	0.00214
-10.00	17.00	0.00238	-10.00	15.00	0.00256
-10.00	13.00	0.00277	-10.00	11.00	0.00301
-10.00	9.00	0.00332	-10.00	-9.00	0.00772
-10.00	-11.00	0.00727	-10.00	-13.00	0.00685
-10.00	-15.00	0.00645	-10.00	-17.00	0.00607
-10.00	-20.00	0.00553	-10.00	-25.00	0.00471
-10.00	-30.00	0.00400	-10.00	-40.00	0.00294
-10.00	-50.00	0.00223	-10.00	-60.00	0.00174

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00139	-10.00	-80.00	0.00114
-10.00	-90.00	0.00095	-10.00	-100.00	0.00081
0.00	100.00	0.00022	0.00	90.00	0.00027
0.00	80.00	0.00033	0.00	70.00	0.00043
0.00	60.00	0.00056	0.00	50.00	0.00075
0.00	40.00	0.00103	0.00	30.00	0.00144
0.00	25.00	0.00172	0.00	20.00	0.00208
0.00	17.00	0.00235	0.00	15.00	0.00255
0.00	13.00	0.00279	0.00	11.00	0.00307
0.00	9.00	0.00343	0.00	-9.00	0.00840
0.00	-11.00	0.00799	0.00	-13.00	0.00762
0.00	-15.00	0.00726	0.00	-17.00	0.00691
0.00	-20.00	0.00641	0.00	-25.00	0.00560
0.00	-30.00	0.00487	0.00	-40.00	0.00367
0.00	-50.00	0.00280	0.00	-60.00	0.00217
0.00	-70.00	0.00172	0.00	-80.00	0.00138
0.00	-90.00	0.00114	0.00	-100.00	0.00095
10.00	100.00	0.00019	10.00	90.00	0.00023
10.00	80.00	0.00029	10.00	70.00	0.00037
10.00	60.00	0.00048	10.00	50.00	0.00064
10.00	40.00	0.00089	10.00	30.00	0.00129
10.00	25.00	0.00158	10.00	20.00	0.00196
10.00	17.00	0.00225	10.00	15.00	0.00247
10.00	13.00	0.00273	10.00	11.00	0.00304
10.00	9.00	0.00342	10.00	-9.00	0.00884
10.00	-11.00	0.00845	10.00	-13.00	0.00811
10.00	-15.00	0.00778	10.00	-17.00	0.00746

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 73

CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00698	10.00	-25.00	0.00623
10.00	-30.00	0.00552	10.00	-40.00	0.00429
10.00	-50.00	0.00332	10.00	-60.00	0.00259
10.00	-70.00	0.00204	10.00	-80.00	0.00164
10.00	-90.00	0.00133	10.00	-100.00	0.00110
20.00	100.00	0.00017	20.00	90.00	0.00021
20.00	80.00	0.00025	20.00	70.00	0.00031

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00040	20.00	50.00	0.00053
20.00	40.00	0.00074	20.00	30.00	0.00110
20.00	25.00	0.00138	20.00	20.00	0.00176
20.00	17.00	0.00205	20.00	15.00	0.00229
20.00	13.00	0.00256	20.00	11.00	0.00288
20.00	9.00	0.00329	20.00	-9.00	0.00909
20.00	-11.00	0.00871	20.00	-13.00	0.00840
20.00	-15.00	0.00809	20.00	-17.00	0.00779
20.00	-20.00	0.00735	20.00	-25.00	0.00664
20.00	-30.00	0.00598	20.00	-40.00	0.00476
20.00	-50.00	0.00375	20.00	-60.00	0.00296
20.00	-70.00	0.00235	20.00	-80.00	0.00189
20.00	-90.00	0.00154	20.00	-100.00	0.00127
30.00	100.00	0.00016	30.00	90.00	0.00018
30.00	80.00	0.00022	30.00	70.00	0.00027
30.00	60.00	0.00034	30.00	50.00	0.00044
30.00	40.00	0.00060	30.00	30.00	0.00089
30.00	25.00	0.00112	30.00	20.00	0.00147
30.00	17.00	0.00174	30.00	15.00	0.00197
30.00	13.00	0.00224	30.00	11.00	0.00257
30.00	9.00	0.00299	30.00	-9.00	0.00919
30.00	-11.00	0.00883	30.00	-13.00	0.00853
30.00	-15.00	0.00826	30.00	-17.00	0.00799
30.00	-20.00	0.00758	30.00	-25.00	0.00691
30.00	-30.00	0.00627	30.00	-40.00	0.00509
30.00	-50.00	0.00408	30.00	-60.00	0.00326
30.00	-70.00	0.00262	30.00	-80.00	0.00212
30.00	-90.00	0.00173	30.00	-100.00	0.00143
40.00	100.00	0.00014	40.00	90.00	0.00017
40.00	80.00	0.00020	40.00	70.00	0.00024
40.00	60.00	0.00030	40.00	50.00	0.00038
40.00	40.00	0.00051	40.00	30.00	0.00074
40.00	25.00	0.00093	40.00	20.00	0.00119

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00141	40.00	15.00	0.00159

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00181	40.00	11.00	0.00209
40.00	9.00	0.00247	40.00	-9.00	0.00918
40.00	-11.00	0.00885	40.00	-13.00	0.00854
40.00	-15.00	0.00829	40.00	-17.00	0.00804
40.00	-20.00	0.00766	40.00	-25.00	0.00702
40.00	-30.00	0.00640	40.00	-40.00	0.00527
40.00	-50.00	0.00429	40.00	-60.00	0.00348
40.00	-70.00	0.00282	40.00	-80.00	0.00230
40.00	-90.00	0.00189	40.00	-100.00	0.00157
50.00	100.00	0.00013	50.00	90.00	0.00015
50.00	80.00	0.00018	50.00	70.00	0.00022
50.00	60.00	0.00027	50.00	50.00	0.00034
50.00	40.00	0.00047	50.00	30.00	0.00068
50.00	25.00	0.00084	50.00	20.00	0.00108
50.00	17.00	0.00127	50.00	15.00	0.00143
50.00	13.00	0.00162	50.00	11.00	0.00186
50.00	9.00	0.00216	50.00	-9.00	0.00818
50.00	-11.00	0.00816	50.00	-13.00	0.00802
50.00	-15.00	0.00784	50.00	-17.00	0.00766
50.00	-20.00	0.00736	50.00	-25.00	0.00682
50.00	-30.00	0.00627	50.00	-40.00	0.00525
50.00	-50.00	0.00434	50.00	-60.00	0.00357
50.00	-70.00	0.00294	50.00	-80.00	0.00242
50.00	-90.00	0.00201	50.00	-100.00	0.00167
60.00	100.00	0.00012	60.00	90.00	0.00014
60.00	80.00	0.00017	60.00	70.00	0.00020
60.00	60.00	0.00025	60.00	50.00	0.00032
60.00	40.00	0.00044	60.00	30.00	0.00064
60.00	25.00	0.00079	60.00	20.00	0.00100
60.00	17.00	0.00118	60.00	15.00	0.00132
60.00	13.00	0.00150	60.00	11.00	0.00171
60.00	9.00	0.00196	60.00	-9.00	0.00565
60.00	-11.00	0.00594	60.00	-13.00	0.00614
60.00	-15.00	0.00628	60.00	-17.00	0.00633
60.00	-20.00	0.00632	60.00	-25.00	0.00611
60.00	-30.00	0.00577	60.00	-40.00	0.00500
60.00	-50.00	0.00423	60.00	-60.00	0.00355
60.00	-70.00	0.00297	60.00	-80.00	0.00248
60.00	-90.00	0.00207	60.00	-100.00	0.00175

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00012	70.00	90.00	0.00014
70.00	80.00	0.00016	70.00	70.00	0.00019
70.00	60.00	0.00024	70.00	50.00	0.00030
70.00	40.00	0.00041	70.00	30.00	0.00059
70.00	25.00	0.00074	70.00	20.00	0.00093
70.00	17.00	0.00109	70.00	15.00	0.00121
70.00	13.00	0.00134	70.00	11.00	0.00150
70.00	9.00	0.00168	70.00	-9.00	0.00392
70.00	-11.00	0.00415	70.00	-13.00	0.00436
70.00	-15.00	0.00454	70.00	-17.00	0.00469
70.00	-20.00	0.00485	70.00	-25.00	0.00495
70.00	-30.00	0.00488	70.00	-40.00	0.00449
70.00	-50.00	0.00396	70.00	-60.00	0.00341
70.00	-70.00	0.00291	70.00	-80.00	0.00248
70.00	-90.00	0.00210	70.00	-100.00	0.00179
80.00	100.00	0.00011	80.00	90.00	0.00013
80.00	80.00	0.00015	80.00	70.00	0.00018
80.00	60.00	0.00022	80.00	50.00	0.00029
80.00	40.00	0.00039	80.00	30.00	0.00056
80.00	25.00	0.00069	80.00	20.00	0.00085
80.00	17.00	0.00098	80.00	15.00	0.00107
80.00	13.00	0.00117	80.00	11.00	0.00128
80.00	9.00	0.00141	80.00	-9.00	0.00285
80.00	-11.00	0.00301	80.00	-13.00	0.00317
80.00	-15.00	0.00331	80.00	-17.00	0.00344
80.00	-20.00	0.00361	80.00	-25.00	0.00381
80.00	-30.00	0.00391	80.00	-40.00	0.00383
80.00	-50.00	0.00354	80.00	-60.00	0.00316
80.00	-70.00	0.00278	80.00	-80.00	0.00241
80.00	-90.00	0.00208	80.00	-100.00	0.00179
90.00	100.00	0.00010	90.00	90.00	0.00012
90.00	80.00	0.00014	90.00	70.00	0.00017
90.00	60.00	0.00021	90.00	50.00	0.00027
90.00	40.00	0.00037	90.00	30.00	0.00053
90.00	25.00	0.00064	90.00	20.00	0.00077
90.00	17.00	0.00087	90.00	15.00	0.00094
90.00	13.00	0.00101	90.00	11.00	0.00109
90.00	9.00	0.00118	90.00	-9.00	0.00216
90.00	-11.00	0.00228	90.00	-13.00	0.00239

90.00 -15.00 0.00249 90.00 -17.00 0.00260

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00274	90.00	-25.00	0.00293
90.00	-30.00	0.00307	90.00	-40.00	0.00316
90.00	-50.00	0.00305	90.00	-60.00	0.00283
90.00	-70.00	0.00256	90.00	-80.00	0.00228
90.00	-90.00	0.00201	90.00	-100.00	0.00177
100.00	100.00	0.00010	100.00	90.00	0.00011
100.00	80.00	0.00013	100.00	70.00	0.00016
100.00	60.00	0.00020	100.00	50.00	0.00026
100.00	40.00	0.00035	100.00	30.00	0.00049
100.00	25.00	0.00058	100.00	20.00	0.00069
100.00	17.00	0.00076	100.00	15.00	0.00081
100.00	13.00	0.00087	100.00	11.00	0.00093
100.00	9.00	0.00100	100.00	-9.00	0.00170
100.00	-11.00	0.00178	100.00	-13.00	0.00186
100.00	-15.00	0.00194	100.00	-17.00	0.00201
100.00	-20.00	0.00212	100.00	-25.00	0.00229
100.00	-30.00	0.00242	100.00	-40.00	0.00257
100.00	-50.00	0.00258	100.00	-60.00	0.00248
100.00	-70.00	0.00231	100.00	-80.00	0.00211
100.00	-90.00	0.00190	100.00	-100.00	0.00170
110.00	100.00	0.00009	110.00	90.00	0.00011
110.00	80.00	0.00013	110.00	70.00	0.00015
110.00	60.00	0.00019	110.00	50.00	0.00025
110.00	40.00	0.00034	110.00	30.00	0.00045
110.00	25.00	0.00053	110.00	20.00	0.00061
110.00	17.00	0.00067	110.00	15.00	0.00071
110.00	13.00	0.00076	110.00	11.00	0.00080
110.00	9.00	0.00085	110.00	-9.00	0.00137
110.00	-11.00	0.00143	110.00	-13.00	0.00149
110.00	-15.00	0.00154	110.00	-17.00	0.00160
110.00	-20.00	0.00169	110.00	-25.00	0.00182
110.00	-30.00	0.00194	110.00	-40.00	0.00210
110.00	-50.00	0.00216	110.00	-60.00	0.00214

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00205	110.00	-80.00	0.00192
110.00	-90.00	0.00177	110.00	-100.00	0.00161
120.00	100.00	0.00009	120.00	90.00	0.00010
120.00	80.00	0.00012	120.00	70.00	0.00015
120.00	60.00	0.00019	120.00	50.00	0.00024
120.00	40.00	0.00032	120.00	30.00	0.00042
120.00	25.00	0.00048	120.00	20.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00059	120.00	15.00	0.00063
120.00	13.00	0.00066	120.00	11.00	0.00070
120.00	9.00	0.00074	120.00	-9.00	0.00113
120.00	-11.00	0.00117	120.00	-13.00	0.00122
120.00	-15.00	0.00126	120.00	-17.00	0.00130
120.00	-20.00	0.00137	120.00	-25.00	0.00148
120.00	-30.00	0.00157	120.00	-40.00	0.00172
120.00	-50.00	0.00181	120.00	-60.00	0.00183
120.00	-70.00	0.00180	120.00	-80.00	0.00172
120.00	-90.00	0.00161	120.00	-100.00	0.00150
130.00	100.00	0.00008	130.00	90.00	0.00010
130.00	80.00	0.00012	130.00	70.00	0.00014
130.00	60.00	0.00018	130.00	50.00	0.00023
130.00	40.00	0.00030	130.00	30.00	0.00038
130.00	25.00	0.00043	130.00	20.00	0.00049
130.00	17.00	0.00053	130.00	15.00	0.00055
130.00	13.00	0.00058	130.00	11.00	0.00061
130.00	9.00	0.00064	130.00	-9.00	0.00095
130.00	-11.00	0.00098	130.00	-13.00	0.00101
130.00	-15.00	0.00105	130.00	-17.00	0.00108
130.00	-20.00	0.00113	130.00	-25.00	0.00122
130.00	-30.00	0.00130	130.00	-40.00	0.00143
130.00	-50.00	0.00152	130.00	-60.00	0.00157
130.00	-70.00	0.00157	130.00	-80.00	0.00153
130.00	-90.00	0.00146	130.00	-100.00	0.00138
140.00	100.00	0.00008	140.00	90.00	0.00010
140.00	80.00	0.00011	140.00	70.00	0.00014



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00018	140.00	50.00	0.00022
140.00	40.00	0.00028	140.00	30.00	0.00035
140.00	25.00	0.00039	140.00	20.00	0.00044
140.00	17.00	0.00047	140.00	15.00	0.00049
140.00	13.00	0.00051	140.00	11.00	0.00054
140.00	9.00	0.00056	140.00	-9.00	0.00081
140.00	-11.00	0.00083	140.00	-13.00	0.00086
140.00	-15.00	0.00089	140.00	-17.00	0.00091
140.00	-20.00	0.00095	140.00	-25.00	0.00102
140.00	-30.00	0.00109	140.00	-40.00	0.00120
140.00	-50.00	0.00129	140.00	-60.00	0.00134
140.00	-70.00	0.00137	140.00	-80.00	0.00135
140.00	-90.00	0.00132	140.00	-100.00	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00008	150.00	90.00	0.00009
150.00	80.00	0.00011	150.00	70.00	0.00014
150.00	60.00	0.00017	150.00	50.00	0.00021
150.00	40.00	0.00026	150.00	30.00	0.00032
150.00	25.00	0.00036	150.00	20.00	0.00039
150.00	17.00	0.00042	150.00	15.00	0.00044
150.00	13.00	0.00046	150.00	11.00	0.00048
150.00	9.00	0.00050	150.00	-9.00	0.00069
150.00	-11.00	0.00072	150.00	-13.00	0.00074
150.00	-15.00	0.00076	150.00	-17.00	0.00078
150.00	-20.00	0.00081	150.00	-25.00	0.00087
150.00	-30.00	0.00092	150.00	-40.00	0.00102
150.00	-50.00	0.00110	150.00	-60.00	0.00116
150.00	-70.00	0.00119	150.00	-80.00	0.00120
150.00	-90.00	0.00118	150.00	-100.00	0.00114
160.00	100.00	0.00008	160.00	90.00	0.00009
160.00	80.00	0.00011	160.00	70.00	0.00013
160.00	60.00	0.00016	160.00	50.00	0.00020
160.00	40.00	0.00024	160.00	30.00	0.00029
160.00	25.00	0.00032	160.00	20.00	0.00036
160.00	17.00	0.00038	160.00	15.00	0.00040

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00041	160.00	11.00	0.00043
160.00	9.00	0.00044	160.00	-9.00	0.00060
160.00	-11.00	0.00062	160.00	-13.00	0.00064
160.00	-15.00	0.00066	160.00	-17.00	0.00068
160.00	-20.00	0.00070	160.00	-25.00	0.00075
160.00	-30.00	0.00079	160.00	-40.00	0.00088
160.00	-50.00	0.00095	160.00	-60.00	0.00100
160.00	-70.00	0.00104	160.00	-80.00	0.00106
160.00	-90.00	0.00105	160.00	-100.00	0.00104
170.00	100.00	0.00008	170.00	90.00	0.00009
170.00	80.00	0.00011	170.00	70.00	0.00013
170.00	60.00	0.00016	170.00	50.00	0.00019
170.00	40.00	0.00023	170.00	30.00	0.00027
170.00	25.00	0.00030	170.00	20.00	0.00033
170.00	17.00	0.00034	170.00	15.00	0.00036
170.00	13.00	0.00037	170.00	11.00	0.00038
170.00	9.00	0.00040	170.00	-9.00	0.00053
170.00	-11.00	0.00055	170.00	-13.00	0.00056
170.00	-15.00	0.00058	170.00	-17.00	0.00059

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00061	170.00	-25.00	0.00065
170.00	-30.00	0.00069	170.00	-40.00	0.00076
170.00	-50.00	0.00082	170.00	-60.00	0.00088
170.00	-70.00	0.00091	170.00	-80.00	0.00093
170.00	-90.00	0.00094	170.00	-100.00	0.00093
180.00	100.00	0.00007	180.00	90.00	0.00009
180.00	80.00	0.00010	180.00	70.00	0.00013
180.00	60.00	0.00015	180.00	50.00	0.00018
180.00	40.00	0.00021	180.00	30.00	0.00025
180.00	25.00	0.00027	180.00	20.00	0.00030
180.00	17.00	0.00031	180.00	15.00	0.00032
180.00	13.00	0.00034	180.00	11.00	0.00035
180.00	9.00	0.00036	180.00	-9.00	0.00047
180.00	-11.00	0.00048	180.00	-13.00	0.00050
180.00	-15.00	0.00051	180.00	-17.00	0.00052

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00054	180.00	-25.00	0.00057
180.00	-30.00	0.00060	180.00	-40.00	0.00066
180.00	-50.00	0.00072	180.00	-60.00	0.00077
180.00	-70.00	0.00080	180.00	-80.00	0.00083
180.00	-90.00	0.00084	180.00	-100.00	0.00084
190.00	100.00	0.00007	190.00	90.00	0.00009
190.00	80.00	0.00010	190.00	70.00	0.00012
190.00	60.00	0.00014	190.00	50.00	0.00017
190.00	40.00	0.00020	190.00	30.00	0.00023
190.00	25.00	0.00025	190.00	20.00	0.00027
190.00	17.00	0.00029	190.00	15.00	0.00030
190.00	13.00	0.00031	190.00	11.00	0.00032
190.00	9.00	0.00033	190.00	-9.00	0.00042
190.00	-11.00	0.00043	190.00	-13.00	0.00044
190.00	-15.00	0.00045	190.00	-17.00	0.00046
190.00	-20.00	0.00048	190.00	-25.00	0.00050
190.00	-30.00	0.00053	190.00	-40.00	0.00059
190.00	-50.00	0.00064	190.00	-60.00	0.00068
190.00	-70.00	0.00071	190.00	-80.00	0.00074
190.00	-90.00	0.00075	190.00	-100.00	0.00076
200.00	100.00	0.00007	200.00	90.00	0.00008
200.00	80.00	0.00010	200.00	70.00	0.00012
200.00	60.00	0.00014	200.00	50.00	0.00016
200.00	40.00	0.00018	200.00	30.00	0.00021
200.00	25.00	0.00023	200.00	20.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00026	200.00	15.00	0.00027
200.00	13.00	0.00028	200.00	11.00	0.00029
200.00	9.00	0.00030	200.00	-9.00	0.00038
200.00	-11.00	0.00039	200.00	-13.00	0.00040
200.00	-15.00	0.00041	200.00	-17.00	0.00041
200.00	-20.00	0.00043	200.00	-25.00	0.00045
200.00	-30.00	0.00047	200.00	-40.00	0.00052
200.00	-50.00	0.00056	200.00	-60.00	0.00060
200.00	-70.00	0.00063	200.00	-80.00	0.00066

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00068	200.00	-100.00	0.00069
210.00	100.00	0.00007	210.00	90.00	0.00008
210.00	80.00	0.00010	210.00	70.00	0.00011
210.00	60.00	0.00013	210.00	50.00	0.00015
210.00	40.00	0.00017	210.00	30.00	0.00020
210.00	25.00	0.00021	210.00	20.00	0.00023
210.00	17.00	0.00024	210.00	15.00	0.00025
210.00	13.00	0.00026	210.00	11.00	0.00026
210.00	9.00	0.00027	210.00	-9.00	0.00034
210.00	-11.00	0.00035	210.00	-13.00	0.00036
210.00	-15.00	0.00037	210.00	-17.00	0.00037
210.00	-20.00	0.00038	210.00	-25.00	0.00040
210.00	-30.00	0.00042	210.00	-40.00	0.00046
210.00	-50.00	0.00050	210.00	-60.00	0.00054
210.00	-70.00	0.00057	210.00	-80.00	0.00059
210.00	-90.00	0.00061	210.00	-100.00	0.00062
220.00	100.00	0.00007	220.00	90.00	0.00008
220.00	80.00	0.00009	220.00	70.00	0.00011
220.00	60.00	0.00012	220.00	50.00	0.00014
220.00	40.00	0.00016	220.00	30.00	0.00019
220.00	25.00	0.00020	220.00	20.00	0.00021
220.00	17.00	0.00022	220.00	15.00	0.00023
220.00	13.00	0.00024	220.00	11.00	0.00024
220.00	9.00	0.00025	220.00	-9.00	0.00031
220.00	-11.00	0.00032	220.00	-13.00	0.00032
220.00	-15.00	0.00033	220.00	-17.00	0.00034
220.00	-20.00	0.00035	220.00	-25.00	0.00036
220.00	-30.00	0.00038	220.00	-40.00	0.00042
220.00	-50.00	0.00045	220.00	-60.00	0.00048
220.00	-70.00	0.00051	220.00	-80.00	0.00053
220.00	-90.00	0.00055	220.00	-100.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00007	230.00	90.00	0.00008
230.00	80.00	0.00009	230.00	70.00	0.00010
230.00	60.00	0.00012	230.00	50.00	0.00013

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00015	230.00	30.00	0.00017
230.00	25.00	0.00019	230.00	20.00	0.00020
230.00	17.00	0.00021	230.00	15.00	0.00021
230.00	13.00	0.00022	230.00	11.00	0.00022
230.00	9.00	0.00023	230.00	-9.00	0.00028
230.00	-11.00	0.00029	230.00	-13.00	0.00030
230.00	-15.00	0.00030	230.00	-17.00	0.00031
230.00	-20.00	0.00032	230.00	-25.00	0.00033
230.00	-30.00	0.00035	230.00	-40.00	0.00038
230.00	-50.00	0.00041	230.00	-60.00	0.00043
230.00	-70.00	0.00046	230.00	-80.00	0.00048
230.00	-90.00	0.00050	230.00	-100.00	0.00051
240.00	100.00	0.00007	240.00	90.00	0.00008
240.00	80.00	0.00009	240.00	70.00	0.00010
240.00	60.00	0.00011	240.00	50.00	0.00013
240.00	40.00	0.00014	240.00	30.00	0.00016
240.00	25.00	0.00017	240.00	20.00	0.00018
240.00	17.00	0.00019	240.00	15.00	0.00020
240.00	13.00	0.00020	240.00	11.00	0.00021
240.00	9.00	0.00021	240.00	-9.00	0.00026
240.00	-11.00	0.00027	240.00	-13.00	0.00027
240.00	-15.00	0.00028	240.00	-17.00	0.00028
240.00	-20.00	0.00029	240.00	-25.00	0.00030
240.00	-30.00	0.00031	240.00	-40.00	0.00034
240.00	-50.00	0.00037	240.00	-60.00	0.00039
240.00	-70.00	0.00042	240.00	-80.00	0.00044
240.00	-90.00	0.00045	240.00	-100.00	0.00047
250.00	100.00	0.00006	250.00	90.00	0.00007
250.00	80.00	0.00008	250.00	70.00	0.00009
250.00	60.00	0.00011	250.00	50.00	0.00012
250.00	40.00	0.00013	250.00	30.00	0.00015
250.00	25.00	0.00016	250.00	20.00	0.00017
250.00	17.00	0.00018	250.00	15.00	0.00018
250.00	13.00	0.00019	250.00	11.00	0.00019
250.00	9.00	0.00020	250.00	-9.00	0.00024
250.00	-11.00	0.00024	250.00	-13.00	0.00025
250.00	-15.00	0.00025	250.00	-17.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00021	-240.00	-40.00	0.00021
-240.00	-50.00	0.00021	-240.00	-60.00	0.00020
-240.00	-70.00	0.00019	-240.00	-80.00	0.00018
-240.00	-90.00	0.00017	-240.00	-100.00	0.00016
-230.00	100.00	0.00029	-230.00	90.00	0.00031
-230.00	80.00	0.00034	-230.00	70.00	0.00036
-230.00	60.00	0.00038	-230.00	50.00	0.00040
-230.00	40.00	0.00041	-230.00	30.00	0.00040
-230.00	25.00	0.00039	-230.00	20.00	0.00037
-230.00	17.00	0.00036	-230.00	15.00	0.00036
-230.00	13.00	0.00035	-230.00	11.00	0.00035
-230.00	9.00	0.00034	-230.00	-9.00	0.00028
-230.00	-11.00	0.00028	-230.00	-13.00	0.00027
-230.00	-15.00	0.00027	-230.00	-17.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00025	-230.00	-25.00	0.00025
-230.00	-30.00	0.00024	-230.00	-40.00	0.00024
-230.00	-50.00	0.00023	-230.00	-60.00	0.00023
-230.00	-70.00	0.00021	-230.00	-80.00	0.00020
-230.00	-90.00	0.00018	-230.00	-100.00	0.00017
-220.00	100.00	0.00031	-220.00	90.00	0.00034
-220.00	80.00	0.00037	-220.00	70.00	0.00040
-220.00	60.00	0.00043	-220.00	50.00	0.00045
-220.00	40.00	0.00047	-220.00	30.00	0.00046
-220.00	25.00	0.00045	-220.00	20.00	0.00043
-220.00	17.00	0.00042	-220.00	15.00	0.00042
-220.00	13.00	0.00041	-220.00	11.00	0.00040
-220.00	9.00	0.00039	-220.00	-9.00	0.00032
-220.00	-11.00	0.00031	-220.00	-13.00	0.00031
-220.00	-15.00	0.00030	-220.00	-17.00	0.00029
-220.00	-20.00	0.00029	-220.00	-25.00	0.00028
-220.00	-30.00	0.00027	-220.00	-40.00	0.00027
-220.00	-50.00	0.00026	-220.00	-60.00	0.00025
-220.00	-70.00	0.00023	-220.00	-80.00	0.00021
-220.00	-90.00	0.00020	-220.00	-100.00	0.00018

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00034	-210.00	90.00	0.00037
-210.00	80.00	0.00040	-210.00	70.00	0.00044
-210.00	60.00	0.00048	-210.00	50.00	0.00051
-210.00	40.00	0.00054	-210.00	30.00	0.00054
-210.00	25.00	0.00053	-210.00	20.00	0.00051
-210.00	17.00	0.00050	-210.00	15.00	0.00049
-210.00	13.00	0.00048	-210.00	11.00	0.00047
-210.00	9.00	0.00046	-210.00	-9.00	0.00037
-210.00	-11.00	0.00036	-210.00	-13.00	0.00035
-210.00	-15.00	0.00034	-210.00	-17.00	0.00033
-210.00	-20.00	0.00033	-210.00	-25.00	0.00032
-210.00	-30.00	0.00031	-210.00	-40.00	0.00031
-210.00	-50.00	0.00030	-210.00	-60.00	0.00028
-210.00	-70.00	0.00026	-210.00	-80.00	0.00023
-210.00	-90.00	0.00021	-210.00	-100.00	0.00019
-200.00	100.00	0.00036	-200.00	90.00	0.00040
-200.00	80.00	0.00044	-200.00	70.00	0.00049
-200.00	60.00	0.00054	-200.00	50.00	0.00058
-200.00	40.00	0.00062	-200.00	30.00	0.00064
-200.00	25.00	0.00063	-200.00	20.00	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00059	-200.00	15.00	0.00058
-200.00	13.00	0.00057	-200.00	11.00	0.00056
-200.00	9.00	0.00054	-200.00	-9.00	0.00042
-200.00	-11.00	0.00041	-200.00	-13.00	0.00040
-200.00	-15.00	0.00039	-200.00	-17.00	0.00038
-200.00	-20.00	0.00038	-200.00	-25.00	0.00037
-200.00	-30.00	0.00037	-200.00	-40.00	0.00036
-200.00	-50.00	0.00033	-200.00	-60.00	0.00031
-200.00	-70.00	0.00028	-200.00	-80.00	0.00025
-200.00	-90.00	0.00023	-200.00	-100.00	0.00021
-190.00	100.00	0.00038	-190.00	90.00	0.00043
-190.00	80.00	0.00048	-190.00	70.00	0.00054
-190.00	60.00	0.00060	-190.00	50.00	0.00066
-190.00	40.00	0.00072	-190.00	30.00	0.00075



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00075	-190.00	20.00	0.00074
-190.00	17.00	0.00072	-190.00	15.00	0.00071
-190.00	13.00	0.00069	-190.00	11.00	0.00067
-190.00	9.00	0.00065	-190.00	-9.00	0.00049
-190.00	-11.00	0.00048	-190.00	-13.00	0.00046
-190.00	-15.00	0.00045	-190.00	-17.00	0.00045
-190.00	-20.00	0.00044	-190.00	-25.00	0.00043
-190.00	-30.00	0.00043	-190.00	-40.00	0.00041
-190.00	-50.00	0.00038	-190.00	-60.00	0.00034
-190.00	-70.00	0.00030	-190.00	-80.00	0.00027
-190.00	-90.00	0.00025	-190.00	-100.00	0.00022
-180.00	100.00	0.00039	-180.00	90.00	0.00045
-180.00	80.00	0.00052	-180.00	70.00	0.00059
-180.00	60.00	0.00067	-180.00	50.00	0.00076
-180.00	40.00	0.00084	-180.00	30.00	0.00089
-180.00	25.00	0.00091	-180.00	20.00	0.00090
-180.00	17.00	0.00088	-180.00	15.00	0.00087
-180.00	13.00	0.00085	-180.00	11.00	0.00083
-180.00	9.00	0.00080	-180.00	-9.00	0.00057
-180.00	-11.00	0.00056	-180.00	-13.00	0.00054
-180.00	-15.00	0.00053	-180.00	-17.00	0.00053
-180.00	-20.00	0.00052	-180.00	-25.00	0.00051
-180.00	-30.00	0.00050	-180.00	-40.00	0.00046
-180.00	-50.00	0.00042	-180.00	-60.00	0.00037
-180.00	-70.00	0.00033	-180.00	-80.00	0.00030
-180.00	-90.00	0.00027	-180.00	-100.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00040	-170.00	90.00	0.00046
-170.00	80.00	0.00054	-170.00	70.00	0.00063
-170.00	60.00	0.00074	-170.00	50.00	0.00086
-170.00	40.00	0.00097	-170.00	30.00	0.00107
-170.00	25.00	0.00110	-170.00	20.00	0.00111
-170.00	17.00	0.00110	-170.00	15.00	0.00108
-170.00	13.00	0.00106	-170.00	11.00	0.00103
-170.00	9.00	0.00100	-170.00	-9.00	0.00068

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00066	-170.00	-13.00	0.00064
-170.00	-15.00	0.00064	-170.00	-17.00	0.00063
-170.00	-20.00	0.00062	-170.00	-25.00	0.00060
-170.00	-30.00	0.00058	-170.00	-40.00	0.00053
-170.00	-50.00	0.00047	-170.00	-60.00	0.00042
-170.00	-70.00	0.00037	-170.00	-80.00	0.00033
-170.00	-90.00	0.00030	-170.00	-100.00	0.00028
-160.00	100.00	0.00039	-160.00	90.00	0.00047
-160.00	80.00	0.00056	-160.00	70.00	0.00066
-160.00	60.00	0.00079	-160.00	50.00	0.00095
-160.00	40.00	0.00112	-160.00	30.00	0.00128
-160.00	25.00	0.00134	-160.00	20.00	0.00138
-160.00	17.00	0.00138	-160.00	15.00	0.00137
-160.00	13.00	0.00135	-160.00	11.00	0.00132
-160.00	9.00	0.00128	-160.00	-9.00	0.00081
-160.00	-11.00	0.00079	-160.00	-13.00	0.00077
-160.00	-15.00	0.00076	-160.00	-17.00	0.00075
-160.00	-20.00	0.00073	-160.00	-25.00	0.00070
-160.00	-30.00	0.00067	-160.00	-40.00	0.00060
-160.00	-50.00	0.00053	-160.00	-60.00	0.00047
-160.00	-70.00	0.00042	-160.00	-80.00	0.00038
-160.00	-90.00	0.00034	-160.00	-100.00	0.00031
-150.00	100.00	0.00038	-150.00	90.00	0.00046
-150.00	80.00	0.00055	-150.00	70.00	0.00067
-150.00	60.00	0.00082	-150.00	50.00	0.00101
-150.00	40.00	0.00124	-150.00	30.00	0.00150
-150.00	25.00	0.00162	-150.00	20.00	0.00171
-150.00	17.00	0.00175	-150.00	15.00	0.00176
-150.00	13.00	0.00175	-150.00	11.00	0.00173
-150.00	9.00	0.00169	-150.00	-9.00	0.00098
-150.00	-11.00	0.00095	-150.00	-13.00	0.00093
-150.00	-15.00	0.00091	-150.00	-17.00	0.00089

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00086	-150.00	-25.00	0.00082
-150.00	-30.00	0.00078	-150.00	-40.00	0.00070

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00062	-150.00	-60.00	0.00055
-150.00	-70.00	0.00048	-150.00	-80.00	0.00043
-150.00	-90.00	0.00039	-150.00	-100.00	0.00035
-140.00	100.00	0.00037	-140.00	90.00	0.00044
-140.00	80.00	0.00054	-140.00	70.00	0.00066
-140.00	60.00	0.00082	-140.00	50.00	0.00103
-140.00	40.00	0.00129	-140.00	30.00	0.00163
-140.00	25.00	0.00182	-140.00	20.00	0.00201
-140.00	17.00	0.00212	-140.00	15.00	0.00218
-140.00	13.00	0.00224	-140.00	11.00	0.00228
-140.00	9.00	0.00230	-140.00	-9.00	0.00121
-140.00	-11.00	0.00117	-140.00	-13.00	0.00113
-140.00	-15.00	0.00110	-140.00	-17.00	0.00108
-140.00	-20.00	0.00104	-140.00	-25.00	0.00099
-140.00	-30.00	0.00094	-140.00	-40.00	0.00084
-140.00	-50.00	0.00074	-140.00	-60.00	0.00065
-140.00	-70.00	0.00057	-140.00	-80.00	0.00050
-140.00	-90.00	0.00045	-140.00	-100.00	0.00040
-130.00	100.00	0.00034	-130.00	90.00	0.00042
-130.00	80.00	0.00051	-130.00	70.00	0.00064
-130.00	60.00	0.00080	-130.00	50.00	0.00101
-130.00	40.00	0.00130	-130.00	30.00	0.00166
-130.00	25.00	0.00189	-130.00	20.00	0.00212
-130.00	17.00	0.00226	-130.00	15.00	0.00235
-130.00	13.00	0.00244	-130.00	11.00	0.00255
-130.00	9.00	0.00266	-130.00	-9.00	0.00229
-130.00	-11.00	0.00201	-130.00	-13.00	0.00183
-130.00	-15.00	0.00172	-130.00	-17.00	0.00163
-130.00	-20.00	0.00153	-130.00	-25.00	0.00140
-130.00	-30.00	0.00130	-130.00	-40.00	0.00111
-130.00	-50.00	0.00095	-130.00	-60.00	0.00081
-130.00	-70.00	0.00070	-130.00	-80.00	0.00061
-130.00	-90.00	0.00054	-130.00	-100.00	0.00048
-120.00	100.00	0.00031	-120.00	90.00	0.00038
-120.00	80.00	0.00048	-120.00	70.00	0.00060
-120.00	60.00	0.00076	-120.00	50.00	0.00098
-120.00	40.00	0.00127	-120.00	30.00	0.00165
-120.00	25.00	0.00190	-120.00	20.00	0.00217

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTS:  
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

09NCRA PL94-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00233	-120.00	15.00	0.00245
-120.00	13.00	0.00256	-120.00	11.00	0.00270
-120.00	9.00	0.00287	-120.00	-9.00	0.00485
-120.00	-11.00	0.00427	-120.00	-13.00	0.00379
-120.00	-15.00	0.00341	-120.00	-17.00	0.00309
-120.00	-20.00	0.00271	-120.00	-25.00	0.00227
-120.00	-30.00	0.00196	-120.00	-40.00	0.00154
-120.00	-50.00	0.00126	-120.00	-60.00	0.00105
-120.00	-70.00	0.00089	-120.00	-80.00	0.00076
-120.00	-90.00	0.00066	-120.00	-100.00	0.00058
-110.00	100.00	0.00028	-110.00	90.00	0.00034
-110.00	80.00	0.00043	-110.00	70.00	0.00055
-110.00	60.00	0.00070	-110.00	50.00	0.00092
-110.00	40.00	0.00121	-110.00	30.00	0.00162
-110.00	25.00	0.00187	-110.00	20.00	0.00217
-110.00	17.00	0.00237	-110.00	15.00	0.00252
-110.00	13.00	0.00268	-110.00	11.00	0.00287
-110.00	9.00	0.00312	-110.00	-9.00	0.00663
-110.00	-11.00	0.00610	-110.00	-13.00	0.00563
-110.00	-15.00	0.00519	-110.00	-17.00	0.00479
-110.00	-20.00	0.00426	-110.00	-25.00	0.00353
-110.00	-30.00	0.00296	-110.00	-40.00	0.00219
-110.00	-50.00	0.00169	-110.00	-60.00	0.00135
-110.00	-70.00	0.00111	-110.00	-80.00	0.00094
-110.00	-90.00	0.00080	-110.00	-100.00	0.00069
-100.00	100.00	0.00025	-100.00	90.00	0.00030
-100.00	80.00	0.00038	-100.00	70.00	0.00049
-100.00	60.00	0.00064	-100.00	50.00	0.00085
-100.00	40.00	0.00114	-100.00	30.00	0.00155
-100.00	25.00	0.00182	-100.00	20.00	0.00214
-100.00	17.00	0.00238	-100.00	15.00	0.00256
-100.00	13.00	0.00277	-100.00	11.00	0.00301
-100.00	9.00	0.00332	-100.00	-9.00	0.00772
-100.00	-11.00	0.00727	-100.00	-13.00	0.00685
-100.00	-15.00	0.00645	-100.00	-17.00	0.00607
-100.00	-20.00	0.00553	-100.00	-25.00	0.00471
-100.00	-30.00	0.00400	-100.00	-40.00	0.00294
-100.00	-50.00	0.00223	-100.00	-60.00	0.00174
-100.00	-70.00	0.00139	-100.00	-80.00	0.00114
-100.00	-90.00	0.00095	-100.00	-100.00	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00022	-90.00	90.00	0.00027
-90.00	80.00	0.00033	-90.00	70.00	0.00043
-90.00	60.00	0.00056	-90.00	50.00	0.00075
-90.00	40.00	0.00103	-90.00	30.00	0.00144
-90.00	25.00	0.00172	-90.00	20.00	0.00208
-90.00	17.00	0.00235	-90.00	15.00	0.00255
-90.00	13.00	0.00279	-90.00	11.00	0.00307
-90.00	9.00	0.00343	-90.00	-9.00	0.00840
-90.00	-11.00	0.00799	-90.00	-13.00	0.00762
-90.00	-15.00	0.00726	-90.00	-17.00	0.00691
-90.00	-20.00	0.00641	-90.00	-25.00	0.00560
-90.00	-30.00	0.00487	-90.00	-40.00	0.00367
-90.00	-50.00	0.00280	-90.00	-60.00	0.00217
-90.00	-70.00	0.00172	-90.00	-80.00	0.00138
-90.00	-90.00	0.00114	-90.00	-100.00	0.00095
-80.00	100.00	0.00019	-80.00	90.00	0.00023
-80.00	80.00	0.00029	-80.00	70.00	0.00037
-80.00	60.00	0.00048	-80.00	50.00	0.00064
-80.00	40.00	0.00089	-80.00	30.00	0.00129
-80.00	25.00	0.00158	-80.00	20.00	0.00196
-80.00	17.00	0.00225	-80.00	15.00	0.00247
-80.00	13.00	0.00273	-80.00	11.00	0.00304
-80.00	9.00	0.00342	-80.00	-9.00	0.00884
-80.00	-11.00	0.00845	-80.00	-13.00	0.00811
-80.00	-15.00	0.00778	-80.00	-17.00	0.00746
-80.00	-20.00	0.00698	-80.00	-25.00	0.00623
-80.00	-30.00	0.00552	-80.00	-40.00	0.00429
-80.00	-50.00	0.00332	-80.00	-60.00	0.00259
-80.00	-70.00	0.00204	-80.00	-80.00	0.00164
-80.00	-90.00	0.00133	-80.00	-100.00	0.00110
-70.00	100.00	0.00017	-70.00	90.00	0.00021
-70.00	80.00	0.00025	-70.00	70.00	0.00031
-70.00	60.00	0.00040	-70.00	50.00	0.00053
-70.00	40.00	0.00074	-70.00	30.00	0.00110

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00138	-70.00	20.00	0.00176
-70.00	17.00	0.00205	-70.00	15.00	0.00229
-70.00	13.00	0.00256	-70.00	11.00	0.00288
-70.00	9.00	0.00329	-70.00	-9.00	0.00909
-70.00	-11.00	0.00871	-70.00	-13.00	0.00840
-70.00	-15.00	0.00809	-70.00	-17.00	0.00779

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00735	-70.00	-25.00	0.00664
-70.00	-30.00	0.00598	-70.00	-40.00	0.00476
-70.00	-50.00	0.00375	-70.00	-60.00	0.00296
-70.00	-70.00	0.00235	-70.00	-80.00	0.00189
-70.00	-90.00	0.00154	-70.00	-100.00	0.00127
-60.00	100.00	0.00016	-60.00	90.00	0.00018
-60.00	80.00	0.00022	-60.00	70.00	0.00027
-60.00	60.00	0.00034	-60.00	50.00	0.00044
-60.00	40.00	0.00060	-60.00	30.00	0.00089
-60.00	25.00	0.00112	-60.00	20.00	0.00147
-60.00	17.00	0.00174	-60.00	15.00	0.00197
-60.00	13.00	0.00224	-60.00	11.00	0.00257
-60.00	9.00	0.00299	-60.00	-9.00	0.00919
-60.00	-11.00	0.00883	-60.00	-13.00	0.00853
-60.00	-15.00	0.00826	-60.00	-17.00	0.00799
-60.00	-20.00	0.00758	-60.00	-25.00	0.00691
-60.00	-30.00	0.00627	-60.00	-40.00	0.00509
-60.00	-50.00	0.00408	-60.00	-60.00	0.00326
-60.00	-70.00	0.00262	-60.00	-80.00	0.00212
-60.00	-90.00	0.00173	-60.00	-100.00	0.00143
-50.00	100.00	0.00014	-50.00	90.00	0.00017
-50.00	80.00	0.00020	-50.00	70.00	0.00024
-50.00	60.00	0.00030	-50.00	50.00	0.00038
-50.00	40.00	0.00051	-50.00	30.00	0.00074
-50.00	25.00	0.00093	-50.00	20.00	0.00119
-50.00	17.00	0.00141	-50.00	15.00	0.00159
-50.00	13.00	0.00181	-50.00	11.00	0.00209
-50.00	9.00	0.00247	-50.00	-9.00	0.00918

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00885	-50.00	-13.00	0.00854
-50.00	-15.00	0.00829	-50.00	-17.00	0.00804
-50.00	-20.00	0.00766	-50.00	-25.00	0.00702
-50.00	-30.00	0.00640	-50.00	-40.00	0.00527
-50.00	-50.00	0.00429	-50.00	-60.00	0.00348
-50.00	-70.00	0.00282	-50.00	-80.00	0.00230
-50.00	-90.00	0.00189	-50.00	-100.00	0.00157
-40.00	100.00	0.00013	-40.00	90.00	0.00015
-40.00	80.00	0.00018	-40.00	70.00	0.00022
-40.00	60.00	0.00027	-40.00	50.00	0.00034
-40.00	40.00	0.00047	-40.00	30.00	0.00068
-40.00	25.00	0.00084	-40.00	20.00	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00127	-40.00	15.00	0.00143
-40.00	13.00	0.00162	-40.00	11.00	0.00186
-40.00	9.00	0.00216	-40.00	-9.00	0.00818
-40.00	-11.00	0.00816	-40.00	-13.00	0.00802
-40.00	-15.00	0.00784	-40.00	-17.00	0.00766
-40.00	-20.00	0.00736	-40.00	-25.00	0.00682
-40.00	-30.00	0.00627	-40.00	-40.00	0.00525
-40.00	-50.00	0.00434	-40.00	-60.00	0.00357
-40.00	-70.00	0.00294	-40.00	-80.00	0.00242
-40.00	-90.00	0.00201	-40.00	-100.00	0.00167
-30.00	100.00	0.00012	-30.00	90.00	0.00014
-30.00	80.00	0.00017	-30.00	70.00	0.00020
-30.00	60.00	0.00025	-30.00	50.00	0.00032
-30.00	40.00	0.00044	-30.00	30.00	0.00064
-30.00	25.00	0.00079	-30.00	20.00	0.00100
-30.00	17.00	0.00118	-30.00	15.00	0.00132
-30.00	13.00	0.00150	-30.00	11.00	0.00171
-30.00	9.00	0.00196	-30.00	-9.00	0.00565
-30.00	-11.00	0.00594	-30.00	-13.00	0.00614
-30.00	-15.00	0.00628	-30.00	-17.00	0.00633
-30.00	-20.00	0.00632	-30.00	-25.00	0.00611
-30.00	-30.00	0.00577	-30.00	-40.00	0.00500

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00423	-30.00	-60.00	0.00355
-30.00	-70.00	0.00297	-30.00	-80.00	0.00248
-30.00	-90.00	0.00207	-30.00	-100.00	0.00175
-20.00	100.00	0.00012	-20.00	90.00	0.00014
-20.00	80.00	0.00016	-20.00	70.00	0.00019
-20.00	60.00	0.00024	-20.00	50.00	0.00030
-20.00	40.00	0.00041	-20.00	30.00	0.00059
-20.00	25.00	0.00074	-20.00	20.00	0.00093
-20.00	17.00	0.00109	-20.00	15.00	0.00121
-20.00	13.00	0.00134	-20.00	11.00	0.00150
-20.00	9.00	0.00168	-20.00	-9.00	0.00392
-20.00	-11.00	0.00415	-20.00	-13.00	0.00436
-20.00	-15.00	0.00454	-20.00	-17.00	0.00469
-20.00	-20.00	0.00485	-20.00	-25.00	0.00495
-20.00	-30.00	0.00488	-20.00	-40.00	0.00449
-20.00	-50.00	0.00396	-20.00	-60.00	0.00341
-20.00	-70.00	0.00291	-20.00	-80.00	0.00248
-20.00	-90.00	0.00210	-20.00	-100.00	0.00179

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00011	-10.00	90.00	0.00013
-10.00	80.00	0.00015	-10.00	70.00	0.00018
-10.00	60.00	0.00022	-10.00	50.00	0.00029
-10.00	40.00	0.00039	-10.00	30.00	0.00056
-10.00	25.00	0.00069	-10.00	20.00	0.00085
-10.00	17.00	0.00098	-10.00	15.00	0.00107
-10.00	13.00	0.00117	-10.00	11.00	0.00128
-10.00	9.00	0.00141	-10.00	-9.00	0.00285
-10.00	-11.00	0.00301	-10.00	-13.00	0.00317
-10.00	-15.00	0.00331	-10.00	-17.00	0.00344
-10.00	-20.00	0.00361	-10.00	-25.00	0.00381
-10.00	-30.00	0.00391	-10.00	-40.00	0.00383
-10.00	-50.00	0.00354	-10.00	-60.00	0.00316
-10.00	-70.00	0.00278	-10.00	-80.00	0.00241
-10.00	-90.00	0.00208	-10.00	-100.00	0.00179
0.00	100.00	0.00010	0.00	90.00	0.00012



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00014	0.00	70.00	0.00017
0.00	60.00	0.00021	0.00	50.00	0.00027
0.00	40.00	0.00037	0.00	30.00	0.00053
0.00	25.00	0.00064	0.00	20.00	0.00077
0.00	17.00	0.00087	0.00	15.00	0.00094
0.00	13.00	0.00101	0.00	11.00	0.00109
0.00	9.00	0.00118	0.00	-9.00	0.00216
0.00	-11.00	0.00228	0.00	-13.00	0.00239
0.00	-15.00	0.00249	0.00	-17.00	0.00260
0.00	-20.00	0.00274	0.00	-25.00	0.00293
0.00	-30.00	0.00307	0.00	-40.00	0.00316
0.00	-50.00	0.00305	0.00	-60.00	0.00283
0.00	-70.00	0.00256	0.00	-80.00	0.00228
0.00	-90.00	0.00201	0.00	-100.00	0.00177
10.00	100.00	0.00010	10.00	90.00	0.00011
10.00	80.00	0.00013	10.00	70.00	0.00016
10.00	60.00	0.00020	10.00	50.00	0.00026
10.00	40.00	0.00035	10.00	30.00	0.00049
10.00	25.00	0.00058	10.00	20.00	0.00069
10.00	17.00	0.00076	10.00	15.00	0.00081
10.00	13.00	0.00087	10.00	11.00	0.00093
10.00	9.00	0.00100	10.00	-9.00	0.00170
10.00	-11.00	0.00178	10.00	-13.00	0.00186
10.00	-15.00	0.00194	10.00	-17.00	0.00201

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00212	10.00	-25.00	0.00229
10.00	-30.00	0.00242	10.00	-40.00	0.00257
10.00	-50.00	0.00258	10.00	-60.00	0.00248
10.00	-70.00	0.00231	10.00	-80.00	0.00211
10.00	-90.00	0.00190	10.00	-100.00	0.00170
20.00	100.00	0.00009	20.00	90.00	0.00011
20.00	80.00	0.00013	20.00	70.00	0.00015
20.00	60.00	0.00019	20.00	50.00	0.00025
20.00	40.00	0.00034	20.00	30.00	0.00045
20.00	25.00	0.00053	20.00	20.00	0.00061

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00067	20.00	15.00	0.00071
20.00	13.00	0.00076	20.00	11.00	0.00080
20.00	9.00	0.00085	20.00	-9.00	0.00137
20.00	-11.00	0.00143	20.00	-13.00	0.00149
20.00	-15.00	0.00154	20.00	-17.00	0.00160
20.00	-20.00	0.00169	20.00	-25.00	0.00182
20.00	-30.00	0.00194	20.00	-40.00	0.00210
20.00	-50.00	0.00216	20.00	-60.00	0.00214
20.00	-70.00	0.00205	20.00	-80.00	0.00192
20.00	-90.00	0.00177	20.00	-100.00	0.00161
30.00	100.00	0.00009	30.00	90.00	0.00010
30.00	80.00	0.00012	30.00	70.00	0.00015
30.00	60.00	0.00019	30.00	50.00	0.00024
30.00	40.00	0.00032	30.00	30.00	0.00042
30.00	25.00	0.00048	30.00	20.00	0.00055
30.00	17.00	0.00059	30.00	15.00	0.00063
30.00	13.00	0.00066	30.00	11.00	0.00070
30.00	9.00	0.00074	30.00	-9.00	0.00113
30.00	-11.00	0.00117	30.00	-13.00	0.00122
30.00	-15.00	0.00126	30.00	-17.00	0.00130
30.00	-20.00	0.00137	30.00	-25.00	0.00148
30.00	-30.00	0.00157	30.00	-40.00	0.00172
30.00	-50.00	0.00181	30.00	-60.00	0.00183
30.00	-70.00	0.00180	30.00	-80.00	0.00172
30.00	-90.00	0.00161	30.00	-100.00	0.00150
40.00	100.00	0.00008	40.00	90.00	0.00010
40.00	80.00	0.00012	40.00	70.00	0.00014
40.00	60.00	0.00018	40.00	50.00	0.00023
40.00	40.00	0.00030	40.00	30.00	0.00038
40.00	25.00	0.00043	40.00	20.00	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00053	40.00	15.00	0.00055
40.00	13.00	0.00058	40.00	11.00	0.00061
40.00	9.00	0.00064	40.00	-9.00	0.00095
40.00	-11.00	0.00098	40.00	-13.00	0.00101

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00105	40.00	-17.00	0.00108
40.00	-20.00	0.00113	40.00	-25.00	0.00122
40.00	-30.00	0.00130	40.00	-40.00	0.00143
40.00	-50.00	0.00152	40.00	-60.00	0.00157
40.00	-70.00	0.00157	40.00	-80.00	0.00153
40.00	-90.00	0.00146	40.00	-100.00	0.00138
50.00	100.00	0.00008	50.00	90.00	0.00010
50.00	80.00	0.00011	50.00	70.00	0.00014
50.00	60.00	0.00018	50.00	50.00	0.00022
50.00	40.00	0.00028	50.00	30.00	0.00035
50.00	25.00	0.00039	50.00	20.00	0.00044
50.00	17.00	0.00047	50.00	15.00	0.00049
50.00	13.00	0.00051	50.00	11.00	0.00054
50.00	9.00	0.00056	50.00	-9.00	0.00081
50.00	-11.00	0.00083	50.00	-13.00	0.00086
50.00	-15.00	0.00089	50.00	-17.00	0.00091
50.00	-20.00	0.00095	50.00	-25.00	0.00102
50.00	-30.00	0.00109	50.00	-40.00	0.00120
50.00	-50.00	0.00129	50.00	-60.00	0.00134
50.00	-70.00	0.00137	50.00	-80.00	0.00135
50.00	-90.00	0.00132	50.00	-100.00	0.00126
60.00	100.00	0.00008	60.00	90.00	0.00009
60.00	80.00	0.00011	60.00	70.00	0.00014
60.00	60.00	0.00017	60.00	50.00	0.00021
60.00	40.00	0.00026	60.00	30.00	0.00032
60.00	25.00	0.00036	60.00	20.00	0.00039
60.00	17.00	0.00042	60.00	15.00	0.00044
60.00	13.00	0.00046	60.00	11.00	0.00048
60.00	9.00	0.00050	60.00	-9.00	0.00069
60.00	-11.00	0.00072	60.00	-13.00	0.00074
60.00	-15.00	0.00076	60.00	-17.00	0.00078
60.00	-20.00	0.00081	60.00	-25.00	0.00087
60.00	-30.00	0.00092	60.00	-40.00	0.00102
60.00	-50.00	0.00110	60.00	-60.00	0.00116
60.00	-70.00	0.00119	60.00	-80.00	0.00120
60.00	-90.00	0.00118	60.00	-100.00	0.00114

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

09NCRA PL94-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00008	70.00	90.00	0.00009
70.00	80.00	0.00011	70.00	70.00	0.00013
70.00	60.00	0.00016	70.00	50.00	0.00020
70.00	40.00	0.00024	70.00	30.00	0.00029
70.00	25.00	0.00032	70.00	20.00	0.00036
70.00	17.00	0.00038	70.00	15.00	0.00040
70.00	13.00	0.00041	70.00	11.00	0.00043
70.00	9.00	0.00044	70.00	-9.00	0.00060
70.00	-11.00	0.00062	70.00	-13.00	0.00064
70.00	-15.00	0.00066	70.00	-17.00	0.00068
70.00	-20.00	0.00070	70.00	-25.00	0.00075
70.00	-30.00	0.00079	70.00	-40.00	0.00088
70.00	-50.00	0.00095	70.00	-60.00	0.00100
70.00	-70.00	0.00104	70.00	-80.00	0.00106
70.00	-90.00	0.00105	70.00	-100.00	0.00104
80.00	100.00	0.00008	80.00	90.00	0.00009
80.00	80.00	0.00011	80.00	70.00	0.00013
80.00	60.00	0.00016	80.00	50.00	0.00019
80.00	40.00	0.00023	80.00	30.00	0.00027
80.00	25.00	0.00030	80.00	20.00	0.00033
80.00	17.00	0.00034	80.00	15.00	0.00036
80.00	13.00	0.00037	80.00	11.00	0.00038
80.00	9.00	0.00040	80.00	-9.00	0.00053
80.00	-11.00	0.00055	80.00	-13.00	0.00056
80.00	-15.00	0.00058	80.00	-17.00	0.00059
80.00	-20.00	0.00061	80.00	-25.00	0.00065
80.00	-30.00	0.00069	80.00	-40.00	0.00076
80.00	-50.00	0.00082	80.00	-60.00	0.00088
80.00	-70.00	0.00091	80.00	-80.00	0.00093
80.00	-90.00	0.00094	80.00	-100.00	0.00093
90.00	100.00	0.00007	90.00	90.00	0.00009
90.00	80.00	0.00010	90.00	70.00	0.00013
90.00	60.00	0.00015	90.00	50.00	0.00018
90.00	40.00	0.00021	90.00	30.00	0.00025
90.00	25.00	0.00027	90.00	20.00	0.00030
90.00	17.00	0.00031	90.00	15.00	0.00032
90.00	13.00	0.00034	90.00	11.00	0.00035
90.00	9.00	0.00036	90.00	-9.00	0.00047
90.00	-11.00	0.00048	90.00	-13.00	0.00050
90.00	-15.00	0.00051	90.00	-17.00	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00054	90.00	-25.00	0.00057
90.00	-30.00	0.00060	90.00	-40.00	0.00066
90.00	-50.00	0.00072	90.00	-60.00	0.00077
90.00	-70.00	0.00080	90.00	-80.00	0.00083
90.00	-90.00	0.00084	90.00	-100.00	0.00084
100.00	100.00	0.00007	100.00	90.00	0.00009
100.00	80.00	0.00010	100.00	70.00	0.00012
100.00	60.00	0.00014	100.00	50.00	0.00017
100.00	40.00	0.00020	100.00	30.00	0.00023
100.00	25.00	0.00025	100.00	20.00	0.00027
100.00	17.00	0.00029	100.00	15.00	0.00030
100.00	13.00	0.00031	100.00	11.00	0.00032
100.00	9.00	0.00033	100.00	-9.00	0.00042
100.00	-11.00	0.00043	100.00	-13.00	0.00044
100.00	-15.00	0.00045	100.00	-17.00	0.00046
100.00	-20.00	0.00048	100.00	-25.00	0.00050
100.00	-30.00	0.00053	100.00	-40.00	0.00059
100.00	-50.00	0.00064	100.00	-60.00	0.00068
100.00	-70.00	0.00071	100.00	-80.00	0.00074
100.00	-90.00	0.00075	100.00	-100.00	0.00076
110.00	100.00	0.00007	110.00	90.00	0.00008
110.00	80.00	0.00010	110.00	70.00	0.00012
110.00	60.00	0.00014	110.00	50.00	0.00016
110.00	40.00	0.00018	110.00	30.00	0.00021
110.00	25.00	0.00023	110.00	20.00	0.00025
110.00	17.00	0.00026	110.00	15.00	0.00027
110.00	13.00	0.00028	110.00	11.00	0.00029
110.00	9.00	0.00030	110.00	-9.00	0.00038
110.00	-11.00	0.00039	110.00	-13.00	0.00040
110.00	-15.00	0.00041	110.00	-17.00	0.00041
110.00	-20.00	0.00043	110.00	-25.00	0.00045
110.00	-30.00	0.00047	110.00	-40.00	0.00052
110.00	-50.00	0.00056	110.00	-60.00	0.00060
110.00	-70.00	0.00063	110.00	-80.00	0.00066
110.00	-90.00	0.00068	110.00	-100.00	0.00069
120.00	100.00	0.00007	120.00	90.00	0.00008

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00010	120.00	70.00	0.00011
120.00	60.00	0.00013	120.00	50.00	0.00015
120.00	40.00	0.00017	120.00	30.00	0.00020
120.00	25.00	0.00021	120.00	20.00	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00024	120.00	15.00	0.00025
120.00	13.00	0.00026	120.00	11.00	0.00026
120.00	9.00	0.00027	120.00	-9.00	0.00034
120.00	-11.00	0.00035	120.00	-13.00	0.00036
120.00	-15.00	0.00037	120.00	-17.00	0.00037
120.00	-20.00	0.00038	120.00	-25.00	0.00040
120.00	-30.00	0.00042	120.00	-40.00	0.00046
120.00	-50.00	0.00050	120.00	-60.00	0.00054
120.00	-70.00	0.00057	120.00	-80.00	0.00059
120.00	-90.00	0.00061	120.00	-100.00	0.00062
130.00	100.00	0.00007	130.00	90.00	0.00008
130.00	80.00	0.00009	130.00	70.00	0.00011
130.00	60.00	0.00012	130.00	50.00	0.00014
130.00	40.00	0.00016	130.00	30.00	0.00019
130.00	25.00	0.00020	130.00	20.00	0.00021
130.00	17.00	0.00022	130.00	15.00	0.00023
130.00	13.00	0.00024	130.00	11.00	0.00024
130.00	9.00	0.00025	130.00	-9.00	0.00031
130.00	-11.00	0.00032	130.00	-13.00	0.00032
130.00	-15.00	0.00033	130.00	-17.00	0.00034
130.00	-20.00	0.00035	130.00	-25.00	0.00036
130.00	-30.00	0.00038	130.00	-40.00	0.00042
130.00	-50.00	0.00045	130.00	-60.00	0.00048
130.00	-70.00	0.00051	130.00	-80.00	0.00053
130.00	-90.00	0.00055	130.00	-100.00	0.00056
140.00	100.00	0.00007	140.00	90.00	0.00008
140.00	80.00	0.00009	140.00	70.00	0.00010
140.00	60.00	0.00012	140.00	50.00	0.00013
140.00	40.00	0.00015	140.00	30.00	0.00017
140.00	25.00	0.00019	140.00	20.00	0.00020

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00021	140.00	15.00	0.00021
140.00	13.00	0.00022	140.00	11.00	0.00022
140.00	9.00	0.00023	140.00	-9.00	0.00028
140.00	-11.00	0.00029	140.00	-13.00	0.00030
140.00	-15.00	0.00030	140.00	-17.00	0.00031
140.00	-20.00	0.00032	140.00	-25.00	0.00033
140.00	-30.00	0.00035	140.00	-40.00	0.00038
140.00	-50.00	0.00041	140.00	-60.00	0.00043
140.00	-70.00	0.00046	140.00	-80.00	0.00048
140.00	-90.00	0.00050	140.00	-100.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00007	150.00	90.00	0.00008
150.00	80.00	0.00009	150.00	70.00	0.00010
150.00	60.00	0.00011	150.00	50.00	0.00013
150.00	40.00	0.00014	150.00	30.00	0.00016
150.00	25.00	0.00017	150.00	20.00	0.00018
150.00	17.00	0.00019	150.00	15.00	0.00020
150.00	13.00	0.00020	150.00	11.00	0.00021
150.00	9.00	0.00021	150.00	-9.00	0.00026
150.00	-11.00	0.00027	150.00	-13.00	0.00027
150.00	-15.00	0.00028	150.00	-17.00	0.00028
150.00	-20.00	0.00029	150.00	-25.00	0.00030
150.00	-30.00	0.00031	150.00	-40.00	0.00034
150.00	-50.00	0.00037	150.00	-60.00	0.00039
150.00	-70.00	0.00042	150.00	-80.00	0.00044
150.00	-90.00	0.00045	150.00	-100.00	0.00047
160.00	100.00	0.00006	160.00	90.00	0.00007
160.00	80.00	0.00008	160.00	70.00	0.00009
160.00	60.00	0.00011	160.00	50.00	0.00012
160.00	40.00	0.00013	160.00	30.00	0.00015
160.00	25.00	0.00016	160.00	20.00	0.00017
160.00	17.00	0.00018	160.00	15.00	0.00018
160.00	13.00	0.00019	160.00	11.00	0.00019
160.00	9.00	0.00020	160.00	-9.00	0.00024
160.00	-11.00	0.00024	160.00	-13.00	0.00025

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00025	160.00	-17.00	0.00026
160.00	-20.00	0.00026	160.00	-25.00	0.00028
160.00	-30.00	0.00029	160.00	-40.00	0.00031
160.00	-50.00	0.00033	160.00	-60.00	0.00036
160.00	-70.00	0.00038	160.00	-80.00	0.00040
160.00	-90.00	0.00041	160.00	-100.00	0.00043
170.00	100.00	0.00006	170.00	90.00	0.00007
170.00	80.00	0.00008	170.00	70.00	0.00009
170.00	60.00	0.00010	170.00	50.00	0.00011
170.00	40.00	0.00013	170.00	30.00	0.00014
170.00	25.00	0.00015	170.00	20.00	0.00016
170.00	17.00	0.00017	170.00	15.00	0.00017
170.00	13.00	0.00018	170.00	11.00	0.00018
170.00	9.00	0.00018	170.00	-9.00	0.00022
170.00	-11.00	0.00022	170.00	-13.00	0.00023
170.00	-15.00	0.00023	170.00	-17.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00024	170.00	-25.00	0.00025
170.00	-30.00	0.00026	170.00	-40.00	0.00028
170.00	-50.00	0.00031	170.00	-60.00	0.00033
170.00	-70.00	0.00035	170.00	-80.00	0.00036
170.00	-90.00	0.00038	170.00	-100.00	0.00039
180.00	100.00	0.00006	180.00	90.00	0.00007
180.00	80.00	0.00008	180.00	70.00	0.00009
180.00	60.00	0.00010	180.00	50.00	0.00011
180.00	40.00	0.00012	180.00	30.00	0.00013
180.00	25.00	0.00014	180.00	20.00	0.00015
180.00	17.00	0.00016	180.00	15.00	0.00016
180.00	13.00	0.00016	180.00	11.00	0.00017
180.00	9.00	0.00017	180.00	-9.00	0.00020
180.00	-11.00	0.00021	180.00	-13.00	0.00021
180.00	-15.00	0.00022	180.00	-17.00	0.00022
180.00	-20.00	0.00022	180.00	-25.00	0.00023
180.00	-30.00	0.00024	180.00	-40.00	0.00026
180.00	-50.00	0.00028	180.00	-60.00	0.00030



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00032	180.00	-80.00	0.00033
180.00	-90.00	0.00035	180.00	-100.00	0.00036
190.00	100.00	0.00006	190.00	90.00	0.00007
190.00	80.00	0.00007	190.00	70.00	0.00008
190.00	60.00	0.00009	190.00	50.00	0.00010
190.00	40.00	0.00011	190.00	30.00	0.00013
190.00	25.00	0.00013	190.00	20.00	0.00014
190.00	17.00	0.00015	190.00	15.00	0.00015
190.00	13.00	0.00015	190.00	11.00	0.00016
190.00	9.00	0.00016	190.00	-9.00	0.00019
190.00	-11.00	0.00019	190.00	-13.00	0.00020
190.00	-15.00	0.00020	190.00	-17.00	0.00020
190.00	-20.00	0.00021	190.00	-25.00	0.00022
190.00	-30.00	0.00022	190.00	-40.00	0.00024
190.00	-50.00	0.00026	190.00	-60.00	0.00027
190.00	-70.00	0.00029	190.00	-80.00	0.00031
190.00	-90.00	0.00032	190.00	-100.00	0.00033
200.00	100.00	0.00006	200.00	90.00	0.00006
200.00	80.00	0.00007	200.00	70.00	0.00008
200.00	60.00	0.00009	200.00	50.00	0.00010
200.00	40.00	0.00011	200.00	30.00	0.00012
200.00	25.00	0.00013	200.00	20.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00014	200.00	15.00	0.00014
200.00	13.00	0.00014	200.00	11.00	0.00015
200.00	9.00	0.00015	200.00	-9.00	0.00018
200.00	-11.00	0.00018	200.00	-13.00	0.00018
200.00	-15.00	0.00019	200.00	-17.00	0.00019
200.00	-20.00	0.00019	200.00	-25.00	0.00020
200.00	-30.00	0.00021	200.00	-40.00	0.00022
200.00	-50.00	0.00024	200.00	-60.00	0.00025
200.00	-70.00	0.00027	200.00	-80.00	0.00028
200.00	-90.00	0.00030	200.00	-100.00	0.00031
210.00	100.00	0.00006	210.00	90.00	0.00006
210.00	80.00	0.00007	210.00	70.00	0.00008

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00008	210.00	50.00	0.00009
210.00	40.00	0.00010	210.00	30.00	0.00011
210.00	25.00	0.00012	210.00	20.00	0.00013
210.00	17.00	0.00013	210.00	15.00	0.00013
210.00	13.00	0.00014	210.00	11.00	0.00014
210.00	9.00	0.00014	210.00	-9.00	0.00017
210.00	-11.00	0.00017	210.00	-13.00	0.00017
210.00	-15.00	0.00017	210.00	-17.00	0.00018
210.00	-20.00	0.00018	210.00	-25.00	0.00019
210.00	-30.00	0.00019	210.00	-40.00	0.00021
210.00	-50.00	0.00022	210.00	-60.00	0.00023
210.00	-70.00	0.00025	210.00	-80.00	0.00026
210.00	-90.00	0.00027	210.00	-100.00	0.00028
220.00	100.00	0.00005	220.00	90.00	0.00006
220.00	80.00	0.00007	220.00	70.00	0.00007
220.00	60.00	0.00008	220.00	50.00	0.00009
220.00	40.00	0.00010	220.00	30.00	0.00011
220.00	25.00	0.00011	220.00	20.00	0.00012
220.00	17.00	0.00012	220.00	15.00	0.00013
220.00	13.00	0.00013	220.00	11.00	0.00013
220.00	9.00	0.00013	220.00	-9.00	0.00015
220.00	-11.00	0.00016	220.00	-13.00	0.00016
220.00	-15.00	0.00016	220.00	-17.00	0.00016
220.00	-20.00	0.00017	220.00	-25.00	0.00017
220.00	-30.00	0.00018	220.00	-40.00	0.00019
220.00	-50.00	0.00020	220.00	-60.00	0.00022
220.00	-70.00	0.00023	220.00	-80.00	0.00024
220.00	-90.00	0.00025	220.00	-100.00	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

10:54:17

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00006
230.00	80.00	0.00006	230.00	70.00	0.00007
230.00	60.00	0.00008	230.00	50.00	0.00008
230.00	40.00	0.00009	230.00	30.00	0.00010
230.00	25.00	0.00011	230.00	20.00	0.00011
230.00	17.00	0.00012	230.00	15.00	0.00012

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00012	230.00	11.00	0.00012
230.00	9.00	0.00013	230.00	-9.00	0.00015
230.00	-11.00	0.00015	230.00	-13.00	0.00015
230.00	-15.00	0.00015	230.00	-17.00	0.00015
230.00	-20.00	0.00016	230.00	-25.00	0.00016
230.00	-30.00	0.00017	230.00	-40.00	0.00018
230.00	-50.00	0.00019	230.00	-60.00	0.00020
230.00	-70.00	0.00021	230.00	-80.00	0.00023
230.00	-90.00	0.00024	230.00	-100.00	0.00025
240.00	100.00	0.00005	240.00	90.00	0.00006
240.00	80.00	0.00006	240.00	70.00	0.00007
240.00	60.00	0.00007	240.00	50.00	0.00008
240.00	40.00	0.00009	240.00	30.00	0.00010
240.00	25.00	0.00010	240.00	20.00	0.00011
240.00	17.00	0.00011	240.00	15.00	0.00011
240.00	13.00	0.00011	240.00	11.00	0.00012
240.00	9.00	0.00012	240.00	-9.00	0.00014
240.00	-11.00	0.00014	240.00	-13.00	0.00014
240.00	-15.00	0.00014	240.00	-17.00	0.00014
240.00	-20.00	0.00015	240.00	-25.00	0.00015
240.00	-30.00	0.00016	240.00	-40.00	0.00017
240.00	-50.00	0.00018	240.00	-60.00	0.00019
240.00	-70.00	0.00020	240.00	-80.00	0.00021
240.00	-90.00	0.00022	240.00	-100.00	0.00023
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00006	250.00	70.00	0.00006
250.00	60.00	0.00007	250.00	50.00	0.00008
250.00	40.00	0.00008	250.00	30.00	0.00009
250.00	25.00	0.00010	250.00	20.00	0.00010
250.00	17.00	0.00010	250.00	15.00	0.00011
250.00	13.00	0.00011	250.00	11.00	0.00011
250.00	9.00	0.00011	250.00	-9.00	0.00013
250.00	-11.00	0.00013	250.00	-13.00	0.00013
250.00	-15.00	0.00013	250.00	-17.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00014	250.00	-25.00	0.00014
250.00	-30.00	0.00015	250.00	-40.00	0.00016
250.00	-50.00	0.00017	250.00	-60.00	0.00018
250.00	-70.00	0.00019	250.00	-80.00	0.00020
250.00	-90.00	0.00021	250.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00039	-250.00	90.00	0.00047
-250.00	80.00	0.00056	-250.00	70.00	0.00066
-250.00	60.00	0.00079	-250.00	50.00	0.00095
-250.00	40.00	0.00112	-250.00	30.00	0.00128
-250.00	25.00	0.00134	-250.00	20.00	0.00138
-250.00	17.00	0.00138	-250.00	15.00	0.00137
-250.00	13.00	0.00135	-250.00	11.00	0.00132
-250.00	9.00	0.00128	-250.00	-9.00	0.00081
-250.00	-11.00	0.00079	-250.00	-13.00	0.00077
-250.00	-15.00	0.00076	-250.00	-17.00	0.00075
-250.00	-20.00	0.00073	-250.00	-25.00	0.00070
-250.00	-30.00	0.00067	-250.00	-40.00	0.00060
-250.00	-50.00	0.00053	-250.00	-60.00	0.00047
-250.00	-70.00	0.00042	-250.00	-80.00	0.00038
-250.00	-90.00	0.00034	-250.00	-100.00	0.00031
-240.00	100.00	0.00038	-240.00	90.00	0.00046
-240.00	80.00	0.00055	-240.00	70.00	0.00067
-240.00	60.00	0.00082	-240.00	50.00	0.00101
-240.00	40.00	0.00124	-240.00	30.00	0.00150
-240.00	25.00	0.00162	-240.00	20.00	0.00171
-240.00	17.00	0.00175	-240.00	15.00	0.00176
-240.00	13.00	0.00175	-240.00	11.00	0.00173
-240.00	9.00	0.00169	-240.00	-9.00	0.00098
-240.00	-11.00	0.00095	-240.00	-13.00	0.00093
-240.00	-15.00	0.00091	-240.00	-17.00	0.00089
-240.00	-20.00	0.00086	-240.00	-25.00	0.00082
-240.00	-30.00	0.00078	-240.00	-40.00	0.00070
-240.00	-50.00	0.00062	-240.00	-60.00	0.00055
-240.00	-70.00	0.00048	-240.00	-80.00	0.00043

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00039	-240.00	-100.00	0.00035
-230.00	100.00	0.00037	-230.00	90.00	0.00044
-230.00	80.00	0.00054	-230.00	70.00	0.00066
-230.00	60.00	0.00082	-230.00	50.00	0.00103
-230.00	40.00	0.00129	-230.00	30.00	0.00163
-230.00	25.00	0.00182	-230.00	20.00	0.00201
-230.00	17.00	0.00212	-230.00	15.00	0.00218
-230.00	13.00	0.00224	-230.00	11.00	0.00228
-230.00	9.00	0.00230	-230.00	-9.00	0.00121
-230.00	-11.00	0.00117	-230.00	-13.00	0.00113
-230.00	-15.00	0.00110	-230.00	-17.00	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00104	-230.00	-25.00	0.00099
-230.00	-30.00	0.00094	-230.00	-40.00	0.00084
-230.00	-50.00	0.00074	-230.00	-60.00	0.00065
-230.00	-70.00	0.00057	-230.00	-80.00	0.00050
-230.00	-90.00	0.00045	-230.00	-100.00	0.00040
-220.00	100.00	0.00034	-220.00	90.00	0.00042
-220.00	80.00	0.00051	-220.00	70.00	0.00064
-220.00	60.00	0.00080	-220.00	50.00	0.00101
-220.00	40.00	0.00130	-220.00	30.00	0.00166
-220.00	25.00	0.00189	-220.00	20.00	0.00212
-220.00	17.00	0.00226	-220.00	15.00	0.00235
-220.00	13.00	0.00244	-220.00	11.00	0.00255
-220.00	9.00	0.00266	-220.00	-9.00	0.00229
-220.00	-11.00	0.00201	-220.00	-13.00	0.00183
-220.00	-15.00	0.00172	-220.00	-17.00	0.00163
-220.00	-20.00	0.00153	-220.00	-25.00	0.00140
-220.00	-30.00	0.00130	-220.00	-40.00	0.00111
-220.00	-50.00	0.00095	-220.00	-60.00	0.00081
-220.00	-70.00	0.00070	-220.00	-80.00	0.00061
-220.00	-90.00	0.00054	-220.00	-100.00	0.00048
-210.00	100.00	0.00031	-210.00	90.00	0.00038
-210.00	80.00	0.00048	-210.00	70.00	0.00060
-210.00	60.00	0.00076	-210.00	50.00	0.00098

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00127	-210.00	30.00	0.00165
-210.00	25.00	0.00190	-210.00	20.00	0.00217
-210.00	17.00	0.00233	-210.00	15.00	0.00245
-210.00	13.00	0.00256	-210.00	11.00	0.00270
-210.00	9.00	0.00287	-210.00	-9.00	0.00485
-210.00	-11.00	0.00427	-210.00	-13.00	0.00379
-210.00	-15.00	0.00341	-210.00	-17.00	0.00309
-210.00	-20.00	0.00271	-210.00	-25.00	0.00227
-210.00	-30.00	0.00196	-210.00	-40.00	0.00154
-210.00	-50.00	0.00126	-210.00	-60.00	0.00105
-210.00	-70.00	0.00089	-210.00	-80.00	0.00076
-210.00	-90.00	0.00066	-210.00	-100.00	0.00058
-200.00	100.00	0.00028	-200.00	90.00	0.00034
-200.00	80.00	0.00043	-200.00	70.00	0.00055
-200.00	60.00	0.00070	-200.00	50.00	0.00092
-200.00	40.00	0.00121	-200.00	30.00	0.00162
-200.00	25.00	0.00187	-200.00	20.00	0.00217

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 105

CONC                                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00237	-200.00	15.00	0.00252
-200.00	13.00	0.00268	-200.00	11.00	0.00287
-200.00	9.00	0.00312	-200.00	-9.00	0.00663
-200.00	-11.00	0.00610	-200.00	-13.00	0.00563
-200.00	-15.00	0.00519	-200.00	-17.00	0.00479
-200.00	-20.00	0.00426	-200.00	-25.00	0.00353
-200.00	-30.00	0.00296	-200.00	-40.00	0.00219
-200.00	-50.00	0.00169	-200.00	-60.00	0.00135
-200.00	-70.00	0.00111	-200.00	-80.00	0.00094
-200.00	-90.00	0.00080	-200.00	-100.00	0.00069
-190.00	100.00	0.00025	-190.00	90.00	0.00030
-190.00	80.00	0.00038	-190.00	70.00	0.00049
-190.00	60.00	0.00064	-190.00	50.00	0.00085
-190.00	40.00	0.00114	-190.00	30.00	0.00155
-190.00	25.00	0.00182	-190.00	20.00	0.00214
-190.00	17.00	0.00238	-190.00	15.00	0.00256
-190.00	13.00	0.00277	-190.00	11.00	0.00301



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00552	-170.00	-40.00	0.00429
-170.00	-50.00	0.00332	-170.00	-60.00	0.00259
-170.00	-70.00	0.00204	-170.00	-80.00	0.00164
-170.00	-90.00	0.00133	-170.00	-100.00	0.00110
-160.00	100.00	0.00017	-160.00	90.00	0.00021
-160.00	80.00	0.00025	-160.00	70.00	0.00031
-160.00	60.00	0.00040	-160.00	50.00	0.00053
-160.00	40.00	0.00074	-160.00	30.00	0.00110
-160.00	25.00	0.00138	-160.00	20.00	0.00176
-160.00	17.00	0.00205	-160.00	15.00	0.00229
-160.00	13.00	0.00256	-160.00	11.00	0.00288
-160.00	9.00	0.00329	-160.00	-9.00	0.00909
-160.00	-11.00	0.00871	-160.00	-13.00	0.00840
-160.00	-15.00	0.00809	-160.00	-17.00	0.00779
-160.00	-20.00	0.00735	-160.00	-25.00	0.00664
-160.00	-30.00	0.00598	-160.00	-40.00	0.00476
-160.00	-50.00	0.00375	-160.00	-60.00	0.00296
-160.00	-70.00	0.00235	-160.00	-80.00	0.00189
-160.00	-90.00	0.00154	-160.00	-100.00	0.00127
-150.00	100.00	0.00016	-150.00	90.00	0.00018
-150.00	80.00	0.00022	-150.00	70.00	0.00027
-150.00	60.00	0.00034	-150.00	50.00	0.00044
-150.00	40.00	0.00060	-150.00	30.00	0.00089
-150.00	25.00	0.00112	-150.00	20.00	0.00147
-150.00	17.00	0.00174	-150.00	15.00	0.00197
-150.00	13.00	0.00224	-150.00	11.00	0.00257
-150.00	9.00	0.00299	-150.00	-9.00	0.00919
-150.00	-11.00	0.00883	-150.00	-13.00	0.00853
-150.00	-15.00	0.00826	-150.00	-17.00	0.00799

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00758	-150.00	-25.00	0.00691
-150.00	-30.00	0.00627	-150.00	-40.00	0.00509
-150.00	-50.00	0.00408	-150.00	-60.00	0.00326
-150.00	-70.00	0.00262	-150.00	-80.00	0.00212
-150.00	-90.00	0.00173	-150.00	-100.00	0.00143



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00014	-140.00	90.00	0.00017
-140.00	80.00	0.00020	-140.00	70.00	0.00024
-140.00	60.00	0.00030	-140.00	50.00	0.00038
-140.00	40.00	0.00051	-140.00	30.00	0.00074
-140.00	25.00	0.00093	-140.00	20.00	0.00119
-140.00	17.00	0.00141	-140.00	15.00	0.00159
-140.00	13.00	0.00181	-140.00	11.00	0.00209
-140.00	9.00	0.00247	-140.00	-9.00	0.00918
-140.00	-11.00	0.00885	-140.00	-13.00	0.00854
-140.00	-15.00	0.00829	-140.00	-17.00	0.00804
-140.00	-20.00	0.00766	-140.00	-25.00	0.00702
-140.00	-30.00	0.00640	-140.00	-40.00	0.00527
-140.00	-50.00	0.00429	-140.00	-60.00	0.00348
-140.00	-70.00	0.00282	-140.00	-80.00	0.00230
-140.00	-90.00	0.00189	-140.00	-100.00	0.00157
-130.00	100.00	0.00013	-130.00	90.00	0.00015
-130.00	80.00	0.00018	-130.00	70.00	0.00022
-130.00	60.00	0.00027	-130.00	50.00	0.00034
-130.00	40.00	0.00047	-130.00	30.00	0.00068
-130.00	25.00	0.00084	-130.00	20.00	0.00108
-130.00	17.00	0.00127	-130.00	15.00	0.00143
-130.00	13.00	0.00162	-130.00	11.00	0.00186
-130.00	9.00	0.00216	-130.00	-9.00	0.00818
-130.00	-11.00	0.00816	-130.00	-13.00	0.00802
-130.00	-15.00	0.00784	-130.00	-17.00	0.00766
-130.00	-20.00	0.00736	-130.00	-25.00	0.00682
-130.00	-30.00	0.00627	-130.00	-40.00	0.00525
-130.00	-50.00	0.00434	-130.00	-60.00	0.00357
-130.00	-70.00	0.00294	-130.00	-80.00	0.00242
-130.00	-90.00	0.00201	-130.00	-100.00	0.00167
-120.00	100.00	0.00012	-120.00	90.00	0.00014
-120.00	80.00	0.00017	-120.00	70.00	0.00020
-120.00	60.00	0.00025	-120.00	50.00	0.00032
-120.00	40.00	0.00044	-120.00	30.00	0.00064
-120.00	25.00	0.00079	-120.00	20.00	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 108

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL (    1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):              NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00118	-120.00	15.00	0.00132
-120.00	13.00	0.00150	-120.00	11.00	0.00171
-120.00	9.00	0.00196	-120.00	-9.00	0.00565
-120.00	-11.00	0.00594	-120.00	-13.00	0.00614
-120.00	-15.00	0.00628	-120.00	-17.00	0.00633
-120.00	-20.00	0.00632	-120.00	-25.00	0.00611
-120.00	-30.00	0.00577	-120.00	-40.00	0.00500
-120.00	-50.00	0.00423	-120.00	-60.00	0.00355
-120.00	-70.00	0.00297	-120.00	-80.00	0.00248
-120.00	-90.00	0.00207	-120.00	-100.00	0.00175
-110.00	100.00	0.00012	-110.00	90.00	0.00014
-110.00	80.00	0.00016	-110.00	70.00	0.00019
-110.00	60.00	0.00024	-110.00	50.00	0.00030
-110.00	40.00	0.00041	-110.00	30.00	0.00059
-110.00	25.00	0.00074	-110.00	20.00	0.00093
-110.00	17.00	0.00109	-110.00	15.00	0.00121
-110.00	13.00	0.00134	-110.00	11.00	0.00150
-110.00	9.00	0.00168	-110.00	-9.00	0.00392
-110.00	-11.00	0.00415	-110.00	-13.00	0.00436
-110.00	-15.00	0.00454	-110.00	-17.00	0.00469
-110.00	-20.00	0.00485	-110.00	-25.00	0.00495
-110.00	-30.00	0.00488	-110.00	-40.00	0.00449
-110.00	-50.00	0.00396	-110.00	-60.00	0.00341
-110.00	-70.00	0.00291	-110.00	-80.00	0.00248
-110.00	-90.00	0.00210	-110.00	-100.00	0.00179
-100.00	100.00	0.00011	-100.00	90.00	0.00013
-100.00	80.00	0.00015	-100.00	70.00	0.00018
-100.00	60.00	0.00022	-100.00	50.00	0.00029
-100.00	40.00	0.00039	-100.00	30.00	0.00056
-100.00	25.00	0.00069	-100.00	20.00	0.00085
-100.00	17.00	0.00098	-100.00	15.00	0.00107
-100.00	13.00	0.00117	-100.00	11.00	0.00128
-100.00	9.00	0.00141	-100.00	-9.00	0.00285
-100.00	-11.00	0.00301	-100.00	-13.00	0.00317
-100.00	-15.00	0.00331	-100.00	-17.00	0.00344
-100.00	-20.00	0.00361	-100.00	-25.00	0.00381
-100.00	-30.00	0.00391	-100.00	-40.00	0.00383
-100.00	-50.00	0.00354	-100.00	-60.00	0.00316
-100.00	-70.00	0.00278	-100.00	-80.00	0.00241
-100.00	-90.00	0.00208	-100.00	-100.00	0.00179

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00010	-90.00	90.00	0.00012
-90.00	80.00	0.00014	-90.00	70.00	0.00017
-90.00	60.00	0.00021	-90.00	50.00	0.00027
-90.00	40.00	0.00037	-90.00	30.00	0.00053
-90.00	25.00	0.00064	-90.00	20.00	0.00077
-90.00	17.00	0.00087	-90.00	15.00	0.00094
-90.00	13.00	0.00101	-90.00	11.00	0.00109
-90.00	9.00	0.00118	-90.00	-9.00	0.00216
-90.00	-11.00	0.00228	-90.00	-13.00	0.00239
-90.00	-15.00	0.00249	-90.00	-17.00	0.00260
-90.00	-20.00	0.00274	-90.00	-25.00	0.00293
-90.00	-30.00	0.00307	-90.00	-40.00	0.00316
-90.00	-50.00	0.00305	-90.00	-60.00	0.00283
-90.00	-70.00	0.00256	-90.00	-80.00	0.00228
-90.00	-90.00	0.00201	-90.00	-100.00	0.00177
-80.00	100.00	0.00010	-80.00	90.00	0.00011
-80.00	80.00	0.00013	-80.00	70.00	0.00016
-80.00	60.00	0.00020	-80.00	50.00	0.00026
-80.00	40.00	0.00035	-80.00	30.00	0.00049
-80.00	25.00	0.00058	-80.00	20.00	0.00069
-80.00	17.00	0.00076	-80.00	15.00	0.00081
-80.00	13.00	0.00087	-80.00	11.00	0.00093
-80.00	9.00	0.00100	-80.00	-9.00	0.00170
-80.00	-11.00	0.00178	-80.00	-13.00	0.00186
-80.00	-15.00	0.00194	-80.00	-17.00	0.00201
-80.00	-20.00	0.00212	-80.00	-25.00	0.00229
-80.00	-30.00	0.00242	-80.00	-40.00	0.00257
-80.00	-50.00	0.00258	-80.00	-60.00	0.00248
-80.00	-70.00	0.00231	-80.00	-80.00	0.00211
-80.00	-90.00	0.00190	-80.00	-100.00	0.00170
-70.00	100.00	0.00009	-70.00	90.00	0.00011
-70.00	80.00	0.00013	-70.00	70.00	0.00015
-70.00	60.00	0.00019	-70.00	50.00	0.00025
-70.00	40.00	0.00034	-70.00	30.00	0.00045
-70.00	25.00	0.00053	-70.00	20.00	0.00061
-70.00	17.00	0.00067	-70.00	15.00	0.00071
-70.00	13.00	0.00076	-70.00	11.00	0.00080

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00085	-70.00	-9.00	0.00137
-70.00	-11.00	0.00143	-70.00	-13.00	0.00149
-70.00	-15.00	0.00154	-70.00	-17.00	0.00160

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 110

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00169	-70.00	-25.00	0.00182
-70.00	-30.00	0.00194	-70.00	-40.00	0.00210
-70.00	-50.00	0.00216	-70.00	-60.00	0.00214
-70.00	-70.00	0.00205	-70.00	-80.00	0.00192
-70.00	-90.00	0.00177	-70.00	-100.00	0.00161
-60.00	100.00	0.00009	-60.00	90.00	0.00010
-60.00	80.00	0.00012	-60.00	70.00	0.00015
-60.00	60.00	0.00019	-60.00	50.00	0.00024
-60.00	40.00	0.00032	-60.00	30.00	0.00042
-60.00	25.00	0.00048	-60.00	20.00	0.00055
-60.00	17.00	0.00059	-60.00	15.00	0.00063
-60.00	13.00	0.00066	-60.00	11.00	0.00070
-60.00	9.00	0.00074	-60.00	-9.00	0.00113
-60.00	-11.00	0.00117	-60.00	-13.00	0.00122
-60.00	-15.00	0.00126	-60.00	-17.00	0.00130
-60.00	-20.00	0.00137	-60.00	-25.00	0.00148
-60.00	-30.00	0.00157	-60.00	-40.00	0.00172
-60.00	-50.00	0.00181	-60.00	-60.00	0.00183
-60.00	-70.00	0.00180	-60.00	-80.00	0.00172
-60.00	-90.00	0.00161	-60.00	-100.00	0.00150
-50.00	100.00	0.00008	-50.00	90.00	0.00010
-50.00	80.00	0.00012	-50.00	70.00	0.00014
-50.00	60.00	0.00018	-50.00	50.00	0.00023
-50.00	40.00	0.00030	-50.00	30.00	0.00038
-50.00	25.00	0.00043	-50.00	20.00	0.00049
-50.00	17.00	0.00053	-50.00	15.00	0.00055
-50.00	13.00	0.00058	-50.00	11.00	0.00061
-50.00	9.00	0.00064	-50.00	-9.00	0.00095
-50.00	-11.00	0.00098	-50.00	-13.00	0.00101
-50.00	-15.00	0.00105	-50.00	-17.00	0.00108
-50.00	-20.00	0.00113	-50.00	-25.00	0.00122

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00130	-50.00	-40.00	0.00143
-50.00	-50.00	0.00152	-50.00	-60.00	0.00157
-50.00	-70.00	0.00157	-50.00	-80.00	0.00153
-50.00	-90.00	0.00146	-50.00	-100.00	0.00138
-40.00	100.00	0.00008	-40.00	90.00	0.00010
-40.00	80.00	0.00011	-40.00	70.00	0.00014
-40.00	60.00	0.00018	-40.00	50.00	0.00022
-40.00	40.00	0.00028	-40.00	30.00	0.00035
-40.00	25.00	0.00039	-40.00	20.00	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00047	-40.00	15.00	0.00049
-40.00	13.00	0.00051	-40.00	11.00	0.00054
-40.00	9.00	0.00056	-40.00	-9.00	0.00081
-40.00	-11.00	0.00083	-40.00	-13.00	0.00086
-40.00	-15.00	0.00089	-40.00	-17.00	0.00091
-40.00	-20.00	0.00095	-40.00	-25.00	0.00102
-40.00	-30.00	0.00109	-40.00	-40.00	0.00120
-40.00	-50.00	0.00129	-40.00	-60.00	0.00134
-40.00	-70.00	0.00137	-40.00	-80.00	0.00135
-40.00	-90.00	0.00132	-40.00	-100.00	0.00126
-30.00	100.00	0.00008	-30.00	90.00	0.00009
-30.00	80.00	0.00011	-30.00	70.00	0.00014
-30.00	60.00	0.00017	-30.00	50.00	0.00021
-30.00	40.00	0.00026	-30.00	30.00	0.00032
-30.00	25.00	0.00036	-30.00	20.00	0.00039
-30.00	17.00	0.00042	-30.00	15.00	0.00044
-30.00	13.00	0.00046	-30.00	11.00	0.00048
-30.00	9.00	0.00050	-30.00	-9.00	0.00069
-30.00	-11.00	0.00072	-30.00	-13.00	0.00074
-30.00	-15.00	0.00076	-30.00	-17.00	0.00078
-30.00	-20.00	0.00081	-30.00	-25.00	0.00087
-30.00	-30.00	0.00092	-30.00	-40.00	0.00102
-30.00	-50.00	0.00110	-30.00	-60.00	0.00116
-30.00	-70.00	0.00119	-30.00	-80.00	0.00120
-30.00	-90.00	0.00118	-30.00	-100.00	0.00114

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00008	-20.00	90.00	0.00009
-20.00	80.00	0.00011	-20.00	70.00	0.00013
-20.00	60.00	0.00016	-20.00	50.00	0.00020
-20.00	40.00	0.00024	-20.00	30.00	0.00029
-20.00	25.00	0.00032	-20.00	20.00	0.00036
-20.00	17.00	0.00038	-20.00	15.00	0.00040
-20.00	13.00	0.00041	-20.00	11.00	0.00043
-20.00	9.00	0.00044	-20.00	-9.00	0.00060
-20.00	-11.00	0.00062	-20.00	-13.00	0.00064
-20.00	-15.00	0.00066	-20.00	-17.00	0.00068
-20.00	-20.00	0.00070	-20.00	-25.00	0.00075
-20.00	-30.00	0.00079	-20.00	-40.00	0.00088
-20.00	-50.00	0.00095	-20.00	-60.00	0.00100
-20.00	-70.00	0.00104	-20.00	-80.00	0.00106
-20.00	-90.00	0.00105	-20.00	-100.00	0.00104

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00008	-10.00	90.00	0.00009
-10.00	80.00	0.00011	-10.00	70.00	0.00013
-10.00	60.00	0.00016	-10.00	50.00	0.00019
-10.00	40.00	0.00023	-10.00	30.00	0.00027
-10.00	25.00	0.00030	-10.00	20.00	0.00033
-10.00	17.00	0.00034	-10.00	15.00	0.00036
-10.00	13.00	0.00037	-10.00	11.00	0.00038
-10.00	9.00	0.00040	-10.00	-9.00	0.00053
-10.00	-11.00	0.00055	-10.00	-13.00	0.00056
-10.00	-15.00	0.00058	-10.00	-17.00	0.00059
-10.00	-20.00	0.00061	-10.00	-25.00	0.00065
-10.00	-30.00	0.00069	-10.00	-40.00	0.00076
-10.00	-50.00	0.00082	-10.00	-60.00	0.00088
-10.00	-70.00	0.00091	-10.00	-80.00	0.00093
-10.00	-90.00	0.00094	-10.00	-100.00	0.00093
0.00	100.00	0.00007	0.00	90.00	0.00009
0.00	80.00	0.00010	0.00	70.00	0.00013
0.00	60.00	0.00015	0.00	50.00	0.00018
0.00	40.00	0.00021	0.00	30.00	0.00025

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00027	0.00	20.00	0.00030
0.00	17.00	0.00031	0.00	15.00	0.00032
0.00	13.00	0.00034	0.00	11.00	0.00035
0.00	9.00	0.00036	0.00	-9.00	0.00047
0.00	-11.00	0.00048	0.00	-13.00	0.00050
0.00	-15.00	0.00051	0.00	-17.00	0.00052
0.00	-20.00	0.00054	0.00	-25.00	0.00057
0.00	-30.00	0.00060	0.00	-40.00	0.00066
0.00	-50.00	0.00072	0.00	-60.00	0.00077
0.00	-70.00	0.00080	0.00	-80.00	0.00083
0.00	-90.00	0.00084	0.00	-100.00	0.00084
10.00	100.00	0.00007	10.00	90.00	0.00009
10.00	80.00	0.00010	10.00	70.00	0.00012
10.00	60.00	0.00014	10.00	50.00	0.00017
10.00	40.00	0.00020	10.00	30.00	0.00023
10.00	25.00	0.00025	10.00	20.00	0.00027
10.00	17.00	0.00029	10.00	15.00	0.00030
10.00	13.00	0.00031	10.00	11.00	0.00032
10.00	9.00	0.00033	10.00	-9.00	0.00042
10.00	-11.00	0.00043	10.00	-13.00	0.00044
10.00	-15.00	0.00045	10.00	-17.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00048	10.00	-25.00	0.00050
10.00	-30.00	0.00053	10.00	-40.00	0.00059
10.00	-50.00	0.00064	10.00	-60.00	0.00068
10.00	-70.00	0.00071	10.00	-80.00	0.00074
10.00	-90.00	0.00075	10.00	-100.00	0.00076
20.00	100.00	0.00007	20.00	90.00	0.00008
20.00	80.00	0.00010	20.00	70.00	0.00012
20.00	60.00	0.00014	20.00	50.00	0.00016
20.00	40.00	0.00018	20.00	30.00	0.00021
20.00	25.00	0.00023	20.00	20.00	0.00025
20.00	17.00	0.00026	20.00	15.00	0.00027
20.00	13.00	0.00028	20.00	11.00	0.00029
20.00	9.00	0.00030	20.00	-9.00	0.00038

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00039	20.00	-13.00	0.00040
20.00	-15.00	0.00041	20.00	-17.00	0.00041
20.00	-20.00	0.00043	20.00	-25.00	0.00045
20.00	-30.00	0.00047	20.00	-40.00	0.00052
20.00	-50.00	0.00056	20.00	-60.00	0.00060
20.00	-70.00	0.00063	20.00	-80.00	0.00066
20.00	-90.00	0.00068	20.00	-100.00	0.00069
30.00	100.00	0.00007	30.00	90.00	0.00008
30.00	80.00	0.00010	30.00	70.00	0.00011
30.00	60.00	0.00013	30.00	50.00	0.00015
30.00	40.00	0.00017	30.00	30.00	0.00020
30.00	25.00	0.00021	30.00	20.00	0.00023
30.00	17.00	0.00024	30.00	15.00	0.00025
30.00	13.00	0.00026	30.00	11.00	0.00026
30.00	9.00	0.00027	30.00	-9.00	0.00034
30.00	-11.00	0.00035	30.00	-13.00	0.00036
30.00	-15.00	0.00037	30.00	-17.00	0.00037
30.00	-20.00	0.00038	30.00	-25.00	0.00040
30.00	-30.00	0.00042	30.00	-40.00	0.00046
30.00	-50.00	0.00050	30.00	-60.00	0.00054
30.00	-70.00	0.00057	30.00	-80.00	0.00059
30.00	-90.00	0.00061	30.00	-100.00	0.00062
40.00	100.00	0.00007	40.00	90.00	0.00008
40.00	80.00	0.00009	40.00	70.00	0.00011
40.00	60.00	0.00012	40.00	50.00	0.00014
40.00	40.00	0.00016	40.00	30.00	0.00019
40.00	25.00	0.00020	40.00	20.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00022	40.00	15.00	0.00023
40.00	13.00	0.00024	40.00	11.00	0.00024
40.00	9.00	0.00025	40.00	-9.00	0.00031
40.00	-11.00	0.00032	40.00	-13.00	0.00032
40.00	-15.00	0.00033	40.00	-17.00	0.00034
40.00	-20.00	0.00035	40.00	-25.00	0.00036
40.00	-30.00	0.00038	40.00	-40.00	0.00042



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00045	40.00	-60.00	0.00048
40.00	-70.00	0.00051	40.00	-80.00	0.00053
40.00	-90.00	0.00055	40.00	-100.00	0.00056
50.00	100.00	0.00007	50.00	90.00	0.00008
50.00	80.00	0.00009	50.00	70.00	0.00010
50.00	60.00	0.00012	50.00	50.00	0.00013
50.00	40.00	0.00015	50.00	30.00	0.00017
50.00	25.00	0.00019	50.00	20.00	0.00020
50.00	17.00	0.00021	50.00	15.00	0.00021
50.00	13.00	0.00022	50.00	11.00	0.00022
50.00	9.00	0.00023	50.00	-9.00	0.00028
50.00	-11.00	0.00029	50.00	-13.00	0.00030
50.00	-15.00	0.00030	50.00	-17.00	0.00031
50.00	-20.00	0.00032	50.00	-25.00	0.00033
50.00	-30.00	0.00035	50.00	-40.00	0.00038
50.00	-50.00	0.00041	50.00	-60.00	0.00043
50.00	-70.00	0.00046	50.00	-80.00	0.00048
50.00	-90.00	0.00050	50.00	-100.00	0.00051
60.00	100.00	0.00007	60.00	90.00	0.00008
60.00	80.00	0.00009	60.00	70.00	0.00010
60.00	60.00	0.00011	60.00	50.00	0.00013
60.00	40.00	0.00014	60.00	30.00	0.00016
60.00	25.00	0.00017	60.00	20.00	0.00018
60.00	17.00	0.00019	60.00	15.00	0.00020
60.00	13.00	0.00020	60.00	11.00	0.00021
60.00	9.00	0.00021	60.00	-9.00	0.00026
60.00	-11.00	0.00027	60.00	-13.00	0.00027
60.00	-15.00	0.00028	60.00	-17.00	0.00028
60.00	-20.00	0.00029	60.00	-25.00	0.00030
60.00	-30.00	0.00031	60.00	-40.00	0.00034
60.00	-50.00	0.00037	60.00	-60.00	0.00039
60.00	-70.00	0.00042	60.00	-80.00	0.00044
60.00	-90.00	0.00045	60.00	-100.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00006	70.00	90.00	0.00007

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00008	70.00	70.00	0.00009
70.00	60.00	0.00011	70.00	50.00	0.00012
70.00	40.00	0.00013	70.00	30.00	0.00015
70.00	25.00	0.00016	70.00	20.00	0.00017
70.00	17.00	0.00018	70.00	15.00	0.00018
70.00	13.00	0.00019	70.00	11.00	0.00019
70.00	9.00	0.00020	70.00	-9.00	0.00024
70.00	-11.00	0.00024	70.00	-13.00	0.00025
70.00	-15.00	0.00025	70.00	-17.00	0.00026
70.00	-20.00	0.00026	70.00	-25.00	0.00028
70.00	-30.00	0.00029	70.00	-40.00	0.00031
70.00	-50.00	0.00033	70.00	-60.00	0.00036
70.00	-70.00	0.00038	70.00	-80.00	0.00040
70.00	-90.00	0.00041	70.00	-100.00	0.00043
80.00	100.00	0.00006	80.00	90.00	0.00007
80.00	80.00	0.00008	80.00	70.00	0.00009
80.00	60.00	0.00010	80.00	50.00	0.00011
80.00	40.00	0.00013	80.00	30.00	0.00014
80.00	25.00	0.00015	80.00	20.00	0.00016
80.00	17.00	0.00017	80.00	15.00	0.00017
80.00	13.00	0.00018	80.00	11.00	0.00018
80.00	9.00	0.00018	80.00	-9.00	0.00022
80.00	-11.00	0.00022	80.00	-13.00	0.00023
80.00	-15.00	0.00023	80.00	-17.00	0.00024
80.00	-20.00	0.00024	80.00	-25.00	0.00025
80.00	-30.00	0.00026	80.00	-40.00	0.00028
80.00	-50.00	0.00031	80.00	-60.00	0.00033
80.00	-70.00	0.00035	80.00	-80.00	0.00036
80.00	-90.00	0.00038	80.00	-100.00	0.00039
90.00	100.00	0.00006	90.00	90.00	0.00007
90.00	80.00	0.00008	90.00	70.00	0.00009
90.00	60.00	0.00010	90.00	50.00	0.00011
90.00	40.00	0.00012	90.00	30.00	0.00013
90.00	25.00	0.00014	90.00	20.00	0.00015
90.00	17.00	0.00016	90.00	15.00	0.00016
90.00	13.00	0.00016	90.00	11.00	0.00017
90.00	9.00	0.00017	90.00	-9.00	0.00020
90.00	-11.00	0.00021	90.00	-13.00	0.00021
90.00	-15.00	0.00022	90.00	-17.00	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00022	90.00	-25.00	0.00023	
90.00	-30.00	0.00024	90.00	-40.00	0.00026	
90.00	-50.00	0.00028	90.00	-60.00	0.00030	
90.00	-70.00	0.00032	90.00	-80.00	0.00033	
90.00	-90.00	0.00035	90.00	-100.00	0.00036	
100.00	100.00	0.00006	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00008	
100.00	60.00	0.00009	100.00	50.00	0.00010	
100.00	40.00	0.00011	100.00	30.00	0.00013	
100.00	25.00	0.00013	100.00	20.00	0.00014	
100.00	17.00	0.00015	100.00	15.00	0.00015	
100.00	13.00	0.00015	100.00	11.00	0.00016	
100.00	9.00	0.00016	100.00	-9.00	0.00019	
100.00	-11.00	0.00019	100.00	-13.00	0.00020	
100.00	-15.00	0.00020	100.00	-17.00	0.00020	
100.00	-20.00	0.00021	100.00	-25.00	0.00022	
100.00	-30.00	0.00022	100.00	-40.00	0.00024	
100.00	-50.00	0.00026	100.00	-60.00	0.00027	
100.00	-70.00	0.00029	100.00	-80.00	0.00031	
100.00	-90.00	0.00032	100.00	-100.00	0.00033	
110.00	100.00	0.00006	110.00	90.00	0.00006	
110.00	80.00	0.00007	110.00	70.00	0.00008	
110.00	60.00	0.00009	110.00	50.00	0.00010	
110.00	40.00	0.00011	110.00	30.00	0.00012	
110.00	25.00	0.00013	110.00	20.00	0.00013	
110.00	17.00	0.00014	110.00	15.00	0.00014	
110.00	13.00	0.00014	110.00	11.00	0.00015	
110.00	9.00	0.00015	110.00	-9.00	0.00018	
110.00	-11.00	0.00018	110.00	-13.00	0.00018	
110.00	-15.00	0.00019	110.00	-17.00	0.00019	
110.00	-20.00	0.00019	110.00	-25.00	0.00020	
110.00	-30.00	0.00021	110.00	-40.00	0.00022	
110.00	-50.00	0.00024	110.00	-60.00	0.00025	
110.00	-70.00	0.00027	110.00	-80.00	0.00028	
110.00	-90.00	0.00030	110.00	-100.00	0.00031	
120.00	100.00	0.00006	120.00	90.00	0.00006	
120.00	80.00	0.00007	120.00	70.00	0.00008	
120.00	60.00	0.00008	120.00	50.00	0.00009	
120.00	40.00	0.00010	120.00	30.00	0.00011	

120.00 25.00 0.00012 120.00 20.00 0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00013	120.00	15.00	0.00013
120.00	13.00	0.00014	120.00	11.00	0.00014
120.00	9.00	0.00014	120.00	-9.00	0.00017
120.00	-11.00	0.00017	120.00	-13.00	0.00017
120.00	-15.00	0.00017	120.00	-17.00	0.00018
120.00	-20.00	0.00018	120.00	-25.00	0.00019
120.00	-30.00	0.00019	120.00	-40.00	0.00021
120.00	-50.00	0.00022	120.00	-60.00	0.00023
120.00	-70.00	0.00025	120.00	-80.00	0.00026
120.00	-90.00	0.00027	120.00	-100.00	0.00028
130.00	100.00	0.00005	130.00	90.00	0.00006
130.00	80.00	0.00007	130.00	70.00	0.00007
130.00	60.00	0.00008	130.00	50.00	0.00009
130.00	40.00	0.00010	130.00	30.00	0.00011
130.00	25.00	0.00011	130.00	20.00	0.00012
130.00	17.00	0.00012	130.00	15.00	0.00013
130.00	13.00	0.00013	130.00	11.00	0.00013
130.00	9.00	0.00013	130.00	-9.00	0.00015
130.00	-11.00	0.00016	130.00	-13.00	0.00016
130.00	-15.00	0.00016	130.00	-17.00	0.00016
130.00	-20.00	0.00017	130.00	-25.00	0.00017
130.00	-30.00	0.00018	130.00	-40.00	0.00019
130.00	-50.00	0.00020	130.00	-60.00	0.00022
130.00	-70.00	0.00023	130.00	-80.00	0.00024
130.00	-90.00	0.00025	130.00	-100.00	0.00026
140.00	100.00	0.00005	140.00	90.00	0.00006
140.00	80.00	0.00006	140.00	70.00	0.00007
140.00	60.00	0.00008	140.00	50.00	0.00008
140.00	40.00	0.00009	140.00	30.00	0.00010
140.00	25.00	0.00011	140.00	20.00	0.00011
140.00	17.00	0.00012	140.00	15.00	0.00012
140.00	13.00	0.00012	140.00	11.00	0.00012
140.00	9.00	0.00013	140.00	-9.00	0.00015

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00015	140.00	-13.00	0.00015
140.00	-15.00	0.00015	140.00	-17.00	0.00015
140.00	-20.00	0.00016	140.00	-25.00	0.00016
140.00	-30.00	0.00017	140.00	-40.00	0.00018
140.00	-50.00	0.00019	140.00	-60.00	0.00020
140.00	-70.00	0.00021	140.00	-80.00	0.00023
140.00	-90.00	0.00024	140.00	-100.00	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00006
150.00	80.00	0.00006	150.00	70.00	0.00007
150.00	60.00	0.00007	150.00	50.00	0.00008
150.00	40.00	0.00009	150.00	30.00	0.00010
150.00	25.00	0.00010	150.00	20.00	0.00011
150.00	17.00	0.00011	150.00	15.00	0.00011
150.00	13.00	0.00011	150.00	11.00	0.00012
150.00	9.00	0.00012	150.00	-9.00	0.00014
150.00	-11.00	0.00014	150.00	-13.00	0.00014
150.00	-15.00	0.00014	150.00	-17.00	0.00014
150.00	-20.00	0.00015	150.00	-25.00	0.00015
150.00	-30.00	0.00016	150.00	-40.00	0.00017
150.00	-50.00	0.00018	150.00	-60.00	0.00019
150.00	-70.00	0.00020	150.00	-80.00	0.00021
150.00	-90.00	0.00022	150.00	-100.00	0.00023
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00006	160.00	70.00	0.00006
160.00	60.00	0.00007	160.00	50.00	0.00008
160.00	40.00	0.00008	160.00	30.00	0.00009
160.00	25.00	0.00010	160.00	20.00	0.00010
160.00	17.00	0.00010	160.00	15.00	0.00011
160.00	13.00	0.00011	160.00	11.00	0.00011
160.00	9.00	0.00011	160.00	-9.00	0.00013
160.00	-11.00	0.00013	160.00	-13.00	0.00013
160.00	-15.00	0.00013	160.00	-17.00	0.00014
160.00	-20.00	0.00014	160.00	-25.00	0.00014
160.00	-30.00	0.00015	160.00	-40.00	0.00016

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00017	160.00	-60.00	0.00018
160.00	-70.00	0.00019	160.00	-80.00	0.00020
160.00	-90.00	0.00021	160.00	-100.00	0.00021
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00006	170.00	70.00	0.00006
170.00	60.00	0.00007	170.00	50.00	0.00007
170.00	40.00	0.00008	170.00	30.00	0.00009
170.00	25.00	0.00009	170.00	20.00	0.00010
170.00	17.00	0.00010	170.00	15.00	0.00010
170.00	13.00	0.00010	170.00	11.00	0.00010
170.00	9.00	0.00011	170.00	-9.00	0.00012
170.00	-11.00	0.00012	170.00	-13.00	0.00013
170.00	-15.00	0.00013	170.00	-17.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00013	170.00	-25.00	0.00014
170.00	-30.00	0.00014	170.00	-40.00	0.00015
170.00	-50.00	0.00016	170.00	-60.00	0.00017
170.00	-70.00	0.00017	170.00	-80.00	0.00018
170.00	-90.00	0.00019	170.00	-100.00	0.00020
180.00	100.00	0.00005	180.00	90.00	0.00005
180.00	80.00	0.00006	180.00	70.00	0.00006
180.00	60.00	0.00006	180.00	50.00	0.00007
180.00	40.00	0.00008	180.00	30.00	0.00008
180.00	25.00	0.00009	180.00	20.00	0.00009
180.00	17.00	0.00009	180.00	15.00	0.00010
180.00	13.00	0.00010	180.00	11.00	0.00010
180.00	9.00	0.00010	180.00	-9.00	0.00012
180.00	-11.00	0.00012	180.00	-13.00	0.00012
180.00	-15.00	0.00012	180.00	-17.00	0.00012
180.00	-20.00	0.00012	180.00	-25.00	0.00013
180.00	-30.00	0.00013	180.00	-40.00	0.00014
180.00	-50.00	0.00015	180.00	-60.00	0.00016
180.00	-70.00	0.00016	180.00	-80.00	0.00017
180.00	-90.00	0.00018	180.00	-100.00	0.00019
190.00	100.00	0.00005	190.00	90.00	0.00005

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00006
190.00	60.00	0.00006	190.00	50.00	0.00007
190.00	40.00	0.00007	190.00	30.00	0.00008
190.00	25.00	0.00008	190.00	20.00	0.00009
190.00	17.00	0.00009	190.00	15.00	0.00009
190.00	13.00	0.00009	190.00	11.00	0.00009
190.00	9.00	0.00010	190.00	-9.00	0.00011
190.00	-11.00	0.00011	190.00	-13.00	0.00011
190.00	-15.00	0.00011	190.00	-17.00	0.00011
190.00	-20.00	0.00012	190.00	-25.00	0.00012
190.00	-30.00	0.00012	190.00	-40.00	0.00013
190.00	-50.00	0.00014	190.00	-60.00	0.00015
190.00	-70.00	0.00015	190.00	-80.00	0.00016
190.00	-90.00	0.00017	190.00	-100.00	0.00018
200.00	100.00	0.00004	200.00	90.00	0.00005
200.00	80.00	0.00005	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00007
200.00	40.00	0.00007	200.00	30.00	0.00008
200.00	25.00	0.00008	200.00	20.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00009	200.00	15.00	0.00009
200.00	13.00	0.00009	200.00	11.00	0.00009
200.00	9.00	0.00009	200.00	-9.00	0.00010
200.00	-11.00	0.00010	200.00	-13.00	0.00011
200.00	-15.00	0.00011	200.00	-17.00	0.00011
200.00	-20.00	0.00011	200.00	-25.00	0.00011
200.00	-30.00	0.00012	200.00	-40.00	0.00012
200.00	-50.00	0.00013	200.00	-60.00	0.00014
200.00	-70.00	0.00014	200.00	-80.00	0.00015
200.00	-90.00	0.00016	200.00	-100.00	0.00017
210.00	100.00	0.00004	210.00	90.00	0.00005
210.00	80.00	0.00005	210.00	70.00	0.00005
210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00007	210.00	30.00	0.00007
210.00	25.00	0.00008	210.00	20.00	0.00008

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00008	210.00	15.00	0.00008
210.00	13.00	0.00008	210.00	11.00	0.00009
210.00	9.00	0.00009	210.00	-9.00	0.00010
210.00	-11.00	0.00010	210.00	-13.00	0.00010
210.00	-15.00	0.00010	210.00	-17.00	0.00010
210.00	-20.00	0.00010	210.00	-25.00	0.00011
210.00	-30.00	0.00011	210.00	-40.00	0.00012
210.00	-50.00	0.00012	210.00	-60.00	0.00013
210.00	-70.00	0.00014	210.00	-80.00	0.00014
210.00	-90.00	0.00015	210.00	-100.00	0.00016
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00006	220.00	50.00	0.00006
220.00	40.00	0.00007	220.00	30.00	0.00007
220.00	25.00	0.00007	220.00	20.00	0.00008
220.00	17.00	0.00008	220.00	15.00	0.00008
220.00	13.00	0.00008	220.00	11.00	0.00008
220.00	9.00	0.00008	220.00	-9.00	0.00009
220.00	-11.00	0.00009	220.00	-13.00	0.00010
220.00	-15.00	0.00010	220.00	-17.00	0.00010
220.00	-20.00	0.00010	220.00	-25.00	0.00010
220.00	-30.00	0.00011	220.00	-40.00	0.00011
220.00	-50.00	0.00012	220.00	-60.00	0.00012
220.00	-70.00	0.00013	220.00	-80.00	0.00013
220.00	-90.00	0.00014	220.00	-100.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00006
230.00	40.00	0.00006	230.00	30.00	0.00007
230.00	25.00	0.00007	230.00	20.00	0.00007
230.00	17.00	0.00007	230.00	15.00	0.00008
230.00	13.00	0.00008	230.00	11.00	0.00008
230.00	9.00	0.00008	230.00	-9.00	0.00009
230.00	-11.00	0.00009	230.00	-13.00	0.00009



09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00009	230.00	-17.00	0.00009
230.00	-20.00	0.00009	230.00	-25.00	0.00010
230.00	-30.00	0.00010	230.00	-40.00	0.00011
230.00	-50.00	0.00011	230.00	-60.00	0.00012
230.00	-70.00	0.00012	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00014
240.00	100.00	0.00004	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00006
240.00	40.00	0.00006	240.00	30.00	0.00007
240.00	25.00	0.00007	240.00	20.00	0.00007
240.00	17.00	0.00007	240.00	15.00	0.00007
240.00	13.00	0.00007	240.00	11.00	0.00007
240.00	9.00	0.00008	240.00	-9.00	0.00008
240.00	-11.00	0.00009	240.00	-13.00	0.00009
240.00	-15.00	0.00009	240.00	-17.00	0.00009
240.00	-20.00	0.00009	240.00	-25.00	0.00009
240.00	-30.00	0.00010	240.00	-40.00	0.00010
240.00	-50.00	0.00011	240.00	-60.00	0.00011
240.00	-70.00	0.00012	240.00	-80.00	0.00012
240.00	-90.00	0.00013	240.00	-100.00	0.00013
250.00	100.00	0.00004	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00005
250.00	40.00	0.00006	250.00	30.00	0.00006
250.00	25.00	0.00006	250.00	20.00	0.00007
250.00	17.00	0.00007	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00008
250.00	-15.00	0.00008	250.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00009	250.00	-25.00	0.00009
250.00	-30.00	0.00009	250.00	-40.00	0.00010
250.00	-50.00	0.00010	250.00	-60.00	0.00010

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00011	250.00	-80.00	0.00011
250.00	-90.00	0.00012	250.00	-100.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00090	-250.00	90.00	0.00100
-250.00	80.00	0.00110	-250.00	70.00	0.00122
-250.00	60.00	0.00136	-250.00	50.00	0.00151
-250.00	40.00	0.00167	-250.00	30.00	0.00181
-250.00	25.00	0.00186	-250.00	20.00	0.00188
-250.00	17.00	0.00188	-250.00	15.00	0.00186
-250.00	13.00	0.00184	-250.00	11.00	0.00180
-250.00	9.00	0.00176	-250.00	-9.00	0.00123
-250.00	-11.00	0.00120	-250.00	-13.00	0.00118
-250.00	-15.00	0.00117	-250.00	-17.00	0.00115
-250.00	-20.00	0.00112	-250.00	-25.00	0.00108
-250.00	-30.00	0.00104	-250.00	-40.00	0.00095
-250.00	-50.00	0.00088	-250.00	-60.00	0.00082
-250.00	-70.00	0.00076	-250.00	-80.00	0.00071
-250.00	-90.00	0.00066	-250.00	-100.00	0.00061
-240.00	100.00	0.00093	-240.00	90.00	0.00103
-240.00	80.00	0.00114	-240.00	70.00	0.00128
-240.00	60.00	0.00144	-240.00	50.00	0.00163
-240.00	40.00	0.00185	-240.00	30.00	0.00209
-240.00	25.00	0.00220	-240.00	20.00	0.00228
-240.00	17.00	0.00230	-240.00	15.00	0.00230
-240.00	13.00	0.00229	-240.00	11.00	0.00226
-240.00	9.00	0.00221	-240.00	-9.00	0.00144
-240.00	-11.00	0.00140	-240.00	-13.00	0.00137
-240.00	-15.00	0.00135	-240.00	-17.00	0.00132
-240.00	-20.00	0.00128	-240.00	-25.00	0.00123
-240.00	-30.00	0.00118	-240.00	-40.00	0.00109
-240.00	-50.00	0.00100	-240.00	-60.00	0.00092
-240.00	-70.00	0.00085	-240.00	-80.00	0.00078
-240.00	-90.00	0.00072	-240.00	-100.00	0.00067
-230.00	100.00	0.00095	-230.00	90.00	0.00105
-230.00	80.00	0.00118	-230.00	70.00	0.00132

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00150	-230.00	50.00	0.00171
-230.00	40.00	0.00198	-230.00	30.00	0.00229
-230.00	25.00	0.00247	-230.00	20.00	0.00264
-230.00	17.00	0.00274	-230.00	15.00	0.00279
-230.00	13.00	0.00284	-230.00	11.00	0.00288
-230.00	9.00	0.00288	-230.00	-9.00	0.00172
-230.00	-11.00	0.00166	-230.00	-13.00	0.00162
-230.00	-15.00	0.00158	-230.00	-17.00	0.00155

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00151	-230.00	-25.00	0.00144
-230.00	-30.00	0.00138	-230.00	-40.00	0.00127
-230.00	-50.00	0.00116	-230.00	-60.00	0.00105
-230.00	-70.00	0.00096	-230.00	-80.00	0.00088
-230.00	-90.00	0.00081	-230.00	-100.00	0.00075
-220.00	100.00	0.00097	-220.00	90.00	0.00107
-220.00	80.00	0.00120	-220.00	70.00	0.00136
-220.00	60.00	0.00154	-220.00	50.00	0.00177
-220.00	40.00	0.00206	-220.00	30.00	0.00241
-220.00	25.00	0.00262	-220.00	20.00	0.00283
-220.00	17.00	0.00296	-220.00	15.00	0.00304
-220.00	13.00	0.00312	-220.00	11.00	0.00321
-220.00	9.00	0.00331	-220.00	-9.00	0.00285
-220.00	-11.00	0.00256	-220.00	-13.00	0.00238
-220.00	-15.00	0.00225	-220.00	-17.00	0.00215
-220.00	-20.00	0.00204	-220.00	-25.00	0.00190
-220.00	-30.00	0.00178	-220.00	-40.00	0.00158
-220.00	-50.00	0.00141	-220.00	-60.00	0.00126
-220.00	-70.00	0.00113	-220.00	-80.00	0.00102
-220.00	-90.00	0.00093	-220.00	-100.00	0.00084
-210.00	100.00	0.00098	-210.00	90.00	0.00109
-210.00	80.00	0.00122	-210.00	70.00	0.00138
-210.00	60.00	0.00158	-210.00	50.00	0.00182
-210.00	40.00	0.00212	-210.00	30.00	0.00250
-210.00	25.00	0.00273	-210.00	20.00	0.00297
-210.00	17.00	0.00312	-210.00	15.00	0.00322

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00333	-210.00	11.00	0.00345
-210.00	9.00	0.00361	-210.00	-9.00	0.00547
-210.00	-11.00	0.00488	-210.00	-13.00	0.00439
-210.00	-15.00	0.00399	-210.00	-17.00	0.00367
-210.00	-20.00	0.00328	-210.00	-25.00	0.00282
-210.00	-30.00	0.00251	-210.00	-40.00	0.00207
-210.00	-50.00	0.00177	-210.00	-60.00	0.00154
-210.00	-70.00	0.00135	-210.00	-80.00	0.00120
-210.00	-90.00	0.00107	-210.00	-100.00	0.00097
-200.00	100.00	0.00099	-200.00	90.00	0.00111
-200.00	80.00	0.00124	-200.00	70.00	0.00141
-200.00	60.00	0.00161	-200.00	50.00	0.00186
-200.00	40.00	0.00218	-200.00	30.00	0.00259
-200.00	25.00	0.00283	-200.00	20.00	0.00310

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00328	-200.00	15.00	0.00341
-200.00	13.00	0.00356	-200.00	11.00	0.00373
-200.00	9.00	0.00397	-200.00	-9.00	0.00733
-200.00	-11.00	0.00679	-200.00	-13.00	0.00630
-200.00	-15.00	0.00585	-200.00	-17.00	0.00544
-200.00	-20.00	0.00489	-200.00	-25.00	0.00415
-200.00	-30.00	0.00357	-200.00	-40.00	0.00278
-200.00	-50.00	0.00225	-200.00	-60.00	0.00189
-200.00	-70.00	0.00162	-200.00	-80.00	0.00141
-200.00	-90.00	0.00124	-200.00	-100.00	0.00110
-190.00	100.00	0.00100	-190.00	90.00	0.00112
-190.00	80.00	0.00126	-190.00	70.00	0.00143
-190.00	60.00	0.00164	-190.00	50.00	0.00190
-190.00	40.00	0.00224	-190.00	30.00	0.00267
-190.00	25.00	0.00293	-190.00	20.00	0.00323
-190.00	17.00	0.00345	-190.00	15.00	0.00361
-190.00	13.00	0.00379	-190.00	11.00	0.00402
-190.00	9.00	0.00430	-190.00	-9.00	0.00851
-190.00	-11.00	0.00804	-190.00	-13.00	0.00760
-190.00	-15.00	0.00719	-190.00	-17.00	0.00680

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00625	-190.00	-25.00	0.00541
-190.00	-30.00	0.00469	-190.00	-40.00	0.00360
-190.00	-50.00	0.00285	-190.00	-60.00	0.00232
-190.00	-70.00	0.00194	-190.00	-80.00	0.00165
-190.00	-90.00	0.00143	-190.00	-100.00	0.00126
-180.00	100.00	0.00101	-180.00	90.00	0.00113
-180.00	80.00	0.00128	-180.00	70.00	0.00145
-180.00	60.00	0.00167	-180.00	50.00	0.00194
-180.00	40.00	0.00228	-180.00	30.00	0.00274
-180.00	25.00	0.00302	-180.00	20.00	0.00336
-180.00	17.00	0.00361	-180.00	15.00	0.00379
-180.00	13.00	0.00401	-180.00	11.00	0.00426
-180.00	9.00	0.00459	-180.00	-9.00	0.00930
-180.00	-11.00	0.00887	-180.00	-13.00	0.00848
-180.00	-15.00	0.00811	-180.00	-17.00	0.00775
-180.00	-20.00	0.00723	-180.00	-25.00	0.00641
-180.00	-30.00	0.00566	-180.00	-40.00	0.00441
-180.00	-50.00	0.00348	-180.00	-60.00	0.00281
-180.00	-70.00	0.00231	-180.00	-80.00	0.00194
-180.00	-90.00	0.00166	-180.00	-100.00	0.00144

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00102	-170.00	90.00	0.00114
-170.00	80.00	0.00129	-170.00	70.00	0.00147
-170.00	60.00	0.00169	-170.00	50.00	0.00197
-170.00	40.00	0.00233	-170.00	30.00	0.00280
-170.00	25.00	0.00311	-170.00	20.00	0.00349
-170.00	17.00	0.00376	-170.00	15.00	0.00396
-170.00	13.00	0.00420	-170.00	11.00	0.00447
-170.00	9.00	0.00482	-170.00	-9.00	0.00987
-170.00	-11.00	0.00945	-170.00	-13.00	0.00910
-170.00	-15.00	0.00875	-170.00	-17.00	0.00842
-170.00	-20.00	0.00793	-170.00	-25.00	0.00715
-170.00	-30.00	0.00641	-170.00	-40.00	0.00511
-170.00	-50.00	0.00408	-170.00	-60.00	0.00329
-170.00	-70.00	0.00270	-170.00	-80.00	0.00225

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00190	-170.00	-100.00	0.00164
-160.00	100.00	0.00103	-160.00	90.00	0.00115
-160.00	80.00	0.00130	-160.00	70.00	0.00149
-160.00	60.00	0.00171	-160.00	50.00	0.00199
-160.00	40.00	0.00237	-160.00	30.00	0.00287
-160.00	25.00	0.00320	-160.00	20.00	0.00360
-160.00	17.00	0.00389	-160.00	15.00	0.00411
-160.00	13.00	0.00435	-160.00	11.00	0.00464
-160.00	9.00	0.00501	-160.00	-9.00	0.01028
-160.00	-11.00	0.00987	-160.00	-13.00	0.00954
-160.00	-15.00	0.00922	-160.00	-17.00	0.00891
-160.00	-20.00	0.00844	-160.00	-25.00	0.00769
-160.00	-30.00	0.00698	-160.00	-40.00	0.00568
-160.00	-50.00	0.00460	-160.00	-60.00	0.00374
-160.00	-70.00	0.00308	-160.00	-80.00	0.00256
-160.00	-90.00	0.00216	-160.00	-100.00	0.00185
-150.00	100.00	0.00103	-150.00	90.00	0.00116
-150.00	80.00	0.00131	-150.00	70.00	0.00150
-150.00	60.00	0.00173	-150.00	50.00	0.00202
-150.00	40.00	0.00240	-150.00	30.00	0.00293
-150.00	25.00	0.00328	-150.00	20.00	0.00370
-150.00	17.00	0.00400	-150.00	15.00	0.00423
-150.00	13.00	0.00449	-150.00	11.00	0.00479
-150.00	9.00	0.00516	-150.00	-9.00	0.01059
-150.00	-11.00	0.01020	-150.00	-13.00	0.00987
-150.00	-15.00	0.00957	-150.00	-17.00	0.00927

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00883	-150.00	-25.00	0.00810
-150.00	-30.00	0.00741	-150.00	-40.00	0.00614
-150.00	-50.00	0.00505	-150.00	-60.00	0.00415
-150.00	-70.00	0.00343	-150.00	-80.00	0.00287
-150.00	-90.00	0.00242	-150.00	-100.00	0.00207
-140.00	100.00	0.00104	-140.00	90.00	0.00117
-140.00	80.00	0.00132	-140.00	70.00	0.00151
-140.00	60.00	0.00175	-140.00	50.00	0.00204

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00244	-140.00	30.00	0.00299
-140.00	25.00	0.00335	-140.00	20.00	0.00379
-140.00	17.00	0.00410	-140.00	15.00	0.00433
-140.00	13.00	0.00460	-140.00	11.00	0.00492
-140.00	9.00	0.00531	-140.00	-9.00	0.01085
-140.00	-11.00	0.01047	-140.00	-13.00	0.01012
-140.00	-15.00	0.00983	-140.00	-17.00	0.00955
-140.00	-20.00	0.00913	-140.00	-25.00	0.00842
-140.00	-30.00	0.00775	-140.00	-40.00	0.00650
-140.00	-50.00	0.00541	-140.00	-60.00	0.00450
-140.00	-70.00	0.00375	-140.00	-80.00	0.00315
-140.00	-90.00	0.00267	-140.00	-100.00	0.00228
-130.00	100.00	0.00104	-130.00	90.00	0.00117
-130.00	80.00	0.00133	-130.00	70.00	0.00152
-130.00	60.00	0.00176	-130.00	50.00	0.00207
-130.00	40.00	0.00248	-130.00	30.00	0.00304
-130.00	25.00	0.00341	-130.00	20.00	0.00386
-130.00	17.00	0.00418	-130.00	15.00	0.00442
-130.00	13.00	0.00469	-130.00	11.00	0.00503
-130.00	9.00	0.00543	-130.00	-9.00	0.01099
-130.00	-11.00	0.01068	-130.00	-13.00	0.01036
-130.00	-15.00	0.01004	-130.00	-17.00	0.00977
-130.00	-20.00	0.00936	-130.00	-25.00	0.00868
-130.00	-30.00	0.00801	-130.00	-40.00	0.00679
-130.00	-50.00	0.00572	-130.00	-60.00	0.00480
-130.00	-70.00	0.00403	-130.00	-80.00	0.00341
-130.00	-90.00	0.00290	-130.00	-100.00	0.00248
-120.00	100.00	0.00104	-120.00	90.00	0.00118
-120.00	80.00	0.00134	-120.00	70.00	0.00153
-120.00	60.00	0.00178	-120.00	50.00	0.00209
-120.00	40.00	0.00251	-120.00	30.00	0.00309
-120.00	25.00	0.00347	-120.00	20.00	0.00393

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00425	-120.00	15.00	0.00450
-120.00	13.00	0.00478	-120.00	11.00	0.00511

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00552	-120.00	-9.00	0.01108
-120.00	-11.00	0.01077	-120.00	-13.00	0.01049
-120.00	-15.00	0.01023	-120.00	-17.00	0.00996
-120.00	-20.00	0.00955	-120.00	-25.00	0.00889
-120.00	-30.00	0.00823	-120.00	-40.00	0.00703
-120.00	-50.00	0.00596	-120.00	-60.00	0.00505
-120.00	-70.00	0.00428	-120.00	-80.00	0.00364
-120.00	-90.00	0.00311	-120.00	-100.00	0.00268
-110.00	100.00	0.00105	-110.00	90.00	0.00118
-110.00	80.00	0.00134	-110.00	70.00	0.00154
-110.00	60.00	0.00179	-110.00	50.00	0.00211
-110.00	40.00	0.00254	-110.00	30.00	0.00313
-110.00	25.00	0.00351	-110.00	20.00	0.00398
-110.00	17.00	0.00432	-110.00	15.00	0.00457
-110.00	13.00	0.00485	-110.00	11.00	0.00518
-110.00	9.00	0.00560	-110.00	-9.00	0.01121
-110.00	-11.00	0.01090	-110.00	-13.00	0.01061
-110.00	-15.00	0.01035	-110.00	-17.00	0.01008
-110.00	-20.00	0.00969	-110.00	-25.00	0.00905
-110.00	-30.00	0.00841	-110.00	-40.00	0.00723
-110.00	-50.00	0.00617	-110.00	-60.00	0.00526
-110.00	-70.00	0.00449	-110.00	-80.00	0.00384
-110.00	-90.00	0.00330	-110.00	-100.00	0.00285
-100.00	100.00	0.00105	-100.00	90.00	0.00118
-100.00	80.00	0.00134	-100.00	70.00	0.00155
-100.00	60.00	0.00180	-100.00	50.00	0.00213
-100.00	40.00	0.00257	-100.00	30.00	0.00317
-100.00	25.00	0.00356	-100.00	20.00	0.00403
-100.00	17.00	0.00437	-100.00	15.00	0.00462
-100.00	13.00	0.00491	-100.00	11.00	0.00525
-100.00	9.00	0.00566	-100.00	-9.00	0.01131
-100.00	-11.00	0.01100	-100.00	-13.00	0.01072
-100.00	-15.00	0.01046	-100.00	-17.00	0.01020
-100.00	-20.00	0.00981	-100.00	-25.00	0.00918
-100.00	-30.00	0.00856	-100.00	-40.00	0.00739
-100.00	-50.00	0.00634	-100.00	-60.00	0.00544
-100.00	-70.00	0.00467	-100.00	-80.00	0.00402
-100.00	-90.00	0.00348	-100.00	-100.00	0.00302

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00104	-90.00	90.00	0.00118	
-90.00	80.00	0.00135	-90.00	70.00	0.00155	
-90.00	60.00	0.00181	-90.00	50.00	0.00215	
-90.00	40.00	0.00259	-90.00	30.00	0.00320	
-90.00	25.00	0.00360	-90.00	20.00	0.00408	
-90.00	17.00	0.00441	-90.00	15.00	0.00467	
-90.00	13.00	0.00496	-90.00	11.00	0.00530	
-90.00	9.00	0.00571	-90.00	-9.00	0.01141	
-90.00	-11.00	0.01109	-90.00	-13.00	0.01082	
-90.00	-15.00	0.01055	-90.00	-17.00	0.01029	
-90.00	-20.00	0.00992	-90.00	-25.00	0.00929	
-90.00	-30.00	0.00867	-90.00	-40.00	0.00752	
-90.00	-50.00	0.00649	-90.00	-60.00	0.00559	
-90.00	-70.00	0.00483	-90.00	-80.00	0.00418	
-90.00	-90.00	0.00363	-90.00	-100.00	0.00316	
-80.00	100.00	0.00104	-80.00	90.00	0.00118	
-80.00	80.00	0.00135	-80.00	70.00	0.00156	
-80.00	60.00	0.00182	-80.00	50.00	0.00216	
-80.00	40.00	0.00262	-80.00	30.00	0.00323	
-80.00	25.00	0.00363	-80.00	20.00	0.00411	
-80.00	17.00	0.00446	-80.00	15.00	0.00472	
-80.00	13.00	0.00501	-80.00	11.00	0.00535	
-80.00	9.00	0.00576	-80.00	-9.00	0.01151	
-80.00	-11.00	0.01117	-80.00	-13.00	0.01090	
-80.00	-15.00	0.01063	-80.00	-17.00	0.01037	
-80.00	-20.00	0.01000	-80.00	-25.00	0.00938	
-80.00	-30.00	0.00877	-80.00	-40.00	0.00763	
-80.00	-50.00	0.00661	-80.00	-60.00	0.00573	
-80.00	-70.00	0.00496	-80.00	-80.00	0.00432	
-80.00	-90.00	0.00376	-80.00	-100.00	0.00329	
-70.00	100.00	0.00104	-70.00	90.00	0.00118	
-70.00	80.00	0.00135	-70.00	70.00	0.00156	
-70.00	60.00	0.00183	-70.00	50.00	0.00218	
-70.00	40.00	0.00263	-70.00	30.00	0.00326	
-70.00	25.00	0.00366	-70.00	20.00	0.00415	
-70.00	17.00	0.00449	-70.00	15.00	0.00475	
-70.00	13.00	0.00505	-70.00	11.00	0.00539	
-70.00	9.00	0.00580	-70.00	-9.00	0.01159	
-70.00	-11.00	0.01124	-70.00	-13.00	0.01097	
-70.00	-15.00	0.01071	-70.00	-17.00	0.01045	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.01007	-70.00	-25.00	0.00945
-70.00	-30.00	0.00886	-70.00	-40.00	0.00773
-70.00	-50.00	0.00672	-70.00	-60.00	0.00584
-70.00	-70.00	0.00508	-70.00	-80.00	0.00443
-70.00	-90.00	0.00388	-70.00	-100.00	0.00341
-60.00	100.00	0.00104	-60.00	90.00	0.00118
-60.00	80.00	0.00135	-60.00	70.00	0.00157
-60.00	60.00	0.00184	-60.00	50.00	0.00219
-60.00	40.00	0.00265	-60.00	30.00	0.00328
-60.00	25.00	0.00369	-60.00	20.00	0.00418
-60.00	17.00	0.00453	-60.00	15.00	0.00479
-60.00	13.00	0.00508	-60.00	11.00	0.00542
-60.00	9.00	0.00583	-60.00	-9.00	0.01166
-60.00	-11.00	0.01131	-60.00	-13.00	0.01102
-60.00	-15.00	0.01077	-60.00	-17.00	0.01052
-60.00	-20.00	0.01014	-60.00	-25.00	0.00952
-60.00	-30.00	0.00893	-60.00	-40.00	0.00781
-60.00	-50.00	0.00681	-60.00	-60.00	0.00593
-60.00	-70.00	0.00518	-60.00	-80.00	0.00454
-60.00	-90.00	0.00399	-60.00	-100.00	0.00351
-50.00	100.00	0.00103	-50.00	90.00	0.00118
-50.00	80.00	0.00135	-50.00	70.00	0.00157
-50.00	60.00	0.00185	-50.00	50.00	0.00220
-50.00	40.00	0.00266	-50.00	30.00	0.00330
-50.00	25.00	0.00371	-50.00	20.00	0.00420
-50.00	17.00	0.00455	-50.00	15.00	0.00481
-50.00	13.00	0.00512	-50.00	11.00	0.00546
-50.00	9.00	0.00588	-50.00	-9.00	0.01173
-50.00	-11.00	0.01138	-50.00	-13.00	0.01107
-50.00	-15.00	0.01082	-50.00	-17.00	0.01057
-50.00	-20.00	0.01020	-50.00	-25.00	0.00958
-50.00	-30.00	0.00899	-50.00	-40.00	0.00788
-50.00	-50.00	0.00688	-50.00	-60.00	0.00602
-50.00	-70.00	0.00527	-50.00	-80.00	0.00463

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00408	-50.00	-100.00	0.00361
-40.00	100.00	0.00103	-40.00	90.00	0.00117
-40.00	80.00	0.00135	-40.00	70.00	0.00157
-40.00	60.00	0.00185	-40.00	50.00	0.00221
-40.00	40.00	0.00267	-40.00	30.00	0.00331
-40.00	25.00	0.00372	-40.00	20.00	0.00422

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00457	-40.00	15.00	0.00484
-40.00	13.00	0.00513	-40.00	11.00	0.00549
-40.00	9.00	0.00592	-40.00	-9.00	0.01173
-40.00	-11.00	0.01144	-40.00	-13.00	0.01115
-40.00	-15.00	0.01086	-40.00	-17.00	0.01062
-40.00	-20.00	0.01025	-40.00	-25.00	0.00964
-40.00	-30.00	0.00904	-40.00	-40.00	0.00794
-40.00	-50.00	0.00695	-40.00	-60.00	0.00609
-40.00	-70.00	0.00534	-40.00	-80.00	0.00471
-40.00	-90.00	0.00416	-40.00	-100.00	0.00369
-30.00	100.00	0.00102	-30.00	90.00	0.00117
-30.00	80.00	0.00135	-30.00	70.00	0.00157
-30.00	60.00	0.00185	-30.00	50.00	0.00221
-30.00	40.00	0.00268	-30.00	30.00	0.00332
-30.00	25.00	0.00374	-30.00	20.00	0.00424
-30.00	17.00	0.00459	-30.00	15.00	0.00486
-30.00	13.00	0.00516	-30.00	11.00	0.00551
-30.00	9.00	0.00595	-30.00	-9.00	0.01170
-30.00	-11.00	0.01142	-30.00	-13.00	0.01116
-30.00	-15.00	0.01091	-30.00	-17.00	0.01067
-30.00	-20.00	0.01030	-30.00	-25.00	0.00969
-30.00	-30.00	0.00909	-30.00	-40.00	0.00799
-30.00	-50.00	0.00701	-30.00	-60.00	0.00615
-30.00	-70.00	0.00541	-30.00	-80.00	0.00478
-30.00	-90.00	0.00423	-30.00	-100.00	0.00376
-20.00	100.00	0.00102	-20.00	90.00	0.00116
-20.00	80.00	0.00135	-20.00	70.00	0.00157
-20.00	60.00	0.00185	-20.00	50.00	0.00221

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00269	-20.00	30.00	0.00334
-20.00	25.00	0.00375	-20.00	20.00	0.00425
-20.00	17.00	0.00461	-20.00	15.00	0.00488
-20.00	13.00	0.00518	-20.00	11.00	0.00553
-20.00	9.00	0.00596	-20.00	-9.00	0.01173
-20.00	-11.00	0.01144	-20.00	-13.00	0.01118
-20.00	-15.00	0.01093	-20.00	-17.00	0.01068
-20.00	-20.00	0.01032	-20.00	-25.00	0.00972
-20.00	-30.00	0.00914	-20.00	-40.00	0.00804
-20.00	-50.00	0.00705	-20.00	-60.00	0.00620
-20.00	-70.00	0.00547	-20.00	-80.00	0.00484
-20.00	-90.00	0.00430	-20.00	-100.00	0.00383

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00101	-10.00	90.00	0.00116
-10.00	80.00	0.00134	-10.00	70.00	0.00157
-10.00	60.00	0.00185	-10.00	50.00	0.00222
-10.00	40.00	0.00269	-10.00	30.00	0.00334
-10.00	25.00	0.00376	-10.00	20.00	0.00426
-10.00	17.00	0.00462	-10.00	15.00	0.00489
-10.00	13.00	0.00519	-10.00	11.00	0.00554
-10.00	9.00	0.00597	-10.00	-9.00	0.01176
-10.00	-11.00	0.01147	-10.00	-13.00	0.01120
-10.00	-15.00	0.01095	-10.00	-17.00	0.01071
-10.00	-20.00	0.01035	-10.00	-25.00	0.00975
-10.00	-30.00	0.00917	-10.00	-40.00	0.00808
-10.00	-50.00	0.00710	-10.00	-60.00	0.00625
-10.00	-70.00	0.00552	-10.00	-80.00	0.00489
-10.00	-90.00	0.00435	-10.00	-100.00	0.00388
0.00	100.00	0.00100	0.00	90.00	0.00115
0.00	80.00	0.00133	0.00	70.00	0.00156
0.00	60.00	0.00185	0.00	50.00	0.00221
0.00	40.00	0.00270	0.00	30.00	0.00335
0.00	25.00	0.00377	0.00	20.00	0.00427
0.00	17.00	0.00463	0.00	15.00	0.00490
0.00	13.00	0.00520	0.00	11.00	0.00555

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00598	0.00	-9.00	0.01179
0.00	-11.00	0.01149	0.00	-13.00	0.01123
0.00	-15.00	0.01097	0.00	-17.00	0.01073
0.00	-20.00	0.01037	0.00	-25.00	0.00978
0.00	-30.00	0.00920	0.00	-40.00	0.00811
0.00	-50.00	0.00714	0.00	-60.00	0.00629
0.00	-70.00	0.00556	0.00	-80.00	0.00494
0.00	-90.00	0.00440	0.00	-100.00	0.00393
10.00	100.00	0.00099	10.00	90.00	0.00114
10.00	80.00	0.00132	10.00	70.00	0.00155
10.00	60.00	0.00184	10.00	50.00	0.00221
10.00	40.00	0.00270	10.00	30.00	0.00335
10.00	25.00	0.00377	10.00	20.00	0.00428
10.00	17.00	0.00464	10.00	15.00	0.00491
10.00	13.00	0.00521	10.00	11.00	0.00556
10.00	9.00	0.00598	10.00	-9.00	0.01183
10.00	-11.00	0.01151	10.00	-13.00	0.01125
10.00	-15.00	0.01099	10.00	-17.00	0.01075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):        NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER        IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.01039	10.00	-25.00	0.00980
10.00	-30.00	0.00922	10.00	-40.00	0.00814
10.00	-50.00	0.00717	10.00	-60.00	0.00633
10.00	-70.00	0.00560	10.00	-80.00	0.00498
10.00	-90.00	0.00444	10.00	-100.00	0.00398
20.00	100.00	0.00098	20.00	90.00	0.00113
20.00	80.00	0.00131	20.00	70.00	0.00154
20.00	60.00	0.00183	20.00	50.00	0.00220
20.00	40.00	0.00269	20.00	30.00	0.00335
20.00	25.00	0.00377	20.00	20.00	0.00428
20.00	17.00	0.00464	20.00	15.00	0.00491
20.00	13.00	0.00521	20.00	11.00	0.00556
20.00	9.00	0.00599	20.00	-9.00	0.01187
20.00	-11.00	0.01153	20.00	-13.00	0.01127
20.00	-15.00	0.01102	20.00	-17.00	0.01077
20.00	-20.00	0.01040	20.00	-25.00	0.00981

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00924	20.00	-40.00	0.00816
20.00	-50.00	0.00720	20.00	-60.00	0.00636
20.00	-70.00	0.00563	20.00	-80.00	0.00501
20.00	-90.00	0.00448	20.00	-100.00	0.00402
30.00	100.00	0.00097	30.00	90.00	0.00112
30.00	80.00	0.00130	30.00	70.00	0.00153
30.00	60.00	0.00182	30.00	50.00	0.00220
30.00	40.00	0.00268	30.00	30.00	0.00334
30.00	25.00	0.00377	30.00	20.00	0.00428
30.00	17.00	0.00464	30.00	15.00	0.00491
30.00	13.00	0.00522	30.00	11.00	0.00557
30.00	9.00	0.00599	30.00	-9.00	0.01189
30.00	-11.00	0.01155	30.00	-13.00	0.01128
30.00	-15.00	0.01103	30.00	-17.00	0.01079
30.00	-20.00	0.01042	30.00	-25.00	0.00982
30.00	-30.00	0.00925	30.00	-40.00	0.00818
30.00	-50.00	0.00722	30.00	-60.00	0.00638
30.00	-70.00	0.00566	30.00	-80.00	0.00504
30.00	-90.00	0.00451	30.00	-100.00	0.00405
40.00	100.00	0.00095	40.00	90.00	0.00110
40.00	80.00	0.00129	40.00	70.00	0.00152
40.00	60.00	0.00181	40.00	50.00	0.00218
40.00	40.00	0.00267	40.00	30.00	0.00334
40.00	25.00	0.00377	40.00	20.00	0.00428

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00464	40.00	15.00	0.00491
40.00	13.00	0.00522	40.00	11.00	0.00558
40.00	9.00	0.00600	40.00	-9.00	0.01193
40.00	-11.00	0.01159	40.00	-13.00	0.01128
40.00	-15.00	0.01103	40.00	-17.00	0.01080
40.00	-20.00	0.01044	40.00	-25.00	0.00984
40.00	-30.00	0.00926	40.00	-40.00	0.00820
40.00	-50.00	0.00724	40.00	-60.00	0.00640
40.00	-70.00	0.00568	40.00	-80.00	0.00507
40.00	-90.00	0.00454	40.00	-100.00	0.00408

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00094	50.00	90.00	0.00108
50.00	80.00	0.00127	50.00	70.00	0.00150
50.00	60.00	0.00179	50.00	50.00	0.00217
50.00	40.00	0.00266	50.00	30.00	0.00333
50.00	25.00	0.00376	50.00	20.00	0.00427
50.00	17.00	0.00463	50.00	15.00	0.00490
50.00	13.00	0.00521	50.00	11.00	0.00557
50.00	9.00	0.00601	50.00	-9.00	0.01189
50.00	-11.00	0.01161	50.00	-13.00	0.01132
50.00	-15.00	0.01104	50.00	-17.00	0.01080
50.00	-20.00	0.01045	50.00	-25.00	0.00985
50.00	-30.00	0.00927	50.00	-40.00	0.00821
50.00	-50.00	0.00725	50.00	-60.00	0.00642
50.00	-70.00	0.00570	50.00	-80.00	0.00509
50.00	-90.00	0.00456	50.00	-100.00	0.00410
60.00	100.00	0.00092	60.00	90.00	0.00107
60.00	80.00	0.00125	60.00	70.00	0.00148
60.00	60.00	0.00177	60.00	50.00	0.00215
60.00	40.00	0.00265	60.00	30.00	0.00331
60.00	25.00	0.00374	60.00	20.00	0.00426
60.00	17.00	0.00462	60.00	15.00	0.00490
60.00	13.00	0.00520	60.00	11.00	0.00556
60.00	9.00	0.00600	60.00	-9.00	0.01182
60.00	-11.00	0.01154	60.00	-13.00	0.01129
60.00	-15.00	0.01106	60.00	-17.00	0.01082
60.00	-20.00	0.01046	60.00	-25.00	0.00987
60.00	-30.00	0.00928	60.00	-40.00	0.00821
60.00	-50.00	0.00726	60.00	-60.00	0.00643
60.00	-70.00	0.00572	60.00	-80.00	0.00510
60.00	-90.00	0.00458	60.00	-100.00	0.00412

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 135

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00090	70.00	90.00	0.00104
70.00	80.00	0.00123	70.00	70.00	0.00146
70.00	60.00	0.00175	70.00	50.00	0.00213
70.00	40.00	0.00262	70.00	30.00	0.00330

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00373	70.00	20.00	0.00424
70.00	17.00	0.00461	70.00	15.00	0.00489
70.00	13.00	0.00519	70.00	11.00	0.00555
70.00	9.00	0.00599	70.00	-9.00	0.01182
70.00	-11.00	0.01154	70.00	-13.00	0.01128
70.00	-15.00	0.01104	70.00	-17.00	0.01080
70.00	-20.00	0.01045	70.00	-25.00	0.00987
70.00	-30.00	0.00929	70.00	-40.00	0.00822
70.00	-50.00	0.00727	70.00	-60.00	0.00644
70.00	-70.00	0.00573	70.00	-80.00	0.00512
70.00	-90.00	0.00459	70.00	-100.00	0.00414
80.00	100.00	0.00087	80.00	90.00	0.00102
80.00	80.00	0.00120	80.00	70.00	0.00143
80.00	60.00	0.00172	80.00	50.00	0.00210
80.00	40.00	0.00260	80.00	30.00	0.00327
80.00	25.00	0.00371	80.00	20.00	0.00422
80.00	17.00	0.00459	80.00	15.00	0.00487
80.00	13.00	0.00517	80.00	11.00	0.00553
80.00	9.00	0.00597	80.00	-9.00	0.01181
80.00	-11.00	0.01153	80.00	-13.00	0.01127
80.00	-15.00	0.01103	80.00	-17.00	0.01079
80.00	-20.00	0.01044	80.00	-25.00	0.00986
80.00	-30.00	0.00929	80.00	-40.00	0.00822
80.00	-50.00	0.00727	80.00	-60.00	0.00644
80.00	-70.00	0.00573	80.00	-80.00	0.00512
80.00	-90.00	0.00460	80.00	-100.00	0.00416
90.00	100.00	0.00085	90.00	90.00	0.00099
90.00	80.00	0.00117	90.00	70.00	0.00140
90.00	60.00	0.00169	90.00	50.00	0.00207
90.00	40.00	0.00257	90.00	30.00	0.00325
90.00	25.00	0.00368	90.00	20.00	0.00420
90.00	17.00	0.00456	90.00	15.00	0.00484
90.00	13.00	0.00515	90.00	11.00	0.00551
90.00	9.00	0.00594	90.00	-9.00	0.01181
90.00	-11.00	0.01152	90.00	-13.00	0.01126
90.00	-15.00	0.01101	90.00	-17.00	0.01078

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

10:54:17  
 \*\*MODELOPTs:  
 PAGE 136

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



09NCRA PL94-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.01043	90.00	-25.00	0.00985
90.00	-30.00	0.00928	90.00	-40.00	0.00822
90.00	-50.00	0.00727	90.00	-60.00	0.00644
90.00	-70.00	0.00573	90.00	-80.00	0.00513
90.00	-90.00	0.00461	90.00	-100.00	0.00417
100.00	100.00	0.00082	100.00	90.00	0.00096
100.00	80.00	0.00114	100.00	70.00	0.00136
100.00	60.00	0.00165	100.00	50.00	0.00203
100.00	40.00	0.00253	100.00	30.00	0.00321
100.00	25.00	0.00365	100.00	20.00	0.00417
100.00	17.00	0.00454	100.00	15.00	0.00481
100.00	13.00	0.00512	100.00	11.00	0.00548
100.00	9.00	0.00591	100.00	-9.00	0.01182
100.00	-11.00	0.01151	100.00	-13.00	0.01125
100.00	-15.00	0.01100	100.00	-17.00	0.01076
100.00	-20.00	0.01041	100.00	-25.00	0.00984
100.00	-30.00	0.00927	100.00	-40.00	0.00821
100.00	-50.00	0.00726	100.00	-60.00	0.00644
100.00	-70.00	0.00573	100.00	-80.00	0.00513
100.00	-90.00	0.00461	100.00	-100.00	0.00417
110.00	100.00	0.00079	110.00	90.00	0.00093
110.00	80.00	0.00110	110.00	70.00	0.00132
110.00	60.00	0.00161	110.00	50.00	0.00198
110.00	40.00	0.00248	110.00	30.00	0.00317
110.00	25.00	0.00360	110.00	20.00	0.00413
110.00	17.00	0.00450	110.00	15.00	0.00478
110.00	13.00	0.00509	110.00	11.00	0.00544
110.00	9.00	0.00587	110.00	-9.00	0.01182
110.00	-11.00	0.01149	110.00	-13.00	0.01123
110.00	-15.00	0.01099	110.00	-17.00	0.01075
110.00	-20.00	0.01039	110.00	-25.00	0.00982
110.00	-30.00	0.00926	110.00	-40.00	0.00820
110.00	-50.00	0.00725	110.00	-60.00	0.00643
110.00	-70.00	0.00573	110.00	-80.00	0.00513
110.00	-90.00	0.00462	110.00	-100.00	0.00418
120.00	100.00	0.00075	120.00	90.00	0.00089
120.00	80.00	0.00106	120.00	70.00	0.00128
120.00	60.00	0.00156	120.00	50.00	0.00193
120.00	40.00	0.00243	120.00	30.00	0.00311
120.00	25.00	0.00356	120.00	20.00	0.00408

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00446	120.00	15.00	0.00473
120.00	13.00	0.00505	120.00	11.00	0.00540
120.00	9.00	0.00583	120.00	-9.00	0.01181
120.00	-11.00	0.01147	120.00	-13.00	0.01120
120.00	-15.00	0.01097	120.00	-17.00	0.01073
120.00	-20.00	0.01037	120.00	-25.00	0.00979
120.00	-30.00	0.00923	120.00	-40.00	0.00818
120.00	-50.00	0.00723	120.00	-60.00	0.00641
120.00	-70.00	0.00572	120.00	-80.00	0.00512
120.00	-90.00	0.00461	120.00	-100.00	0.00418
130.00	100.00	0.00072	130.00	90.00	0.00085
130.00	80.00	0.00101	130.00	70.00	0.00123
130.00	60.00	0.00150	130.00	50.00	0.00187
130.00	40.00	0.00236	130.00	30.00	0.00305
130.00	25.00	0.00349	130.00	20.00	0.00402
130.00	17.00	0.00440	130.00	15.00	0.00468
130.00	13.00	0.00499	130.00	11.00	0.00536
130.00	9.00	0.00579	130.00	-9.00	0.01180
130.00	-11.00	0.01147	130.00	-13.00	0.01117
130.00	-15.00	0.01093	130.00	-17.00	0.01070
130.00	-20.00	0.01035	130.00	-25.00	0.00977
130.00	-30.00	0.00920	130.00	-40.00	0.00815
130.00	-50.00	0.00721	130.00	-60.00	0.00639
130.00	-70.00	0.00570	130.00	-80.00	0.00511
130.00	-90.00	0.00461	130.00	-100.00	0.00418
140.00	100.00	0.00068	140.00	90.00	0.00080
140.00	80.00	0.00096	140.00	70.00	0.00117
140.00	60.00	0.00144	140.00	50.00	0.00180
140.00	40.00	0.00229	140.00	30.00	0.00297
140.00	25.00	0.00341	140.00	20.00	0.00395
140.00	17.00	0.00432	140.00	15.00	0.00460
140.00	13.00	0.00492	140.00	11.00	0.00530
140.00	9.00	0.00574	140.00	-9.00	0.01171
140.00	-11.00	0.01144	140.00	-13.00	0.01116
140.00	-15.00	0.01089	140.00	-17.00	0.01066
140.00	-20.00	0.01032	140.00	-25.00	0.00974

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00917	140.00	-40.00	0.00811
140.00	-50.00	0.00718	140.00	-60.00	0.00637
140.00	-70.00	0.00568	140.00	-80.00	0.00510
140.00	-90.00	0.00460	140.00	-100.00	0.00417

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00063	150.00	90.00	0.00075
150.00	80.00	0.00091	150.00	70.00	0.00110
150.00	60.00	0.00137	150.00	50.00	0.00172
150.00	40.00	0.00220	150.00	30.00	0.00287
150.00	25.00	0.00331	150.00	20.00	0.00386
150.00	17.00	0.00424	150.00	15.00	0.00452
150.00	13.00	0.00484	150.00	11.00	0.00521
150.00	9.00	0.00566	150.00	-9.00	0.01159
150.00	-11.00	0.01133	150.00	-13.00	0.01109
150.00	-15.00	0.01086	150.00	-17.00	0.01063
150.00	-20.00	0.01028	150.00	-25.00	0.00970
150.00	-30.00	0.00912	150.00	-40.00	0.00807
150.00	-50.00	0.00714	150.00	-60.00	0.00634
150.00	-70.00	0.00566	150.00	-80.00	0.00508
150.00	-90.00	0.00459	150.00	-100.00	0.00416
160.00	100.00	0.00059	160.00	90.00	0.00070
160.00	80.00	0.00084	160.00	70.00	0.00103
160.00	60.00	0.00128	160.00	50.00	0.00162
160.00	40.00	0.00209	160.00	30.00	0.00275
160.00	25.00	0.00319	160.00	20.00	0.00373
160.00	17.00	0.00412	160.00	15.00	0.00441
160.00	13.00	0.00473	160.00	11.00	0.00510
160.00	9.00	0.00555	160.00	-9.00	0.01153
160.00	-11.00	0.01126	160.00	-13.00	0.01101
160.00	-15.00	0.01078	160.00	-17.00	0.01055
160.00	-20.00	0.01021	160.00	-25.00	0.00964
160.00	-30.00	0.00908	160.00	-40.00	0.00803
160.00	-50.00	0.00710	160.00	-60.00	0.00631
160.00	-70.00	0.00563	160.00	-80.00	0.00506
160.00	-90.00	0.00457	160.00	-100.00	0.00415

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00055	170.00	90.00	0.00065
170.00	80.00	0.00078	170.00	70.00	0.00095
170.00	60.00	0.00119	170.00	50.00	0.00151
170.00	40.00	0.00196	170.00	30.00	0.00261
170.00	25.00	0.00305	170.00	20.00	0.00358
170.00	17.00	0.00397	170.00	15.00	0.00426
170.00	13.00	0.00459	170.00	11.00	0.00496
170.00	9.00	0.00542	170.00	-9.00	0.01144
170.00	-11.00	0.01118	170.00	-13.00	0.01093
170.00	-15.00	0.01070	170.00	-17.00	0.01047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\*                                    \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.01013	170.00	-25.00	0.00956
170.00	-30.00	0.00900	170.00	-40.00	0.00796
170.00	-50.00	0.00705	170.00	-60.00	0.00627
170.00	-70.00	0.00560	170.00	-80.00	0.00504
170.00	-90.00	0.00455	170.00	-100.00	0.00413
180.00	100.00	0.00051	180.00	90.00	0.00060
180.00	80.00	0.00071	180.00	70.00	0.00087
180.00	60.00	0.00108	180.00	50.00	0.00138
180.00	40.00	0.00181	180.00	30.00	0.00244
180.00	25.00	0.00286	180.00	20.00	0.00339
180.00	17.00	0.00377	180.00	15.00	0.00407
180.00	13.00	0.00440	180.00	11.00	0.00478
180.00	9.00	0.00524	180.00	-9.00	0.01135
180.00	-11.00	0.01108	180.00	-13.00	0.01083
180.00	-15.00	0.01060	180.00	-17.00	0.01037
180.00	-20.00	0.01003	180.00	-25.00	0.00947
180.00	-30.00	0.00892	180.00	-40.00	0.00789
180.00	-50.00	0.00700	180.00	-60.00	0.00622
180.00	-70.00	0.00556	180.00	-80.00	0.00500
180.00	-90.00	0.00452	180.00	-100.00	0.00411
190.00	100.00	0.00047	190.00	90.00	0.00055
190.00	80.00	0.00065	190.00	70.00	0.00079
190.00	60.00	0.00097	190.00	50.00	0.00124
190.00	40.00	0.00163	190.00	30.00	0.00222

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00263	190.00	20.00	0.00315
190.00	17.00	0.00353	190.00	15.00	0.00382
190.00	13.00	0.00415	190.00	11.00	0.00454
190.00	9.00	0.00500	190.00	-9.00	0.01125
190.00	-11.00	0.01096	190.00	-13.00	0.01072
190.00	-15.00	0.01048	190.00	-17.00	0.01025
190.00	-20.00	0.00991	190.00	-25.00	0.00936
190.00	-30.00	0.00882	190.00	-40.00	0.00782
190.00	-50.00	0.00693	190.00	-60.00	0.00617
190.00	-70.00	0.00551	190.00	-80.00	0.00496
190.00	-90.00	0.00448	190.00	-100.00	0.00407
200.00	100.00	0.00044	200.00	90.00	0.00051
200.00	80.00	0.00060	200.00	70.00	0.00072
200.00	60.00	0.00088	200.00	50.00	0.00110
200.00	40.00	0.00143	200.00	30.00	0.00196
200.00	25.00	0.00234	200.00	20.00	0.00284

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00321	200.00	15.00	0.00350
200.00	13.00	0.00382	200.00	11.00	0.00421
200.00	9.00	0.00468	200.00	-9.00	0.01111
200.00	-11.00	0.01081	200.00	-13.00	0.01057
200.00	-15.00	0.01034	200.00	-17.00	0.01011
200.00	-20.00	0.00977	200.00	-25.00	0.00923
200.00	-30.00	0.00871	200.00	-40.00	0.00772
200.00	-50.00	0.00685	200.00	-60.00	0.00609
200.00	-70.00	0.00545	200.00	-80.00	0.00490
200.00	-90.00	0.00443	200.00	-100.00	0.00403
210.00	100.00	0.00041	210.00	90.00	0.00048
210.00	80.00	0.00056	210.00	70.00	0.00066
210.00	60.00	0.00080	210.00	50.00	0.00098
210.00	40.00	0.00126	210.00	30.00	0.00169
210.00	25.00	0.00201	210.00	20.00	0.00245
210.00	17.00	0.00279	210.00	15.00	0.00306
210.00	13.00	0.00338	210.00	11.00	0.00376
210.00	9.00	0.00423	210.00	-9.00	0.01093

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.01062	210.00	-13.00	0.01038
210.00	-15.00	0.01016	210.00	-17.00	0.00995
210.00	-20.00	0.00962	210.00	-25.00	0.00908
210.00	-30.00	0.00857	210.00	-40.00	0.00760
210.00	-50.00	0.00674	210.00	-60.00	0.00600
210.00	-70.00	0.00537	210.00	-80.00	0.00483
210.00	-90.00	0.00438	210.00	-100.00	0.00399
220.00	100.00	0.00039	220.00	90.00	0.00045
220.00	80.00	0.00052	220.00	70.00	0.00062
220.00	60.00	0.00074	220.00	50.00	0.00090
220.00	40.00	0.00113	220.00	30.00	0.00149
220.00	25.00	0.00174	220.00	20.00	0.00209
220.00	17.00	0.00235	220.00	15.00	0.00257
220.00	13.00	0.00283	220.00	11.00	0.00316
220.00	9.00	0.00357	220.00	-9.00	0.01068
220.00	-11.00	0.01040	220.00	-13.00	0.01013
220.00	-15.00	0.00993	220.00	-17.00	0.00972
220.00	-20.00	0.00941	220.00	-25.00	0.00888
220.00	-30.00	0.00837	220.00	-40.00	0.00742
220.00	-50.00	0.00659	220.00	-60.00	0.00587
220.00	-70.00	0.00526	220.00	-80.00	0.00474
220.00	-90.00	0.00430	220.00	-100.00	0.00392

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00037	230.00	90.00	0.00043
230.00	80.00	0.00050	230.00	70.00	0.00058
230.00	60.00	0.00069	230.00	50.00	0.00084
230.00	40.00	0.00105	230.00	30.00	0.00137
230.00	25.00	0.00160	230.00	20.00	0.00190
230.00	17.00	0.00214	230.00	15.00	0.00233
230.00	13.00	0.00255	230.00	11.00	0.00282
230.00	9.00	0.00316	230.00	-9.00	0.00951
230.00	-11.00	0.00952	230.00	-13.00	0.00942
230.00	-15.00	0.00927	230.00	-17.00	0.00913
230.00	-20.00	0.00888	230.00	-25.00	0.00843
230.00	-30.00	0.00797	230.00	-40.00	0.00711

09NCRA\_PL94-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00634	230.00	-60.00	0.00567
230.00	-70.00	0.00510	230.00	-80.00	0.00461
230.00	-90.00	0.00419	230.00	-100.00	0.00383
240.00	100.00	0.00036	240.00	90.00	0.00041
240.00	80.00	0.00047	240.00	70.00	0.00055
240.00	60.00	0.00066	240.00	50.00	0.00080
240.00	40.00	0.00099	240.00	30.00	0.00128
240.00	25.00	0.00149	240.00	20.00	0.00176
240.00	17.00	0.00197	240.00	15.00	0.00215
240.00	13.00	0.00235	240.00	11.00	0.00259
240.00	9.00	0.00287	240.00	-9.00	0.00683
240.00	-11.00	0.00714	240.00	-13.00	0.00738
240.00	-15.00	0.00754	240.00	-17.00	0.00763
240.00	-20.00	0.00766	240.00	-25.00	0.00752
240.00	-30.00	0.00726	240.00	-40.00	0.00663
240.00	-50.00	0.00599	240.00	-60.00	0.00540
240.00	-70.00	0.00489	240.00	-80.00	0.00444
240.00	-90.00	0.00405	240.00	-100.00	0.00372
250.00	100.00	0.00035	250.00	90.00	0.00040
250.00	80.00	0.00046	250.00	70.00	0.00053
250.00	60.00	0.00063	250.00	50.00	0.00075
250.00	40.00	0.00093	250.00	30.00	0.00120
250.00	25.00	0.00138	250.00	20.00	0.00163
250.00	17.00	0.00182	250.00	15.00	0.00196
250.00	13.00	0.00212	250.00	11.00	0.00230
250.00	9.00	0.00251	250.00	-9.00	0.00498
250.00	-11.00	0.00523	250.00	-13.00	0.00547
250.00	-15.00	0.00567	250.00	-17.00	0.00584

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00604	250.00	-25.00	0.00620
250.00	-30.00	0.00620	250.00	-40.00	0.00594
250.00	-50.00	0.00551	250.00	-60.00	0.00506
250.00	-70.00	0.00463	250.00	-80.00	0.00424
250.00	-90.00	0.00389	250.00	-100.00	0.00359

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00919 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00918 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00909 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00885 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00884 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00883 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00871 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00854 AT ( 220.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00853 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00845 AT ( 190.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00919 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00918 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00909 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00885 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00884 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00883 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00871 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00854 AT ( 130.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00853 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00845 AT ( 100.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00919 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00918 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00909 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00885 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00884 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00883 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00871 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00854 AT ( 40.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00853 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00845 AT ( 10.00, -11.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

10:54:17

\*\*MODELOPTs:  
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00919 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00918 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00909 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00885 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00884 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00883 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00871 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00854 AT ( -50.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00853 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00845 AT ( -80.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00919 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00918 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00909 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00885 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00884 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00883 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00871 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00854 AT ( -140.00, -13.00, 0.00, 1.20)	DC	NA



		09NCRA_PL94-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00853	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00845	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01193	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01189	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01189	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01187	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01183	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01182	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01182	AT (	70.00,	-9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01182	AT (	60.00,	-9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01182	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01181	AT (	80.00,	-9.00,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

10:54:17

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 10 Informational Message(s)  
 A Total of 10 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 11:04:59

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2

RE DISCCART	-240.0	11.0	1.2
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RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
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RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
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RE DISCCART	-230.0	-40.0	1.2
RE DISCCART	-230.0	-50.0	1.2
RE DISCCART	-230.0	-60.0	1.2
RE DISCCART	-230.0	-70.0	1.2

RE DISCCART	-230.0	-80.0	1.2
RE DISCCART	-230.0	-90.0	1.2
RE DISCCART	-230.0	-100.0	1.2
RE DISCCART	-220.0	100.0	1.2
RE DISCCART	-220.0	90.0	1.2
RE DISCCART	-220.0	80.0	1.2
RE DISCCART	-220.0	70.0	1.2
RE DISCCART	-220.0	60.0	1.2
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RE DISCCART	-220.0	-30.0	1.2
RE DISCCART	-220.0	-40.0	1.2
RE DISCCART	-220.0	-50.0	1.2
RE DISCCART	-220.0	-60.0	1.2
RE DISCCART	-220.0	-70.0	1.2
RE DISCCART	-220.0	-80.0	1.2
RE DISCCART	-220.0	-90.0	1.2
RE DISCCART	-220.0	-100.0	1.2
RE DISCCART	-210.0	100.0	1.2
RE DISCCART	-210.0	90.0	1.2
RE DISCCART	-210.0	80.0	1.2
RE DISCCART	-210.0	70.0	1.2
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RE DISCCART	-210.0	-40.0	1.2
RE DISCCART	-210.0	-50.0	1.2
RE DISCCART	-210.0	-60.0	1.2
RE DISCCART	-210.0	-70.0	1.2
RE DISCCART	-210.0	-80.0	1.2
RE DISCCART	-210.0	-90.0	1.2
RE DISCCART	-210.0	-100.0	1.2
RE DISCCART	-200.0	100.0	1.2
RE DISCCART	-200.0	90.0	1.2
RE DISCCART	-200.0	80.0	1.2
RE DISCCART	-200.0	70.0	1.2
RE DISCCART	-200.0	60.0	1.2
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RE DISCCART	-200.0	40.0	1.2
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RE DISCCART	-200.0	25.0	1.2
RE DISCCART	-200.0	20.0	1.2
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RE DISCCART	-200.0	-80.0	1.2
RE DISCCART	-200.0	-90.0	1.2
RE DISCCART	-200.0	-100.0	1.2
RE DISCCART	-190.0	100.0	1.2
RE DISCCART	-190.0	90.0	1.2
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RE DISCCART	-190.0	70.0	1.2
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RE DISCCART	-190.0	50.0	1.2
RE DISCCART	-190.0	40.0	1.2
RE DISCCART	-190.0	30.0	1.2
RE DISCCART	-190.0	25.0	1.2
RE DISCCART	-190.0	20.0	1.2
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RE DISCCART	-190.0	-11.0	1.2
RE DISCCART	-190.0	-13.0	1.2
RE DISCCART	-190.0	-15.0	1.2
RE DISCCART	-190.0	-17.0	1.2
RE DISCCART	-190.0	-20.0	1.2
RE DISCCART	-190.0	-25.0	1.2
RE DISCCART	-190.0	-30.0	1.2
RE DISCCART	-190.0	-40.0	1.2
RE DISCCART	-190.0	-50.0	1.2
RE DISCCART	-190.0	-60.0	1.2
RE DISCCART	-190.0	-70.0	1.2
RE DISCCART	-190.0	-80.0	1.2
RE DISCCART	-190.0	-90.0	1.2
RE DISCCART	-190.0	-100.0	1.2
RE DISCCART	-180.0	100.0	1.2
RE DISCCART	-180.0	90.0	1.2
RE DISCCART	-180.0	80.0	1.2
RE DISCCART	-180.0	70.0	1.2
RE DISCCART	-180.0	60.0	1.2
RE DISCCART	-180.0	50.0	1.2
RE DISCCART	-180.0	40.0	1.2
RE DISCCART	-180.0	30.0	1.2
RE DISCCART	-180.0	25.0	1.2

RE DISCCART	-180.0	20.0	1.2
RE DISCCART	-180.0	17.0	1.2
RE DISCCART	-180.0	15.0	1.2
RE DISCCART	-180.0	13.0	1.2
RE DISCCART	-180.0	11.0	1.2
RE DISCCART	-180.0	9.0	1.2
RE DISCCART	-180.0	-9.0	1.2
RE DISCCART	-180.0	-11.0	1.2
RE DISCCART	-180.0	-13.0	1.2
RE DISCCART	-180.0	-15.0	1.2
RE DISCCART	-180.0	-17.0	1.2
RE DISCCART	-180.0	-20.0	1.2
RE DISCCART	-180.0	-25.0	1.2
RE DISCCART	-180.0	-30.0	1.2
RE DISCCART	-180.0	-40.0	1.2
RE DISCCART	-180.0	-50.0	1.2
RE DISCCART	-180.0	-60.0	1.2
RE DISCCART	-180.0	-70.0	1.2
RE DISCCART	-180.0	-80.0	1.2
RE DISCCART	-180.0	-90.0	1.2
RE DISCCART	-180.0	-100.0	1.2
RE DISCCART	-170.0	100.0	1.2
RE DISCCART	-170.0	90.0	1.2
RE DISCCART	-170.0	80.0	1.2
RE DISCCART	-170.0	70.0	1.2
RE DISCCART	-170.0	60.0	1.2
RE DISCCART	-170.0	50.0	1.2
RE DISCCART	-170.0	40.0	1.2
RE DISCCART	-170.0	30.0	1.2
RE DISCCART	-170.0	25.0	1.2
RE DISCCART	-170.0	20.0	1.2
RE DISCCART	-170.0	17.0	1.2
RE DISCCART	-170.0	15.0	1.2
RE DISCCART	-170.0	13.0	1.2
RE DISCCART	-170.0	11.0	1.2
RE DISCCART	-170.0	9.0	1.2
RE DISCCART	-170.0	-9.0	1.2
RE DISCCART	-170.0	-11.0	1.2
RE DISCCART	-170.0	-13.0	1.2
RE DISCCART	-170.0	-15.0	1.2
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ME INPUTFIL "C:\NCRA\MODELING\MET DATA\PETALUMA\PET97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1997

ME UAIRDATA 9901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\10NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\10NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -250.0,	100.0,	0.0,	1.2);	( -250.0,	90.0,	0.0,	1.2);
( -250.0,	80.0,	0.0,	1.2);	( -250.0,	70.0,	0.0,	1.2);
( -250.0,	60.0,	0.0,	1.2);	( -250.0,	50.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

( -250.0,	40.0,	0.0,	1.2);	( -250.0,	30.0,	0.0,	1.2);
( -250.0,	25.0,	0.0,	1.2);	( -250.0,	20.0,	0.0,	1.2);
( -250.0,	17.0,	0.0,	1.2);	( -250.0,	15.0,	0.0,	1.2);
( -250.0,	13.0,	0.0,	1.2);	( -250.0,	11.0,	0.0,	1.2);
( -250.0,	9.0,	0.0,	1.2);	( -250.0,	-9.0,	0.0,	1.2);
( -250.0,	-11.0,	0.0,	1.2);	( -250.0,	-13.0,	0.0,	1.2);
( -250.0,	-15.0,	0.0,	1.2);	( -250.0,	-17.0,	0.0,	1.2);
( -250.0,	-20.0,	0.0,	1.2);	( -250.0,	-25.0,	0.0,	1.2);
( -250.0,	-30.0,	0.0,	1.2);	( -250.0,	-40.0,	0.0,	1.2);
( -250.0,	-50.0,	0.0,	1.2);	( -250.0,	-60.0,	0.0,	1.2);
( -250.0,	-70.0,	0.0,	1.2);	( -250.0,	-80.0,	0.0,	1.2);
( -250.0,	-90.0,	0.0,	1.2);	( -250.0,	-100.0,	0.0,	1.2);
( -240.0,	100.0,	0.0,	1.2);	( -240.0,	90.0,	0.0,	1.2);
( -240.0,	80.0,	0.0,	1.2);	( -240.0,	70.0,	0.0,	1.2);
( -240.0,	60.0,	0.0,	1.2);	( -240.0,	50.0,	0.0,	1.2);
( -240.0,	40.0,	0.0,	1.2);	( -240.0,	30.0,	0.0,	1.2);
( -240.0,	25.0,	0.0,	1.2);	( -240.0,	20.0,	0.0,	1.2);
( -240.0,	17.0,	0.0,	1.2);	( -240.0,	15.0,	0.0,	1.2);
( -240.0,	13.0,	0.0,	1.2);	( -240.0,	11.0,	0.0,	1.2);
( -240.0,	9.0,	0.0,	1.2);	( -240.0,	-9.0,	0.0,	1.2);
( -240.0,	-11.0,	0.0,	1.2);	( -240.0,	-13.0,	0.0,	1.2);
( -240.0,	-15.0,	0.0,	1.2);	( -240.0,	-17.0,	0.0,	1.2);
( -240.0,	-20.0,	0.0,	1.2);	( -240.0,	-25.0,	0.0,	1.2);
( -240.0,	-30.0,	0.0,	1.2);	( -240.0,	-40.0,	0.0,	1.2);
( -240.0,	-50.0,	0.0,	1.2);	( -240.0,	-60.0,	0.0,	1.2);
( -240.0,	-70.0,	0.0,	1.2);	( -240.0,	-80.0,	0.0,	1.2);
( -240.0,	-90.0,	0.0,	1.2);	( -240.0,	-100.0,	0.0,	1.2);
( -230.0,	100.0,	0.0,	1.2);	( -230.0,	90.0,	0.0,	1.2);
( -230.0,	80.0,	0.0,	1.2);	( -230.0,	70.0,	0.0,	1.2);
( -230.0,	60.0,	0.0,	1.2);	( -230.0,	50.0,	0.0,	1.2);
( -230.0,	40.0,	0.0,	1.2);	( -230.0,	30.0,	0.0,	1.2);
( -230.0,	25.0,	0.0,	1.2);	( -230.0,	20.0,	0.0,	1.2);
( -230.0,	17.0,	0.0,	1.2);	( -230.0,	15.0,	0.0,	1.2);
( -230.0,	13.0,	0.0,	1.2);	( -230.0,	11.0,	0.0,	1.2);
( -230.0,	9.0,	0.0,	1.2);	( -230.0,	-9.0,	0.0,	1.2);
( -230.0,	-11.0,	0.0,	1.2);	( -230.0,	-13.0,	0.0,	1.2);
( -230.0,	-15.0,	0.0,	1.2);	( -230.0,	-17.0,	0.0,	1.2);
( -230.0,	-20.0,	0.0,	1.2);	( -230.0,	-25.0,	0.0,	1.2);
( -230.0,	-30.0,	0.0,	1.2);	( -230.0,	-40.0,	0.0,	1.2);
( -230.0,	-50.0,	0.0,	1.2);	( -230.0,	-60.0,	0.0,	1.2);
( -230.0,	-70.0,	0.0,	1.2);	( -230.0,	-80.0,	0.0,	1.2);
( -230.0,	-90.0,	0.0,	1.2);	( -230.0,	-100.0,	0.0,	1.2);



\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -220.0, 100.0, 0.0, 1.2);	( -220.0, 90.0, 0.0, 1.2);
( -220.0, 80.0, 0.0, 1.2);	( -220.0, 70.0, 0.0, 1.2);
( -220.0, 60.0, 0.0, 1.2);	( -220.0, 50.0, 0.0, 1.2);
( -220.0, 40.0, 0.0, 1.2);	( -220.0, 30.0, 0.0, 1.2);
( -220.0, 25.0, 0.0, 1.2);	( -220.0, 20.0, 0.0, 1.2);
( -220.0, 17.0, 0.0, 1.2);	( -220.0, 15.0, 0.0, 1.2);
( -220.0, 13.0, 0.0, 1.2);	( -220.0, 11.0, 0.0, 1.2);
( -220.0, 9.0, 0.0, 1.2);	( -220.0, -9.0, 0.0, 1.2);
( -220.0, -11.0, 0.0, 1.2);	( -220.0, -13.0, 0.0, 1.2);
( -220.0, -15.0, 0.0, 1.2);	( -220.0, -17.0, 0.0, 1.2);
( -220.0, -20.0, 0.0, 1.2);	( -220.0, -25.0, 0.0, 1.2);
( -220.0, -30.0, 0.0, 1.2);	( -220.0, -40.0, 0.0, 1.2);
( -220.0, -50.0, 0.0, 1.2);	( -220.0, -60.0, 0.0, 1.2);
( -220.0, -70.0, 0.0, 1.2);	( -220.0, -80.0, 0.0, 1.2);
( -220.0, -90.0, 0.0, 1.2);	( -220.0, -100.0, 0.0, 1.2);
( -210.0, 100.0, 0.0, 1.2);	( -210.0, 90.0, 0.0, 1.2);
( -210.0, 80.0, 0.0, 1.2);	( -210.0, 70.0, 0.0, 1.2);
( -210.0, 60.0, 0.0, 1.2);	( -210.0, 50.0, 0.0, 1.2);
( -210.0, 40.0, 0.0, 1.2);	( -210.0, 30.0, 0.0, 1.2);
( -210.0, 25.0, 0.0, 1.2);	( -210.0, 20.0, 0.0, 1.2);
( -210.0, 17.0, 0.0, 1.2);	( -210.0, 15.0, 0.0, 1.2);
( -210.0, 13.0, 0.0, 1.2);	( -210.0, 11.0, 0.0, 1.2);
( -210.0, 9.0, 0.0, 1.2);	( -210.0, -9.0, 0.0, 1.2);
( -210.0, -11.0, 0.0, 1.2);	( -210.0, -13.0, 0.0, 1.2);
( -210.0, -15.0, 0.0, 1.2);	( -210.0, -17.0, 0.0, 1.2);
( -210.0, -20.0, 0.0, 1.2);	( -210.0, -25.0, 0.0, 1.2);
( -210.0, -30.0, 0.0, 1.2);	( -210.0, -40.0, 0.0, 1.2);
( -210.0, -50.0, 0.0, 1.2);	( -210.0, -60.0, 0.0, 1.2);
( -210.0, -70.0, 0.0, 1.2);	( -210.0, -80.0, 0.0, 1.2);
( -210.0, -90.0, 0.0, 1.2);	( -210.0, -100.0, 0.0, 1.2);
( -200.0, 100.0, 0.0, 1.2);	( -200.0, 90.0, 0.0, 1.2);
( -200.0, 80.0, 0.0, 1.2);	( -200.0, 70.0, 0.0, 1.2);
( -200.0, 60.0, 0.0, 1.2);	( -200.0, 50.0, 0.0, 1.2);
( -200.0, 40.0, 0.0, 1.2);	( -200.0, 30.0, 0.0, 1.2);
( -200.0, 25.0, 0.0, 1.2);	( -200.0, 20.0, 0.0, 1.2);
( -200.0, 17.0, 0.0, 1.2);	( -200.0, 15.0, 0.0, 1.2);
( -200.0, 13.0, 0.0, 1.2);	( -200.0, 11.0, 0.0, 1.2);
( -200.0, 9.0, 0.0, 1.2);	( -200.0, -9.0, 0.0, 1.2);
( -200.0, -11.0, 0.0, 1.2);	( -200.0, -13.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( -200.0,	-15.0,	0.0,	1.2);	( -200.0,	-17.0,	0.0,	1.2);
( -200.0,	-20.0,	0.0,	1.2);	( -200.0,	-25.0,	0.0,	1.2);
( -200.0,	-30.0,	0.0,	1.2);	( -200.0,	-40.0,	0.0,	1.2);
( -200.0,	-50.0,	0.0,	1.2);	( -200.0,	-60.0,	0.0,	1.2);
( -200.0,	-70.0,	0.0,	1.2);	( -200.0,	-80.0,	0.0,	1.2);
( -200.0,	-90.0,	0.0,	1.2);	( -200.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -190.0,	100.0,	0.0,	1.2);	( -190.0,	90.0,	0.0,	1.2);
( -190.0,	80.0,	0.0,	1.2);	( -190.0,	70.0,	0.0,	1.2);
( -190.0,	60.0,	0.0,	1.2);	( -190.0,	50.0,	0.0,	1.2);
( -190.0,	40.0,	0.0,	1.2);	( -190.0,	30.0,	0.0,	1.2);
( -190.0,	25.0,	0.0,	1.2);	( -190.0,	20.0,	0.0,	1.2);
( -190.0,	17.0,	0.0,	1.2);	( -190.0,	15.0,	0.0,	1.2);
( -190.0,	13.0,	0.0,	1.2);	( -190.0,	11.0,	0.0,	1.2);
( -190.0,	9.0,	0.0,	1.2);	( -190.0,	-9.0,	0.0,	1.2);
( -190.0,	-11.0,	0.0,	1.2);	( -190.0,	-13.0,	0.0,	1.2);
( -190.0,	-15.0,	0.0,	1.2);	( -190.0,	-17.0,	0.0,	1.2);
( -190.0,	-20.0,	0.0,	1.2);	( -190.0,	-25.0,	0.0,	1.2);
( -190.0,	-30.0,	0.0,	1.2);	( -190.0,	-40.0,	0.0,	1.2);
( -190.0,	-50.0,	0.0,	1.2);	( -190.0,	-60.0,	0.0,	1.2);
( -190.0,	-70.0,	0.0,	1.2);	( -190.0,	-80.0,	0.0,	1.2);
( -190.0,	-90.0,	0.0,	1.2);	( -190.0,	-100.0,	0.0,	1.2);
( -180.0,	100.0,	0.0,	1.2);	( -180.0,	90.0,	0.0,	1.2);
( -180.0,	80.0,	0.0,	1.2);	( -180.0,	70.0,	0.0,	1.2);
( -180.0,	60.0,	0.0,	1.2);	( -180.0,	50.0,	0.0,	1.2);
( -180.0,	40.0,	0.0,	1.2);	( -180.0,	30.0,	0.0,	1.2);
( -180.0,	25.0,	0.0,	1.2);	( -180.0,	20.0,	0.0,	1.2);
( -180.0,	17.0,	0.0,	1.2);	( -180.0,	15.0,	0.0,	1.2);
( -180.0,	13.0,	0.0,	1.2);	( -180.0,	11.0,	0.0,	1.2);
( -180.0,	9.0,	0.0,	1.2);	( -180.0,	-9.0,	0.0,	1.2);
( -180.0,	-11.0,	0.0,	1.2);	( -180.0,	-13.0,	0.0,	1.2);
( -180.0,	-15.0,	0.0,	1.2);	( -180.0,	-17.0,	0.0,	1.2);
( -180.0,	-20.0,	0.0,	1.2);	( -180.0,	-25.0,	0.0,	1.2);
( -180.0,	-30.0,	0.0,	1.2);	( -180.0,	-40.0,	0.0,	1.2);
( -180.0,	-50.0,	0.0,	1.2);	( -180.0,	-60.0,	0.0,	1.2);
( -180.0,	-70.0,	0.0,	1.2);	( -180.0,	-80.0,	0.0,	1.2);
( -180.0,	-90.0,	0.0,	1.2);	( -180.0,	-100.0,	0.0,	1.2);
( -170.0,	100.0,	0.0,	1.2);	( -170.0,	90.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

( -170.0,	80.0,	0.0,	1.2);	( -170.0,	70.0,	0.0,	1.2);
( -170.0,	60.0,	0.0,	1.2);	( -170.0,	50.0,	0.0,	1.2);
( -170.0,	40.0,	0.0,	1.2);	( -170.0,	30.0,	0.0,	1.2);
( -170.0,	25.0,	0.0,	1.2);	( -170.0,	20.0,	0.0,	1.2);
( -170.0,	17.0,	0.0,	1.2);	( -170.0,	15.0,	0.0,	1.2);
( -170.0,	13.0,	0.0,	1.2);	( -170.0,	11.0,	0.0,	1.2);
( -170.0,	9.0,	0.0,	1.2);	( -170.0,	-9.0,	0.0,	1.2);
( -170.0,	-11.0,	0.0,	1.2);	( -170.0,	-13.0,	0.0,	1.2);
( -170.0,	-15.0,	0.0,	1.2);	( -170.0,	-17.0,	0.0,	1.2);
( -170.0,	-20.0,	0.0,	1.2);	( -170.0,	-25.0,	0.0,	1.2);
( -170.0,	-30.0,	0.0,	1.2);	( -170.0,	-40.0,	0.0,	1.2);
( -170.0,	-50.0,	0.0,	1.2);	( -170.0,	-60.0,	0.0,	1.2);
( -170.0,	-70.0,	0.0,	1.2);	( -170.0,	-80.0,	0.0,	1.2);
( -170.0,	-90.0,	0.0,	1.2);	( -170.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -160.0,	100.0,	0.0,	1.2);	( -160.0,	90.0,	0.0,	1.2);
( -160.0,	80.0,	0.0,	1.2);	( -160.0,	70.0,	0.0,	1.2);
( -160.0,	60.0,	0.0,	1.2);	( -160.0,	50.0,	0.0,	1.2);
( -160.0,	40.0,	0.0,	1.2);	( -160.0,	30.0,	0.0,	1.2);
( -160.0,	25.0,	0.0,	1.2);	( -160.0,	20.0,	0.0,	1.2);
( -160.0,	17.0,	0.0,	1.2);	( -160.0,	15.0,	0.0,	1.2);
( -160.0,	13.0,	0.0,	1.2);	( -160.0,	11.0,	0.0,	1.2);
( -160.0,	9.0,	0.0,	1.2);	( -160.0,	-9.0,	0.0,	1.2);
( -160.0,	-11.0,	0.0,	1.2);	( -160.0,	-13.0,	0.0,	1.2);
( -160.0,	-15.0,	0.0,	1.2);	( -160.0,	-17.0,	0.0,	1.2);
( -160.0,	-20.0,	0.0,	1.2);	( -160.0,	-25.0,	0.0,	1.2);
( -160.0,	-30.0,	0.0,	1.2);	( -160.0,	-40.0,	0.0,	1.2);
( -160.0,	-50.0,	0.0,	1.2);	( -160.0,	-60.0,	0.0,	1.2);
( -160.0,	-70.0,	0.0,	1.2);	( -160.0,	-80.0,	0.0,	1.2);
( -160.0,	-90.0,	0.0,	1.2);	( -160.0,	-100.0,	0.0,	1.2);
( -150.0,	100.0,	0.0,	1.2);	( -150.0,	90.0,	0.0,	1.2);
( -150.0,	80.0,	0.0,	1.2);	( -150.0,	70.0,	0.0,	1.2);
( -150.0,	60.0,	0.0,	1.2);	( -150.0,	50.0,	0.0,	1.2);
( -150.0,	40.0,	0.0,	1.2);	( -150.0,	30.0,	0.0,	1.2);
( -150.0,	25.0,	0.0,	1.2);	( -150.0,	20.0,	0.0,	1.2);
( -150.0,	17.0,	0.0,	1.2);	( -150.0,	15.0,	0.0,	1.2);
( -150.0,	13.0,	0.0,	1.2);	( -150.0,	11.0,	0.0,	1.2);
( -150.0,	9.0,	0.0,	1.2);	( -150.0,	-9.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

( -150.0,	-11.0,	0.0,	1.2);	( -150.0,	-13.0,	0.0,	1.2);
( -150.0,	-15.0,	0.0,	1.2);	( -150.0,	-17.0,	0.0,	1.2);
( -150.0,	-20.0,	0.0,	1.2);	( -150.0,	-25.0,	0.0,	1.2);
( -150.0,	-30.0,	0.0,	1.2);	( -150.0,	-40.0,	0.0,	1.2);
( -150.0,	-50.0,	0.0,	1.2);	( -150.0,	-60.0,	0.0,	1.2);
( -150.0,	-70.0,	0.0,	1.2);	( -150.0,	-80.0,	0.0,	1.2);
( -150.0,	-90.0,	0.0,	1.2);	( -150.0,	-100.0,	0.0,	1.2);
( -140.0,	100.0,	0.0,	1.2);	( -140.0,	90.0,	0.0,	1.2);
( -140.0,	80.0,	0.0,	1.2);	( -140.0,	70.0,	0.0,	1.2);
( -140.0,	60.0,	0.0,	1.2);	( -140.0,	50.0,	0.0,	1.2);
( -140.0,	40.0,	0.0,	1.2);	( -140.0,	30.0,	0.0,	1.2);
( -140.0,	25.0,	0.0,	1.2);	( -140.0,	20.0,	0.0,	1.2);
( -140.0,	17.0,	0.0,	1.2);	( -140.0,	15.0,	0.0,	1.2);
( -140.0,	13.0,	0.0,	1.2);	( -140.0,	11.0,	0.0,	1.2);
( -140.0,	9.0,	0.0,	1.2);	( -140.0,	-9.0,	0.0,	1.2);
( -140.0,	-11.0,	0.0,	1.2);	( -140.0,	-13.0,	0.0,	1.2);
( -140.0,	-15.0,	0.0,	1.2);	( -140.0,	-17.0,	0.0,	1.2);
( -140.0,	-20.0,	0.0,	1.2);	( -140.0,	-25.0,	0.0,	1.2);
( -140.0,	-30.0,	0.0,	1.2);	( -140.0,	-40.0,	0.0,	1.2);
( -140.0,	-50.0,	0.0,	1.2);	( -140.0,	-60.0,	0.0,	1.2);
( -140.0,	-70.0,	0.0,	1.2);	( -140.0,	-80.0,	0.0,	1.2);
( -140.0,	-90.0,	0.0,	1.2);	( -140.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -130.0,	100.0,	0.0,	1.2);	( -130.0,	90.0,	0.0,	1.2);
( -130.0,	80.0,	0.0,	1.2);	( -130.0,	70.0,	0.0,	1.2);
( -130.0,	60.0,	0.0,	1.2);	( -130.0,	50.0,	0.0,	1.2);
( -130.0,	40.0,	0.0,	1.2);	( -130.0,	30.0,	0.0,	1.2);
( -130.0,	25.0,	0.0,	1.2);	( -130.0,	20.0,	0.0,	1.2);
( -130.0,	17.0,	0.0,	1.2);	( -130.0,	15.0,	0.0,	1.2);
( -130.0,	13.0,	0.0,	1.2);	( -130.0,	11.0,	0.0,	1.2);
( -130.0,	9.0,	0.0,	1.2);	( -130.0,	-9.0,	0.0,	1.2);
( -130.0,	-11.0,	0.0,	1.2);	( -130.0,	-13.0,	0.0,	1.2);
( -130.0,	-15.0,	0.0,	1.2);	( -130.0,	-17.0,	0.0,	1.2);
( -130.0,	-20.0,	0.0,	1.2);	( -130.0,	-25.0,	0.0,	1.2);
( -130.0,	-30.0,	0.0,	1.2);	( -130.0,	-40.0,	0.0,	1.2);
( -130.0,	-50.0,	0.0,	1.2);	( -130.0,	-60.0,	0.0,	1.2);
( -130.0,	-70.0,	0.0,	1.2);	( -130.0,	-80.0,	0.0,	1.2);
( -130.0,	-90.0,	0.0,	1.2);	( -130.0,	-100.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

```
( -120.0, 100.0, 0.0, 1.2); ( -120.0, 90.0, 0.0, 1.2);
( -120.0, 80.0, 0.0, 1.2); ( -120.0, 70.0, 0.0, 1.2);
( -120.0, 60.0, 0.0, 1.2); ( -120.0, 50.0, 0.0, 1.2);
( -120.0, 40.0, 0.0, 1.2); ( -120.0, 30.0, 0.0, 1.2);
( -120.0, 25.0, 0.0, 1.2); ( -120.0, 20.0, 0.0, 1.2);
( -120.0, 17.0, 0.0, 1.2); ( -120.0, 15.0, 0.0, 1.2);
( -120.0, 13.0, 0.0, 1.2); ( -120.0, 11.0, 0.0, 1.2);
( -120.0, 9.0, 0.0, 1.2); ( -120.0, -9.0, 0.0, 1.2);
( -120.0, -11.0, 0.0, 1.2); ( -120.0, -13.0, 0.0, 1.2);
( -120.0, -15.0, 0.0, 1.2); ( -120.0, -17.0, 0.0, 1.2);
( -120.0, -20.0, 0.0, 1.2); ( -120.0, -25.0, 0.0, 1.2);
( -120.0, -30.0, 0.0, 1.2); ( -120.0, -40.0, 0.0, 1.2);
( -120.0, -50.0, 0.0, 1.2); ( -120.0, -60.0, 0.0, 1.2);
( -120.0, -70.0, 0.0, 1.2); ( -120.0, -80.0, 0.0, 1.2);
( -120.0, -90.0, 0.0, 1.2); ( -120.0, -100.0, 0.0, 1.2);
( -110.0, 100.0, 0.0, 1.2); ( -110.0, 90.0, 0.0, 1.2);
( -110.0, 80.0, 0.0, 1.2); ( -110.0, 70.0, 0.0, 1.2);
( -110.0, 60.0, 0.0, 1.2); ( -110.0, 50.0, 0.0, 1.2);
( -110.0, 40.0, 0.0, 1.2); ( -110.0, 30.0, 0.0, 1.2);
( -110.0, 25.0, 0.0, 1.2); ( -110.0, 20.0, 0.0, 1.2);
( -110.0, 17.0, 0.0, 1.2); ( -110.0, 15.0, 0.0, 1.2);
( -110.0, 13.0, 0.0, 1.2); ( -110.0, 11.0, 0.0, 1.2);
( -110.0, 9.0, 0.0, 1.2); ( -110.0, -9.0, 0.0, 1.2);
( -110.0, -11.0, 0.0, 1.2); ( -110.0, -13.0, 0.0, 1.2);
( -110.0, -15.0, 0.0, 1.2); ( -110.0, -17.0, 0.0, 1.2);
( -110.0, -20.0, 0.0, 1.2); ( -110.0, -25.0, 0.0, 1.2);
( -110.0, -30.0, 0.0, 1.2); ( -110.0, -40.0, 0.0, 1.2);
( -110.0, -50.0, 0.0, 1.2); ( -110.0, -60.0, 0.0, 1.2);
( -110.0, -70.0, 0.0, 1.2); ( -110.0, -80.0, 0.0, 1.2);
( -110.0, -90.0, 0.0, 1.2); ( -110.0, -100.0, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
\*\*MODELOPTs:  
PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

```
( -100.0, 100.0, 0.0, 1.2); ( -100.0, 90.0, 0.0, 1.2);
( -100.0, 80.0, 0.0, 1.2); ( -100.0, 70.0, 0.0, 1.2);
( -100.0, 60.0, 0.0, 1.2); ( -100.0, 50.0, 0.0, 1.2);
( -100.0, 40.0, 0.0, 1.2); ( -100.0, 30.0, 0.0, 1.2);
( -100.0, 25.0, 0.0, 1.2); ( -100.0, 20.0, 0.0, 1.2);
( -100.0, 17.0, 0.0, 1.2); ( -100.0, 15.0, 0.0, 1.2);
( -100.0, 13.0, 0.0, 1.2); ( -100.0, 11.0, 0.0, 1.2);
```

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( -100.0,	9.0,	0.0,	1.2);	( -100.0,	-9.0,	0.0,	1.2);
( -100.0,	-11.0,	0.0,	1.2);	( -100.0,	-13.0,	0.0,	1.2);
( -100.0,	-15.0,	0.0,	1.2);	( -100.0,	-17.0,	0.0,	1.2);
( -100.0,	-20.0,	0.0,	1.2);	( -100.0,	-25.0,	0.0,	1.2);
( -100.0,	-30.0,	0.0,	1.2);	( -100.0,	-40.0,	0.0,	1.2);
( -100.0,	-50.0,	0.0,	1.2);	( -100.0,	-60.0,	0.0,	1.2);
( -100.0,	-70.0,	0.0,	1.2);	( -100.0,	-80.0,	0.0,	1.2);
( -100.0,	-90.0,	0.0,	1.2);	( -100.0,	-100.0,	0.0,	1.2);
( -90.0,	100.0,	0.0,	1.2);	( -90.0,	90.0,	0.0,	1.2);
( -90.0,	80.0,	0.0,	1.2);	( -90.0,	70.0,	0.0,	1.2);
( -90.0,	60.0,	0.0,	1.2);	( -90.0,	50.0,	0.0,	1.2);
( -90.0,	40.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -90.0,	25.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -90.0,	17.0,	0.0,	1.2);	( -90.0,	15.0,	0.0,	1.2);
( -90.0,	13.0,	0.0,	1.2);	( -90.0,	11.0,	0.0,	1.2);
( -90.0,	9.0,	0.0,	1.2);	( -90.0,	-9.0,	0.0,	1.2);
( -90.0,	-11.0,	0.0,	1.2);	( -90.0,	-13.0,	0.0,	1.2);
( -90.0,	-15.0,	0.0,	1.2);	( -90.0,	-17.0,	0.0,	1.2);
( -90.0,	-20.0,	0.0,	1.2);	( -90.0,	-25.0,	0.0,	1.2);
( -90.0,	-30.0,	0.0,	1.2);	( -90.0,	-40.0,	0.0,	1.2);
( -90.0,	-50.0,	0.0,	1.2);	( -90.0,	-60.0,	0.0,	1.2);
( -90.0,	-70.0,	0.0,	1.2);	( -90.0,	-80.0,	0.0,	1.2);
( -90.0,	-90.0,	0.0,	1.2);	( -90.0,	-100.0,	0.0,	1.2);
( -80.0,	100.0,	0.0,	1.2);	( -80.0,	90.0,	0.0,	1.2);
( -80.0,	80.0,	0.0,	1.2);	( -80.0,	70.0,	0.0,	1.2);
( -80.0,	60.0,	0.0,	1.2);	( -80.0,	50.0,	0.0,	1.2);
( -80.0,	40.0,	0.0,	1.2);	( -80.0,	30.0,	0.0,	1.2);
( -80.0,	25.0,	0.0,	1.2);	( -80.0,	20.0,	0.0,	1.2);
( -80.0,	17.0,	0.0,	1.2);	( -80.0,	15.0,	0.0,	1.2);
( -80.0,	13.0,	0.0,	1.2);	( -80.0,	11.0,	0.0,	1.2);
( -80.0,	9.0,	0.0,	1.2);	( -80.0,	-9.0,	0.0,	1.2);
( -80.0,	-11.0,	0.0,	1.2);	( -80.0,	-13.0,	0.0,	1.2);
( -80.0,	-15.0,	0.0,	1.2);	( -80.0,	-17.0,	0.0,	1.2);
( -80.0,	-20.0,	0.0,	1.2);	( -80.0,	-25.0,	0.0,	1.2);
( -80.0,	-30.0,	0.0,	1.2);	( -80.0,	-40.0,	0.0,	1.2);
( -80.0,	-50.0,	0.0,	1.2);	( -80.0,	-60.0,	0.0,	1.2);
( -80.0,	-70.0,	0.0,	1.2);	( -80.0,	-80.0,	0.0,	1.2);
( -80.0,	-90.0,	0.0,	1.2);	( -80.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

( -70.0, 100.0, 0.0, 1.2);	( -70.0, 90.0, 0.0, 1.2);
( -70.0, 80.0, 0.0, 1.2);	( -70.0, 70.0, 0.0, 1.2);
( -70.0, 60.0, 0.0, 1.2);	( -70.0, 50.0, 0.0, 1.2);
( -70.0, 40.0, 0.0, 1.2);	( -70.0, 30.0, 0.0, 1.2);
( -70.0, 25.0, 0.0, 1.2);	( -70.0, 20.0, 0.0, 1.2);
( -70.0, 17.0, 0.0, 1.2);	( -70.0, 15.0, 0.0, 1.2);
( -70.0, 13.0, 0.0, 1.2);	( -70.0, 11.0, 0.0, 1.2);
( -70.0, 9.0, 0.0, 1.2);	( -70.0, -9.0, 0.0, 1.2);
( -70.0, -11.0, 0.0, 1.2);	( -70.0, -13.0, 0.0, 1.2);
( -70.0, -15.0, 0.0, 1.2);	( -70.0, -17.0, 0.0, 1.2);
( -70.0, -20.0, 0.0, 1.2);	( -70.0, -25.0, 0.0, 1.2);
( -70.0, -30.0, 0.0, 1.2);	( -70.0, -40.0, 0.0, 1.2);
( -70.0, -50.0, 0.0, 1.2);	( -70.0, -60.0, 0.0, 1.2);
( -70.0, -70.0, 0.0, 1.2);	( -70.0, -80.0, 0.0, 1.2);
( -70.0, -90.0, 0.0, 1.2);	( -70.0, -100.0, 0.0, 1.2);
( -60.0, 100.0, 0.0, 1.2);	( -60.0, 90.0, 0.0, 1.2);
( -60.0, 80.0, 0.0, 1.2);	( -60.0, 70.0, 0.0, 1.2);
( -60.0, 60.0, 0.0, 1.2);	( -60.0, 50.0, 0.0, 1.2);
( -60.0, 40.0, 0.0, 1.2);	( -60.0, 30.0, 0.0, 1.2);
( -60.0, 25.0, 0.0, 1.2);	( -60.0, 20.0, 0.0, 1.2);
( -60.0, 17.0, 0.0, 1.2);	( -60.0, 15.0, 0.0, 1.2);
( -60.0, 13.0, 0.0, 1.2);	( -60.0, 11.0, 0.0, 1.2);
( -60.0, 9.0, 0.0, 1.2);	( -60.0, -9.0, 0.0, 1.2);
( -60.0, -11.0, 0.0, 1.2);	( -60.0, -13.0, 0.0, 1.2);
( -60.0, -15.0, 0.0, 1.2);	( -60.0, -17.0, 0.0, 1.2);
( -60.0, -20.0, 0.0, 1.2);	( -60.0, -25.0, 0.0, 1.2);
( -60.0, -30.0, 0.0, 1.2);	( -60.0, -40.0, 0.0, 1.2);
( -60.0, -50.0, 0.0, 1.2);	( -60.0, -60.0, 0.0, 1.2);
( -60.0, -70.0, 0.0, 1.2);	( -60.0, -80.0, 0.0, 1.2);
( -60.0, -90.0, 0.0, 1.2);	( -60.0, -100.0, 0.0, 1.2);
( -50.0, 100.0, 0.0, 1.2);	( -50.0, 90.0, 0.0, 1.2);
( -50.0, 80.0, 0.0, 1.2);	( -50.0, 70.0, 0.0, 1.2);
( -50.0, 60.0, 0.0, 1.2);	( -50.0, 50.0, 0.0, 1.2);
( -50.0, 40.0, 0.0, 1.2);	( -50.0, 30.0, 0.0, 1.2);
( -50.0, 25.0, 0.0, 1.2);	( -50.0, 20.0, 0.0, 1.2);
( -50.0, 17.0, 0.0, 1.2);	( -50.0, 15.0, 0.0, 1.2);
( -50.0, 13.0, 0.0, 1.2);	( -50.0, 11.0, 0.0, 1.2);
( -50.0, 9.0, 0.0, 1.2);	( -50.0, -9.0, 0.0, 1.2);
( -50.0, -11.0, 0.0, 1.2);	( -50.0, -13.0, 0.0, 1.2);
( -50.0, -15.0, 0.0, 1.2);	( -50.0, -17.0, 0.0, 1.2);
( -50.0, -20.0, 0.0, 1.2);	( -50.0, -25.0, 0.0, 1.2);
( -50.0, -30.0, 0.0, 1.2);	( -50.0, -40.0, 0.0, 1.2);
( -50.0, -50.0, 0.0, 1.2);	( -50.0, -60.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( -50.0, -70.0, 0.0, 1.2); ( -50.0, -80.0, 0.0, 1.2);  
( -50.0, -90.0, 0.0, 1.2); ( -50.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\*  
\*\*\*

11:04:59  
\*\*MODELOPTs:  
PAGE 11  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -40.0, 100.0, 0.0, 1.2); ( -40.0, 90.0, 0.0, 1.2);  
( -40.0, 80.0, 0.0, 1.2); ( -40.0, 70.0, 0.0, 1.2);  
( -40.0, 60.0, 0.0, 1.2); ( -40.0, 50.0, 0.0, 1.2);  
( -40.0, 40.0, 0.0, 1.2); ( -40.0, 30.0, 0.0, 1.2);  
( -40.0, 25.0, 0.0, 1.2); ( -40.0, 20.0, 0.0, 1.2);  
( -40.0, 17.0, 0.0, 1.2); ( -40.0, 15.0, 0.0, 1.2);  
( -40.0, 13.0, 0.0, 1.2); ( -40.0, 11.0, 0.0, 1.2);  
( -40.0, 9.0, 0.0, 1.2); ( -40.0, -9.0, 0.0, 1.2);  
( -40.0, -11.0, 0.0, 1.2); ( -40.0, -13.0, 0.0, 1.2);  
( -40.0, -15.0, 0.0, 1.2); ( -40.0, -17.0, 0.0, 1.2);  
( -40.0, -20.0, 0.0, 1.2); ( -40.0, -25.0, 0.0, 1.2);  
( -40.0, -30.0, 0.0, 1.2); ( -40.0, -40.0, 0.0, 1.2);  
( -40.0, -50.0, 0.0, 1.2); ( -40.0, -60.0, 0.0, 1.2);  
( -40.0, -70.0, 0.0, 1.2); ( -40.0, -80.0, 0.0, 1.2);  
( -40.0, -90.0, 0.0, 1.2); ( -40.0, -100.0, 0.0, 1.2);  
( -30.0, 100.0, 0.0, 1.2); ( -30.0, 90.0, 0.0, 1.2);  
( -30.0, 80.0, 0.0, 1.2); ( -30.0, 70.0, 0.0, 1.2);  
( -30.0, 60.0, 0.0, 1.2); ( -30.0, 50.0, 0.0, 1.2);  
( -30.0, 40.0, 0.0, 1.2); ( -30.0, 30.0, 0.0, 1.2);  
( -30.0, 25.0, 0.0, 1.2); ( -30.0, 20.0, 0.0, 1.2);  
( -30.0, 17.0, 0.0, 1.2); ( -30.0, 15.0, 0.0, 1.2);  
( -30.0, 13.0, 0.0, 1.2); ( -30.0, 11.0, 0.0, 1.2);  
( -30.0, 9.0, 0.0, 1.2); ( -30.0, -9.0, 0.0, 1.2);  
( -30.0, -11.0, 0.0, 1.2); ( -30.0, -13.0, 0.0, 1.2);  
( -30.0, -15.0, 0.0, 1.2); ( -30.0, -17.0, 0.0, 1.2);  
( -30.0, -20.0, 0.0, 1.2); ( -30.0, -25.0, 0.0, 1.2);  
( -30.0, -30.0, 0.0, 1.2); ( -30.0, -40.0, 0.0, 1.2);  
( -30.0, -50.0, 0.0, 1.2); ( -30.0, -60.0, 0.0, 1.2);  
( -30.0, -70.0, 0.0, 1.2); ( -30.0, -80.0, 0.0, 1.2);  
( -30.0, -90.0, 0.0, 1.2); ( -30.0, -100.0, 0.0, 1.2);  
( -20.0, 100.0, 0.0, 1.2); ( -20.0, 90.0, 0.0, 1.2);  
( -20.0, 80.0, 0.0, 1.2); ( -20.0, 70.0, 0.0, 1.2);  
( -20.0, 60.0, 0.0, 1.2); ( -20.0, 50.0, 0.0, 1.2);  
( -20.0, 40.0, 0.0, 1.2); ( -20.0, 30.0, 0.0, 1.2);  
( -20.0, 25.0, 0.0, 1.2); ( -20.0, 20.0, 0.0, 1.2);





10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 0.0, -50.0, 0.0, 1.2);	( 0.0, -60.0, 0.0, 1.2);
( 0.0, -70.0, 0.0, 1.2);	( 0.0, -80.0, 0.0, 1.2);
( 0.0, -90.0, 0.0, 1.2);	( 0.0, -100.0, 0.0, 1.2);
( 10.0, 100.0, 0.0, 1.2);	( 10.0, 90.0, 0.0, 1.2);
( 10.0, 80.0, 0.0, 1.2);	( 10.0, 70.0, 0.0, 1.2);
( 10.0, 60.0, 0.0, 1.2);	( 10.0, 50.0, 0.0, 1.2);
( 10.0, 40.0, 0.0, 1.2);	( 10.0, 30.0, 0.0, 1.2);
( 10.0, 25.0, 0.0, 1.2);	( 10.0, 20.0, 0.0, 1.2);
( 10.0, 17.0, 0.0, 1.2);	( 10.0, 15.0, 0.0, 1.2);
( 10.0, 13.0, 0.0, 1.2);	( 10.0, 11.0, 0.0, 1.2);
( 10.0, 9.0, 0.0, 1.2);	( 10.0, -9.0, 0.0, 1.2);
( 10.0, -11.0, 0.0, 1.2);	( 10.0, -13.0, 0.0, 1.2);
( 10.0, -15.0, 0.0, 1.2);	( 10.0, -17.0, 0.0, 1.2);
( 10.0, -20.0, 0.0, 1.2);	( 10.0, -25.0, 0.0, 1.2);
( 10.0, -30.0, 0.0, 1.2);	( 10.0, -40.0, 0.0, 1.2);
( 10.0, -50.0, 0.0, 1.2);	( 10.0, -60.0, 0.0, 1.2);
( 10.0, -70.0, 0.0, 1.2);	( 10.0, -80.0, 0.0, 1.2);
( 10.0, -90.0, 0.0, 1.2);	( 10.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 20.0, 100.0, 0.0, 1.2);	( 20.0, 90.0, 0.0, 1.2);
( 20.0, 80.0, 0.0, 1.2);	( 20.0, 70.0, 0.0, 1.2);
( 20.0, 60.0, 0.0, 1.2);	( 20.0, 50.0, 0.0, 1.2);
( 20.0, 40.0, 0.0, 1.2);	( 20.0, 30.0, 0.0, 1.2);
( 20.0, 25.0, 0.0, 1.2);	( 20.0, 20.0, 0.0, 1.2);
( 20.0, 17.0, 0.0, 1.2);	( 20.0, 15.0, 0.0, 1.2);
( 20.0, 13.0, 0.0, 1.2);	( 20.0, 11.0, 0.0, 1.2);
( 20.0, 9.0, 0.0, 1.2);	( 20.0, -9.0, 0.0, 1.2);
( 20.0, -11.0, 0.0, 1.2);	( 20.0, -13.0, 0.0, 1.2);
( 20.0, -15.0, 0.0, 1.2);	( 20.0, -17.0, 0.0, 1.2);
( 20.0, -20.0, 0.0, 1.2);	( 20.0, -25.0, 0.0, 1.2);
( 20.0, -30.0, 0.0, 1.2);	( 20.0, -40.0, 0.0, 1.2);
( 20.0, -50.0, 0.0, 1.2);	( 20.0, -60.0, 0.0, 1.2);
( 20.0, -70.0, 0.0, 1.2);	( 20.0, -80.0, 0.0, 1.2);
( 20.0, -90.0, 0.0, 1.2);	( 20.0, -100.0, 0.0, 1.2);
( 30.0, 100.0, 0.0, 1.2);	( 30.0, 90.0, 0.0, 1.2);
( 30.0, 80.0, 0.0, 1.2);	( 30.0, 70.0, 0.0, 1.2);
( 30.0, 60.0, 0.0, 1.2);	( 30.0, 50.0, 0.0, 1.2);
( 30.0, 40.0, 0.0, 1.2);	( 30.0, 30.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);
( 30.0, 17.0, 0.0, 1.2);	( 30.0, 15.0, 0.0, 1.2);
( 30.0, 13.0, 0.0, 1.2);	( 30.0, 11.0, 0.0, 1.2);
( 30.0, 9.0, 0.0, 1.2);	( 30.0, -9.0, 0.0, 1.2);
( 30.0, -11.0, 0.0, 1.2);	( 30.0, -13.0, 0.0, 1.2);
( 30.0, -15.0, 0.0, 1.2);	( 30.0, -17.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2);	( 30.0, -25.0, 0.0, 1.2);
( 30.0, -30.0, 0.0, 1.2);	( 30.0, -40.0, 0.0, 1.2);
( 30.0, -50.0, 0.0, 1.2);	( 30.0, -60.0, 0.0, 1.2);
( 30.0, -70.0, 0.0, 1.2);	( 30.0, -80.0, 0.0, 1.2);
( 30.0, -90.0, 0.0, 1.2);	( 30.0, -100.0, 0.0, 1.2);
( 40.0, 100.0, 0.0, 1.2);	( 40.0, 90.0, 0.0, 1.2);
( 40.0, 80.0, 0.0, 1.2);	( 40.0, 70.0, 0.0, 1.2);
( 40.0, 60.0, 0.0, 1.2);	( 40.0, 50.0, 0.0, 1.2);
( 40.0, 40.0, 0.0, 1.2);	( 40.0, 30.0, 0.0, 1.2);
( 40.0, 25.0, 0.0, 1.2);	( 40.0, 20.0, 0.0, 1.2);
( 40.0, 17.0, 0.0, 1.2);	( 40.0, 15.0, 0.0, 1.2);
( 40.0, 13.0, 0.0, 1.2);	( 40.0, 11.0, 0.0, 1.2);
( 40.0, 9.0, 0.0, 1.2);	( 40.0, -9.0, 0.0, 1.2);
( 40.0, -11.0, 0.0, 1.2);	( 40.0, -13.0, 0.0, 1.2);
( 40.0, -15.0, 0.0, 1.2);	( 40.0, -17.0, 0.0, 1.2);
( 40.0, -20.0, 0.0, 1.2);	( 40.0, -25.0, 0.0, 1.2);
( 40.0, -30.0, 0.0, 1.2);	( 40.0, -40.0, 0.0, 1.2);
( 40.0, -50.0, 0.0, 1.2);	( 40.0, -60.0, 0.0, 1.2);
( 40.0, -70.0, 0.0, 1.2);	( 40.0, -80.0, 0.0, 1.2);
( 40.0, -90.0, 0.0, 1.2);	( 40.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
    \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 50.0, 100.0, 0.0, 1.2);	( 50.0, 90.0, 0.0, 1.2);
( 50.0, 80.0, 0.0, 1.2);	( 50.0, 70.0, 0.0, 1.2);
( 50.0, 60.0, 0.0, 1.2);	( 50.0, 50.0, 0.0, 1.2);
( 50.0, 40.0, 0.0, 1.2);	( 50.0, 30.0, 0.0, 1.2);
( 50.0, 25.0, 0.0, 1.2);	( 50.0, 20.0, 0.0, 1.2);
( 50.0, 17.0, 0.0, 1.2);	( 50.0, 15.0, 0.0, 1.2);
( 50.0, 13.0, 0.0, 1.2);	( 50.0, 11.0, 0.0, 1.2);
( 50.0, 9.0, 0.0, 1.2);	( 50.0, -9.0, 0.0, 1.2);
( 50.0, -11.0, 0.0, 1.2);	( 50.0, -13.0, 0.0, 1.2);
( 50.0, -15.0, 0.0, 1.2);	( 50.0, -17.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2);	( 50.0, -25.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);
( 50.0, -50.0, 0.0, 1.2);	( 50.0, -60.0, 0.0, 1.2);
( 50.0, -70.0, 0.0, 1.2);	( 50.0, -80.0, 0.0, 1.2);
( 50.0, -90.0, 0.0, 1.2);	( 50.0, -100.0, 0.0, 1.2);
( 60.0, 100.0, 0.0, 1.2);	( 60.0, 90.0, 0.0, 1.2);
( 60.0, 80.0, 0.0, 1.2);	( 60.0, 70.0, 0.0, 1.2);
( 60.0, 60.0, 0.0, 1.2);	( 60.0, 50.0, 0.0, 1.2);
( 60.0, 40.0, 0.0, 1.2);	( 60.0, 30.0, 0.0, 1.2);
( 60.0, 25.0, 0.0, 1.2);	( 60.0, 20.0, 0.0, 1.2);
( 60.0, 17.0, 0.0, 1.2);	( 60.0, 15.0, 0.0, 1.2);
( 60.0, 13.0, 0.0, 1.2);	( 60.0, 11.0, 0.0, 1.2);
( 60.0, 9.0, 0.0, 1.2);	( 60.0, -9.0, 0.0, 1.2);
( 60.0, -11.0, 0.0, 1.2);	( 60.0, -13.0, 0.0, 1.2);
( 60.0, -15.0, 0.0, 1.2);	( 60.0, -17.0, 0.0, 1.2);
( 60.0, -20.0, 0.0, 1.2);	( 60.0, -25.0, 0.0, 1.2);
( 60.0, -30.0, 0.0, 1.2);	( 60.0, -40.0, 0.0, 1.2);
( 60.0, -50.0, 0.0, 1.2);	( 60.0, -60.0, 0.0, 1.2);
( 60.0, -70.0, 0.0, 1.2);	( 60.0, -80.0, 0.0, 1.2);
( 60.0, -90.0, 0.0, 1.2);	( 60.0, -100.0, 0.0, 1.2);
( 70.0, 100.0, 0.0, 1.2);	( 70.0, 90.0, 0.0, 1.2);
( 70.0, 80.0, 0.0, 1.2);	( 70.0, 70.0, 0.0, 1.2);
( 70.0, 60.0, 0.0, 1.2);	( 70.0, 50.0, 0.0, 1.2);
( 70.0, 40.0, 0.0, 1.2);	( 70.0, 30.0, 0.0, 1.2);
( 70.0, 25.0, 0.0, 1.2);	( 70.0, 20.0, 0.0, 1.2);
( 70.0, 17.0, 0.0, 1.2);	( 70.0, 15.0, 0.0, 1.2);
( 70.0, 13.0, 0.0, 1.2);	( 70.0, 11.0, 0.0, 1.2);
( 70.0, 9.0, 0.0, 1.2);	( 70.0, -9.0, 0.0, 1.2);
( 70.0, -11.0, 0.0, 1.2);	( 70.0, -13.0, 0.0, 1.2);
( 70.0, -15.0, 0.0, 1.2);	( 70.0, -17.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2);	( 70.0, -25.0, 0.0, 1.2);
( 70.0, -30.0, 0.0, 1.2);	( 70.0, -40.0, 0.0, 1.2);
( 70.0, -50.0, 0.0, 1.2);	( 70.0, -60.0, 0.0, 1.2);
( 70.0, -70.0, 0.0, 1.2);	( 70.0, -80.0, 0.0, 1.2);
( 70.0, -90.0, 0.0, 1.2);	( 70.0, -100.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 80.0, 100.0, 0.0, 1.2);	( 80.0, 90.0, 0.0, 1.2);
( 80.0, 80.0, 0.0, 1.2);	( 80.0, 70.0, 0.0, 1.2);
( 80.0, 60.0, 0.0, 1.2);	( 80.0, 50.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 80.0, 40.0, 0.0, 1.2);	( 80.0, 30.0, 0.0, 1.2);
( 80.0, 25.0, 0.0, 1.2);	( 80.0, 20.0, 0.0, 1.2);
( 80.0, 17.0, 0.0, 1.2);	( 80.0, 15.0, 0.0, 1.2);
( 80.0, 13.0, 0.0, 1.2);	( 80.0, 11.0, 0.0, 1.2);
( 80.0, 9.0, 0.0, 1.2);	( 80.0, -9.0, 0.0, 1.2);
( 80.0, -11.0, 0.0, 1.2);	( 80.0, -13.0, 0.0, 1.2);
( 80.0, -15.0, 0.0, 1.2);	( 80.0, -17.0, 0.0, 1.2);
( 80.0, -20.0, 0.0, 1.2);	( 80.0, -25.0, 0.0, 1.2);
( 80.0, -30.0, 0.0, 1.2);	( 80.0, -40.0, 0.0, 1.2);
( 80.0, -50.0, 0.0, 1.2);	( 80.0, -60.0, 0.0, 1.2);
( 80.0, -70.0, 0.0, 1.2);	( 80.0, -80.0, 0.0, 1.2);
( 80.0, -90.0, 0.0, 1.2);	( 80.0, -100.0, 0.0, 1.2);
( 90.0, 100.0, 0.0, 1.2);	( 90.0, 90.0, 0.0, 1.2);
( 90.0, 80.0, 0.0, 1.2);	( 90.0, 70.0, 0.0, 1.2);
( 90.0, 60.0, 0.0, 1.2);	( 90.0, 50.0, 0.0, 1.2);
( 90.0, 40.0, 0.0, 1.2);	( 90.0, 30.0, 0.0, 1.2);
( 90.0, 25.0, 0.0, 1.2);	( 90.0, 20.0, 0.0, 1.2);
( 90.0, 17.0, 0.0, 1.2);	( 90.0, 15.0, 0.0, 1.2);
( 90.0, 13.0, 0.0, 1.2);	( 90.0, 11.0, 0.0, 1.2);
( 90.0, 9.0, 0.0, 1.2);	( 90.0, -9.0, 0.0, 1.2);
( 90.0, -11.0, 0.0, 1.2);	( 90.0, -13.0, 0.0, 1.2);
( 90.0, -15.0, 0.0, 1.2);	( 90.0, -17.0, 0.0, 1.2);
( 90.0, -20.0, 0.0, 1.2);	( 90.0, -25.0, 0.0, 1.2);
( 90.0, -30.0, 0.0, 1.2);	( 90.0, -40.0, 0.0, 1.2);
( 90.0, -50.0, 0.0, 1.2);	( 90.0, -60.0, 0.0, 1.2);
( 90.0, -70.0, 0.0, 1.2);	( 90.0, -80.0, 0.0, 1.2);
( 90.0, -90.0, 0.0, 1.2);	( 90.0, -100.0, 0.0, 1.2);
( 100.0, 100.0, 0.0, 1.2);	( 100.0, 90.0, 0.0, 1.2);
( 100.0, 80.0, 0.0, 1.2);	( 100.0, 70.0, 0.0, 1.2);
( 100.0, 60.0, 0.0, 1.2);	( 100.0, 50.0, 0.0, 1.2);
( 100.0, 40.0, 0.0, 1.2);	( 100.0, 30.0, 0.0, 1.2);
( 100.0, 25.0, 0.0, 1.2);	( 100.0, 20.0, 0.0, 1.2);
( 100.0, 17.0, 0.0, 1.2);	( 100.0, 15.0, 0.0, 1.2);
( 100.0, 13.0, 0.0, 1.2);	( 100.0, 11.0, 0.0, 1.2);
( 100.0, 9.0, 0.0, 1.2);	( 100.0, -9.0, 0.0, 1.2);
( 100.0, -11.0, 0.0, 1.2);	( 100.0, -13.0, 0.0, 1.2);
( 100.0, -15.0, 0.0, 1.2);	( 100.0, -17.0, 0.0, 1.2);
( 100.0, -20.0, 0.0, 1.2);	( 100.0, -25.0, 0.0, 1.2);
( 100.0, -30.0, 0.0, 1.2);	( 100.0, -40.0, 0.0, 1.2);
( 100.0, -50.0, 0.0, 1.2);	( 100.0, -60.0, 0.0, 1.2);
( 100.0, -70.0, 0.0, 1.2);	( 100.0, -80.0, 0.0, 1.2);
( 100.0, -90.0, 0.0, 1.2);	( 100.0, -100.0, 0.0, 1.2);

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 110.0, 100.0, 0.0, 1.2);	( 110.0, 90.0, 0.0, 1.2);
( 110.0, 80.0, 0.0, 1.2);	( 110.0, 70.0, 0.0, 1.2);
( 110.0, 60.0, 0.0, 1.2);	( 110.0, 50.0, 0.0, 1.2);
( 110.0, 40.0, 0.0, 1.2);	( 110.0, 30.0, 0.0, 1.2);
( 110.0, 25.0, 0.0, 1.2);	( 110.0, 20.0, 0.0, 1.2);
( 110.0, 17.0, 0.0, 1.2);	( 110.0, 15.0, 0.0, 1.2);
( 110.0, 13.0, 0.0, 1.2);	( 110.0, 11.0, 0.0, 1.2);
( 110.0, 9.0, 0.0, 1.2);	( 110.0, -9.0, 0.0, 1.2);
( 110.0, -11.0, 0.0, 1.2);	( 110.0, -13.0, 0.0, 1.2);
( 110.0, -15.0, 0.0, 1.2);	( 110.0, -17.0, 0.0, 1.2);
( 110.0, -20.0, 0.0, 1.2);	( 110.0, -25.0, 0.0, 1.2);
( 110.0, -30.0, 0.0, 1.2);	( 110.0, -40.0, 0.0, 1.2);
( 110.0, -50.0, 0.0, 1.2);	( 110.0, -60.0, 0.0, 1.2);
( 110.0, -70.0, 0.0, 1.2);	( 110.0, -80.0, 0.0, 1.2);
( 110.0, -90.0, 0.0, 1.2);	( 110.0, -100.0, 0.0, 1.2);
( 120.0, 100.0, 0.0, 1.2);	( 120.0, 90.0, 0.0, 1.2);
( 120.0, 80.0, 0.0, 1.2);	( 120.0, 70.0, 0.0, 1.2);
( 120.0, 60.0, 0.0, 1.2);	( 120.0, 50.0, 0.0, 1.2);
( 120.0, 40.0, 0.0, 1.2);	( 120.0, 30.0, 0.0, 1.2);
( 120.0, 25.0, 0.0, 1.2);	( 120.0, 20.0, 0.0, 1.2);
( 120.0, 17.0, 0.0, 1.2);	( 120.0, 15.0, 0.0, 1.2);
( 120.0, 13.0, 0.0, 1.2);	( 120.0, 11.0, 0.0, 1.2);
( 120.0, 9.0, 0.0, 1.2);	( 120.0, -9.0, 0.0, 1.2);
( 120.0, -11.0, 0.0, 1.2);	( 120.0, -13.0, 0.0, 1.2);
( 120.0, -15.0, 0.0, 1.2);	( 120.0, -17.0, 0.0, 1.2);
( 120.0, -20.0, 0.0, 1.2);	( 120.0, -25.0, 0.0, 1.2);
( 120.0, -30.0, 0.0, 1.2);	( 120.0, -40.0, 0.0, 1.2);
( 120.0, -50.0, 0.0, 1.2);	( 120.0, -60.0, 0.0, 1.2);
( 120.0, -70.0, 0.0, 1.2);	( 120.0, -80.0, 0.0, 1.2);
( 120.0, -90.0, 0.0, 1.2);	( 120.0, -100.0, 0.0, 1.2);
( 130.0, 100.0, 0.0, 1.2);	( 130.0, 90.0, 0.0, 1.2);
( 130.0, 80.0, 0.0, 1.2);	( 130.0, 70.0, 0.0, 1.2);
( 130.0, 60.0, 0.0, 1.2);	( 130.0, 50.0, 0.0, 1.2);
( 130.0, 40.0, 0.0, 1.2);	( 130.0, 30.0, 0.0, 1.2);
( 130.0, 25.0, 0.0, 1.2);	( 130.0, 20.0, 0.0, 1.2);
( 130.0, 17.0, 0.0, 1.2);	( 130.0, 15.0, 0.0, 1.2);
( 130.0, 13.0, 0.0, 1.2);	( 130.0, 11.0, 0.0, 1.2);
( 130.0, 9.0, 0.0, 1.2);	( 130.0, -9.0, 0.0, 1.2);
( 130.0, -11.0, 0.0, 1.2);	( 130.0, -13.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

( 130.0,	-15.0,	0.0,	1.2);	( 130.0,	-17.0,	0.0,	1.2);
( 130.0,	-20.0,	0.0,	1.2);	( 130.0,	-25.0,	0.0,	1.2);
( 130.0,	-30.0,	0.0,	1.2);	( 130.0,	-40.0,	0.0,	1.2);
( 130.0,	-50.0,	0.0,	1.2);	( 130.0,	-60.0,	0.0,	1.2);
( 130.0,	-70.0,	0.0,	1.2);	( 130.0,	-80.0,	0.0,	1.2);
( 130.0,	-90.0,	0.0,	1.2);	( 130.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 140.0,	100.0,	0.0,	1.2);	( 140.0,	90.0,	0.0,	1.2);
( 140.0,	80.0,	0.0,	1.2);	( 140.0,	70.0,	0.0,	1.2);
( 140.0,	60.0,	0.0,	1.2);	( 140.0,	50.0,	0.0,	1.2);
( 140.0,	40.0,	0.0,	1.2);	( 140.0,	30.0,	0.0,	1.2);
( 140.0,	25.0,	0.0,	1.2);	( 140.0,	20.0,	0.0,	1.2);
( 140.0,	17.0,	0.0,	1.2);	( 140.0,	15.0,	0.0,	1.2);
( 140.0,	13.0,	0.0,	1.2);	( 140.0,	11.0,	0.0,	1.2);
( 140.0,	9.0,	0.0,	1.2);	( 140.0,	-9.0,	0.0,	1.2);
( 140.0,	-11.0,	0.0,	1.2);	( 140.0,	-13.0,	0.0,	1.2);
( 140.0,	-15.0,	0.0,	1.2);	( 140.0,	-17.0,	0.0,	1.2);
( 140.0,	-20.0,	0.0,	1.2);	( 140.0,	-25.0,	0.0,	1.2);
( 140.0,	-30.0,	0.0,	1.2);	( 140.0,	-40.0,	0.0,	1.2);
( 140.0,	-50.0,	0.0,	1.2);	( 140.0,	-60.0,	0.0,	1.2);
( 140.0,	-70.0,	0.0,	1.2);	( 140.0,	-80.0,	0.0,	1.2);
( 140.0,	-90.0,	0.0,	1.2);	( 140.0,	-100.0,	0.0,	1.2);
( 150.0,	100.0,	0.0,	1.2);	( 150.0,	90.0,	0.0,	1.2);
( 150.0,	80.0,	0.0,	1.2);	( 150.0,	70.0,	0.0,	1.2);
( 150.0,	60.0,	0.0,	1.2);	( 150.0,	50.0,	0.0,	1.2);
( 150.0,	40.0,	0.0,	1.2);	( 150.0,	30.0,	0.0,	1.2);
( 150.0,	25.0,	0.0,	1.2);	( 150.0,	20.0,	0.0,	1.2);
( 150.0,	17.0,	0.0,	1.2);	( 150.0,	15.0,	0.0,	1.2);
( 150.0,	13.0,	0.0,	1.2);	( 150.0,	11.0,	0.0,	1.2);
( 150.0,	9.0,	0.0,	1.2);	( 150.0,	-9.0,	0.0,	1.2);
( 150.0,	-11.0,	0.0,	1.2);	( 150.0,	-13.0,	0.0,	1.2);
( 150.0,	-15.0,	0.0,	1.2);	( 150.0,	-17.0,	0.0,	1.2);
( 150.0,	-20.0,	0.0,	1.2);	( 150.0,	-25.0,	0.0,	1.2);
( 150.0,	-30.0,	0.0,	1.2);	( 150.0,	-40.0,	0.0,	1.2);
( 150.0,	-50.0,	0.0,	1.2);	( 150.0,	-60.0,	0.0,	1.2);
( 150.0,	-70.0,	0.0,	1.2);	( 150.0,	-80.0,	0.0,	1.2);
( 150.0,	-90.0,	0.0,	1.2);	( 150.0,	-100.0,	0.0,	1.2);
( 160.0,	100.0,	0.0,	1.2);	( 160.0,	90.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

( 160.0,	80.0,	0.0,	1.2);	( 160.0,	70.0,	0.0,	1.2);
( 160.0,	60.0,	0.0,	1.2);	( 160.0,	50.0,	0.0,	1.2);
( 160.0,	40.0,	0.0,	1.2);	( 160.0,	30.0,	0.0,	1.2);
( 160.0,	25.0,	0.0,	1.2);	( 160.0,	20.0,	0.0,	1.2);
( 160.0,	17.0,	0.0,	1.2);	( 160.0,	15.0,	0.0,	1.2);
( 160.0,	13.0,	0.0,	1.2);	( 160.0,	11.0,	0.0,	1.2);
( 160.0,	9.0,	0.0,	1.2);	( 160.0,	-9.0,	0.0,	1.2);
( 160.0,	-11.0,	0.0,	1.2);	( 160.0,	-13.0,	0.0,	1.2);
( 160.0,	-15.0,	0.0,	1.2);	( 160.0,	-17.0,	0.0,	1.2);
( 160.0,	-20.0,	0.0,	1.2);	( 160.0,	-25.0,	0.0,	1.2);
( 160.0,	-30.0,	0.0,	1.2);	( 160.0,	-40.0,	0.0,	1.2);
( 160.0,	-50.0,	0.0,	1.2);	( 160.0,	-60.0,	0.0,	1.2);
( 160.0,	-70.0,	0.0,	1.2);	( 160.0,	-80.0,	0.0,	1.2);
( 160.0,	-90.0,	0.0,	1.2);	( 160.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 170.0,	100.0,	0.0,	1.2);	( 170.0,	90.0,	0.0,	1.2);
( 170.0,	80.0,	0.0,	1.2);	( 170.0,	70.0,	0.0,	1.2);
( 170.0,	60.0,	0.0,	1.2);	( 170.0,	50.0,	0.0,	1.2);
( 170.0,	40.0,	0.0,	1.2);	( 170.0,	30.0,	0.0,	1.2);
( 170.0,	25.0,	0.0,	1.2);	( 170.0,	20.0,	0.0,	1.2);
( 170.0,	17.0,	0.0,	1.2);	( 170.0,	15.0,	0.0,	1.2);
( 170.0,	13.0,	0.0,	1.2);	( 170.0,	11.0,	0.0,	1.2);
( 170.0,	9.0,	0.0,	1.2);	( 170.0,	-9.0,	0.0,	1.2);
( 170.0,	-11.0,	0.0,	1.2);	( 170.0,	-13.0,	0.0,	1.2);
( 170.0,	-15.0,	0.0,	1.2);	( 170.0,	-17.0,	0.0,	1.2);
( 170.0,	-20.0,	0.0,	1.2);	( 170.0,	-25.0,	0.0,	1.2);
( 170.0,	-30.0,	0.0,	1.2);	( 170.0,	-40.0,	0.0,	1.2);
( 170.0,	-50.0,	0.0,	1.2);	( 170.0,	-60.0,	0.0,	1.2);
( 170.0,	-70.0,	0.0,	1.2);	( 170.0,	-80.0,	0.0,	1.2);
( 170.0,	-90.0,	0.0,	1.2);	( 170.0,	-100.0,	0.0,	1.2);
( 180.0,	100.0,	0.0,	1.2);	( 180.0,	90.0,	0.0,	1.2);
( 180.0,	80.0,	0.0,	1.2);	( 180.0,	70.0,	0.0,	1.2);
( 180.0,	60.0,	0.0,	1.2);	( 180.0,	50.0,	0.0,	1.2);
( 180.0,	40.0,	0.0,	1.2);	( 180.0,	30.0,	0.0,	1.2);
( 180.0,	25.0,	0.0,	1.2);	( 180.0,	20.0,	0.0,	1.2);
( 180.0,	17.0,	0.0,	1.2);	( 180.0,	15.0,	0.0,	1.2);
( 180.0,	13.0,	0.0,	1.2);	( 180.0,	11.0,	0.0,	1.2);
( 180.0,	9.0,	0.0,	1.2);	( 180.0,	-9.0,	0.0,	1.2);



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 180.0,	-11.0,	0.0,	1.2);	( 180.0,	-13.0,	0.0,	1.2);
( 180.0,	-15.0,	0.0,	1.2);	( 180.0,	-17.0,	0.0,	1.2);
( 180.0,	-20.0,	0.0,	1.2);	( 180.0,	-25.0,	0.0,	1.2);
( 180.0,	-30.0,	0.0,	1.2);	( 180.0,	-40.0,	0.0,	1.2);
( 180.0,	-50.0,	0.0,	1.2);	( 180.0,	-60.0,	0.0,	1.2);
( 180.0,	-70.0,	0.0,	1.2);	( 180.0,	-80.0,	0.0,	1.2);
( 180.0,	-90.0,	0.0,	1.2);	( 180.0,	-100.0,	0.0,	1.2);
( 190.0,	100.0,	0.0,	1.2);	( 190.0,	90.0,	0.0,	1.2);
( 190.0,	80.0,	0.0,	1.2);	( 190.0,	70.0,	0.0,	1.2);
( 190.0,	60.0,	0.0,	1.2);	( 190.0,	50.0,	0.0,	1.2);
( 190.0,	40.0,	0.0,	1.2);	( 190.0,	30.0,	0.0,	1.2);
( 190.0,	25.0,	0.0,	1.2);	( 190.0,	20.0,	0.0,	1.2);
( 190.0,	17.0,	0.0,	1.2);	( 190.0,	15.0,	0.0,	1.2);
( 190.0,	13.0,	0.0,	1.2);	( 190.0,	11.0,	0.0,	1.2);
( 190.0,	9.0,	0.0,	1.2);	( 190.0,	-9.0,	0.0,	1.2);
( 190.0,	-11.0,	0.0,	1.2);	( 190.0,	-13.0,	0.0,	1.2);
( 190.0,	-15.0,	0.0,	1.2);	( 190.0,	-17.0,	0.0,	1.2);
( 190.0,	-20.0,	0.0,	1.2);	( 190.0,	-25.0,	0.0,	1.2);
( 190.0,	-30.0,	0.0,	1.2);	( 190.0,	-40.0,	0.0,	1.2);
( 190.0,	-50.0,	0.0,	1.2);	( 190.0,	-60.0,	0.0,	1.2);
( 190.0,	-70.0,	0.0,	1.2);	( 190.0,	-80.0,	0.0,	1.2);
( 190.0,	-90.0,	0.0,	1.2);	( 190.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 200.0,	100.0,	0.0,	1.2);	( 200.0,	90.0,	0.0,	1.2);
( 200.0,	80.0,	0.0,	1.2);	( 200.0,	70.0,	0.0,	1.2);
( 200.0,	60.0,	0.0,	1.2);	( 200.0,	50.0,	0.0,	1.2);
( 200.0,	40.0,	0.0,	1.2);	( 200.0,	30.0,	0.0,	1.2);
( 200.0,	25.0,	0.0,	1.2);	( 200.0,	20.0,	0.0,	1.2);
( 200.0,	17.0,	0.0,	1.2);	( 200.0,	15.0,	0.0,	1.2);
( 200.0,	13.0,	0.0,	1.2);	( 200.0,	11.0,	0.0,	1.2);
( 200.0,	9.0,	0.0,	1.2);	( 200.0,	-9.0,	0.0,	1.2);
( 200.0,	-11.0,	0.0,	1.2);	( 200.0,	-13.0,	0.0,	1.2);
( 200.0,	-15.0,	0.0,	1.2);	( 200.0,	-17.0,	0.0,	1.2);
( 200.0,	-20.0,	0.0,	1.2);	( 200.0,	-25.0,	0.0,	1.2);
( 200.0,	-30.0,	0.0,	1.2);	( 200.0,	-40.0,	0.0,	1.2);
( 200.0,	-50.0,	0.0,	1.2);	( 200.0,	-60.0,	0.0,	1.2);
( 200.0,	-70.0,	0.0,	1.2);	( 200.0,	-80.0,	0.0,	1.2);
( 200.0,	-90.0,	0.0,	1.2);	( 200.0,	-100.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 210.0,	100.0,	0.0,	1.2);	( 210.0,	90.0,	0.0,	1.2);
( 210.0,	80.0,	0.0,	1.2);	( 210.0,	70.0,	0.0,	1.2);
( 210.0,	60.0,	0.0,	1.2);	( 210.0,	50.0,	0.0,	1.2);
( 210.0,	40.0,	0.0,	1.2);	( 210.0,	30.0,	0.0,	1.2);
( 210.0,	25.0,	0.0,	1.2);	( 210.0,	20.0,	0.0,	1.2);
( 210.0,	17.0,	0.0,	1.2);	( 210.0,	15.0,	0.0,	1.2);
( 210.0,	13.0,	0.0,	1.2);	( 210.0,	11.0,	0.0,	1.2);
( 210.0,	9.0,	0.0,	1.2);	( 210.0,	-9.0,	0.0,	1.2);
( 210.0,	-11.0,	0.0,	1.2);	( 210.0,	-13.0,	0.0,	1.2);
( 210.0,	-15.0,	0.0,	1.2);	( 210.0,	-17.0,	0.0,	1.2);
( 210.0,	-20.0,	0.0,	1.2);	( 210.0,	-25.0,	0.0,	1.2);
( 210.0,	-30.0,	0.0,	1.2);	( 210.0,	-40.0,	0.0,	1.2);
( 210.0,	-50.0,	0.0,	1.2);	( 210.0,	-60.0,	0.0,	1.2);
( 210.0,	-70.0,	0.0,	1.2);	( 210.0,	-80.0,	0.0,	1.2);
( 210.0,	-90.0,	0.0,	1.2);	( 210.0,	-100.0,	0.0,	1.2);
( 220.0,	100.0,	0.0,	1.2);	( 220.0,	90.0,	0.0,	1.2);
( 220.0,	80.0,	0.0,	1.2);	( 220.0,	70.0,	0.0,	1.2);
( 220.0,	60.0,	0.0,	1.2);	( 220.0,	50.0,	0.0,	1.2);
( 220.0,	40.0,	0.0,	1.2);	( 220.0,	30.0,	0.0,	1.2);
( 220.0,	25.0,	0.0,	1.2);	( 220.0,	20.0,	0.0,	1.2);
( 220.0,	17.0,	0.0,	1.2);	( 220.0,	15.0,	0.0,	1.2);
( 220.0,	13.0,	0.0,	1.2);	( 220.0,	11.0,	0.0,	1.2);
( 220.0,	9.0,	0.0,	1.2);	( 220.0,	-9.0,	0.0,	1.2);
( 220.0,	-11.0,	0.0,	1.2);	( 220.0,	-13.0,	0.0,	1.2);
( 220.0,	-15.0,	0.0,	1.2);	( 220.0,	-17.0,	0.0,	1.2);
( 220.0,	-20.0,	0.0,	1.2);	( 220.0,	-25.0,	0.0,	1.2);
( 220.0,	-30.0,	0.0,	1.2);	( 220.0,	-40.0,	0.0,	1.2);
( 220.0,	-50.0,	0.0,	1.2);	( 220.0,	-60.0,	0.0,	1.2);
( 220.0,	-70.0,	0.0,	1.2);	( 220.0,	-80.0,	0.0,	1.2);
( 220.0,	-90.0,	0.0,	1.2);	( 220.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
\*\*MODELOPTs:  
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 230.0,	100.0,	0.0,	1.2);	( 230.0,	90.0,	0.0,	1.2);
( 230.0,	80.0,	0.0,	1.2);	( 230.0,	70.0,	0.0,	1.2);
( 230.0,	60.0,	0.0,	1.2);	( 230.0,	50.0,	0.0,	1.2);
( 230.0,	40.0,	0.0,	1.2);	( 230.0,	30.0,	0.0,	1.2);
( 230.0,	25.0,	0.0,	1.2);	( 230.0,	20.0,	0.0,	1.2);
( 230.0,	17.0,	0.0,	1.2);	( 230.0,	15.0,	0.0,	1.2);
( 230.0,	13.0,	0.0,	1.2);	( 230.0,	11.0,	0.0,	1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

( 230.0,	9.0,	0.0,	1.2);	( 230.0,	-9.0,	0.0,	1.2);
( 230.0,	-11.0,	0.0,	1.2);	( 230.0,	-13.0,	0.0,	1.2);
( 230.0,	-15.0,	0.0,	1.2);	( 230.0,	-17.0,	0.0,	1.2);
( 230.0,	-20.0,	0.0,	1.2);	( 230.0,	-25.0,	0.0,	1.2);
( 230.0,	-30.0,	0.0,	1.2);	( 230.0,	-40.0,	0.0,	1.2);
( 230.0,	-50.0,	0.0,	1.2);	( 230.0,	-60.0,	0.0,	1.2);
( 230.0,	-70.0,	0.0,	1.2);	( 230.0,	-80.0,	0.0,	1.2);
( 230.0,	-90.0,	0.0,	1.2);	( 230.0,	-100.0,	0.0,	1.2);
( 240.0,	100.0,	0.0,	1.2);	( 240.0,	90.0,	0.0,	1.2);
( 240.0,	80.0,	0.0,	1.2);	( 240.0,	70.0,	0.0,	1.2);
( 240.0,	60.0,	0.0,	1.2);	( 240.0,	50.0,	0.0,	1.2);
( 240.0,	40.0,	0.0,	1.2);	( 240.0,	30.0,	0.0,	1.2);
( 240.0,	25.0,	0.0,	1.2);	( 240.0,	20.0,	0.0,	1.2);
( 240.0,	17.0,	0.0,	1.2);	( 240.0,	15.0,	0.0,	1.2);
( 240.0,	13.0,	0.0,	1.2);	( 240.0,	11.0,	0.0,	1.2);
( 240.0,	9.0,	0.0,	1.2);	( 240.0,	-9.0,	0.0,	1.2);
( 240.0,	-11.0,	0.0,	1.2);	( 240.0,	-13.0,	0.0,	1.2);
( 240.0,	-15.0,	0.0,	1.2);	( 240.0,	-17.0,	0.0,	1.2);
( 240.0,	-20.0,	0.0,	1.2);	( 240.0,	-25.0,	0.0,	1.2);
( 240.0,	-30.0,	0.0,	1.2);	( 240.0,	-40.0,	0.0,	1.2);
( 240.0,	-50.0,	0.0,	1.2);	( 240.0,	-60.0,	0.0,	1.2);
( 240.0,	-70.0,	0.0,	1.2);	( 240.0,	-80.0,	0.0,	1.2);
( 240.0,	-90.0,	0.0,	1.2);	( 240.0,	-100.0,	0.0,	1.2);
( 250.0,	100.0,	0.0,	1.2);	( 250.0,	90.0,	0.0,	1.2);
( 250.0,	80.0,	0.0,	1.2);	( 250.0,	70.0,	0.0,	1.2);
( 250.0,	60.0,	0.0,	1.2);	( 250.0,	50.0,	0.0,	1.2);
( 250.0,	40.0,	0.0,	1.2);	( 250.0,	30.0,	0.0,	1.2);
( 250.0,	25.0,	0.0,	1.2);	( 250.0,	20.0,	0.0,	1.2);
( 250.0,	17.0,	0.0,	1.2);	( 250.0,	15.0,	0.0,	1.2);
( 250.0,	13.0,	0.0,	1.2);	( 250.0,	11.0,	0.0,	1.2);
( 250.0,	9.0,	0.0,	1.2);	( 250.0,	-9.0,	0.0,	1.2);
( 250.0,	-11.0,	0.0,	1.2);	( 250.0,	-13.0,	0.0,	1.2);
( 250.0,	-15.0,	0.0,	1.2);	( 250.0,	-17.0,	0.0,	1.2);
( 250.0,	-20.0,	0.0,	1.2);	( 250.0,	-25.0,	0.0,	1.2);
( 250.0,	-30.0,	0.0,	1.2);	( 250.0,	-40.0,	0.0,	1.2);
( 250.0,	-50.0,	0.0,	1.2);	( 250.0,	-60.0,	0.0,	1.2);
( 250.0,	-70.0,	0.0,	1.2);	( 250.0,	-80.0,	0.0,	1.2);
( 250.0,	-90.0,	0.0,	1.2);	( 250.0,	-100.0,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00003	-250.00	70.00	0.00003
-250.00	60.00	0.00003	-250.00	50.00	0.00003
-250.00	40.00	0.00003	-250.00	30.00	0.00003
-250.00	25.00	0.00003	-250.00	20.00	0.00003
-250.00	17.00	0.00003	-250.00	15.00	0.00003
-250.00	13.00	0.00003	-250.00	11.00	0.00003
-250.00	9.00	0.00003	-250.00	-9.00	0.00003
-250.00	-11.00	0.00003	-250.00	-13.00	0.00003
-250.00	-15.00	0.00003	-250.00	-17.00	0.00003
-250.00	-20.00	0.00003	-250.00	-25.00	0.00003
-250.00	-30.00	0.00003	-250.00	-40.00	0.00003
-250.00	-50.00	0.00003	-250.00	-60.00	0.00003
-250.00	-70.00	0.00003	-250.00	-80.00	0.00003
-250.00	-90.00	0.00002	-250.00	-100.00	0.00002
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00004	-240.00	70.00	0.00003



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00003	-220.00	11.00	0.00003
-220.00	9.00	0.00003	-220.00	-9.00	0.00003
-220.00	-11.00	0.00003	-220.00	-13.00	0.00003
-220.00	-15.00	0.00003	-220.00	-17.00	0.00003
-220.00	-20.00	0.00003	-220.00	-25.00	0.00003
-220.00	-30.00	0.00003	-220.00	-40.00	0.00003
-220.00	-50.00	0.00003	-220.00	-60.00	0.00003
-220.00	-70.00	0.00003	-220.00	-80.00	0.00003
-220.00	-90.00	0.00003	-220.00	-100.00	0.00003
-210.00	100.00	0.00004	-210.00	90.00	0.00004
-210.00	80.00	0.00004	-210.00	70.00	0.00004
-210.00	60.00	0.00004	-210.00	50.00	0.00004
-210.00	40.00	0.00004	-210.00	30.00	0.00004
-210.00	25.00	0.00003	-210.00	20.00	0.00003
-210.00	17.00	0.00003	-210.00	15.00	0.00003
-210.00	13.00	0.00003	-210.00	11.00	0.00003
-210.00	9.00	0.00003	-210.00	-9.00	0.00003
-210.00	-11.00	0.00003	-210.00	-13.00	0.00003
-210.00	-15.00	0.00003	-210.00	-17.00	0.00003
-210.00	-20.00	0.00003	-210.00	-25.00	0.00003
-210.00	-30.00	0.00003	-210.00	-40.00	0.00003
-210.00	-50.00	0.00003	-210.00	-60.00	0.00003
-210.00	-70.00	0.00003	-210.00	-80.00	0.00003
-210.00	-90.00	0.00003	-210.00	-100.00	0.00003
-200.00	100.00	0.00005	-200.00	90.00	0.00004
-200.00	80.00	0.00004	-200.00	70.00	0.00004
-200.00	60.00	0.00004	-200.00	50.00	0.00004
-200.00	40.00	0.00004	-200.00	30.00	0.00004
-200.00	25.00	0.00004	-200.00	20.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00004	-200.00	15.00	0.00004
-200.00	13.00	0.00004	-200.00	11.00	0.00004
-200.00	9.00	0.00004	-200.00	-9.00	0.00003
-200.00	-11.00	0.00003	-200.00	-13.00	0.00003
-200.00	-15.00	0.00003	-200.00	-17.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00003	-200.00	-25.00	0.00003
-200.00	-30.00	0.00003	-200.00	-40.00	0.00003
-200.00	-50.00	0.00003	-200.00	-60.00	0.00003
-200.00	-70.00	0.00003	-200.00	-80.00	0.00003
-200.00	-90.00	0.00003	-200.00	-100.00	0.00003
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00005	-190.00	70.00	0.00005
-190.00	60.00	0.00004	-190.00	50.00	0.00004
-190.00	40.00	0.00004	-190.00	30.00	0.00004
-190.00	25.00	0.00004	-190.00	20.00	0.00004
-190.00	17.00	0.00004	-190.00	15.00	0.00004
-190.00	13.00	0.00004	-190.00	11.00	0.00004
-190.00	9.00	0.00004	-190.00	-9.00	0.00004
-190.00	-11.00	0.00004	-190.00	-13.00	0.00004
-190.00	-15.00	0.00004	-190.00	-17.00	0.00004
-190.00	-20.00	0.00004	-190.00	-25.00	0.00003
-190.00	-30.00	0.00003	-190.00	-40.00	0.00003
-190.00	-50.00	0.00003	-190.00	-60.00	0.00003
-190.00	-70.00	0.00003	-190.00	-80.00	0.00003
-190.00	-90.00	0.00003	-190.00	-100.00	0.00003
-180.00	100.00	0.00005	-180.00	90.00	0.00005
-180.00	80.00	0.00005	-180.00	70.00	0.00005
-180.00	60.00	0.00005	-180.00	50.00	0.00004
-180.00	40.00	0.00004	-180.00	30.00	0.00004
-180.00	25.00	0.00004	-180.00	20.00	0.00004
-180.00	17.00	0.00004	-180.00	15.00	0.00004
-180.00	13.00	0.00004	-180.00	11.00	0.00004
-180.00	9.00	0.00004	-180.00	-9.00	0.00004
-180.00	-11.00	0.00004	-180.00	-13.00	0.00004
-180.00	-15.00	0.00004	-180.00	-17.00	0.00004
-180.00	-20.00	0.00004	-180.00	-25.00	0.00004
-180.00	-30.00	0.00004	-180.00	-40.00	0.00004
-180.00	-50.00	0.00004	-180.00	-60.00	0.00004
-180.00	-70.00	0.00003	-180.00	-80.00	0.00003
-180.00	-90.00	0.00003	-180.00	-100.00	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 11:04:59  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00005	-170.00	90.00	0.00005
-170.00	80.00	0.00005	-170.00	70.00	0.00005
-170.00	60.00	0.00005	-170.00	50.00	0.00005
-170.00	40.00	0.00005	-170.00	30.00	0.00004
-170.00	25.00	0.00004	-170.00	20.00	0.00004
-170.00	17.00	0.00004	-170.00	15.00	0.00004
-170.00	13.00	0.00004	-170.00	11.00	0.00004
-170.00	9.00	0.00004	-170.00	-9.00	0.00004
-170.00	-11.00	0.00004	-170.00	-13.00	0.00004
-170.00	-15.00	0.00004	-170.00	-17.00	0.00004
-170.00	-20.00	0.00004	-170.00	-25.00	0.00004
-170.00	-30.00	0.00004	-170.00	-40.00	0.00004
-170.00	-50.00	0.00004	-170.00	-60.00	0.00004
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00003	-170.00	-100.00	0.00003
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00005
-160.00	60.00	0.00005	-160.00	50.00	0.00005
-160.00	40.00	0.00005	-160.00	30.00	0.00005
-160.00	25.00	0.00005	-160.00	20.00	0.00004
-160.00	17.00	0.00004	-160.00	15.00	0.00004
-160.00	13.00	0.00004	-160.00	11.00	0.00004
-160.00	9.00	0.00004	-160.00	-9.00	0.00004
-160.00	-11.00	0.00004	-160.00	-13.00	0.00004
-160.00	-15.00	0.00004	-160.00	-17.00	0.00004
-160.00	-20.00	0.00004	-160.00	-25.00	0.00004
-160.00	-30.00	0.00004	-160.00	-40.00	0.00004
-160.00	-50.00	0.00004	-160.00	-60.00	0.00004
-160.00	-70.00	0.00004	-160.00	-80.00	0.00004
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00006	-150.00	70.00	0.00006
-150.00	60.00	0.00006	-150.00	50.00	0.00005
-150.00	40.00	0.00005	-150.00	30.00	0.00005
-150.00	25.00	0.00005	-150.00	20.00	0.00005
-150.00	17.00	0.00005	-150.00	15.00	0.00005
-150.00	13.00	0.00005	-150.00	11.00	0.00005
-150.00	9.00	0.00005	-150.00	-9.00	0.00004
-150.00	-11.00	0.00004	-150.00	-13.00	0.00004
-150.00	-15.00	0.00004	-150.00	-17.00	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00004	-150.00	-25.00	0.00004
-150.00	-30.00	0.00004	-150.00	-40.00	0.00004
-150.00	-50.00	0.00004	-150.00	-60.00	0.00004
-150.00	-70.00	0.00004	-150.00	-80.00	0.00004
-150.00	-90.00	0.00004	-150.00	-100.00	0.00004
-140.00	100.00	0.00006	-140.00	90.00	0.00006
-140.00	80.00	0.00006	-140.00	70.00	0.00006
-140.00	60.00	0.00006	-140.00	50.00	0.00006
-140.00	40.00	0.00005	-140.00	30.00	0.00005
-140.00	25.00	0.00005	-140.00	20.00	0.00005
-140.00	17.00	0.00005	-140.00	15.00	0.00005
-140.00	13.00	0.00005	-140.00	11.00	0.00005
-140.00	9.00	0.00005	-140.00	-9.00	0.00005
-140.00	-11.00	0.00005	-140.00	-13.00	0.00005
-140.00	-15.00	0.00005	-140.00	-17.00	0.00005
-140.00	-20.00	0.00005	-140.00	-25.00	0.00005
-140.00	-30.00	0.00005	-140.00	-40.00	0.00004
-140.00	-50.00	0.00004	-140.00	-60.00	0.00004
-140.00	-70.00	0.00004	-140.00	-80.00	0.00004
-140.00	-90.00	0.00004	-140.00	-100.00	0.00004
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00006
-130.00	60.00	0.00006	-130.00	50.00	0.00006
-130.00	40.00	0.00006	-130.00	30.00	0.00006
-130.00	25.00	0.00005	-130.00	20.00	0.00005
-130.00	17.00	0.00005	-130.00	15.00	0.00005
-130.00	13.00	0.00005	-130.00	11.00	0.00005
-130.00	9.00	0.00005	-130.00	-9.00	0.00005
-130.00	-11.00	0.00005	-130.00	-13.00	0.00005
-130.00	-15.00	0.00005	-130.00	-17.00	0.00005
-130.00	-20.00	0.00005	-130.00	-25.00	0.00005
-130.00	-30.00	0.00005	-130.00	-40.00	0.00005
-130.00	-50.00	0.00005	-130.00	-60.00	0.00005
-130.00	-70.00	0.00004	-130.00	-80.00	0.00004
-130.00	-90.00	0.00004	-130.00	-100.00	0.00004
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00007	-120.00	70.00	0.00007

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	60.00	0.00007	-120.00	50.00	0.00006
-120.00	40.00	0.00006	-120.00	30.00	0.00006
-120.00	25.00	0.00006	-120.00	20.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 28

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00006	-120.00	15.00	0.00006
-120.00	13.00	0.00006	-120.00	11.00	0.00006
-120.00	9.00	0.00005	-120.00	-9.00	0.00005
-120.00	-11.00	0.00005	-120.00	-13.00	0.00005
-120.00	-15.00	0.00005	-120.00	-17.00	0.00005
-120.00	-20.00	0.00005	-120.00	-25.00	0.00005
-120.00	-30.00	0.00005	-120.00	-40.00	0.00005
-120.00	-50.00	0.00005	-120.00	-60.00	0.00005
-120.00	-70.00	0.00005	-120.00	-80.00	0.00005
-120.00	-90.00	0.00004	-120.00	-100.00	0.00004
-110.00	100.00	0.00007	-110.00	90.00	0.00007
-110.00	80.00	0.00007	-110.00	70.00	0.00007
-110.00	60.00	0.00007	-110.00	50.00	0.00007
-110.00	40.00	0.00007	-110.00	30.00	0.00006
-110.00	25.00	0.00006	-110.00	20.00	0.00006
-110.00	17.00	0.00006	-110.00	15.00	0.00006
-110.00	13.00	0.00006	-110.00	11.00	0.00006
-110.00	9.00	0.00006	-110.00	-9.00	0.00006
-110.00	-11.00	0.00006	-110.00	-13.00	0.00006
-110.00	-15.00	0.00006	-110.00	-17.00	0.00005
-110.00	-20.00	0.00005	-110.00	-25.00	0.00005
-110.00	-30.00	0.00005	-110.00	-40.00	0.00005
-110.00	-50.00	0.00005	-110.00	-60.00	0.00005
-110.00	-70.00	0.00005	-110.00	-80.00	0.00005
-110.00	-90.00	0.00005	-110.00	-100.00	0.00004
-100.00	100.00	0.00008	-100.00	90.00	0.00008
-100.00	80.00	0.00008	-100.00	70.00	0.00008
-100.00	60.00	0.00008	-100.00	50.00	0.00007
-100.00	40.00	0.00007	-100.00	30.00	0.00007
-100.00	25.00	0.00007	-100.00	20.00	0.00007
-100.00	17.00	0.00006	-100.00	15.00	0.00006

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00006	-100.00	11.00	0.00006
-100.00	9.00	0.00006	-100.00	-9.00	0.00006
-100.00	-11.00	0.00006	-100.00	-13.00	0.00006
-100.00	-15.00	0.00006	-100.00	-17.00	0.00006
-100.00	-20.00	0.00006	-100.00	-25.00	0.00006
-100.00	-30.00	0.00006	-100.00	-40.00	0.00006
-100.00	-50.00	0.00006	-100.00	-60.00	0.00005
-100.00	-70.00	0.00005	-100.00	-80.00	0.00005
-100.00	-90.00	0.00005	-100.00	-100.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00008	-90.00	90.00	0.00008
-90.00	80.00	0.00009	-90.00	70.00	0.00009
-90.00	60.00	0.00008	-90.00	50.00	0.00008
-90.00	40.00	0.00008	-90.00	30.00	0.00007
-90.00	25.00	0.00007	-90.00	20.00	0.00007
-90.00	17.00	0.00007	-90.00	15.00	0.00007
-90.00	13.00	0.00007	-90.00	11.00	0.00007
-90.00	9.00	0.00007	-90.00	-9.00	0.00006
-90.00	-11.00	0.00006	-90.00	-13.00	0.00006
-90.00	-15.00	0.00006	-90.00	-17.00	0.00006
-90.00	-20.00	0.00006	-90.00	-25.00	0.00006
-90.00	-30.00	0.00006	-90.00	-40.00	0.00006
-90.00	-50.00	0.00006	-90.00	-60.00	0.00006
-90.00	-70.00	0.00006	-90.00	-80.00	0.00005
-90.00	-90.00	0.00005	-90.00	-100.00	0.00005
-80.00	100.00	0.00009	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00009
-80.00	60.00	0.00009	-80.00	50.00	0.00009
-80.00	40.00	0.00008	-80.00	30.00	0.00008
-80.00	25.00	0.00008	-80.00	20.00	0.00008
-80.00	17.00	0.00007	-80.00	15.00	0.00007
-80.00	13.00	0.00007	-80.00	11.00	0.00007
-80.00	9.00	0.00007	-80.00	-9.00	0.00007
-80.00	-11.00	0.00007	-80.00	-13.00	0.00007
-80.00	-15.00	0.00007	-80.00	-17.00	0.00007

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-20.00	0.00007	-80.00	-25.00	0.00007
-80.00	-30.00	0.00007	-80.00	-40.00	0.00006
-80.00	-50.00	0.00006	-80.00	-60.00	0.00006
-80.00	-70.00	0.00006	-80.00	-80.00	0.00006
-80.00	-90.00	0.00005	-80.00	-100.00	0.00005
-70.00	100.00	0.00009	-70.00	90.00	0.00010
-70.00	80.00	0.00010	-70.00	70.00	0.00010
-70.00	60.00	0.00010	-70.00	50.00	0.00009
-70.00	40.00	0.00009	-70.00	30.00	0.00009
-70.00	25.00	0.00008	-70.00	20.00	0.00008
-70.00	17.00	0.00008	-70.00	15.00	0.00008
-70.00	13.00	0.00008	-70.00	11.00	0.00008
-70.00	9.00	0.00008	-70.00	-9.00	0.00007
-70.00	-11.00	0.00007	-70.00	-13.00	0.00007
-70.00	-15.00	0.00007	-70.00	-17.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00007	-70.00	-25.00	0.00007
-70.00	-30.00	0.00007	-70.00	-40.00	0.00007
-70.00	-50.00	0.00007	-70.00	-60.00	0.00007
-70.00	-70.00	0.00006	-70.00	-80.00	0.00006
-70.00	-90.00	0.00006	-70.00	-100.00	0.00005
-60.00	100.00	0.00010	-60.00	90.00	0.00010
-60.00	80.00	0.00010	-60.00	70.00	0.00011
-60.00	60.00	0.00011	-60.00	50.00	0.00010
-60.00	40.00	0.00010	-60.00	30.00	0.00009
-60.00	25.00	0.00009	-60.00	20.00	0.00009
-60.00	17.00	0.00009	-60.00	15.00	0.00009
-60.00	13.00	0.00009	-60.00	11.00	0.00008
-60.00	9.00	0.00008	-60.00	-9.00	0.00008
-60.00	-11.00	0.00008	-60.00	-13.00	0.00008
-60.00	-15.00	0.00008	-60.00	-17.00	0.00008
-60.00	-20.00	0.00008	-60.00	-25.00	0.00008
-60.00	-30.00	0.00008	-60.00	-40.00	0.00007
-60.00	-50.00	0.00007	-60.00	-60.00	0.00007
-60.00	-70.00	0.00007	-60.00	-80.00	0.00006

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00006	-60.00	-100.00	0.00006
-50.00	100.00	0.00010	-50.00	90.00	0.00011
-50.00	80.00	0.00011	-50.00	70.00	0.00011
-50.00	60.00	0.00012	-50.00	50.00	0.00011
-50.00	40.00	0.00011	-50.00	30.00	0.00010
-50.00	25.00	0.00010	-50.00	20.00	0.00010
-50.00	17.00	0.00009	-50.00	15.00	0.00009
-50.00	13.00	0.00009	-50.00	11.00	0.00009
-50.00	9.00	0.00009	-50.00	-9.00	0.00009
-50.00	-11.00	0.00008	-50.00	-13.00	0.00008
-50.00	-15.00	0.00008	-50.00	-17.00	0.00008
-50.00	-20.00	0.00008	-50.00	-25.00	0.00008
-50.00	-30.00	0.00008	-50.00	-40.00	0.00008
-50.00	-50.00	0.00008	-50.00	-60.00	0.00007
-50.00	-70.00	0.00007	-50.00	-80.00	0.00007
-50.00	-90.00	0.00006	-50.00	-100.00	0.00006
-40.00	100.00	0.00011	-40.00	90.00	0.00012
-40.00	80.00	0.00012	-40.00	70.00	0.00012
-40.00	60.00	0.00013	-40.00	50.00	0.00012
-40.00	40.00	0.00012	-40.00	30.00	0.00011
-40.00	25.00	0.00011	-40.00	20.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00010	-40.00	15.00	0.00010
-40.00	13.00	0.00010	-40.00	11.00	0.00010
-40.00	9.00	0.00010	-40.00	-9.00	0.00009
-40.00	-11.00	0.00009	-40.00	-13.00	0.00009
-40.00	-15.00	0.00009	-40.00	-17.00	0.00009
-40.00	-20.00	0.00009	-40.00	-25.00	0.00009
-40.00	-30.00	0.00009	-40.00	-40.00	0.00009
-40.00	-50.00	0.00008	-40.00	-60.00	0.00008
-40.00	-70.00	0.00008	-40.00	-80.00	0.00007
-40.00	-90.00	0.00007	-40.00	-100.00	0.00006
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00013	-30.00	70.00	0.00013
-30.00	60.00	0.00014	-30.00	50.00	0.00014

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00013	-30.00	30.00	0.00012
-30.00	25.00	0.00012	-30.00	20.00	0.00012
-30.00	17.00	0.00011	-30.00	15.00	0.00011
-30.00	13.00	0.00011	-30.00	11.00	0.00011
-30.00	9.00	0.00011	-30.00	-9.00	0.00010
-30.00	-11.00	0.00010	-30.00	-13.00	0.00010
-30.00	-15.00	0.00010	-30.00	-17.00	0.00010
-30.00	-20.00	0.00010	-30.00	-25.00	0.00010
-30.00	-30.00	0.00010	-30.00	-40.00	0.00009
-30.00	-50.00	0.00009	-30.00	-60.00	0.00009
-30.00	-70.00	0.00008	-30.00	-80.00	0.00008
-30.00	-90.00	0.00007	-30.00	-100.00	0.00007
-20.00	100.00	0.00013	-20.00	90.00	0.00013
-20.00	80.00	0.00014	-20.00	70.00	0.00015
-20.00	60.00	0.00015	-20.00	50.00	0.00015
-20.00	40.00	0.00014	-20.00	30.00	0.00014
-20.00	25.00	0.00013	-20.00	20.00	0.00013
-20.00	17.00	0.00013	-20.00	15.00	0.00012
-20.00	13.00	0.00012	-20.00	11.00	0.00012
-20.00	9.00	0.00012	-20.00	-9.00	0.00011
-20.00	-11.00	0.00011	-20.00	-13.00	0.00011
-20.00	-15.00	0.00011	-20.00	-17.00	0.00011
-20.00	-20.00	0.00011	-20.00	-25.00	0.00011
-20.00	-30.00	0.00010	-20.00	-40.00	0.00010
-20.00	-50.00	0.00010	-20.00	-60.00	0.00009
-20.00	-70.00	0.00009	-20.00	-80.00	0.00008
-20.00	-90.00	0.00008	-20.00	-100.00	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00016
-10.00	60.00	0.00016	-10.00	50.00	0.00016
-10.00	40.00	0.00016	-10.00	30.00	0.00015
-10.00	25.00	0.00015	-10.00	20.00	0.00014
-10.00	17.00	0.00014	-10.00	15.00	0.00014
-10.00	13.00	0.00013	-10.00	11.00	0.00013

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00013	-10.00	-9.00	0.00012
-10.00	-11.00	0.00012	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00012	-10.00	-25.00	0.00012
-10.00	-30.00	0.00011	-10.00	-40.00	0.00011
-10.00	-50.00	0.00011	-10.00	-60.00	0.00010
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00008	-10.00	-100.00	0.00008
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00018
0.00	40.00	0.00018	0.00	30.00	0.00017
0.00	25.00	0.00016	0.00	20.00	0.00016
0.00	17.00	0.00015	0.00	15.00	0.00015
0.00	13.00	0.00015	0.00	11.00	0.00015
0.00	9.00	0.00015	0.00	-9.00	0.00013
0.00	-11.00	0.00013	0.00	-13.00	0.00013
0.00	-15.00	0.00013	0.00	-17.00	0.00013
0.00	-20.00	0.00013	0.00	-25.00	0.00013
0.00	-30.00	0.00013	0.00	-40.00	0.00012
0.00	-50.00	0.00011	0.00	-60.00	0.00011
0.00	-70.00	0.00010	0.00	-80.00	0.00009
0.00	-90.00	0.00009	0.00	-100.00	0.00008
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00018	10.00	70.00	0.00019
10.00	60.00	0.00020	10.00	50.00	0.00020
10.00	40.00	0.00020	10.00	30.00	0.00019
10.00	25.00	0.00019	10.00	20.00	0.00018
10.00	17.00	0.00017	10.00	15.00	0.00017
10.00	13.00	0.00017	10.00	11.00	0.00017
10.00	9.00	0.00016	10.00	-9.00	0.00015
10.00	-11.00	0.00015	10.00	-13.00	0.00015
10.00	-15.00	0.00015	10.00	-17.00	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00014	10.00	-25.00	0.00014



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00014	10.00	-40.00	0.00013
10.00	-50.00	0.00013	10.00	-60.00	0.00012
10.00	-70.00	0.00011	10.00	-80.00	0.00010
10.00	-90.00	0.00009	10.00	-100.00	0.00009
20.00	100.00	0.00018	20.00	90.00	0.00019
20.00	80.00	0.00020	20.00	70.00	0.00021
20.00	60.00	0.00022	20.00	50.00	0.00022
20.00	40.00	0.00023	20.00	30.00	0.00022
20.00	25.00	0.00021	20.00	20.00	0.00020
20.00	17.00	0.00020	20.00	15.00	0.00019
20.00	13.00	0.00019	20.00	11.00	0.00019
20.00	9.00	0.00018	20.00	-9.00	0.00017
20.00	-11.00	0.00016	20.00	-13.00	0.00016
20.00	-15.00	0.00016	20.00	-17.00	0.00016
20.00	-20.00	0.00016	20.00	-25.00	0.00016
20.00	-30.00	0.00015	20.00	-40.00	0.00015
20.00	-50.00	0.00014	20.00	-60.00	0.00013
20.00	-70.00	0.00012	20.00	-80.00	0.00011
20.00	-90.00	0.00010	20.00	-100.00	0.00010
30.00	100.00	0.00020	30.00	90.00	0.00021
30.00	80.00	0.00022	30.00	70.00	0.00023
30.00	60.00	0.00024	30.00	50.00	0.00025
30.00	40.00	0.00026	30.00	30.00	0.00025
30.00	25.00	0.00024	30.00	20.00	0.00023
30.00	17.00	0.00022	30.00	15.00	0.00022
30.00	13.00	0.00022	30.00	11.00	0.00021
30.00	9.00	0.00021	30.00	-9.00	0.00019
30.00	-11.00	0.00019	30.00	-13.00	0.00018
30.00	-15.00	0.00018	30.00	-17.00	0.00018
30.00	-20.00	0.00018	30.00	-25.00	0.00018
30.00	-30.00	0.00017	30.00	-40.00	0.00016
30.00	-50.00	0.00015	30.00	-60.00	0.00014
30.00	-70.00	0.00013	30.00	-80.00	0.00012
30.00	-90.00	0.00011	30.00	-100.00	0.00011
40.00	100.00	0.00022	40.00	90.00	0.00023
40.00	80.00	0.00024	40.00	70.00	0.00025
40.00	60.00	0.00027	40.00	50.00	0.00028
40.00	40.00	0.00029	40.00	30.00	0.00029
40.00	25.00	0.00028	40.00	20.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00026	40.00	15.00	0.00025
40.00	13.00	0.00025	40.00	11.00	0.00024
40.00	9.00	0.00024	40.00	-9.00	0.00021
40.00	-11.00	0.00021	40.00	-13.00	0.00021
40.00	-15.00	0.00021	40.00	-17.00	0.00020
40.00	-20.00	0.00020	40.00	-25.00	0.00020
40.00	-30.00	0.00019	40.00	-40.00	0.00018
40.00	-50.00	0.00016	40.00	-60.00	0.00015
40.00	-70.00	0.00014	40.00	-80.00	0.00013
40.00	-90.00	0.00012	40.00	-100.00	0.00011
50.00	100.00	0.00024	50.00	90.00	0.00026
50.00	80.00	0.00027	50.00	70.00	0.00029
50.00	60.00	0.00030	50.00	50.00	0.00031
50.00	40.00	0.00033	50.00	30.00	0.00033
50.00	25.00	0.00032	50.00	20.00	0.00031
50.00	17.00	0.00030	50.00	15.00	0.00030
50.00	13.00	0.00029	50.00	11.00	0.00028
50.00	9.00	0.00028	50.00	-9.00	0.00024
50.00	-11.00	0.00024	50.00	-13.00	0.00024
50.00	-15.00	0.00023	50.00	-17.00	0.00023
50.00	-20.00	0.00023	50.00	-25.00	0.00022
50.00	-30.00	0.00022	50.00	-40.00	0.00020
50.00	-50.00	0.00018	50.00	-60.00	0.00016
50.00	-70.00	0.00015	50.00	-80.00	0.00014
50.00	-90.00	0.00013	50.00	-100.00	0.00013
60.00	100.00	0.00026	60.00	90.00	0.00029
60.00	80.00	0.00031	60.00	70.00	0.00032
60.00	60.00	0.00034	60.00	50.00	0.00036
60.00	40.00	0.00038	60.00	30.00	0.00039
60.00	25.00	0.00038	60.00	20.00	0.00037
60.00	17.00	0.00036	60.00	15.00	0.00035
60.00	13.00	0.00034	60.00	11.00	0.00033
60.00	9.00	0.00032	60.00	-9.00	0.00028
60.00	-11.00	0.00027	60.00	-13.00	0.00027
60.00	-15.00	0.00027	60.00	-17.00	0.00027
60.00	-20.00	0.00026	60.00	-25.00	0.00025
60.00	-30.00	0.00024	60.00	-40.00	0.00022
60.00	-50.00	0.00020	60.00	-60.00	0.00018
60.00	-70.00	0.00017	60.00	-80.00	0.00016

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00015 60.00 -100.00 0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00031
70.00	80.00	0.00034	70.00	70.00	0.00037
70.00	60.00	0.00039	70.00	50.00	0.00041
70.00	40.00	0.00043	70.00	30.00	0.00045
70.00	25.00	0.00045	70.00	20.00	0.00044
70.00	17.00	0.00043	70.00	15.00	0.00042
70.00	13.00	0.00041	70.00	11.00	0.00039
70.00	9.00	0.00038	70.00	-9.00	0.00032
70.00	-11.00	0.00032	70.00	-13.00	0.00031
70.00	-15.00	0.00031	70.00	-17.00	0.00031
70.00	-20.00	0.00030	70.00	-25.00	0.00029
70.00	-30.00	0.00027	70.00	-40.00	0.00025
70.00	-50.00	0.00022	70.00	-60.00	0.00020
70.00	-70.00	0.00019	70.00	-80.00	0.00017
70.00	-90.00	0.00016	70.00	-100.00	0.00016
80.00	100.00	0.00030	80.00	90.00	0.00034
80.00	80.00	0.00037	80.00	70.00	0.00041
80.00	60.00	0.00045	80.00	50.00	0.00048
80.00	40.00	0.00051	80.00	30.00	0.00053
80.00	25.00	0.00053	80.00	20.00	0.00053
80.00	17.00	0.00052	80.00	15.00	0.00050
80.00	13.00	0.00049	80.00	11.00	0.00048
80.00	9.00	0.00046	80.00	-9.00	0.00038
80.00	-11.00	0.00037	80.00	-13.00	0.00037
80.00	-15.00	0.00036	80.00	-17.00	0.00035
80.00	-20.00	0.00035	80.00	-25.00	0.00033
80.00	-30.00	0.00031	80.00	-40.00	0.00028
80.00	-50.00	0.00025	80.00	-60.00	0.00023
80.00	-70.00	0.00021	80.00	-80.00	0.00020
80.00	-90.00	0.00019	80.00	-100.00	0.00018
90.00	100.00	0.00031	90.00	90.00	0.00036
90.00	80.00	0.00040	90.00	70.00	0.00046
90.00	60.00	0.00051	90.00	50.00	0.00056

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00060	90.00	30.00	0.00063
90.00	25.00	0.00064	90.00	20.00	0.00064
90.00	17.00	0.00063	90.00	15.00	0.00062
90.00	13.00	0.00061	90.00	11.00	0.00059
90.00	9.00	0.00057	90.00	-9.00	0.00044
90.00	-11.00	0.00044	90.00	-13.00	0.00043
90.00	-15.00	0.00042	90.00	-17.00	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00040	90.00	-25.00	0.00037
90.00	-30.00	0.00035	90.00	-40.00	0.00032
90.00	-50.00	0.00028	90.00	-60.00	0.00026
90.00	-70.00	0.00024	90.00	-80.00	0.00023
90.00	-90.00	0.00022	90.00	-100.00	0.00020
100.00	100.00	0.00032	100.00	90.00	0.00037
100.00	80.00	0.00043	100.00	70.00	0.00050
100.00	60.00	0.00057	100.00	50.00	0.00065
100.00	40.00	0.00072	100.00	30.00	0.00077
100.00	25.00	0.00078	100.00	20.00	0.00078
100.00	17.00	0.00078	100.00	15.00	0.00077
100.00	13.00	0.00076	100.00	11.00	0.00074
100.00	9.00	0.00071	100.00	-9.00	0.00053
100.00	-11.00	0.00051	100.00	-13.00	0.00050
100.00	-15.00	0.00049	100.00	-17.00	0.00048
100.00	-20.00	0.00046	100.00	-25.00	0.00043
100.00	-30.00	0.00040	100.00	-40.00	0.00036
100.00	-50.00	0.00033	100.00	-60.00	0.00031
100.00	-70.00	0.00029	100.00	-80.00	0.00027
100.00	-90.00	0.00025	100.00	-100.00	0.00023
110.00	100.00	0.00032	110.00	90.00	0.00038
110.00	80.00	0.00045	110.00	70.00	0.00053
110.00	60.00	0.00062	110.00	50.00	0.00073
110.00	40.00	0.00084	110.00	30.00	0.00094
110.00	25.00	0.00097	110.00	20.00	0.00098
110.00	17.00	0.00098	110.00	15.00	0.00097
110.00	13.00	0.00096	110.00	11.00	0.00094

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00091	110.00	-9.00	0.00062
110.00	-11.00	0.00061	110.00	-13.00	0.00059
110.00	-15.00	0.00057	110.00	-17.00	0.00055
110.00	-20.00	0.00053	110.00	-25.00	0.00050
110.00	-30.00	0.00047	110.00	-40.00	0.00042
110.00	-50.00	0.00039	110.00	-60.00	0.00037
110.00	-70.00	0.00034	110.00	-80.00	0.00032
110.00	-90.00	0.00029	110.00	-100.00	0.00027
120.00	100.00	0.00031	120.00	90.00	0.00038
120.00	80.00	0.00045	120.00	70.00	0.00054
120.00	60.00	0.00066	120.00	50.00	0.00079
120.00	40.00	0.00095	120.00	30.00	0.00112
120.00	25.00	0.00121	120.00	20.00	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00127	120.00	15.00	0.00127
120.00	13.00	0.00126	120.00	11.00	0.00124
120.00	9.00	0.00120	120.00	-9.00	0.00074
120.00	-11.00	0.00071	120.00	-13.00	0.00069
120.00	-15.00	0.00067	120.00	-17.00	0.00065
120.00	-20.00	0.00062	120.00	-25.00	0.00059
120.00	-30.00	0.00057	120.00	-40.00	0.00052
120.00	-50.00	0.00048	120.00	-60.00	0.00045
120.00	-70.00	0.00041	120.00	-80.00	0.00038
120.00	-90.00	0.00034	120.00	-100.00	0.00032
130.00	100.00	0.00030	130.00	90.00	0.00036
130.00	80.00	0.00044	130.00	70.00	0.00054
130.00	60.00	0.00067	130.00	50.00	0.00082
130.00	40.00	0.00101	130.00	30.00	0.00125
130.00	25.00	0.00139	130.00	20.00	0.00152
130.00	17.00	0.00159	130.00	15.00	0.00163
130.00	13.00	0.00166	130.00	11.00	0.00168
130.00	9.00	0.00168	130.00	-9.00	0.00091
130.00	-11.00	0.00088	130.00	-13.00	0.00085
130.00	-15.00	0.00083	130.00	-17.00	0.00081
130.00	-20.00	0.00079	130.00	-25.00	0.00076

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00073	130.00	-40.00	0.00067
130.00	-50.00	0.00061	130.00	-60.00	0.00056
130.00	-70.00	0.00050	130.00	-80.00	0.00046
130.00	-90.00	0.00041	130.00	-100.00	0.00038
140.00	100.00	0.00028	140.00	90.00	0.00034
140.00	80.00	0.00042	140.00	70.00	0.00053
140.00	60.00	0.00066	140.00	50.00	0.00082
140.00	40.00	0.00103	140.00	30.00	0.00129
140.00	25.00	0.00145	140.00	20.00	0.00162
140.00	17.00	0.00172	140.00	15.00	0.00178
140.00	13.00	0.00184	140.00	11.00	0.00191
140.00	9.00	0.00198	140.00	-9.00	0.00189
140.00	-11.00	0.00166	140.00	-13.00	0.00151
140.00	-15.00	0.00141	140.00	-17.00	0.00133
140.00	-20.00	0.00125	140.00	-25.00	0.00114
140.00	-30.00	0.00106	140.00	-40.00	0.00093
140.00	-50.00	0.00082	140.00	-60.00	0.00072
140.00	-70.00	0.00064	140.00	-80.00	0.00057
140.00	-90.00	0.00050	140.00	-100.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00026	150.00	90.00	0.00032
150.00	80.00	0.00039	150.00	70.00	0.00049
150.00	60.00	0.00063	150.00	50.00	0.00080
150.00	40.00	0.00101	150.00	30.00	0.00129
150.00	25.00	0.00146	150.00	20.00	0.00166
150.00	17.00	0.00177	150.00	15.00	0.00185
150.00	13.00	0.00194	150.00	11.00	0.00203
150.00	9.00	0.00214	150.00	-9.00	0.00408
150.00	-11.00	0.00359	150.00	-13.00	0.00319
150.00	-15.00	0.00286	150.00	-17.00	0.00259
150.00	-20.00	0.00228	150.00	-25.00	0.00192
150.00	-30.00	0.00168	150.00	-40.00	0.00136
150.00	-50.00	0.00114	150.00	-60.00	0.00096
150.00	-70.00	0.00082	150.00	-80.00	0.00071
150.00	-90.00	0.00062	150.00	-100.00	0.00055

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00023	160.00	90.00	0.00029
160.00	80.00	0.00036	160.00	70.00	0.00045
160.00	60.00	0.00058	160.00	50.00	0.00076
160.00	40.00	0.00098	160.00	30.00	0.00128
160.00	25.00	0.00146	160.00	20.00	0.00167
160.00	17.00	0.00182	160.00	15.00	0.00192
160.00	13.00	0.00202	160.00	11.00	0.00215
160.00	9.00	0.00232	160.00	-9.00	0.00558
160.00	-11.00	0.00515	160.00	-13.00	0.00476
160.00	-15.00	0.00439	160.00	-17.00	0.00405
160.00	-20.00	0.00360	160.00	-25.00	0.00299
160.00	-30.00	0.00253	160.00	-40.00	0.00192
160.00	-50.00	0.00153	160.00	-60.00	0.00125
160.00	-70.00	0.00105	160.00	-80.00	0.00089
160.00	-90.00	0.00076	160.00	-100.00	0.00066
170.00	100.00	0.00021	170.00	90.00	0.00026
170.00	80.00	0.00032	170.00	70.00	0.00040
170.00	60.00	0.00053	170.00	50.00	0.00070
170.00	40.00	0.00093	170.00	30.00	0.00124
170.00	25.00	0.00143	170.00	20.00	0.00166
170.00	17.00	0.00182	170.00	15.00	0.00194
170.00	13.00	0.00208	170.00	11.00	0.00224
170.00	9.00	0.00246	170.00	-9.00	0.00649
170.00	-11.00	0.00612	170.00	-13.00	0.00577
170.00	-15.00	0.00545	170.00	-17.00	0.00513

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00468	170.00	-25.00	0.00401
170.00	-30.00	0.00343	170.00	-40.00	0.00257
170.00	-50.00	0.00199	170.00	-60.00	0.00159
170.00	-70.00	0.00129	170.00	-80.00	0.00108
170.00	-90.00	0.00091	170.00	-100.00	0.00077
180.00	100.00	0.00018	180.00	90.00	0.00023
180.00	80.00	0.00028	180.00	70.00	0.00035
180.00	60.00	0.00046	180.00	50.00	0.00062
180.00	40.00	0.00085	180.00	30.00	0.00117

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00138	180.00	20.00	0.00162
180.00	17.00	0.00179	180.00	15.00	0.00193
180.00	13.00	0.00209	180.00	11.00	0.00229
180.00	9.00	0.00253	180.00	-9.00	0.00706
180.00	-11.00	0.00673	180.00	-13.00	0.00642
180.00	-15.00	0.00612	180.00	-17.00	0.00584
180.00	-20.00	0.00543	180.00	-25.00	0.00478
180.00	-30.00	0.00419	180.00	-40.00	0.00319
180.00	-50.00	0.00246	180.00	-60.00	0.00194
180.00	-70.00	0.00156	180.00	-80.00	0.00128
180.00	-90.00	0.00106	180.00	-100.00	0.00090
190.00	100.00	0.00016	190.00	90.00	0.00020
190.00	80.00	0.00024	190.00	70.00	0.00031
190.00	60.00	0.00040	190.00	50.00	0.00053
190.00	40.00	0.00074	190.00	30.00	0.00106
190.00	25.00	0.00127	190.00	20.00	0.00153
190.00	17.00	0.00172	190.00	15.00	0.00187
190.00	13.00	0.00205	190.00	11.00	0.00226
190.00	9.00	0.00254	190.00	-9.00	0.00743
190.00	-11.00	0.00711	190.00	-13.00	0.00684
190.00	-15.00	0.00657	190.00	-17.00	0.00630
190.00	-20.00	0.00592	190.00	-25.00	0.00532
190.00	-30.00	0.00474	190.00	-40.00	0.00372
190.00	-50.00	0.00290	190.00	-60.00	0.00229
190.00	-70.00	0.00183	190.00	-80.00	0.00148
190.00	-90.00	0.00122	190.00	-100.00	0.00102
200.00	100.00	0.00014	200.00	90.00	0.00017
200.00	80.00	0.00021	200.00	70.00	0.00026
200.00	60.00	0.00034	200.00	50.00	0.00044
200.00	40.00	0.00061	200.00	30.00	0.00089
200.00	25.00	0.00110	200.00	20.00	0.00138

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00158	200.00	15.00	0.00174
200.00	13.00	0.00193	200.00	11.00	0.00216
200.00	9.00	0.00245	200.00	-9.00	0.00765



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00735	200.00	-13.00	0.00710
200.00	-15.00	0.00686	200.00	-17.00	0.00661
200.00	-20.00	0.00625	200.00	-25.00	0.00567
200.00	-30.00	0.00513	200.00	-40.00	0.00412
200.00	-50.00	0.00327	200.00	-60.00	0.00259
200.00	-70.00	0.00207	200.00	-80.00	0.00168
200.00	-90.00	0.00138	200.00	-100.00	0.00115
210.00	100.00	0.00013	210.00	90.00	0.00015
210.00	80.00	0.00018	210.00	70.00	0.00022
210.00	60.00	0.00028	210.00	50.00	0.00037
210.00	40.00	0.00050	210.00	30.00	0.00071
210.00	25.00	0.00088	210.00	20.00	0.00113
210.00	17.00	0.00133	210.00	15.00	0.00150
210.00	13.00	0.00170	210.00	11.00	0.00194
210.00	9.00	0.00224	210.00	-9.00	0.00777
210.00	-11.00	0.00748	210.00	-13.00	0.00724
210.00	-15.00	0.00702	210.00	-17.00	0.00679
210.00	-20.00	0.00645	210.00	-25.00	0.00589
210.00	-30.00	0.00535	210.00	-40.00	0.00438
210.00	-50.00	0.00353	210.00	-60.00	0.00284
210.00	-70.00	0.00229	210.00	-80.00	0.00186
210.00	-90.00	0.00153	210.00	-100.00	0.00127
220.00	100.00	0.00012	220.00	90.00	0.00014
220.00	80.00	0.00016	220.00	70.00	0.00020
220.00	60.00	0.00025	220.00	50.00	0.00031
220.00	40.00	0.00041	220.00	30.00	0.00057
220.00	25.00	0.00070	220.00	20.00	0.00089
220.00	17.00	0.00104	220.00	15.00	0.00117
220.00	13.00	0.00134	220.00	11.00	0.00155
220.00	9.00	0.00183	220.00	-9.00	0.00777
220.00	-11.00	0.00751	220.00	-13.00	0.00725
220.00	-15.00	0.00704	220.00	-17.00	0.00683
220.00	-20.00	0.00650	220.00	-25.00	0.00595
220.00	-30.00	0.00544	220.00	-40.00	0.00450
220.00	-50.00	0.00369	220.00	-60.00	0.00300
220.00	-70.00	0.00244	220.00	-80.00	0.00200
220.00	-90.00	0.00165	220.00	-100.00	0.00138

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00011	230.00	90.00	0.00013	
230.00	80.00	0.00015	230.00	70.00	0.00018	
230.00	60.00	0.00022	230.00	50.00	0.00028	
230.00	40.00	0.00037	230.00	30.00	0.00051	
230.00	25.00	0.00062	230.00	20.00	0.00079	
230.00	17.00	0.00092	230.00	15.00	0.00104	
230.00	13.00	0.00118	230.00	11.00	0.00135	
230.00	9.00	0.00158	230.00	-9.00	0.00685	
230.00	-11.00	0.00686	230.00	-13.00	0.00675	
230.00	-15.00	0.00660	230.00	-17.00	0.00646	
230.00	-20.00	0.00620	230.00	-25.00	0.00575	
230.00	-30.00	0.00529	230.00	-40.00	0.00445	
230.00	-50.00	0.00370	230.00	-60.00	0.00306	
230.00	-70.00	0.00253	230.00	-80.00	0.00209	
230.00	-90.00	0.00174	230.00	-100.00	0.00145	
240.00	100.00	0.00010	240.00	90.00	0.00012	
240.00	80.00	0.00014	240.00	70.00	0.00017	
240.00	60.00	0.00021	240.00	50.00	0.00026	
240.00	40.00	0.00034	240.00	30.00	0.00047	
240.00	25.00	0.00058	240.00	20.00	0.00073	
240.00	17.00	0.00085	240.00	15.00	0.00095	
240.00	13.00	0.00108	240.00	11.00	0.00123	
240.00	9.00	0.00142	240.00	-9.00	0.00469	
240.00	-11.00	0.00495	240.00	-13.00	0.00514	
240.00	-15.00	0.00526	240.00	-17.00	0.00531	
240.00	-20.00	0.00529	240.00	-25.00	0.00511	
240.00	-30.00	0.00481	240.00	-40.00	0.00418	
240.00	-50.00	0.00356	240.00	-60.00	0.00301	
240.00	-70.00	0.00253	240.00	-80.00	0.00212	
240.00	-90.00	0.00178	240.00	-100.00	0.00150	
250.00	100.00	0.00010	250.00	90.00	0.00011	
250.00	80.00	0.00013	250.00	70.00	0.00016	
250.00	60.00	0.00020	250.00	50.00	0.00024	
250.00	40.00	0.00032	250.00	30.00	0.00044	
250.00	25.00	0.00053	250.00	20.00	0.00066	
250.00	17.00	0.00077	250.00	15.00	0.00086	
250.00	13.00	0.00097	250.00	11.00	0.00109	
250.00	9.00	0.00123	250.00	-9.00	0.00323	
250.00	-11.00	0.00344	250.00	-13.00	0.00362	
250.00	-15.00	0.00377	250.00	-17.00	0.00390	

04/20/08

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00403	250.00	-25.00	0.00412
250.00	-30.00	0.00407	250.00	-40.00	0.00374
250.00	-50.00	0.00330	250.00	-60.00	0.00286
250.00	-70.00	0.00245	250.00	-80.00	0.00209
250.00	-90.00	0.00178	250.00	-100.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00005
-250.00	25.00	0.00005	-250.00	20.00	0.00004
-250.00	17.00	0.00004	-250.00	15.00	0.00004
-250.00	13.00	0.00004	-250.00	11.00	0.00004
-250.00	9.00	0.00004	-250.00	-9.00	0.00004
-250.00	-11.00	0.00004	-250.00	-13.00	0.00004
-250.00	-15.00	0.00004	-250.00	-17.00	0.00004
-250.00	-20.00	0.00004	-250.00	-25.00	0.00004
-250.00	-30.00	0.00004	-250.00	-40.00	0.00004
-250.00	-50.00	0.00004	-250.00	-60.00	0.00004
-250.00	-70.00	0.00004	-250.00	-80.00	0.00004
-250.00	-90.00	0.00004	-250.00	-100.00	0.00004
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00006
-240.00	60.00	0.00006	-240.00	50.00	0.00005
-240.00	40.00	0.00005	-240.00	30.00	0.00005
-240.00	25.00	0.00005	-240.00	20.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00005	-240.00	15.00	0.00005
-240.00	13.00	0.00005	-240.00	11.00	0.00005
-240.00	9.00	0.00005	-240.00	-9.00	0.00004
-240.00	-11.00	0.00004	-240.00	-13.00	0.00004
-240.00	-15.00	0.00004	-240.00	-17.00	0.00004
-240.00	-20.00	0.00004	-240.00	-25.00	0.00004
-240.00	-30.00	0.00004	-240.00	-40.00	0.00004
-240.00	-50.00	0.00004	-240.00	-60.00	0.00004
-240.00	-70.00	0.00004	-240.00	-80.00	0.00004
-240.00	-90.00	0.00004	-240.00	-100.00	0.00004
-230.00	100.00	0.00006	-230.00	90.00	0.00006
-230.00	80.00	0.00006	-230.00	70.00	0.00006
-230.00	60.00	0.00006	-230.00	50.00	0.00006
-230.00	40.00	0.00005	-230.00	30.00	0.00005
-230.00	25.00	0.00005	-230.00	20.00	0.00005
-230.00	17.00	0.00005	-230.00	15.00	0.00005
-230.00	13.00	0.00005	-230.00	11.00	0.00005
-230.00	9.00	0.00005	-230.00	-9.00	0.00005
-230.00	-11.00	0.00005	-230.00	-13.00	0.00005
-230.00	-15.00	0.00005	-230.00	-17.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00005	-230.00	-25.00	0.00005
-230.00	-30.00	0.00005	-230.00	-40.00	0.00004
-230.00	-50.00	0.00004	-230.00	-60.00	0.00004
-230.00	-70.00	0.00004	-230.00	-80.00	0.00004
-230.00	-90.00	0.00004	-230.00	-100.00	0.00004
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00006
-220.00	60.00	0.00006	-220.00	50.00	0.00006
-220.00	40.00	0.00006	-220.00	30.00	0.00006
-220.00	25.00	0.00005	-220.00	20.00	0.00005
-220.00	17.00	0.00005	-220.00	15.00	0.00005
-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00005
-220.00	-11.00	0.00005	-220.00	-13.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00005	-220.00	-17.00	0.00005
-220.00	-20.00	0.00005	-220.00	-25.00	0.00005
-220.00	-30.00	0.00005	-220.00	-40.00	0.00005
-220.00	-50.00	0.00005	-220.00	-60.00	0.00005
-220.00	-70.00	0.00004	-220.00	-80.00	0.00004
-220.00	-90.00	0.00004	-220.00	-100.00	0.00004
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00007
-210.00	60.00	0.00007	-210.00	50.00	0.00006
-210.00	40.00	0.00006	-210.00	30.00	0.00006
-210.00	25.00	0.00006	-210.00	20.00	0.00006
-210.00	17.00	0.00006	-210.00	15.00	0.00006
-210.00	13.00	0.00006	-210.00	11.00	0.00006
-210.00	9.00	0.00005	-210.00	-9.00	0.00005
-210.00	-11.00	0.00005	-210.00	-13.00	0.00005
-210.00	-15.00	0.00005	-210.00	-17.00	0.00005
-210.00	-20.00	0.00005	-210.00	-25.00	0.00005
-210.00	-30.00	0.00005	-210.00	-40.00	0.00005
-210.00	-50.00	0.00005	-210.00	-60.00	0.00005
-210.00	-70.00	0.00005	-210.00	-80.00	0.00005
-210.00	-90.00	0.00004	-210.00	-100.00	0.00004
-200.00	100.00	0.00007	-200.00	90.00	0.00007
-200.00	80.00	0.00007	-200.00	70.00	0.00007
-200.00	60.00	0.00007	-200.00	50.00	0.00007
-200.00	40.00	0.00007	-200.00	30.00	0.00006
-200.00	25.00	0.00006	-200.00	20.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00006	-200.00	15.00	0.00006
-200.00	13.00	0.00006	-200.00	11.00	0.00006
-200.00	9.00	0.00006	-200.00	-9.00	0.00006
-200.00	-11.00	0.00006	-200.00	-13.00	0.00006
-200.00	-15.00	0.00006	-200.00	-17.00	0.00005
-200.00	-20.00	0.00005	-200.00	-25.00	0.00005
-200.00	-30.00	0.00005	-200.00	-40.00	0.00005
-200.00	-50.00	0.00005	-200.00	-60.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00005	-200.00	-80.00	0.00005
-200.00	-90.00	0.00005	-200.00	-100.00	0.00004
-190.00	100.00	0.00008	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00008
-190.00	60.00	0.00008	-190.00	50.00	0.00007
-190.00	40.00	0.00007	-190.00	30.00	0.00007
-190.00	25.00	0.00007	-190.00	20.00	0.00007
-190.00	17.00	0.00006	-190.00	15.00	0.00006
-190.00	13.00	0.00006	-190.00	11.00	0.00006
-190.00	9.00	0.00006	-190.00	-9.00	0.00006
-190.00	-11.00	0.00006	-190.00	-13.00	0.00006
-190.00	-15.00	0.00006	-190.00	-17.00	0.00006
-190.00	-20.00	0.00006	-190.00	-25.00	0.00006
-190.00	-30.00	0.00006	-190.00	-40.00	0.00006
-190.00	-50.00	0.00006	-190.00	-60.00	0.00005
-190.00	-70.00	0.00005	-190.00	-80.00	0.00005
-190.00	-90.00	0.00005	-190.00	-100.00	0.00005
-180.00	100.00	0.00008	-180.00	90.00	0.00008
-180.00	80.00	0.00009	-180.00	70.00	0.00009
-180.00	60.00	0.00008	-180.00	50.00	0.00008
-180.00	40.00	0.00008	-180.00	30.00	0.00007
-180.00	25.00	0.00007	-180.00	20.00	0.00007
-180.00	17.00	0.00007	-180.00	15.00	0.00007
-180.00	13.00	0.00007	-180.00	11.00	0.00007
-180.00	9.00	0.00007	-180.00	-9.00	0.00006
-180.00	-11.00	0.00006	-180.00	-13.00	0.00006
-180.00	-15.00	0.00006	-180.00	-17.00	0.00006
-180.00	-20.00	0.00006	-180.00	-25.00	0.00006
-180.00	-30.00	0.00006	-180.00	-40.00	0.00006
-180.00	-50.00	0.00006	-180.00	-60.00	0.00006
-180.00	-70.00	0.00006	-180.00	-80.00	0.00005
-180.00	-90.00	0.00005	-180.00	-100.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00009	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00009	-170.00	50.00	0.00009
-170.00	40.00	0.00008	-170.00	30.00	0.00008
-170.00	25.00	0.00008	-170.00	20.00	0.00008
-170.00	17.00	0.00007	-170.00	15.00	0.00007
-170.00	13.00	0.00007	-170.00	11.00	0.00007
-170.00	9.00	0.00007	-170.00	-9.00	0.00007
-170.00	-11.00	0.00007	-170.00	-13.00	0.00007
-170.00	-15.00	0.00007	-170.00	-17.00	0.00007
-170.00	-20.00	0.00007	-170.00	-25.00	0.00007
-170.00	-30.00	0.00007	-170.00	-40.00	0.00006
-170.00	-50.00	0.00006	-170.00	-60.00	0.00006
-170.00	-70.00	0.00006	-170.00	-80.00	0.00006
-170.00	-90.00	0.00005	-170.00	-100.00	0.00005
-160.00	100.00	0.00009	-160.00	90.00	0.00010
-160.00	80.00	0.00010	-160.00	70.00	0.00010
-160.00	60.00	0.00010	-160.00	50.00	0.00009
-160.00	40.00	0.00009	-160.00	30.00	0.00009
-160.00	25.00	0.00008	-160.00	20.00	0.00008
-160.00	17.00	0.00008	-160.00	15.00	0.00008
-160.00	13.00	0.00008	-160.00	11.00	0.00008
-160.00	9.00	0.00008	-160.00	-9.00	0.00007
-160.00	-11.00	0.00007	-160.00	-13.00	0.00007
-160.00	-15.00	0.00007	-160.00	-17.00	0.00007
-160.00	-20.00	0.00007	-160.00	-25.00	0.00007
-160.00	-30.00	0.00007	-160.00	-40.00	0.00007
-160.00	-50.00	0.00007	-160.00	-60.00	0.00007
-160.00	-70.00	0.00006	-160.00	-80.00	0.00006
-160.00	-90.00	0.00006	-160.00	-100.00	0.00005
-150.00	100.00	0.00010	-150.00	90.00	0.00010
-150.00	80.00	0.00010	-150.00	70.00	0.00011
-150.00	60.00	0.00011	-150.00	50.00	0.00010
-150.00	40.00	0.00010	-150.00	30.00	0.00009
-150.00	25.00	0.00009	-150.00	20.00	0.00009
-150.00	17.00	0.00009	-150.00	15.00	0.00009
-150.00	13.00	0.00009	-150.00	11.00	0.00008
-150.00	9.00	0.00008	-150.00	-9.00	0.00008
-150.00	-11.00	0.00008	-150.00	-13.00	0.00008
-150.00	-15.00	0.00008	-150.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

10NCRA PL97-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00008	-150.00	-25.00	0.00008	
-150.00	-30.00	0.00008	-150.00	-40.00	0.00007	
-150.00	-50.00	0.00007	-150.00	-60.00	0.00007	
-150.00	-70.00	0.00007	-150.00	-80.00	0.00006	
-150.00	-90.00	0.00006	-150.00	-100.00	0.00006	
-140.00	100.00	0.00010	-140.00	90.00	0.00011	
-140.00	80.00	0.00011	-140.00	70.00	0.00011	
-140.00	60.00	0.00012	-140.00	50.00	0.00011	
-140.00	40.00	0.00011	-140.00	30.00	0.00010	
-140.00	25.00	0.00010	-140.00	20.00	0.00010	
-140.00	17.00	0.00009	-140.00	15.00	0.00009	
-140.00	13.00	0.00009	-140.00	11.00	0.00009	
-140.00	9.00	0.00009	-140.00	-9.00	0.00009	
-140.00	-11.00	0.00008	-140.00	-13.00	0.00008	
-140.00	-15.00	0.00008	-140.00	-17.00	0.00008	
-140.00	-20.00	0.00008	-140.00	-25.00	0.00008	
-140.00	-30.00	0.00008	-140.00	-40.00	0.00008	
-140.00	-50.00	0.00008	-140.00	-60.00	0.00007	
-140.00	-70.00	0.00007	-140.00	-80.00	0.00007	
-140.00	-90.00	0.00006	-140.00	-100.00	0.00006	
-130.00	100.00	0.00011	-130.00	90.00	0.00012	
-130.00	80.00	0.00012	-130.00	70.00	0.00012	
-130.00	60.00	0.00013	-130.00	50.00	0.00012	
-130.00	40.00	0.00012	-130.00	30.00	0.00011	
-130.00	25.00	0.00011	-130.00	20.00	0.00011	
-130.00	17.00	0.00010	-130.00	15.00	0.00010	
-130.00	13.00	0.00010	-130.00	11.00	0.00010	
-130.00	9.00	0.00010	-130.00	-9.00	0.00009	
-130.00	-11.00	0.00009	-130.00	-13.00	0.00009	
-130.00	-15.00	0.00009	-130.00	-17.00	0.00009	
-130.00	-20.00	0.00009	-130.00	-25.00	0.00009	
-130.00	-30.00	0.00009	-130.00	-40.00	0.00009	
-130.00	-50.00	0.00008	-130.00	-60.00	0.00008	
-130.00	-70.00	0.00008	-130.00	-80.00	0.00007	
-130.00	-90.00	0.00007	-130.00	-100.00	0.00006	
-120.00	100.00	0.00012	-120.00	90.00	0.00012	
-120.00	80.00	0.00013	-120.00	70.00	0.00013	
-120.00	60.00	0.00014	-120.00	50.00	0.00014	
-120.00	40.00	0.00013	-120.00	30.00	0.00012	
-120.00	25.00	0.00012	-120.00	20.00	0.00012	



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00011	-120.00	15.00	0.00011
-120.00	13.00	0.00011	-120.00	11.00	0.00011
-120.00	9.00	0.00011	-120.00	-9.00	0.00010
-120.00	-11.00	0.00010	-120.00	-13.00	0.00010
-120.00	-15.00	0.00010	-120.00	-17.00	0.00010
-120.00	-20.00	0.00010	-120.00	-25.00	0.00010
-120.00	-30.00	0.00010	-120.00	-40.00	0.00009
-120.00	-50.00	0.00009	-120.00	-60.00	0.00009
-120.00	-70.00	0.00008	-120.00	-80.00	0.00008
-120.00	-90.00	0.00007	-120.00	-100.00	0.00007
-110.00	100.00	0.00013	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00015
-110.00	60.00	0.00015	-110.00	50.00	0.00015
-110.00	40.00	0.00014	-110.00	30.00	0.00014
-110.00	25.00	0.00013	-110.00	20.00	0.00013
-110.00	17.00	0.00013	-110.00	15.00	0.00012
-110.00	13.00	0.00012	-110.00	11.00	0.00012
-110.00	9.00	0.00012	-110.00	-9.00	0.00011
-110.00	-11.00	0.00011	-110.00	-13.00	0.00011
-110.00	-15.00	0.00011	-110.00	-17.00	0.00011
-110.00	-20.00	0.00011	-110.00	-25.00	0.00011
-110.00	-30.00	0.00010	-110.00	-40.00	0.00010
-110.00	-50.00	0.00010	-110.00	-60.00	0.00009
-110.00	-70.00	0.00009	-110.00	-80.00	0.00008
-110.00	-90.00	0.00008	-110.00	-100.00	0.00007
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00016
-100.00	60.00	0.00016	-100.00	50.00	0.00016
-100.00	40.00	0.00016	-100.00	30.00	0.00015
-100.00	25.00	0.00015	-100.00	20.00	0.00014
-100.00	17.00	0.00014	-100.00	15.00	0.00014
-100.00	13.00	0.00013	-100.00	11.00	0.00013
-100.00	9.00	0.00013	-100.00	-9.00	0.00012
-100.00	-11.00	0.00012	-100.00	-13.00	0.00012

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00012	-100.00	-17.00	0.00012
-100.00	-20.00	0.00012	-100.00	-25.00	0.00012
-100.00	-30.00	0.00011	-100.00	-40.00	0.00011
-100.00	-50.00	0.00011	-100.00	-60.00	0.00010
-100.00	-70.00	0.00009	-100.00	-80.00	0.00009
-100.00	-90.00	0.00008	-100.00	-100.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00016
-90.00	80.00	0.00016	-90.00	70.00	0.00017
-90.00	60.00	0.00018	-90.00	50.00	0.00018
-90.00	40.00	0.00018	-90.00	30.00	0.00017
-90.00	25.00	0.00016	-90.00	20.00	0.00016
-90.00	17.00	0.00015	-90.00	15.00	0.00015
-90.00	13.00	0.00015	-90.00	11.00	0.00015
-90.00	9.00	0.00015	-90.00	-9.00	0.00013
-90.00	-11.00	0.00013	-90.00	-13.00	0.00013
-90.00	-15.00	0.00013	-90.00	-17.00	0.00013
-90.00	-20.00	0.00013	-90.00	-25.00	0.00013
-90.00	-30.00	0.00013	-90.00	-40.00	0.00012
-90.00	-50.00	0.00011	-90.00	-60.00	0.00011
-90.00	-70.00	0.00010	-90.00	-80.00	0.00009
-90.00	-90.00	0.00009	-90.00	-100.00	0.00008
-80.00	100.00	0.00017	-80.00	90.00	0.00017
-80.00	80.00	0.00018	-80.00	70.00	0.00019
-80.00	60.00	0.00020	-80.00	50.00	0.00020
-80.00	40.00	0.00020	-80.00	30.00	0.00019
-80.00	25.00	0.00019	-80.00	20.00	0.00018
-80.00	17.00	0.00017	-80.00	15.00	0.00017
-80.00	13.00	0.00017	-80.00	11.00	0.00017
-80.00	9.00	0.00016	-80.00	-9.00	0.00015
-80.00	-11.00	0.00015	-80.00	-13.00	0.00015
-80.00	-15.00	0.00015	-80.00	-17.00	0.00015
-80.00	-20.00	0.00014	-80.00	-25.00	0.00014
-80.00	-30.00	0.00014	-80.00	-40.00	0.00013
-80.00	-50.00	0.00013	-80.00	-60.00	0.00012

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00011	-80.00	-80.00	0.00010
-80.00	-90.00	0.00009	-80.00	-100.00	0.00009
-70.00	100.00	0.00018	-70.00	90.00	0.00019
-70.00	80.00	0.00020	-70.00	70.00	0.00021
-70.00	60.00	0.00022	-70.00	50.00	0.00022
-70.00	40.00	0.00023	-70.00	30.00	0.00022
-70.00	25.00	0.00021	-70.00	20.00	0.00020
-70.00	17.00	0.00020	-70.00	15.00	0.00019
-70.00	13.00	0.00019	-70.00	11.00	0.00019
-70.00	9.00	0.00018	-70.00	-9.00	0.00017
-70.00	-11.00	0.00016	-70.00	-13.00	0.00016
-70.00	-15.00	0.00016	-70.00	-17.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00016	-70.00	-25.00	0.00016
-70.00	-30.00	0.00015	-70.00	-40.00	0.00015
-70.00	-50.00	0.00014	-70.00	-60.00	0.00013
-70.00	-70.00	0.00012	-70.00	-80.00	0.00011
-70.00	-90.00	0.00010	-70.00	-100.00	0.00010
-60.00	100.00	0.00020	-60.00	90.00	0.00021
-60.00	80.00	0.00022	-60.00	70.00	0.00023
-60.00	60.00	0.00024	-60.00	50.00	0.00025
-60.00	40.00	0.00026	-60.00	30.00	0.00025
-60.00	25.00	0.00024	-60.00	20.00	0.00023
-60.00	17.00	0.00022	-60.00	15.00	0.00022
-60.00	13.00	0.00022	-60.00	11.00	0.00021
-60.00	9.00	0.00021	-60.00	-9.00	0.00019
-60.00	-11.00	0.00019	-60.00	-13.00	0.00018
-60.00	-15.00	0.00018	-60.00	-17.00	0.00018
-60.00	-20.00	0.00018	-60.00	-25.00	0.00018
-60.00	-30.00	0.00017	-60.00	-40.00	0.00016
-60.00	-50.00	0.00015	-60.00	-60.00	0.00014
-60.00	-70.00	0.00013	-60.00	-80.00	0.00012
-60.00	-90.00	0.00011	-60.00	-100.00	0.00011
-50.00	100.00	0.00022	-50.00	90.00	0.00023
-50.00	80.00	0.00024	-50.00	70.00	0.00025

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00027	-50.00	50.00	0.00028
-50.00	40.00	0.00029	-50.00	30.00	0.00029
-50.00	25.00	0.00028	-50.00	20.00	0.00027
-50.00	17.00	0.00026	-50.00	15.00	0.00025
-50.00	13.00	0.00025	-50.00	11.00	0.00024
-50.00	9.00	0.00024	-50.00	-9.00	0.00021
-50.00	-11.00	0.00021	-50.00	-13.00	0.00021
-50.00	-15.00	0.00021	-50.00	-17.00	0.00020
-50.00	-20.00	0.00020	-50.00	-25.00	0.00020
-50.00	-30.00	0.00019	-50.00	-40.00	0.00018
-50.00	-50.00	0.00016	-50.00	-60.00	0.00015
-50.00	-70.00	0.00014	-50.00	-80.00	0.00013
-50.00	-90.00	0.00012	-50.00	-100.00	0.00011
-40.00	100.00	0.00024	-40.00	90.00	0.00026
-40.00	80.00	0.00027	-40.00	70.00	0.00029
-40.00	60.00	0.00030	-40.00	50.00	0.00031
-40.00	40.00	0.00033	-40.00	30.00	0.00033
-40.00	25.00	0.00032	-40.00	20.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00030	-40.00	15.00	0.00030
-40.00	13.00	0.00029	-40.00	11.00	0.00028
-40.00	9.00	0.00028	-40.00	-9.00	0.00024
-40.00	-11.00	0.00024	-40.00	-13.00	0.00024
-40.00	-15.00	0.00023	-40.00	-17.00	0.00023
-40.00	-20.00	0.00023	-40.00	-25.00	0.00022
-40.00	-30.00	0.00022	-40.00	-40.00	0.00020
-40.00	-50.00	0.00018	-40.00	-60.00	0.00016
-40.00	-70.00	0.00015	-40.00	-80.00	0.00014
-40.00	-90.00	0.00013	-40.00	-100.00	0.00013
-30.00	100.00	0.00026	-30.00	90.00	0.00029
-30.00	80.00	0.00031	-30.00	70.00	0.00032
-30.00	60.00	0.00034	-30.00	50.00	0.00036
-30.00	40.00	0.00038	-30.00	30.00	0.00039
-30.00	25.00	0.00038	-30.00	20.00	0.00037
-30.00	17.00	0.00036	-30.00	15.00	0.00035

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00034	-30.00	11.00	0.00033
-30.00	9.00	0.00032	-30.00	-9.00	0.00028
-30.00	-11.00	0.00027	-30.00	-13.00	0.00027
-30.00	-15.00	0.00027	-30.00	-17.00	0.00027
-30.00	-20.00	0.00026	-30.00	-25.00	0.00025
-30.00	-30.00	0.00024	-30.00	-40.00	0.00022
-30.00	-50.00	0.00020	-30.00	-60.00	0.00018
-30.00	-70.00	0.00017	-30.00	-80.00	0.00016
-30.00	-90.00	0.00015	-30.00	-100.00	0.00014
-20.00	100.00	0.00028	-20.00	90.00	0.00031
-20.00	80.00	0.00034	-20.00	70.00	0.00037
-20.00	60.00	0.00039	-20.00	50.00	0.00041
-20.00	40.00	0.00043	-20.00	30.00	0.00045
-20.00	25.00	0.00045	-20.00	20.00	0.00044
-20.00	17.00	0.00043	-20.00	15.00	0.00042
-20.00	13.00	0.00041	-20.00	11.00	0.00039
-20.00	9.00	0.00038	-20.00	-9.00	0.00032
-20.00	-11.00	0.00032	-20.00	-13.00	0.00031
-20.00	-15.00	0.00031	-20.00	-17.00	0.00031
-20.00	-20.00	0.00030	-20.00	-25.00	0.00029
-20.00	-30.00	0.00027	-20.00	-40.00	0.00025
-20.00	-50.00	0.00022	-20.00	-60.00	0.00020
-20.00	-70.00	0.00019	-20.00	-80.00	0.00017
-20.00	-90.00	0.00016	-20.00	-100.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00030	-10.00	90.00	0.00034
-10.00	80.00	0.00037	-10.00	70.00	0.00041
-10.00	60.00	0.00045	-10.00	50.00	0.00048
-10.00	40.00	0.00051	-10.00	30.00	0.00053
-10.00	25.00	0.00053	-10.00	20.00	0.00053
-10.00	17.00	0.00052	-10.00	15.00	0.00050
-10.00	13.00	0.00049	-10.00	11.00	0.00048
-10.00	9.00	0.00046	-10.00	-9.00	0.00038
-10.00	-11.00	0.00037	-10.00	-13.00	0.00037
-10.00	-15.00	0.00036	-10.00	-17.00	0.00035

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00035	-10.00	-25.00	0.00033
-10.00	-30.00	0.00031	-10.00	-40.00	0.00028
-10.00	-50.00	0.00025	-10.00	-60.00	0.00023
-10.00	-70.00	0.00021	-10.00	-80.00	0.00020
-10.00	-90.00	0.00019	-10.00	-100.00	0.00018
0.00	100.00	0.00031	0.00	90.00	0.00036
0.00	80.00	0.00040	0.00	70.00	0.00046
0.00	60.00	0.00051	0.00	50.00	0.00056
0.00	40.00	0.00060	0.00	30.00	0.00063
0.00	25.00	0.00064	0.00	20.00	0.00064
0.00	17.00	0.00063	0.00	15.00	0.00062
0.00	13.00	0.00061	0.00	11.00	0.00059
0.00	9.00	0.00057	0.00	-9.00	0.00044
0.00	-11.00	0.00044	0.00	-13.00	0.00043
0.00	-15.00	0.00042	0.00	-17.00	0.00041
0.00	-20.00	0.00040	0.00	-25.00	0.00037
0.00	-30.00	0.00035	0.00	-40.00	0.00032
0.00	-50.00	0.00028	0.00	-60.00	0.00026
0.00	-70.00	0.00024	0.00	-80.00	0.00023
0.00	-90.00	0.00022	0.00	-100.00	0.00020
10.00	100.00	0.00032	10.00	90.00	0.00037
10.00	80.00	0.00043	10.00	70.00	0.00050
10.00	60.00	0.00057	10.00	50.00	0.00065
10.00	40.00	0.00072	10.00	30.00	0.00077
10.00	25.00	0.00078	10.00	20.00	0.00078
10.00	17.00	0.00078	10.00	15.00	0.00077
10.00	13.00	0.00076	10.00	11.00	0.00074
10.00	9.00	0.00071	10.00	-9.00	0.00053
10.00	-11.00	0.00051	10.00	-13.00	0.00050
10.00	-15.00	0.00049	10.00	-17.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00046	10.00	-25.00	0.00043
10.00	-30.00	0.00040	10.00	-40.00	0.00036
10.00	-50.00	0.00033	10.00	-60.00	0.00031
10.00	-70.00	0.00029	10.00	-80.00	0.00027

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00025	10.00	-100.00	0.00023
20.00	100.00	0.00032	20.00	90.00	0.00038
20.00	80.00	0.00045	20.00	70.00	0.00053
20.00	60.00	0.00062	20.00	50.00	0.00073
20.00	40.00	0.00084	20.00	30.00	0.00094
20.00	25.00	0.00097	20.00	20.00	0.00098
20.00	17.00	0.00098	20.00	15.00	0.00097
20.00	13.00	0.00096	20.00	11.00	0.00094
20.00	9.00	0.00091	20.00	-9.00	0.00062
20.00	-11.00	0.00061	20.00	-13.00	0.00059
20.00	-15.00	0.00057	20.00	-17.00	0.00055
20.00	-20.00	0.00053	20.00	-25.00	0.00050
20.00	-30.00	0.00047	20.00	-40.00	0.00042
20.00	-50.00	0.00039	20.00	-60.00	0.00037
20.00	-70.00	0.00034	20.00	-80.00	0.00032
20.00	-90.00	0.00029	20.00	-100.00	0.00027
30.00	100.00	0.00031	30.00	90.00	0.00038
30.00	80.00	0.00045	30.00	70.00	0.00054
30.00	60.00	0.00066	30.00	50.00	0.00079
30.00	40.00	0.00095	30.00	30.00	0.00112
30.00	25.00	0.00121	30.00	20.00	0.00126
30.00	17.00	0.00127	30.00	15.00	0.00127
30.00	13.00	0.00126	30.00	11.00	0.00124
30.00	9.00	0.00120	30.00	-9.00	0.00074
30.00	-11.00	0.00071	30.00	-13.00	0.00069
30.00	-15.00	0.00067	30.00	-17.00	0.00065
30.00	-20.00	0.00062	30.00	-25.00	0.00059
30.00	-30.00	0.00057	30.00	-40.00	0.00052
30.00	-50.00	0.00048	30.00	-60.00	0.00045
30.00	-70.00	0.00041	30.00	-80.00	0.00038
30.00	-90.00	0.00034	30.00	-100.00	0.00032
40.00	100.00	0.00030	40.00	90.00	0.00036
40.00	80.00	0.00044	40.00	70.00	0.00054
40.00	60.00	0.00067	40.00	50.00	0.00082
40.00	40.00	0.00101	40.00	30.00	0.00125
40.00	25.00	0.00139	40.00	20.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00159	40.00	15.00	0.00163
40.00	13.00	0.00166	40.00	11.00	0.00168
40.00	9.00	0.00168	40.00	-9.00	0.00091
40.00	-11.00	0.00088	40.00	-13.00	0.00085
40.00	-15.00	0.00083	40.00	-17.00	0.00081
40.00	-20.00	0.00079	40.00	-25.00	0.00076
40.00	-30.00	0.00073	40.00	-40.00	0.00067
40.00	-50.00	0.00061	40.00	-60.00	0.00056
40.00	-70.00	0.00050	40.00	-80.00	0.00046
40.00	-90.00	0.00041	40.00	-100.00	0.00038
50.00	100.00	0.00028	50.00	90.00	0.00034
50.00	80.00	0.00042	50.00	70.00	0.00053
50.00	60.00	0.00066	50.00	50.00	0.00082
50.00	40.00	0.00103	50.00	30.00	0.00129
50.00	25.00	0.00145	50.00	20.00	0.00162
50.00	17.00	0.00172	50.00	15.00	0.00178
50.00	13.00	0.00184	50.00	11.00	0.00191
50.00	9.00	0.00198	50.00	-9.00	0.00189
50.00	-11.00	0.00166	50.00	-13.00	0.00151
50.00	-15.00	0.00141	50.00	-17.00	0.00133
50.00	-20.00	0.00125	50.00	-25.00	0.00114
50.00	-30.00	0.00106	50.00	-40.00	0.00093
50.00	-50.00	0.00082	50.00	-60.00	0.00072
50.00	-70.00	0.00064	50.00	-80.00	0.00057
50.00	-90.00	0.00050	50.00	-100.00	0.00045
60.00	100.00	0.00026	60.00	90.00	0.00032
60.00	80.00	0.00039	60.00	70.00	0.00049
60.00	60.00	0.00063	60.00	50.00	0.00080
60.00	40.00	0.00101	60.00	30.00	0.00129
60.00	25.00	0.00146	60.00	20.00	0.00166
60.00	17.00	0.00177	60.00	15.00	0.00185
60.00	13.00	0.00194	60.00	11.00	0.00203
60.00	9.00	0.00214	60.00	-9.00	0.00408
60.00	-11.00	0.00359	60.00	-13.00	0.00319
60.00	-15.00	0.00286	60.00	-17.00	0.00259
60.00	-20.00	0.00228	60.00	-25.00	0.00192
60.00	-30.00	0.00168	60.00	-40.00	0.00136
60.00	-50.00	0.00114	60.00	-60.00	0.00096
60.00	-70.00	0.00082	60.00	-80.00	0.00071
60.00	-90.00	0.00062	60.00	-100.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*



11:04:59

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00023	70.00	90.00	0.00029
70.00	80.00	0.00036	70.00	70.00	0.00045
70.00	60.00	0.00058	70.00	50.00	0.00076
70.00	40.00	0.00098	70.00	30.00	0.00128
70.00	25.00	0.00146	70.00	20.00	0.00167
70.00	17.00	0.00182	70.00	15.00	0.00192
70.00	13.00	0.00202	70.00	11.00	0.00215
70.00	9.00	0.00232	70.00	-9.00	0.00558
70.00	-11.00	0.00515	70.00	-13.00	0.00476
70.00	-15.00	0.00439	70.00	-17.00	0.00405
70.00	-20.00	0.00360	70.00	-25.00	0.00299
70.00	-30.00	0.00253	70.00	-40.00	0.00192
70.00	-50.00	0.00153	70.00	-60.00	0.00125
70.00	-70.00	0.00105	70.00	-80.00	0.00089
70.00	-90.00	0.00076	70.00	-100.00	0.00066
80.00	100.00	0.00021	80.00	90.00	0.00026
80.00	80.00	0.00032	80.00	70.00	0.00040
80.00	60.00	0.00053	80.00	50.00	0.00070
80.00	40.00	0.00093	80.00	30.00	0.00124
80.00	25.00	0.00143	80.00	20.00	0.00166
80.00	17.00	0.00182	80.00	15.00	0.00194
80.00	13.00	0.00208	80.00	11.00	0.00224
80.00	9.00	0.00246	80.00	-9.00	0.00649
80.00	-11.00	0.00612	80.00	-13.00	0.00577
80.00	-15.00	0.00545	80.00	-17.00	0.00513
80.00	-20.00	0.00468	80.00	-25.00	0.00401
80.00	-30.00	0.00343	80.00	-40.00	0.00257
80.00	-50.00	0.00199	80.00	-60.00	0.00159
80.00	-70.00	0.00129	80.00	-80.00	0.00108
80.00	-90.00	0.00091	80.00	-100.00	0.00077
90.00	100.00	0.00018	90.00	90.00	0.00023
90.00	80.00	0.00028	90.00	70.00	0.00035
90.00	60.00	0.00046	90.00	50.00	0.00062
90.00	40.00	0.00085	90.00	30.00	0.00117
90.00	25.00	0.00138	90.00	20.00	0.00162
90.00	17.00	0.00179	90.00	15.00	0.00193

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00209	90.00	11.00	0.00229
90.00	9.00	0.00253	90.00	-9.00	0.00706
90.00	-11.00	0.00673	90.00	-13.00	0.00642
90.00	-15.00	0.00612	90.00	-17.00	0.00584

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00543	90.00	-25.00	0.00478
90.00	-30.00	0.00419	90.00	-40.00	0.00319
90.00	-50.00	0.00246	90.00	-60.00	0.00194
90.00	-70.00	0.00156	90.00	-80.00	0.00128
90.00	-90.00	0.00106	90.00	-100.00	0.00090
100.00	100.00	0.00016	100.00	90.00	0.00020
100.00	80.00	0.00024	100.00	70.00	0.00031
100.00	60.00	0.00040	100.00	50.00	0.00053
100.00	40.00	0.00074	100.00	30.00	0.00106
100.00	25.00	0.00127	100.00	20.00	0.00153
100.00	17.00	0.00172	100.00	15.00	0.00187
100.00	13.00	0.00205	100.00	11.00	0.00226
100.00	9.00	0.00254	100.00	-9.00	0.00743
100.00	-11.00	0.00711	100.00	-13.00	0.00684
100.00	-15.00	0.00657	100.00	-17.00	0.00630
100.00	-20.00	0.00592	100.00	-25.00	0.00532
100.00	-30.00	0.00474	100.00	-40.00	0.00372
100.00	-50.00	0.00290	100.00	-60.00	0.00229
100.00	-70.00	0.00183	100.00	-80.00	0.00148
100.00	-90.00	0.00122	100.00	-100.00	0.00102
110.00	100.00	0.00014	110.00	90.00	0.00017
110.00	80.00	0.00021	110.00	70.00	0.00026
110.00	60.00	0.00034	110.00	50.00	0.00044
110.00	40.00	0.00061	110.00	30.00	0.00089
110.00	25.00	0.00110	110.00	20.00	0.00138
110.00	17.00	0.00158	110.00	15.00	0.00174
110.00	13.00	0.00193	110.00	11.00	0.00216
110.00	9.00	0.00245	110.00	-9.00	0.00765
110.00	-11.00	0.00735	110.00	-13.00	0.00710
110.00	-15.00	0.00686	110.00	-17.00	0.00661

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00625	110.00	-25.00	0.00567
110.00	-30.00	0.00513	110.00	-40.00	0.00412
110.00	-50.00	0.00327	110.00	-60.00	0.00259
110.00	-70.00	0.00207	110.00	-80.00	0.00168
110.00	-90.00	0.00138	110.00	-100.00	0.00115
120.00	100.00	0.00013	120.00	90.00	0.00015
120.00	80.00	0.00018	120.00	70.00	0.00022
120.00	60.00	0.00028	120.00	50.00	0.00037
120.00	40.00	0.00050	120.00	30.00	0.00071
120.00	25.00	0.00088	120.00	20.00	0.00113

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00133	120.00	15.00	0.00150
120.00	13.00	0.00170	120.00	11.00	0.00194
120.00	9.00	0.00224	120.00	-9.00	0.00777
120.00	-11.00	0.00748	120.00	-13.00	0.00724
120.00	-15.00	0.00702	120.00	-17.00	0.00679
120.00	-20.00	0.00645	120.00	-25.00	0.00589
120.00	-30.00	0.00535	120.00	-40.00	0.00438
120.00	-50.00	0.00353	120.00	-60.00	0.00284
120.00	-70.00	0.00229	120.00	-80.00	0.00186
120.00	-90.00	0.00153	120.00	-100.00	0.00127
130.00	100.00	0.00012	130.00	90.00	0.00014
130.00	80.00	0.00016	130.00	70.00	0.00020
130.00	60.00	0.00025	130.00	50.00	0.00031
130.00	40.00	0.00041	130.00	30.00	0.00057
130.00	25.00	0.00070	130.00	20.00	0.00089
130.00	17.00	0.00104	130.00	15.00	0.00117
130.00	13.00	0.00134	130.00	11.00	0.00155
130.00	9.00	0.00183	130.00	-9.00	0.00777
130.00	-11.00	0.00751	130.00	-13.00	0.00725
130.00	-15.00	0.00704	130.00	-17.00	0.00683
130.00	-20.00	0.00650	130.00	-25.00	0.00595
130.00	-30.00	0.00544	130.00	-40.00	0.00450
130.00	-50.00	0.00369	130.00	-60.00	0.00300
130.00	-70.00	0.00244	130.00	-80.00	0.00200

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00165	130.00	-100.00	0.00138
140.00	100.00	0.00011	140.00	90.00	0.00013
140.00	80.00	0.00015	140.00	70.00	0.00018
140.00	60.00	0.00022	140.00	50.00	0.00028
140.00	40.00	0.00037	140.00	30.00	0.00051
140.00	25.00	0.00062	140.00	20.00	0.00079
140.00	17.00	0.00092	140.00	15.00	0.00104
140.00	13.00	0.00118	140.00	11.00	0.00135
140.00	9.00	0.00158	140.00	-9.00	0.00685
140.00	-11.00	0.00686	140.00	-13.00	0.00675
140.00	-15.00	0.00660	140.00	-17.00	0.00646
140.00	-20.00	0.00620	140.00	-25.00	0.00575
140.00	-30.00	0.00529	140.00	-40.00	0.00445
140.00	-50.00	0.00370	140.00	-60.00	0.00306
140.00	-70.00	0.00253	140.00	-80.00	0.00209
140.00	-90.00	0.00174	140.00	-100.00	0.00145

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00012
150.00	80.00	0.00014	150.00	70.00	0.00017
150.00	60.00	0.00021	150.00	50.00	0.00026
150.00	40.00	0.00034	150.00	30.00	0.00047
150.00	25.00	0.00058	150.00	20.00	0.00073
150.00	17.00	0.00085	150.00	15.00	0.00095
150.00	13.00	0.00108	150.00	11.00	0.00123
150.00	9.00	0.00142	150.00	-9.00	0.00469
150.00	-11.00	0.00495	150.00	-13.00	0.00514
150.00	-15.00	0.00526	150.00	-17.00	0.00531
150.00	-20.00	0.00529	150.00	-25.00	0.00511
150.00	-30.00	0.00481	150.00	-40.00	0.00418
150.00	-50.00	0.00356	150.00	-60.00	0.00301
150.00	-70.00	0.00253	150.00	-80.00	0.00212
150.00	-90.00	0.00178	150.00	-100.00	0.00150
160.00	100.00	0.00010	160.00	90.00	0.00011
160.00	80.00	0.00013	160.00	70.00	0.00016
160.00	60.00	0.00020	160.00	50.00	0.00024

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00032	160.00	30.00	0.00044
160.00	25.00	0.00053	160.00	20.00	0.00066
160.00	17.00	0.00077	160.00	15.00	0.00086
160.00	13.00	0.00097	160.00	11.00	0.00109
160.00	9.00	0.00123	160.00	-9.00	0.00323
160.00	-11.00	0.00344	160.00	-13.00	0.00362
160.00	-15.00	0.00377	160.00	-17.00	0.00390
160.00	-20.00	0.00403	160.00	-25.00	0.00412
160.00	-30.00	0.00407	160.00	-40.00	0.00374
160.00	-50.00	0.00330	160.00	-60.00	0.00286
160.00	-70.00	0.00245	160.00	-80.00	0.00209
160.00	-90.00	0.00178	160.00	-100.00	0.00152
170.00	100.00	0.00009	170.00	90.00	0.00011
170.00	80.00	0.00013	170.00	70.00	0.00015
170.00	60.00	0.00018	170.00	50.00	0.00023
170.00	40.00	0.00029	170.00	30.00	0.00040
170.00	25.00	0.00049	170.00	20.00	0.00060
170.00	17.00	0.00069	170.00	15.00	0.00077
170.00	13.00	0.00085	170.00	11.00	0.00094
170.00	9.00	0.00104	170.00	-9.00	0.00234
170.00	-11.00	0.00249	170.00	-13.00	0.00262
170.00	-15.00	0.00274	170.00	-17.00	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 11:04:59      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00299	170.00	-25.00	0.00316
170.00	-30.00	0.00324	170.00	-40.00	0.00318
170.00	-50.00	0.00294	170.00	-60.00	0.00264
170.00	-70.00	0.00232	170.00	-80.00	0.00202
170.00	-90.00	0.00175	170.00	-100.00	0.00151
180.00	100.00	0.00009	180.00	90.00	0.00010
180.00	80.00	0.00012	180.00	70.00	0.00014
180.00	60.00	0.00017	180.00	50.00	0.00021
180.00	40.00	0.00027	180.00	30.00	0.00037
180.00	25.00	0.00044	180.00	20.00	0.00055
180.00	17.00	0.00062	180.00	15.00	0.00068
180.00	13.00	0.00074	180.00	11.00	0.00081

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00088	180.00	-9.00	0.00176
180.00	-11.00	0.00187	180.00	-13.00	0.00197
180.00	-15.00	0.00206	180.00	-17.00	0.00215
180.00	-20.00	0.00226	180.00	-25.00	0.00241
180.00	-30.00	0.00253	180.00	-40.00	0.00262
180.00	-50.00	0.00254	180.00	-60.00	0.00236
180.00	-70.00	0.00214	180.00	-80.00	0.00191
180.00	-90.00	0.00168	180.00	-100.00	0.00148
190.00	100.00	0.00009	190.00	90.00	0.00010
190.00	80.00	0.00011	190.00	70.00	0.00013
190.00	60.00	0.00016	190.00	50.00	0.00020
190.00	40.00	0.00025	190.00	30.00	0.00034
190.00	25.00	0.00041	190.00	20.00	0.00049
190.00	17.00	0.00055	190.00	15.00	0.00060
190.00	13.00	0.00065	190.00	11.00	0.00070
190.00	9.00	0.00075	190.00	-9.00	0.00137
190.00	-11.00	0.00145	190.00	-13.00	0.00153
190.00	-15.00	0.00160	190.00	-17.00	0.00167
190.00	-20.00	0.00176	190.00	-25.00	0.00188
190.00	-30.00	0.00198	190.00	-40.00	0.00211
190.00	-50.00	0.00214	190.00	-60.00	0.00206
190.00	-70.00	0.00193	190.00	-80.00	0.00176
190.00	-90.00	0.00159	190.00	-100.00	0.00142
200.00	100.00	0.00008	200.00	90.00	0.00009
200.00	80.00	0.00011	200.00	70.00	0.00012
200.00	60.00	0.00015	200.00	50.00	0.00018
200.00	40.00	0.00023	200.00	30.00	0.00032
200.00	25.00	0.00037	200.00	20.00	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00049	200.00	15.00	0.00053
200.00	13.00	0.00056	200.00	11.00	0.00060
200.00	9.00	0.00064	200.00	-9.00	0.00110
200.00	-11.00	0.00116	200.00	-13.00	0.00121
200.00	-15.00	0.00127	200.00	-17.00	0.00132
200.00	-20.00	0.00140	200.00	-25.00	0.00150

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00159	200.00	-40.00	0.00171
200.00	-50.00	0.00178	200.00	-60.00	0.00177
200.00	-70.00	0.00171	200.00	-80.00	0.00160
200.00	-90.00	0.00148	200.00	-100.00	0.00134
210.00	100.00	0.00008	210.00	90.00	0.00009
210.00	80.00	0.00010	210.00	70.00	0.00012
210.00	60.00	0.00014	210.00	50.00	0.00017
210.00	40.00	0.00022	210.00	30.00	0.00029
210.00	25.00	0.00034	210.00	20.00	0.00040
210.00	17.00	0.00044	210.00	15.00	0.00046
210.00	13.00	0.00049	210.00	11.00	0.00052
210.00	9.00	0.00055	210.00	-9.00	0.00090
210.00	-11.00	0.00094	210.00	-13.00	0.00099
210.00	-15.00	0.00103	210.00	-17.00	0.00107
210.00	-20.00	0.00113	210.00	-25.00	0.00122
210.00	-30.00	0.00130	210.00	-40.00	0.00141
210.00	-50.00	0.00148	210.00	-60.00	0.00151
210.00	-70.00	0.00149	210.00	-80.00	0.00144
210.00	-90.00	0.00135	210.00	-100.00	0.00125
220.00	100.00	0.00007	220.00	90.00	0.00008
220.00	80.00	0.00009	220.00	70.00	0.00011
220.00	60.00	0.00013	220.00	50.00	0.00016
220.00	40.00	0.00020	220.00	30.00	0.00027
220.00	25.00	0.00031	220.00	20.00	0.00036
220.00	17.00	0.00039	220.00	15.00	0.00041
220.00	13.00	0.00043	220.00	11.00	0.00046
220.00	9.00	0.00048	220.00	-9.00	0.00075
220.00	-11.00	0.00078	220.00	-13.00	0.00082
220.00	-15.00	0.00085	220.00	-17.00	0.00089
220.00	-20.00	0.00094	220.00	-25.00	0.00101
220.00	-30.00	0.00107	220.00	-40.00	0.00117
220.00	-50.00	0.00124	220.00	-60.00	0.00128
220.00	-70.00	0.00130	220.00	-80.00	0.00127
220.00	-90.00	0.00122	220.00	-100.00	0.00116

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----					

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00007	230.00	90.00	0.00008
230.00	80.00	0.00009	230.00	70.00	0.00010
230.00	60.00	0.00012	230.00	50.00	0.00015
230.00	40.00	0.00019	230.00	30.00	0.00025
230.00	25.00	0.00028	230.00	20.00	0.00032
230.00	17.00	0.00035	230.00	15.00	0.00037
230.00	13.00	0.00038	230.00	11.00	0.00040
230.00	9.00	0.00042	230.00	-9.00	0.00063
230.00	-11.00	0.00066	230.00	-13.00	0.00069
230.00	-15.00	0.00072	230.00	-17.00	0.00074
230.00	-20.00	0.00079	230.00	-25.00	0.00085
230.00	-30.00	0.00090	230.00	-40.00	0.00099
230.00	-50.00	0.00105	230.00	-60.00	0.00109
230.00	-70.00	0.00112	230.00	-80.00	0.00112
230.00	-90.00	0.00110	230.00	-100.00	0.00106
240.00	100.00	0.00007	240.00	90.00	0.00007
240.00	80.00	0.00008	240.00	70.00	0.00010
240.00	60.00	0.00012	240.00	50.00	0.00014
240.00	40.00	0.00018	240.00	30.00	0.00023
240.00	25.00	0.00026	240.00	20.00	0.00029
240.00	17.00	0.00031	240.00	15.00	0.00033
240.00	13.00	0.00034	240.00	11.00	0.00036
240.00	9.00	0.00037	240.00	-9.00	0.00054
240.00	-11.00	0.00057	240.00	-13.00	0.00059
240.00	-15.00	0.00061	240.00	-17.00	0.00063
240.00	-20.00	0.00067	240.00	-25.00	0.00072
240.00	-30.00	0.00077	240.00	-40.00	0.00084
240.00	-50.00	0.00090	240.00	-60.00	0.00094
240.00	-70.00	0.00097	240.00	-80.00	0.00098
240.00	-90.00	0.00098	240.00	-100.00	0.00096
250.00	100.00	0.00006	250.00	90.00	0.00007
250.00	80.00	0.00008	250.00	70.00	0.00009
250.00	60.00	0.00011	250.00	50.00	0.00014
250.00	40.00	0.00017	250.00	30.00	0.00021
250.00	25.00	0.00024	250.00	20.00	0.00027
250.00	17.00	0.00028	250.00	15.00	0.00029
250.00	13.00	0.00031	250.00	11.00	0.00032
250.00	9.00	0.00033	250.00	-9.00	0.00047
250.00	-11.00	0.00049	250.00	-13.00	0.00051
250.00	-15.00	0.00053	250.00	-17.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00057	250.00	-25.00	0.00062
250.00	-30.00	0.00066	250.00	-40.00	0.00072
250.00	-50.00	0.00077	250.00	-60.00	0.00081
250.00	-70.00	0.00084	250.00	-80.00	0.00086
250.00	-90.00	0.00087	250.00	-100.00	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00009	-250.00	90.00	0.00010
-250.00	80.00	0.00010	-250.00	70.00	0.00010
-250.00	60.00	0.00010	-250.00	50.00	0.00009
-250.00	40.00	0.00009	-250.00	30.00	0.00009
-250.00	25.00	0.00008	-250.00	20.00	0.00008
-250.00	17.00	0.00008	-250.00	15.00	0.00008
-250.00	13.00	0.00008	-250.00	11.00	0.00008
-250.00	9.00	0.00008	-250.00	-9.00	0.00007
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00007	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00007
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007
-250.00	-70.00	0.00006	-250.00	-80.00	0.00006
-250.00	-90.00	0.00006	-250.00	-100.00	0.00005
-240.00	100.00	0.00010	-240.00	90.00	0.00010
-240.00	80.00	0.00010	-240.00	70.00	0.00011
-240.00	60.00	0.00011	-240.00	50.00	0.00010
-240.00	40.00	0.00010	-240.00	30.00	0.00009
-240.00	25.00	0.00009	-240.00	20.00	0.00009
-240.00	17.00	0.00009	-240.00	15.00	0.00009
-240.00	13.00	0.00009	-240.00	11.00	0.00008
-240.00	9.00	0.00008	-240.00	-9.00	0.00008

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00008	-240.00	-13.00	0.00008
-240.00	-15.00	0.00008	-240.00	-17.00	0.00008
-240.00	-20.00	0.00008	-240.00	-25.00	0.00008
-240.00	-30.00	0.00008	-240.00	-40.00	0.00007
-240.00	-50.00	0.00007	-240.00	-60.00	0.00007
-240.00	-70.00	0.00007	-240.00	-80.00	0.00006
-240.00	-90.00	0.00006	-240.00	-100.00	0.00006
-230.00	100.00	0.00010	-230.00	90.00	0.00011
-230.00	80.00	0.00011	-230.00	70.00	0.00011
-230.00	60.00	0.00012	-230.00	50.00	0.00011
-230.00	40.00	0.00011	-230.00	30.00	0.00010
-230.00	25.00	0.00010	-230.00	20.00	0.00010
-230.00	17.00	0.00009	-230.00	15.00	0.00009
-230.00	13.00	0.00009	-230.00	11.00	0.00009
-230.00	9.00	0.00009	-230.00	-9.00	0.00009
-230.00	-11.00	0.00008	-230.00	-13.00	0.00008
-230.00	-15.00	0.00008	-230.00	-17.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00008	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00008
-230.00	-50.00	0.00008	-230.00	-60.00	0.00007
-230.00	-70.00	0.00007	-230.00	-80.00	0.00007
-230.00	-90.00	0.00006	-230.00	-100.00	0.00006
-220.00	100.00	0.00011	-220.00	90.00	0.00012
-220.00	80.00	0.00012	-220.00	70.00	0.00012
-220.00	60.00	0.00013	-220.00	50.00	0.00012
-220.00	40.00	0.00012	-220.00	30.00	0.00011
-220.00	25.00	0.00011	-220.00	20.00	0.00011
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00010	-220.00	-9.00	0.00009
-220.00	-11.00	0.00009	-220.00	-13.00	0.00009
-220.00	-15.00	0.00009	-220.00	-17.00	0.00009
-220.00	-20.00	0.00009	-220.00	-25.00	0.00009
-220.00	-30.00	0.00009	-220.00	-40.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-50.00	0.00008	-220.00	-60.00	0.00008
-220.00	-70.00	0.00008	-220.00	-80.00	0.00007
-220.00	-90.00	0.00007	-220.00	-100.00	0.00006
-210.00	100.00	0.00012	-210.00	90.00	0.00012
-210.00	80.00	0.00013	-210.00	70.00	0.00013
-210.00	60.00	0.00014	-210.00	50.00	0.00014
-210.00	40.00	0.00013	-210.00	30.00	0.00012
-210.00	25.00	0.00012	-210.00	20.00	0.00012
-210.00	17.00	0.00011	-210.00	15.00	0.00011
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00010
-210.00	-11.00	0.00010	-210.00	-13.00	0.00010
-210.00	-15.00	0.00010	-210.00	-17.00	0.00010
-210.00	-20.00	0.00010	-210.00	-25.00	0.00010
-210.00	-30.00	0.00010	-210.00	-40.00	0.00009
-210.00	-50.00	0.00009	-210.00	-60.00	0.00009
-210.00	-70.00	0.00008	-210.00	-80.00	0.00008
-210.00	-90.00	0.00007	-210.00	-100.00	0.00007
-200.00	100.00	0.00013	-200.00	90.00	0.00013
-200.00	80.00	0.00014	-200.00	70.00	0.00015
-200.00	60.00	0.00015	-200.00	50.00	0.00015
-200.00	40.00	0.00014	-200.00	30.00	0.00014
-200.00	25.00	0.00013	-200.00	20.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00013	-200.00	15.00	0.00012
-200.00	13.00	0.00012	-200.00	11.00	0.00012
-200.00	9.00	0.00012	-200.00	-9.00	0.00011
-200.00	-11.00	0.00011	-200.00	-13.00	0.00011
-200.00	-15.00	0.00011	-200.00	-17.00	0.00011
-200.00	-20.00	0.00011	-200.00	-25.00	0.00011
-200.00	-30.00	0.00010	-200.00	-40.00	0.00010
-200.00	-50.00	0.00010	-200.00	-60.00	0.00009
-200.00	-70.00	0.00009	-200.00	-80.00	0.00008
-200.00	-90.00	0.00008	-200.00	-100.00	0.00007
-190.00	100.00	0.00014	-190.00	90.00	0.00014

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00016
-190.00	60.00	0.00016	-190.00	50.00	0.00016
-190.00	40.00	0.00016	-190.00	30.00	0.00015
-190.00	25.00	0.00015	-190.00	20.00	0.00014
-190.00	17.00	0.00014	-190.00	15.00	0.00014
-190.00	13.00	0.00013	-190.00	11.00	0.00013
-190.00	9.00	0.00013	-190.00	-9.00	0.00012
-190.00	-11.00	0.00012	-190.00	-13.00	0.00012
-190.00	-15.00	0.00012	-190.00	-17.00	0.00012
-190.00	-20.00	0.00012	-190.00	-25.00	0.00012
-190.00	-30.00	0.00011	-190.00	-40.00	0.00011
-190.00	-50.00	0.00011	-190.00	-60.00	0.00010
-190.00	-70.00	0.00009	-190.00	-80.00	0.00009
-190.00	-90.00	0.00008	-190.00	-100.00	0.00008
-180.00	100.00	0.00015	-180.00	90.00	0.00016
-180.00	80.00	0.00016	-180.00	70.00	0.00017
-180.00	60.00	0.00018	-180.00	50.00	0.00018
-180.00	40.00	0.00018	-180.00	30.00	0.00017
-180.00	25.00	0.00016	-180.00	20.00	0.00016
-180.00	17.00	0.00015	-180.00	15.00	0.00015
-180.00	13.00	0.00015	-180.00	11.00	0.00015
-180.00	9.00	0.00015	-180.00	-9.00	0.00013
-180.00	-11.00	0.00013	-180.00	-13.00	0.00013
-180.00	-15.00	0.00013	-180.00	-17.00	0.00013
-180.00	-20.00	0.00013	-180.00	-25.00	0.00013
-180.00	-30.00	0.00013	-180.00	-40.00	0.00012
-180.00	-50.00	0.00011	-180.00	-60.00	0.00011
-180.00	-70.00	0.00010	-180.00	-80.00	0.00009
-180.00	-90.00	0.00009	-180.00	-100.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTS:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00017	-170.00	90.00	0.00017
-170.00	80.00	0.00018	-170.00	70.00	0.00019
-170.00	60.00	0.00020	-170.00	50.00	0.00020
-170.00	40.00	0.00020	-170.00	30.00	0.00019
-170.00	25.00	0.00019	-170.00	20.00	0.00018

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00017	-170.00	15.00	0.00017
-170.00	13.00	0.00017	-170.00	11.00	0.00017
-170.00	9.00	0.00016	-170.00	-9.00	0.00015
-170.00	-11.00	0.00015	-170.00	-13.00	0.00015
-170.00	-15.00	0.00015	-170.00	-17.00	0.00015
-170.00	-20.00	0.00014	-170.00	-25.00	0.00014
-170.00	-30.00	0.00014	-170.00	-40.00	0.00013
-170.00	-50.00	0.00013	-170.00	-60.00	0.00012
-170.00	-70.00	0.00011	-170.00	-80.00	0.00010
-170.00	-90.00	0.00009	-170.00	-100.00	0.00009
-160.00	100.00	0.00018	-160.00	90.00	0.00019
-160.00	80.00	0.00020	-160.00	70.00	0.00021
-160.00	60.00	0.00022	-160.00	50.00	0.00022
-160.00	40.00	0.00023	-160.00	30.00	0.00022
-160.00	25.00	0.00021	-160.00	20.00	0.00020
-160.00	17.00	0.00020	-160.00	15.00	0.00019
-160.00	13.00	0.00019	-160.00	11.00	0.00019
-160.00	9.00	0.00018	-160.00	-9.00	0.00017
-160.00	-11.00	0.00016	-160.00	-13.00	0.00016
-160.00	-15.00	0.00016	-160.00	-17.00	0.00016
-160.00	-20.00	0.00016	-160.00	-25.00	0.00016
-160.00	-30.00	0.00015	-160.00	-40.00	0.00015
-160.00	-50.00	0.00014	-160.00	-60.00	0.00013
-160.00	-70.00	0.00012	-160.00	-80.00	0.00011
-160.00	-90.00	0.00010	-160.00	-100.00	0.00010
-150.00	100.00	0.00020	-150.00	90.00	0.00021
-150.00	80.00	0.00022	-150.00	70.00	0.00023
-150.00	60.00	0.00024	-150.00	50.00	0.00025
-150.00	40.00	0.00026	-150.00	30.00	0.00025
-150.00	25.00	0.00024	-150.00	20.00	0.00023
-150.00	17.00	0.00022	-150.00	15.00	0.00022
-150.00	13.00	0.00022	-150.00	11.00	0.00021
-150.00	9.00	0.00021	-150.00	-9.00	0.00019
-150.00	-11.00	0.00019	-150.00	-13.00	0.00018
-150.00	-15.00	0.00018	-150.00	-17.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 11:04:59  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

10NCRA_PL97-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00018	-150.00	-25.00	0.00018
-150.00	-30.00	0.00017	-150.00	-40.00	0.00016
-150.00	-50.00	0.00015	-150.00	-60.00	0.00014
-150.00	-70.00	0.00013	-150.00	-80.00	0.00012
-150.00	-90.00	0.00011	-150.00	-100.00	0.00011
-140.00	100.00	0.00022	-140.00	90.00	0.00023
-140.00	80.00	0.00024	-140.00	70.00	0.00025
-140.00	60.00	0.00027	-140.00	50.00	0.00028
-140.00	40.00	0.00029	-140.00	30.00	0.00029
-140.00	25.00	0.00028	-140.00	20.00	0.00027
-140.00	17.00	0.00026	-140.00	15.00	0.00025
-140.00	13.00	0.00025	-140.00	11.00	0.00024
-140.00	9.00	0.00024	-140.00	-9.00	0.00021
-140.00	-11.00	0.00021	-140.00	-13.00	0.00021
-140.00	-15.00	0.00021	-140.00	-17.00	0.00020
-140.00	-20.00	0.00020	-140.00	-25.00	0.00020
-140.00	-30.00	0.00019	-140.00	-40.00	0.00018
-140.00	-50.00	0.00016	-140.00	-60.00	0.00015
-140.00	-70.00	0.00014	-140.00	-80.00	0.00013
-140.00	-90.00	0.00012	-140.00	-100.00	0.00011
-130.00	100.00	0.00024	-130.00	90.00	0.00026
-130.00	80.00	0.00027	-130.00	70.00	0.00029
-130.00	60.00	0.00030	-130.00	50.00	0.00031
-130.00	40.00	0.00033	-130.00	30.00	0.00033
-130.00	25.00	0.00032	-130.00	20.00	0.00031
-130.00	17.00	0.00030	-130.00	15.00	0.00030
-130.00	13.00	0.00029	-130.00	11.00	0.00028
-130.00	9.00	0.00028	-130.00	-9.00	0.00024
-130.00	-11.00	0.00024	-130.00	-13.00	0.00024
-130.00	-15.00	0.00023	-130.00	-17.00	0.00023
-130.00	-20.00	0.00023	-130.00	-25.00	0.00022
-130.00	-30.00	0.00022	-130.00	-40.00	0.00020
-130.00	-50.00	0.00018	-130.00	-60.00	0.00016
-130.00	-70.00	0.00015	-130.00	-80.00	0.00014
-130.00	-90.00	0.00013	-130.00	-100.00	0.00013
-120.00	100.00	0.00026	-120.00	90.00	0.00029
-120.00	80.00	0.00031	-120.00	70.00	0.00032
-120.00	60.00	0.00034	-120.00	50.00	0.00036
-120.00	40.00	0.00038	-120.00	30.00	0.00039
-120.00	25.00	0.00038	-120.00	20.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00036	-120.00	15.00	0.00035
-120.00	13.00	0.00034	-120.00	11.00	0.00033
-120.00	9.00	0.00032	-120.00	-9.00	0.00028
-120.00	-11.00	0.00027	-120.00	-13.00	0.00027
-120.00	-15.00	0.00027	-120.00	-17.00	0.00027
-120.00	-20.00	0.00026	-120.00	-25.00	0.00025
-120.00	-30.00	0.00024	-120.00	-40.00	0.00022
-120.00	-50.00	0.00020	-120.00	-60.00	0.00018
-120.00	-70.00	0.00017	-120.00	-80.00	0.00016
-120.00	-90.00	0.00015	-120.00	-100.00	0.00014
-110.00	100.00	0.00028	-110.00	90.00	0.00031
-110.00	80.00	0.00034	-110.00	70.00	0.00037
-110.00	60.00	0.00039	-110.00	50.00	0.00041
-110.00	40.00	0.00043	-110.00	30.00	0.00045
-110.00	25.00	0.00045	-110.00	20.00	0.00044
-110.00	17.00	0.00043	-110.00	15.00	0.00042
-110.00	13.00	0.00041	-110.00	11.00	0.00039
-110.00	9.00	0.00038	-110.00	-9.00	0.00032
-110.00	-11.00	0.00032	-110.00	-13.00	0.00031
-110.00	-15.00	0.00031	-110.00	-17.00	0.00031
-110.00	-20.00	0.00030	-110.00	-25.00	0.00029
-110.00	-30.00	0.00027	-110.00	-40.00	0.00025
-110.00	-50.00	0.00022	-110.00	-60.00	0.00020
-110.00	-70.00	0.00019	-110.00	-80.00	0.00017
-110.00	-90.00	0.00016	-110.00	-100.00	0.00016
-100.00	100.00	0.00030	-100.00	90.00	0.00034
-100.00	80.00	0.00037	-100.00	70.00	0.00041
-100.00	60.00	0.00045	-100.00	50.00	0.00048
-100.00	40.00	0.00051	-100.00	30.00	0.00053
-100.00	25.00	0.00053	-100.00	20.00	0.00053
-100.00	17.00	0.00052	-100.00	15.00	0.00050
-100.00	13.00	0.00049	-100.00	11.00	0.00048
-100.00	9.00	0.00046	-100.00	-9.00	0.00038
-100.00	-11.00	0.00037	-100.00	-13.00	0.00037
-100.00	-15.00	0.00036	-100.00	-17.00	0.00035
-100.00	-20.00	0.00035	-100.00	-25.00	0.00033
-100.00	-30.00	0.00031	-100.00	-40.00	0.00028

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00025	-100.00	-60.00	0.00023
-100.00	-70.00	0.00021	-100.00	-80.00	0.00020
-100.00	-90.00	0.00019	-100.00	-100.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 69

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00031	-90.00	90.00	0.00036
-90.00	80.00	0.00040	-90.00	70.00	0.00046
-90.00	60.00	0.00051	-90.00	50.00	0.00056
-90.00	40.00	0.00060	-90.00	30.00	0.00063
-90.00	25.00	0.00064	-90.00	20.00	0.00064
-90.00	17.00	0.00063	-90.00	15.00	0.00062
-90.00	13.00	0.00061	-90.00	11.00	0.00059
-90.00	9.00	0.00057	-90.00	-9.00	0.00044
-90.00	-11.00	0.00044	-90.00	-13.00	0.00043
-90.00	-15.00	0.00042	-90.00	-17.00	0.00041
-90.00	-20.00	0.00040	-90.00	-25.00	0.00037
-90.00	-30.00	0.00035	-90.00	-40.00	0.00032
-90.00	-50.00	0.00028	-90.00	-60.00	0.00026
-90.00	-70.00	0.00024	-90.00	-80.00	0.00023
-90.00	-90.00	0.00022	-90.00	-100.00	0.00020
-80.00	100.00	0.00032	-80.00	90.00	0.00037
-80.00	80.00	0.00043	-80.00	70.00	0.00050
-80.00	60.00	0.00057	-80.00	50.00	0.00065
-80.00	40.00	0.00072	-80.00	30.00	0.00077
-80.00	25.00	0.00078	-80.00	20.00	0.00078
-80.00	17.00	0.00078	-80.00	15.00	0.00077
-80.00	13.00	0.00076	-80.00	11.00	0.00074
-80.00	9.00	0.00071	-80.00	-9.00	0.00053
-80.00	-11.00	0.00051	-80.00	-13.00	0.00050
-80.00	-15.00	0.00049	-80.00	-17.00	0.00048
-80.00	-20.00	0.00046	-80.00	-25.00	0.00043
-80.00	-30.00	0.00040	-80.00	-40.00	0.00036
-80.00	-50.00	0.00033	-80.00	-60.00	0.00031
-80.00	-70.00	0.00029	-80.00	-80.00	0.00027
-80.00	-90.00	0.00025	-80.00	-100.00	0.00023
-70.00	100.00	0.00032	-70.00	90.00	0.00038



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00045	-70.00	70.00	0.00053
-70.00	60.00	0.00062	-70.00	50.00	0.00073
-70.00	40.00	0.00084	-70.00	30.00	0.00094
-70.00	25.00	0.00097	-70.00	20.00	0.00098
-70.00	17.00	0.00098	-70.00	15.00	0.00097
-70.00	13.00	0.00096	-70.00	11.00	0.00094
-70.00	9.00	0.00091	-70.00	-9.00	0.00062
-70.00	-11.00	0.00061	-70.00	-13.00	0.00059
-70.00	-15.00	0.00057	-70.00	-17.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00053	-70.00	-25.00	0.00050
-70.00	-30.00	0.00047	-70.00	-40.00	0.00042
-70.00	-50.00	0.00039	-70.00	-60.00	0.00037
-70.00	-70.00	0.00034	-70.00	-80.00	0.00032
-70.00	-90.00	0.00029	-70.00	-100.00	0.00027
-60.00	100.00	0.00031	-60.00	90.00	0.00038
-60.00	80.00	0.00045	-60.00	70.00	0.00054
-60.00	60.00	0.00066	-60.00	50.00	0.00079
-60.00	40.00	0.00095	-60.00	30.00	0.00112
-60.00	25.00	0.00121	-60.00	20.00	0.00126
-60.00	17.00	0.00127	-60.00	15.00	0.00127
-60.00	13.00	0.00126	-60.00	11.00	0.00124
-60.00	9.00	0.00120	-60.00	-9.00	0.00074
-60.00	-11.00	0.00071	-60.00	-13.00	0.00069
-60.00	-15.00	0.00067	-60.00	-17.00	0.00065
-60.00	-20.00	0.00062	-60.00	-25.00	0.00059
-60.00	-30.00	0.00057	-60.00	-40.00	0.00052
-60.00	-50.00	0.00048	-60.00	-60.00	0.00045
-60.00	-70.00	0.00041	-60.00	-80.00	0.00038
-60.00	-90.00	0.00034	-60.00	-100.00	0.00032
-50.00	100.00	0.00030	-50.00	90.00	0.00036
-50.00	80.00	0.00044	-50.00	70.00	0.00054
-50.00	60.00	0.00067	-50.00	50.00	0.00082
-50.00	40.00	0.00101	-50.00	30.00	0.00125
-50.00	25.00	0.00139	-50.00	20.00	0.00152

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00159	-50.00	15.00	0.00163
-50.00	13.00	0.00166	-50.00	11.00	0.00168
-50.00	9.00	0.00168	-50.00	-9.00	0.00091
-50.00	-11.00	0.00088	-50.00	-13.00	0.00085
-50.00	-15.00	0.00083	-50.00	-17.00	0.00081
-50.00	-20.00	0.00079	-50.00	-25.00	0.00076
-50.00	-30.00	0.00073	-50.00	-40.00	0.00067
-50.00	-50.00	0.00061	-50.00	-60.00	0.00056
-50.00	-70.00	0.00050	-50.00	-80.00	0.00046
-50.00	-90.00	0.00041	-50.00	-100.00	0.00038
-40.00	100.00	0.00028	-40.00	90.00	0.00034
-40.00	80.00	0.00042	-40.00	70.00	0.00053
-40.00	60.00	0.00066	-40.00	50.00	0.00082
-40.00	40.00	0.00103	-40.00	30.00	0.00129
-40.00	25.00	0.00145	-40.00	20.00	0.00162

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00172	-40.00	15.00	0.00178
-40.00	13.00	0.00184	-40.00	11.00	0.00191
-40.00	9.00	0.00198	-40.00	-9.00	0.00189
-40.00	-11.00	0.00166	-40.00	-13.00	0.00151
-40.00	-15.00	0.00141	-40.00	-17.00	0.00133
-40.00	-20.00	0.00125	-40.00	-25.00	0.00114
-40.00	-30.00	0.00106	-40.00	-40.00	0.00093
-40.00	-50.00	0.00082	-40.00	-60.00	0.00072
-40.00	-70.00	0.00064	-40.00	-80.00	0.00057
-40.00	-90.00	0.00050	-40.00	-100.00	0.00045
-30.00	100.00	0.00026	-30.00	90.00	0.00032
-30.00	80.00	0.00039	-30.00	70.00	0.00049
-30.00	60.00	0.00063	-30.00	50.00	0.00080
-30.00	40.00	0.00101	-30.00	30.00	0.00129
-30.00	25.00	0.00146	-30.00	20.00	0.00166
-30.00	17.00	0.00177	-30.00	15.00	0.00185
-30.00	13.00	0.00194	-30.00	11.00	0.00203
-30.00	9.00	0.00214	-30.00	-9.00	0.00408
-30.00	-11.00	0.00359	-30.00	-13.00	0.00319

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00286	-30.00	-17.00	0.00259
-30.00	-20.00	0.00228	-30.00	-25.00	0.00192
-30.00	-30.00	0.00168	-30.00	-40.00	0.00136
-30.00	-50.00	0.00114	-30.00	-60.00	0.00096
-30.00	-70.00	0.00082	-30.00	-80.00	0.00071
-30.00	-90.00	0.00062	-30.00	-100.00	0.00055
-20.00	100.00	0.00023	-20.00	90.00	0.00029
-20.00	80.00	0.00036	-20.00	70.00	0.00045
-20.00	60.00	0.00058	-20.00	50.00	0.00076
-20.00	40.00	0.00098	-20.00	30.00	0.00128
-20.00	25.00	0.00146	-20.00	20.00	0.00167
-20.00	17.00	0.00182	-20.00	15.00	0.00192
-20.00	13.00	0.00202	-20.00	11.00	0.00215
-20.00	9.00	0.00232	-20.00	-9.00	0.00558
-20.00	-11.00	0.00515	-20.00	-13.00	0.00476
-20.00	-15.00	0.00439	-20.00	-17.00	0.00405
-20.00	-20.00	0.00360	-20.00	-25.00	0.00299
-20.00	-30.00	0.00253	-20.00	-40.00	0.00192
-20.00	-50.00	0.00153	-20.00	-60.00	0.00125
-20.00	-70.00	0.00105	-20.00	-80.00	0.00089
-20.00	-90.00	0.00076	-20.00	-100.00	0.00066

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 72

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00021	-10.00	90.00	0.00026
-10.00	80.00	0.00032	-10.00	70.00	0.00040
-10.00	60.00	0.00053	-10.00	50.00	0.00070
-10.00	40.00	0.00093	-10.00	30.00	0.00124
-10.00	25.00	0.00143	-10.00	20.00	0.00166
-10.00	17.00	0.00182	-10.00	15.00	0.00194
-10.00	13.00	0.00208	-10.00	11.00	0.00224
-10.00	9.00	0.00246	-10.00	-9.00	0.00649
-10.00	-11.00	0.00612	-10.00	-13.00	0.00577
-10.00	-15.00	0.00545	-10.00	-17.00	0.00513
-10.00	-20.00	0.00468	-10.00	-25.00	0.00401
-10.00	-30.00	0.00343	-10.00	-40.00	0.00257
-10.00	-50.00	0.00199	-10.00	-60.00	0.00159

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00129	-10.00	-80.00	0.00108
-10.00	-90.00	0.00091	-10.00	-100.00	0.00077
0.00	100.00	0.00018	0.00	90.00	0.00023
0.00	80.00	0.00028	0.00	70.00	0.00035
0.00	60.00	0.00046	0.00	50.00	0.00062
0.00	40.00	0.00085	0.00	30.00	0.00117
0.00	25.00	0.00138	0.00	20.00	0.00162
0.00	17.00	0.00179	0.00	15.00	0.00193
0.00	13.00	0.00209	0.00	11.00	0.00229
0.00	9.00	0.00253	0.00	-9.00	0.00706
0.00	-11.00	0.00673	0.00	-13.00	0.00642
0.00	-15.00	0.00612	0.00	-17.00	0.00584
0.00	-20.00	0.00543	0.00	-25.00	0.00478
0.00	-30.00	0.00419	0.00	-40.00	0.00319
0.00	-50.00	0.00246	0.00	-60.00	0.00194
0.00	-70.00	0.00156	0.00	-80.00	0.00128
0.00	-90.00	0.00106	0.00	-100.00	0.00090
10.00	100.00	0.00016	10.00	90.00	0.00020
10.00	80.00	0.00024	10.00	70.00	0.00031
10.00	60.00	0.00040	10.00	50.00	0.00053
10.00	40.00	0.00074	10.00	30.00	0.00106
10.00	25.00	0.00127	10.00	20.00	0.00153
10.00	17.00	0.00172	10.00	15.00	0.00187
10.00	13.00	0.00205	10.00	11.00	0.00226
10.00	9.00	0.00254	10.00	-9.00	0.00743
10.00	-11.00	0.00711	10.00	-13.00	0.00684
10.00	-15.00	0.00657	10.00	-17.00	0.00630

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 73

CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00592	10.00	-25.00	0.00532
10.00	-30.00	0.00474	10.00	-40.00	0.00372
10.00	-50.00	0.00290	10.00	-60.00	0.00229
10.00	-70.00	0.00183	10.00	-80.00	0.00148
10.00	-90.00	0.00122	10.00	-100.00	0.00102
20.00	100.00	0.00014	20.00	90.00	0.00017
20.00	80.00	0.00021	20.00	70.00	0.00026

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00034	20.00	50.00	0.00044
20.00	40.00	0.00061	20.00	30.00	0.00089
20.00	25.00	0.00110	20.00	20.00	0.00138
20.00	17.00	0.00158	20.00	15.00	0.00174
20.00	13.00	0.00193	20.00	11.00	0.00216
20.00	9.00	0.00245	20.00	-9.00	0.00765
20.00	-11.00	0.00735	20.00	-13.00	0.00710
20.00	-15.00	0.00686	20.00	-17.00	0.00661
20.00	-20.00	0.00625	20.00	-25.00	0.00567
20.00	-30.00	0.00513	20.00	-40.00	0.00412
20.00	-50.00	0.00327	20.00	-60.00	0.00259
20.00	-70.00	0.00207	20.00	-80.00	0.00168
20.00	-90.00	0.00138	20.00	-100.00	0.00115
30.00	100.00	0.00013	30.00	90.00	0.00015
30.00	80.00	0.00018	30.00	70.00	0.00022
30.00	60.00	0.00028	30.00	50.00	0.00037
30.00	40.00	0.00050	30.00	30.00	0.00071
30.00	25.00	0.00088	30.00	20.00	0.00113
30.00	17.00	0.00133	30.00	15.00	0.00150
30.00	13.00	0.00170	30.00	11.00	0.00194
30.00	9.00	0.00224	30.00	-9.00	0.00777
30.00	-11.00	0.00748	30.00	-13.00	0.00724
30.00	-15.00	0.00702	30.00	-17.00	0.00679
30.00	-20.00	0.00645	30.00	-25.00	0.00589
30.00	-30.00	0.00535	30.00	-40.00	0.00438
30.00	-50.00	0.00353	30.00	-60.00	0.00284
30.00	-70.00	0.00229	30.00	-80.00	0.00186
30.00	-90.00	0.00153	30.00	-100.00	0.00127
40.00	100.00	0.00012	40.00	90.00	0.00014
40.00	80.00	0.00016	40.00	70.00	0.00020
40.00	60.00	0.00025	40.00	50.00	0.00031
40.00	40.00	0.00041	40.00	30.00	0.00057
40.00	25.00	0.00070	40.00	20.00	0.00089

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00104	40.00	15.00	0.00117

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00134	40.00	11.00	0.00155
40.00	9.00	0.00183	40.00	-9.00	0.00777
40.00	-11.00	0.00751	40.00	-13.00	0.00725
40.00	-15.00	0.00704	40.00	-17.00	0.00683
40.00	-20.00	0.00650	40.00	-25.00	0.00595
40.00	-30.00	0.00544	40.00	-40.00	0.00450
40.00	-50.00	0.00369	40.00	-60.00	0.00300
40.00	-70.00	0.00244	40.00	-80.00	0.00200
40.00	-90.00	0.00165	40.00	-100.00	0.00138
50.00	100.00	0.00011	50.00	90.00	0.00013
50.00	80.00	0.00015	50.00	70.00	0.00018
50.00	60.00	0.00022	50.00	50.00	0.00028
50.00	40.00	0.00037	50.00	30.00	0.00051
50.00	25.00	0.00062	50.00	20.00	0.00079
50.00	17.00	0.00092	50.00	15.00	0.00104
50.00	13.00	0.00118	50.00	11.00	0.00135
50.00	9.00	0.00158	50.00	-9.00	0.00685
50.00	-11.00	0.00686	50.00	-13.00	0.00675
50.00	-15.00	0.00660	50.00	-17.00	0.00646
50.00	-20.00	0.00620	50.00	-25.00	0.00575
50.00	-30.00	0.00529	50.00	-40.00	0.00445
50.00	-50.00	0.00370	50.00	-60.00	0.00306
50.00	-70.00	0.00253	50.00	-80.00	0.00209
50.00	-90.00	0.00174	50.00	-100.00	0.00145
60.00	100.00	0.00010	60.00	90.00	0.00012
60.00	80.00	0.00014	60.00	70.00	0.00017
60.00	60.00	0.00021	60.00	50.00	0.00026
60.00	40.00	0.00034	60.00	30.00	0.00047
60.00	25.00	0.00058	60.00	20.00	0.00073
60.00	17.00	0.00085	60.00	15.00	0.00095
60.00	13.00	0.00108	60.00	11.00	0.00123
60.00	9.00	0.00142	60.00	-9.00	0.00469
60.00	-11.00	0.00495	60.00	-13.00	0.00514
60.00	-15.00	0.00526	60.00	-17.00	0.00531
60.00	-20.00	0.00529	60.00	-25.00	0.00511
60.00	-30.00	0.00481	60.00	-40.00	0.00418
60.00	-50.00	0.00356	60.00	-60.00	0.00301
60.00	-70.00	0.00253	60.00	-80.00	0.00212
60.00	-90.00	0.00178	60.00	-100.00	0.00150

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00010	70.00	90.00	0.00011	
70.00	80.00	0.00013	70.00	70.00	0.00016	
70.00	60.00	0.00020	70.00	50.00	0.00024	
70.00	40.00	0.00032	70.00	30.00	0.00044	
70.00	25.00	0.00053	70.00	20.00	0.00066	
70.00	17.00	0.00077	70.00	15.00	0.00086	
70.00	13.00	0.00097	70.00	11.00	0.00109	
70.00	9.00	0.00123	70.00	-9.00	0.00323	
70.00	-11.00	0.00344	70.00	-13.00	0.00362	
70.00	-15.00	0.00377	70.00	-17.00	0.00390	
70.00	-20.00	0.00403	70.00	-25.00	0.00412	
70.00	-30.00	0.00407	70.00	-40.00	0.00374	
70.00	-50.00	0.00330	70.00	-60.00	0.00286	
70.00	-70.00	0.00245	70.00	-80.00	0.00209	
70.00	-90.00	0.00178	70.00	-100.00	0.00152	
80.00	100.00	0.00009	80.00	90.00	0.00011	
80.00	80.00	0.00013	80.00	70.00	0.00015	
80.00	60.00	0.00018	80.00	50.00	0.00023	
80.00	40.00	0.00029	80.00	30.00	0.00040	
80.00	25.00	0.00049	80.00	20.00	0.00060	
80.00	17.00	0.00069	80.00	15.00	0.00077	
80.00	13.00	0.00085	80.00	11.00	0.00094	
80.00	9.00	0.00104	80.00	-9.00	0.00234	
80.00	-11.00	0.00249	80.00	-13.00	0.00262	
80.00	-15.00	0.00274	80.00	-17.00	0.00285	
80.00	-20.00	0.00299	80.00	-25.00	0.00316	
80.00	-30.00	0.00324	80.00	-40.00	0.00318	
80.00	-50.00	0.00294	80.00	-60.00	0.00264	
80.00	-70.00	0.00232	80.00	-80.00	0.00202	
80.00	-90.00	0.00175	80.00	-100.00	0.00151	
90.00	100.00	0.00009	90.00	90.00	0.00010	
90.00	80.00	0.00012	90.00	70.00	0.00014	
90.00	60.00	0.00017	90.00	50.00	0.00021	
90.00	40.00	0.00027	90.00	30.00	0.00037	
90.00	25.00	0.00044	90.00	20.00	0.00055	
90.00	17.00	0.00062	90.00	15.00	0.00068	
90.00	13.00	0.00074	90.00	11.00	0.00081	
90.00	9.00	0.00088	90.00	-9.00	0.00176	
90.00	-11.00	0.00187	90.00	-13.00	0.00197	

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00 -15.00 0.00206 90.00 -17.00 0.00215

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00226	90.00	-25.00	0.00241
90.00	-30.00	0.00253	90.00	-40.00	0.00262
90.00	-50.00	0.00254	90.00	-60.00	0.00236
90.00	-70.00	0.00214	90.00	-80.00	0.00191
90.00	-90.00	0.00168	90.00	-100.00	0.00148
100.00	100.00	0.00009	100.00	90.00	0.00010
100.00	80.00	0.00011	100.00	70.00	0.00013
100.00	60.00	0.00016	100.00	50.00	0.00020
100.00	40.00	0.00025	100.00	30.00	0.00034
100.00	25.00	0.00041	100.00	20.00	0.00049
100.00	17.00	0.00055	100.00	15.00	0.00060
100.00	13.00	0.00065	100.00	11.00	0.00070
100.00	9.00	0.00075	100.00	-9.00	0.00137
100.00	-11.00	0.00145	100.00	-13.00	0.00153
100.00	-15.00	0.00160	100.00	-17.00	0.00167
100.00	-20.00	0.00176	100.00	-25.00	0.00188
100.00	-30.00	0.00198	100.00	-40.00	0.00211
100.00	-50.00	0.00214	100.00	-60.00	0.00206
100.00	-70.00	0.00193	100.00	-80.00	0.00176
100.00	-90.00	0.00159	100.00	-100.00	0.00142
110.00	100.00	0.00008	110.00	90.00	0.00009
110.00	80.00	0.00011	110.00	70.00	0.00012
110.00	60.00	0.00015	110.00	50.00	0.00018
110.00	40.00	0.00023	110.00	30.00	0.00032
110.00	25.00	0.00037	110.00	20.00	0.00044
110.00	17.00	0.00049	110.00	15.00	0.00053
110.00	13.00	0.00056	110.00	11.00	0.00060
110.00	9.00	0.00064	110.00	-9.00	0.00110
110.00	-11.00	0.00116	110.00	-13.00	0.00121
110.00	-15.00	0.00127	110.00	-17.00	0.00132
110.00	-20.00	0.00140	110.00	-25.00	0.00150
110.00	-30.00	0.00159	110.00	-40.00	0.00171
110.00	-50.00	0.00178	110.00	-60.00	0.00177



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00171	110.00	-80.00	0.00160
110.00	-90.00	0.00148	110.00	-100.00	0.00134
120.00	100.00	0.00008	120.00	90.00	0.00009
120.00	80.00	0.00010	120.00	70.00	0.00012
120.00	60.00	0.00014	120.00	50.00	0.00017
120.00	40.00	0.00022	120.00	30.00	0.00029
120.00	25.00	0.00034	120.00	20.00	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00044	120.00	15.00	0.00046
120.00	13.00	0.00049	120.00	11.00	0.00052
120.00	9.00	0.00055	120.00	-9.00	0.00090
120.00	-11.00	0.00094	120.00	-13.00	0.00099
120.00	-15.00	0.00103	120.00	-17.00	0.00107
120.00	-20.00	0.00113	120.00	-25.00	0.00122
120.00	-30.00	0.00130	120.00	-40.00	0.00141
120.00	-50.00	0.00148	120.00	-60.00	0.00151
120.00	-70.00	0.00149	120.00	-80.00	0.00144
120.00	-90.00	0.00135	120.00	-100.00	0.00125
130.00	100.00	0.00007	130.00	90.00	0.00008
130.00	80.00	0.00009	130.00	70.00	0.00011
130.00	60.00	0.00013	130.00	50.00	0.00016
130.00	40.00	0.00020	130.00	30.00	0.00027
130.00	25.00	0.00031	130.00	20.00	0.00036
130.00	17.00	0.00039	130.00	15.00	0.00041
130.00	13.00	0.00043	130.00	11.00	0.00046
130.00	9.00	0.00048	130.00	-9.00	0.00075
130.00	-11.00	0.00078	130.00	-13.00	0.00082
130.00	-15.00	0.00085	130.00	-17.00	0.00089
130.00	-20.00	0.00094	130.00	-25.00	0.00101
130.00	-30.00	0.00107	130.00	-40.00	0.00117
130.00	-50.00	0.00124	130.00	-60.00	0.00128
130.00	-70.00	0.00130	130.00	-80.00	0.00127
130.00	-90.00	0.00122	130.00	-100.00	0.00116
140.00	100.00	0.00007	140.00	90.00	0.00008
140.00	80.00	0.00009	140.00	70.00	0.00010

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00012	140.00	50.00	0.00015
140.00	40.00	0.00019	140.00	30.00	0.00025
140.00	25.00	0.00028	140.00	20.00	0.00032
140.00	17.00	0.00035	140.00	15.00	0.00037
140.00	13.00	0.00038	140.00	11.00	0.00040
140.00	9.00	0.00042	140.00	-9.00	0.00063
140.00	-11.00	0.00066	140.00	-13.00	0.00069
140.00	-15.00	0.00072	140.00	-17.00	0.00074
140.00	-20.00	0.00079	140.00	-25.00	0.00085
140.00	-30.00	0.00090	140.00	-40.00	0.00099
140.00	-50.00	0.00105	140.00	-60.00	0.00109
140.00	-70.00	0.00112	140.00	-80.00	0.00112
140.00	-90.00	0.00110	140.00	-100.00	0.00106

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00007	150.00	90.00	0.00007
150.00	80.00	0.00008	150.00	70.00	0.00010
150.00	60.00	0.00012	150.00	50.00	0.00014
150.00	40.00	0.00018	150.00	30.00	0.00023
150.00	25.00	0.00026	150.00	20.00	0.00029
150.00	17.00	0.00031	150.00	15.00	0.00033
150.00	13.00	0.00034	150.00	11.00	0.00036
150.00	9.00	0.00037	150.00	-9.00	0.00054
150.00	-11.00	0.00057	150.00	-13.00	0.00059
150.00	-15.00	0.00061	150.00	-17.00	0.00063
150.00	-20.00	0.00067	150.00	-25.00	0.00072
150.00	-30.00	0.00077	150.00	-40.00	0.00084
150.00	-50.00	0.00090	150.00	-60.00	0.00094
150.00	-70.00	0.00097	150.00	-80.00	0.00098
150.00	-90.00	0.00098	150.00	-100.00	0.00096
160.00	100.00	0.00006	160.00	90.00	0.00007
160.00	80.00	0.00008	160.00	70.00	0.00009
160.00	60.00	0.00011	160.00	50.00	0.00014
160.00	40.00	0.00017	160.00	30.00	0.00021
160.00	25.00	0.00024	160.00	20.00	0.00027
160.00	17.00	0.00028	160.00	15.00	0.00029

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00031	160.00	11.00	0.00032
160.00	9.00	0.00033	160.00	-9.00	0.00047
160.00	-11.00	0.00049	160.00	-13.00	0.00051
160.00	-15.00	0.00053	160.00	-17.00	0.00055
160.00	-20.00	0.00057	160.00	-25.00	0.00062
160.00	-30.00	0.00066	160.00	-40.00	0.00072
160.00	-50.00	0.00077	160.00	-60.00	0.00081
160.00	-70.00	0.00084	160.00	-80.00	0.00086
160.00	-90.00	0.00087	160.00	-100.00	0.00086
170.00	100.00	0.00006	170.00	90.00	0.00007
170.00	80.00	0.00008	170.00	70.00	0.00009
170.00	60.00	0.00011	170.00	50.00	0.00013
170.00	40.00	0.00016	170.00	30.00	0.00020
170.00	25.00	0.00022	170.00	20.00	0.00024
170.00	17.00	0.00026	170.00	15.00	0.00027
170.00	13.00	0.00028	170.00	11.00	0.00029
170.00	9.00	0.00030	170.00	-9.00	0.00041
170.00	-11.00	0.00043	170.00	-13.00	0.00044
170.00	-15.00	0.00046	170.00	-17.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00050	170.00	-25.00	0.00054
170.00	-30.00	0.00057	170.00	-40.00	0.00063
170.00	-50.00	0.00067	170.00	-60.00	0.00071
170.00	-70.00	0.00074	170.00	-80.00	0.00076
170.00	-90.00	0.00077	170.00	-100.00	0.00077
180.00	100.00	0.00006	180.00	90.00	0.00006
180.00	80.00	0.00007	180.00	70.00	0.00008
180.00	60.00	0.00010	180.00	50.00	0.00012
180.00	40.00	0.00015	180.00	30.00	0.00018
180.00	25.00	0.00020	180.00	20.00	0.00022
180.00	17.00	0.00023	180.00	15.00	0.00024
180.00	13.00	0.00025	180.00	11.00	0.00026
180.00	9.00	0.00027	180.00	-9.00	0.00037
180.00	-11.00	0.00038	180.00	-13.00	0.00039
180.00	-15.00	0.00040	180.00	-17.00	0.00042

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00044	180.00	-25.00	0.00047
180.00	-30.00	0.00050	180.00	-40.00	0.00055
180.00	-50.00	0.00059	180.00	-60.00	0.00062
180.00	-70.00	0.00065	180.00	-80.00	0.00067
180.00	-90.00	0.00068	180.00	-100.00	0.00069
190.00	100.00	0.00005	190.00	90.00	0.00006
190.00	80.00	0.00007	190.00	70.00	0.00008
190.00	60.00	0.00010	190.00	50.00	0.00012
190.00	40.00	0.00014	190.00	30.00	0.00017
190.00	25.00	0.00019	190.00	20.00	0.00020
190.00	17.00	0.00021	190.00	15.00	0.00022
190.00	13.00	0.00023	190.00	11.00	0.00024
190.00	9.00	0.00024	190.00	-9.00	0.00033
190.00	-11.00	0.00034	190.00	-13.00	0.00035
190.00	-15.00	0.00036	190.00	-17.00	0.00037
190.00	-20.00	0.00038	190.00	-25.00	0.00041
190.00	-30.00	0.00044	190.00	-40.00	0.00049
190.00	-50.00	0.00052	190.00	-60.00	0.00055
190.00	-70.00	0.00057	190.00	-80.00	0.00059
190.00	-90.00	0.00061	190.00	-100.00	0.00062
200.00	100.00	0.00005	200.00	90.00	0.00006
200.00	80.00	0.00007	200.00	70.00	0.00008
200.00	60.00	0.00009	200.00	50.00	0.00011
200.00	40.00	0.00013	200.00	30.00	0.00016
200.00	25.00	0.00017	200.00	20.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00020	200.00	15.00	0.00020
200.00	13.00	0.00021	200.00	11.00	0.00021
200.00	9.00	0.00022	200.00	-9.00	0.00029
200.00	-11.00	0.00030	200.00	-13.00	0.00031
200.00	-15.00	0.00032	200.00	-17.00	0.00033
200.00	-20.00	0.00034	200.00	-25.00	0.00037
200.00	-30.00	0.00039	200.00	-40.00	0.00043
200.00	-50.00	0.00047	200.00	-60.00	0.00049
200.00	-70.00	0.00051	200.00	-80.00	0.00053

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00055	200.00	-100.00	0.00056
210.00	100.00	0.00005	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00008
210.00	60.00	0.00009	210.00	50.00	0.00011
210.00	40.00	0.00012	210.00	30.00	0.00015
210.00	25.00	0.00016	210.00	20.00	0.00017
210.00	17.00	0.00018	210.00	15.00	0.00019
210.00	13.00	0.00019	210.00	11.00	0.00020
210.00	9.00	0.00020	210.00	-9.00	0.00026
210.00	-11.00	0.00027	210.00	-13.00	0.00028
210.00	-15.00	0.00029	210.00	-17.00	0.00029
210.00	-20.00	0.00031	210.00	-25.00	0.00033
210.00	-30.00	0.00035	210.00	-40.00	0.00039
210.00	-50.00	0.00042	210.00	-60.00	0.00044
210.00	-70.00	0.00046	210.00	-80.00	0.00048
210.00	-90.00	0.00049	210.00	-100.00	0.00050
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00006	220.00	70.00	0.00007
220.00	60.00	0.00008	220.00	50.00	0.00010
220.00	40.00	0.00012	220.00	30.00	0.00014
220.00	25.00	0.00015	220.00	20.00	0.00016
220.00	17.00	0.00017	220.00	15.00	0.00017
220.00	13.00	0.00018	220.00	11.00	0.00018
220.00	9.00	0.00019	220.00	-9.00	0.00024
220.00	-11.00	0.00024	220.00	-13.00	0.00025
220.00	-15.00	0.00026	220.00	-17.00	0.00027
220.00	-20.00	0.00028	220.00	-25.00	0.00029
220.00	-30.00	0.00031	220.00	-40.00	0.00035
220.00	-50.00	0.00037	220.00	-60.00	0.00040
220.00	-70.00	0.00041	220.00	-80.00	0.00043
220.00	-90.00	0.00044	220.00	-100.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00006	230.00	70.00	0.00007
230.00	60.00	0.00008	230.00	50.00	0.00010

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00011	230.00	30.00	0.00013
230.00	25.00	0.00014	230.00	20.00	0.00015
230.00	17.00	0.00015	230.00	15.00	0.00016
230.00	13.00	0.00016	230.00	11.00	0.00017
230.00	9.00	0.00017	230.00	-9.00	0.00022
230.00	-11.00	0.00022	230.00	-13.00	0.00023
230.00	-15.00	0.00023	230.00	-17.00	0.00024
230.00	-20.00	0.00025	230.00	-25.00	0.00027
230.00	-30.00	0.00028	230.00	-40.00	0.00031
230.00	-50.00	0.00034	230.00	-60.00	0.00036
230.00	-70.00	0.00038	230.00	-80.00	0.00039
230.00	-90.00	0.00040	230.00	-100.00	0.00041
240.00	100.00	0.00004	240.00	90.00	0.00005
240.00	80.00	0.00006	240.00	70.00	0.00007
240.00	60.00	0.00008	240.00	50.00	0.00009
240.00	40.00	0.00010	240.00	30.00	0.00012
240.00	25.00	0.00013	240.00	20.00	0.00014
240.00	17.00	0.00014	240.00	15.00	0.00015
240.00	13.00	0.00015	240.00	11.00	0.00015
240.00	9.00	0.00016	240.00	-9.00	0.00020
240.00	-11.00	0.00020	240.00	-13.00	0.00021
240.00	-15.00	0.00021	240.00	-17.00	0.00022
240.00	-20.00	0.00023	240.00	-25.00	0.00024
240.00	-30.00	0.00026	240.00	-40.00	0.00028
240.00	-50.00	0.00031	240.00	-60.00	0.00033
240.00	-70.00	0.00034	240.00	-80.00	0.00035
240.00	-90.00	0.00036	240.00	-100.00	0.00037
250.00	100.00	0.00004	250.00	90.00	0.00005
250.00	80.00	0.00006	250.00	70.00	0.00006
250.00	60.00	0.00007	250.00	50.00	0.00009
250.00	40.00	0.00010	250.00	30.00	0.00011
250.00	25.00	0.00012	250.00	20.00	0.00013
250.00	17.00	0.00013	250.00	15.00	0.00014
250.00	13.00	0.00014	250.00	11.00	0.00014
250.00	9.00	0.00015	250.00	-9.00	0.00018
250.00	-11.00	0.00019	250.00	-13.00	0.00019
250.00	-15.00	0.00020	250.00	-17.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00021	250.00	-25.00	0.00022
250.00	-30.00	0.00023	250.00	-40.00	0.00026
250.00	-50.00	0.00028	250.00	-60.00	0.00030
250.00	-70.00	0.00031	250.00	-80.00	0.00032
250.00	-90.00	0.00033	250.00	-100.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00018	-250.00	90.00	0.00019
-250.00	80.00	0.00020	-250.00	70.00	0.00021
-250.00	60.00	0.00022	-250.00	50.00	0.00022
-250.00	40.00	0.00023	-250.00	30.00	0.00022
-250.00	25.00	0.00021	-250.00	20.00	0.00020
-250.00	17.00	0.00020	-250.00	15.00	0.00019
-250.00	13.00	0.00019	-250.00	11.00	0.00019
-250.00	9.00	0.00018	-250.00	-9.00	0.00017
-250.00	-11.00	0.00016	-250.00	-13.00	0.00016
-250.00	-15.00	0.00016	-250.00	-17.00	0.00016
-250.00	-20.00	0.00016	-250.00	-25.00	0.00016
-250.00	-30.00	0.00015	-250.00	-40.00	0.00015
-250.00	-50.00	0.00014	-250.00	-60.00	0.00013
-250.00	-70.00	0.00012	-250.00	-80.00	0.00011
-250.00	-90.00	0.00010	-250.00	-100.00	0.00010
-240.00	100.00	0.00020	-240.00	90.00	0.00021
-240.00	80.00	0.00022	-240.00	70.00	0.00023
-240.00	60.00	0.00024	-240.00	50.00	0.00025
-240.00	40.00	0.00026	-240.00	30.00	0.00025
-240.00	25.00	0.00024	-240.00	20.00	0.00023
-240.00	17.00	0.00022	-240.00	15.00	0.00022
-240.00	13.00	0.00022	-240.00	11.00	0.00021
-240.00	9.00	0.00021	-240.00	-9.00	0.00019
-240.00	-11.00	0.00019	-240.00	-13.00	0.00018
-240.00	-15.00	0.00018	-240.00	-17.00	0.00018
-240.00	-20.00	0.00018	-240.00	-25.00	0.00018

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00017	-240.00	-40.00	0.00016
-240.00	-50.00	0.00015	-240.00	-60.00	0.00014
-240.00	-70.00	0.00013	-240.00	-80.00	0.00012
-240.00	-90.00	0.00011	-240.00	-100.00	0.00011
-230.00	100.00	0.00022	-230.00	90.00	0.00023
-230.00	80.00	0.00024	-230.00	70.00	0.00025
-230.00	60.00	0.00027	-230.00	50.00	0.00028
-230.00	40.00	0.00029	-230.00	30.00	0.00029
-230.00	25.00	0.00028	-230.00	20.00	0.00027
-230.00	17.00	0.00026	-230.00	15.00	0.00025
-230.00	13.00	0.00025	-230.00	11.00	0.00024
-230.00	9.00	0.00024	-230.00	-9.00	0.00021
-230.00	-11.00	0.00021	-230.00	-13.00	0.00021
-230.00	-15.00	0.00021	-230.00	-17.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00020	-230.00	-25.00	0.00020
-230.00	-30.00	0.00019	-230.00	-40.00	0.00018
-230.00	-50.00	0.00016	-230.00	-60.00	0.00015
-230.00	-70.00	0.00014	-230.00	-80.00	0.00013
-230.00	-90.00	0.00012	-230.00	-100.00	0.00011
-220.00	100.00	0.00024	-220.00	90.00	0.00026
-220.00	80.00	0.00027	-220.00	70.00	0.00029
-220.00	60.00	0.00030	-220.00	50.00	0.00031
-220.00	40.00	0.00033	-220.00	30.00	0.00033
-220.00	25.00	0.00032	-220.00	20.00	0.00031
-220.00	17.00	0.00030	-220.00	15.00	0.00030
-220.00	13.00	0.00029	-220.00	11.00	0.00028
-220.00	9.00	0.00028	-220.00	-9.00	0.00024
-220.00	-11.00	0.00024	-220.00	-13.00	0.00024
-220.00	-15.00	0.00023	-220.00	-17.00	0.00023
-220.00	-20.00	0.00023	-220.00	-25.00	0.00022
-220.00	-30.00	0.00022	-220.00	-40.00	0.00020
-220.00	-50.00	0.00018	-220.00	-60.00	0.00016
-220.00	-70.00	0.00015	-220.00	-80.00	0.00014
-220.00	-90.00	0.00013	-220.00	-100.00	0.00013



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00026	-210.00	90.00	0.00029
-210.00	80.00	0.00031	-210.00	70.00	0.00032
-210.00	60.00	0.00034	-210.00	50.00	0.00036
-210.00	40.00	0.00038	-210.00	30.00	0.00039
-210.00	25.00	0.00038	-210.00	20.00	0.00037
-210.00	17.00	0.00036	-210.00	15.00	0.00035
-210.00	13.00	0.00034	-210.00	11.00	0.00033
-210.00	9.00	0.00032	-210.00	-9.00	0.00028
-210.00	-11.00	0.00027	-210.00	-13.00	0.00027
-210.00	-15.00	0.00027	-210.00	-17.00	0.00027
-210.00	-20.00	0.00026	-210.00	-25.00	0.00025
-210.00	-30.00	0.00024	-210.00	-40.00	0.00022
-210.00	-50.00	0.00020	-210.00	-60.00	0.00018
-210.00	-70.00	0.00017	-210.00	-80.00	0.00016
-210.00	-90.00	0.00015	-210.00	-100.00	0.00014
-200.00	100.00	0.00028	-200.00	90.00	0.00031
-200.00	80.00	0.00034	-200.00	70.00	0.00037
-200.00	60.00	0.00039	-200.00	50.00	0.00041
-200.00	40.00	0.00043	-200.00	30.00	0.00045
-200.00	25.00	0.00045	-200.00	20.00	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00043	-200.00	15.00	0.00042
-200.00	13.00	0.00041	-200.00	11.00	0.00039
-200.00	9.00	0.00038	-200.00	-9.00	0.00032
-200.00	-11.00	0.00032	-200.00	-13.00	0.00031
-200.00	-15.00	0.00031	-200.00	-17.00	0.00031
-200.00	-20.00	0.00030	-200.00	-25.00	0.00029
-200.00	-30.00	0.00027	-200.00	-40.00	0.00025
-200.00	-50.00	0.00022	-200.00	-60.00	0.00020
-200.00	-70.00	0.00019	-200.00	-80.00	0.00017
-200.00	-90.00	0.00016	-200.00	-100.00	0.00016
-190.00	100.00	0.00030	-190.00	90.00	0.00034
-190.00	80.00	0.00037	-190.00	70.00	0.00041
-190.00	60.00	0.00045	-190.00	50.00	0.00048
-190.00	40.00	0.00051	-190.00	30.00	0.00053

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00053	-190.00	20.00	0.00053
-190.00	17.00	0.00052	-190.00	15.00	0.00050
-190.00	13.00	0.00049	-190.00	11.00	0.00048
-190.00	9.00	0.00046	-190.00	-9.00	0.00038
-190.00	-11.00	0.00037	-190.00	-13.00	0.00037
-190.00	-15.00	0.00036	-190.00	-17.00	0.00035
-190.00	-20.00	0.00035	-190.00	-25.00	0.00033
-190.00	-30.00	0.00031	-190.00	-40.00	0.00028
-190.00	-50.00	0.00025	-190.00	-60.00	0.00023
-190.00	-70.00	0.00021	-190.00	-80.00	0.00020
-190.00	-90.00	0.00019	-190.00	-100.00	0.00018
-180.00	100.00	0.00031	-180.00	90.00	0.00036
-180.00	80.00	0.00040	-180.00	70.00	0.00046
-180.00	60.00	0.00051	-180.00	50.00	0.00056
-180.00	40.00	0.00060	-180.00	30.00	0.00063
-180.00	25.00	0.00064	-180.00	20.00	0.00064
-180.00	17.00	0.00063	-180.00	15.00	0.00062
-180.00	13.00	0.00061	-180.00	11.00	0.00059
-180.00	9.00	0.00057	-180.00	-9.00	0.00044
-180.00	-11.00	0.00044	-180.00	-13.00	0.00043
-180.00	-15.00	0.00042	-180.00	-17.00	0.00041
-180.00	-20.00	0.00040	-180.00	-25.00	0.00037
-180.00	-30.00	0.00035	-180.00	-40.00	0.00032
-180.00	-50.00	0.00028	-180.00	-60.00	0.00026
-180.00	-70.00	0.00024	-180.00	-80.00	0.00023
-180.00	-90.00	0.00022	-180.00	-100.00	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00032	-170.00	90.00	0.00037
-170.00	80.00	0.00043	-170.00	70.00	0.00050
-170.00	60.00	0.00057	-170.00	50.00	0.00065
-170.00	40.00	0.00072	-170.00	30.00	0.00077
-170.00	25.00	0.00078	-170.00	20.00	0.00078
-170.00	17.00	0.00078	-170.00	15.00	0.00077
-170.00	13.00	0.00076	-170.00	11.00	0.00074
-170.00	9.00	0.00071	-170.00	-9.00	0.00053

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00051	-170.00	-13.00	0.00050
-170.00	-15.00	0.00049	-170.00	-17.00	0.00048
-170.00	-20.00	0.00046	-170.00	-25.00	0.00043
-170.00	-30.00	0.00040	-170.00	-40.00	0.00036
-170.00	-50.00	0.00033	-170.00	-60.00	0.00031
-170.00	-70.00	0.00029	-170.00	-80.00	0.00027
-170.00	-90.00	0.00025	-170.00	-100.00	0.00023
-160.00	100.00	0.00032	-160.00	90.00	0.00038
-160.00	80.00	0.00045	-160.00	70.00	0.00053
-160.00	60.00	0.00062	-160.00	50.00	0.00073
-160.00	40.00	0.00084	-160.00	30.00	0.00094
-160.00	25.00	0.00097	-160.00	20.00	0.00098
-160.00	17.00	0.00098	-160.00	15.00	0.00097
-160.00	13.00	0.00096	-160.00	11.00	0.00094
-160.00	9.00	0.00091	-160.00	-9.00	0.00062
-160.00	-11.00	0.00061	-160.00	-13.00	0.00059
-160.00	-15.00	0.00057	-160.00	-17.00	0.00055
-160.00	-20.00	0.00053	-160.00	-25.00	0.00050
-160.00	-30.00	0.00047	-160.00	-40.00	0.00042
-160.00	-50.00	0.00039	-160.00	-60.00	0.00037
-160.00	-70.00	0.00034	-160.00	-80.00	0.00032
-160.00	-90.00	0.00029	-160.00	-100.00	0.00027
-150.00	100.00	0.00031	-150.00	90.00	0.00038
-150.00	80.00	0.00045	-150.00	70.00	0.00054
-150.00	60.00	0.00066	-150.00	50.00	0.00079
-150.00	40.00	0.00095	-150.00	30.00	0.00112
-150.00	25.00	0.00121	-150.00	20.00	0.00126
-150.00	17.00	0.00127	-150.00	15.00	0.00127
-150.00	13.00	0.00126	-150.00	11.00	0.00124
-150.00	9.00	0.00120	-150.00	-9.00	0.00074
-150.00	-11.00	0.00071	-150.00	-13.00	0.00069
-150.00	-15.00	0.00067	-150.00	-17.00	0.00065

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00062	-150.00	-25.00	0.00059
-150.00	-30.00	0.00057	-150.00	-40.00	0.00052

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00048	-150.00	-60.00	0.00045
-150.00	-70.00	0.00041	-150.00	-80.00	0.00038
-150.00	-90.00	0.00034	-150.00	-100.00	0.00032
-140.00	100.00	0.00030	-140.00	90.00	0.00036
-140.00	80.00	0.00044	-140.00	70.00	0.00054
-140.00	60.00	0.00067	-140.00	50.00	0.00082
-140.00	40.00	0.00101	-140.00	30.00	0.00125
-140.00	25.00	0.00139	-140.00	20.00	0.00152
-140.00	17.00	0.00159	-140.00	15.00	0.00163
-140.00	13.00	0.00166	-140.00	11.00	0.00168
-140.00	9.00	0.00168	-140.00	-9.00	0.00091
-140.00	-11.00	0.00088	-140.00	-13.00	0.00085
-140.00	-15.00	0.00083	-140.00	-17.00	0.00081
-140.00	-20.00	0.00079	-140.00	-25.00	0.00076
-140.00	-30.00	0.00073	-140.00	-40.00	0.00067
-140.00	-50.00	0.00061	-140.00	-60.00	0.00056
-140.00	-70.00	0.00050	-140.00	-80.00	0.00046
-140.00	-90.00	0.00041	-140.00	-100.00	0.00038
-130.00	100.00	0.00028	-130.00	90.00	0.00034
-130.00	80.00	0.00042	-130.00	70.00	0.00053
-130.00	60.00	0.00066	-130.00	50.00	0.00082
-130.00	40.00	0.00103	-130.00	30.00	0.00129
-130.00	25.00	0.00145	-130.00	20.00	0.00162
-130.00	17.00	0.00172	-130.00	15.00	0.00178
-130.00	13.00	0.00184	-130.00	11.00	0.00191
-130.00	9.00	0.00198	-130.00	-9.00	0.00189
-130.00	-11.00	0.00166	-130.00	-13.00	0.00151
-130.00	-15.00	0.00141	-130.00	-17.00	0.00133
-130.00	-20.00	0.00125	-130.00	-25.00	0.00114
-130.00	-30.00	0.00106	-130.00	-40.00	0.00093
-130.00	-50.00	0.00082	-130.00	-60.00	0.00072
-130.00	-70.00	0.00064	-130.00	-80.00	0.00057
-130.00	-90.00	0.00050	-130.00	-100.00	0.00045
-120.00	100.00	0.00026	-120.00	90.00	0.00032
-120.00	80.00	0.00039	-120.00	70.00	0.00049
-120.00	60.00	0.00063	-120.00	50.00	0.00080
-120.00	40.00	0.00101	-120.00	30.00	0.00129
-120.00	25.00	0.00146	-120.00	20.00	0.00166

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\*

10NCRA PL97-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00177	-120.00	15.00	0.00185
-120.00	13.00	0.00194	-120.00	11.00	0.00203
-120.00	9.00	0.00214	-120.00	-9.00	0.00408
-120.00	-11.00	0.00359	-120.00	-13.00	0.00319
-120.00	-15.00	0.00286	-120.00	-17.00	0.00259
-120.00	-20.00	0.00228	-120.00	-25.00	0.00192
-120.00	-30.00	0.00168	-120.00	-40.00	0.00136
-120.00	-50.00	0.00114	-120.00	-60.00	0.00096
-120.00	-70.00	0.00082	-120.00	-80.00	0.00071
-120.00	-90.00	0.00062	-120.00	-100.00	0.00055
-110.00	100.00	0.00023	-110.00	90.00	0.00029
-110.00	80.00	0.00036	-110.00	70.00	0.00045
-110.00	60.00	0.00058	-110.00	50.00	0.00076
-110.00	40.00	0.00098	-110.00	30.00	0.00128
-110.00	25.00	0.00146	-110.00	20.00	0.00167
-110.00	17.00	0.00182	-110.00	15.00	0.00192
-110.00	13.00	0.00202	-110.00	11.00	0.00215
-110.00	9.00	0.00232	-110.00	-9.00	0.00558
-110.00	-11.00	0.00515	-110.00	-13.00	0.00476
-110.00	-15.00	0.00439	-110.00	-17.00	0.00405
-110.00	-20.00	0.00360	-110.00	-25.00	0.00299
-110.00	-30.00	0.00253	-110.00	-40.00	0.00192
-110.00	-50.00	0.00153	-110.00	-60.00	0.00125
-110.00	-70.00	0.00105	-110.00	-80.00	0.00089
-110.00	-90.00	0.00076	-110.00	-100.00	0.00066
-100.00	100.00	0.00021	-100.00	90.00	0.00026
-100.00	80.00	0.00032	-100.00	70.00	0.00040
-100.00	60.00	0.00053	-100.00	50.00	0.00070
-100.00	40.00	0.00093	-100.00	30.00	0.00124
-100.00	25.00	0.00143	-100.00	20.00	0.00166
-100.00	17.00	0.00182	-100.00	15.00	0.00194
-100.00	13.00	0.00208	-100.00	11.00	0.00224
-100.00	9.00	0.00246	-100.00	-9.00	0.00649
-100.00	-11.00	0.00612	-100.00	-13.00	0.00577
-100.00	-15.00	0.00545	-100.00	-17.00	0.00513
-100.00	-20.00	0.00468	-100.00	-25.00	0.00401
-100.00	-30.00	0.00343	-100.00	-40.00	0.00257
-100.00	-50.00	0.00199	-100.00	-60.00	0.00159
-100.00	-70.00	0.00129	-100.00	-80.00	0.00108
-100.00	-90.00	0.00091	-100.00	-100.00	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00018	-90.00	90.00	0.00023
-90.00	80.00	0.00028	-90.00	70.00	0.00035
-90.00	60.00	0.00046	-90.00	50.00	0.00062
-90.00	40.00	0.00085	-90.00	30.00	0.00117
-90.00	25.00	0.00138	-90.00	20.00	0.00162
-90.00	17.00	0.00179	-90.00	15.00	0.00193
-90.00	13.00	0.00209	-90.00	11.00	0.00229
-90.00	9.00	0.00253	-90.00	-9.00	0.00706
-90.00	-11.00	0.00673	-90.00	-13.00	0.00642
-90.00	-15.00	0.00612	-90.00	-17.00	0.00584
-90.00	-20.00	0.00543	-90.00	-25.00	0.00478
-90.00	-30.00	0.00419	-90.00	-40.00	0.00319
-90.00	-50.00	0.00246	-90.00	-60.00	0.00194
-90.00	-70.00	0.00156	-90.00	-80.00	0.00128
-90.00	-90.00	0.00106	-90.00	-100.00	0.00090
-80.00	100.00	0.00016	-80.00	90.00	0.00020
-80.00	80.00	0.00024	-80.00	70.00	0.00031
-80.00	60.00	0.00040	-80.00	50.00	0.00053
-80.00	40.00	0.00074	-80.00	30.00	0.00106
-80.00	25.00	0.00127	-80.00	20.00	0.00153
-80.00	17.00	0.00172	-80.00	15.00	0.00187
-80.00	13.00	0.00205	-80.00	11.00	0.00226
-80.00	9.00	0.00254	-80.00	-9.00	0.00743
-80.00	-11.00	0.00711	-80.00	-13.00	0.00684
-80.00	-15.00	0.00657	-80.00	-17.00	0.00630
-80.00	-20.00	0.00592	-80.00	-25.00	0.00532
-80.00	-30.00	0.00474	-80.00	-40.00	0.00372
-80.00	-50.00	0.00290	-80.00	-60.00	0.00229
-80.00	-70.00	0.00183	-80.00	-80.00	0.00148
-80.00	-90.00	0.00122	-80.00	-100.00	0.00102
-70.00	100.00	0.00014	-70.00	90.00	0.00017
-70.00	80.00	0.00021	-70.00	70.00	0.00026
-70.00	60.00	0.00034	-70.00	50.00	0.00044
-70.00	40.00	0.00061	-70.00	30.00	0.00089

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00110	-70.00	20.00	0.00138
-70.00	17.00	0.00158	-70.00	15.00	0.00174
-70.00	13.00	0.00193	-70.00	11.00	0.00216
-70.00	9.00	0.00245	-70.00	-9.00	0.00765
-70.00	-11.00	0.00735	-70.00	-13.00	0.00710
-70.00	-15.00	0.00686	-70.00	-17.00	0.00661

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00625	-70.00	-25.00	0.00567
-70.00	-30.00	0.00513	-70.00	-40.00	0.00412
-70.00	-50.00	0.00327	-70.00	-60.00	0.00259
-70.00	-70.00	0.00207	-70.00	-80.00	0.00168
-70.00	-90.00	0.00138	-70.00	-100.00	0.00115
-60.00	100.00	0.00013	-60.00	90.00	0.00015
-60.00	80.00	0.00018	-60.00	70.00	0.00022
-60.00	60.00	0.00028	-60.00	50.00	0.00037
-60.00	40.00	0.00050	-60.00	30.00	0.00071
-60.00	25.00	0.00088	-60.00	20.00	0.00113
-60.00	17.00	0.00133	-60.00	15.00	0.00150
-60.00	13.00	0.00170	-60.00	11.00	0.00194
-60.00	9.00	0.00224	-60.00	-9.00	0.00777
-60.00	-11.00	0.00748	-60.00	-13.00	0.00724
-60.00	-15.00	0.00702	-60.00	-17.00	0.00679
-60.00	-20.00	0.00645	-60.00	-25.00	0.00589
-60.00	-30.00	0.00535	-60.00	-40.00	0.00438
-60.00	-50.00	0.00353	-60.00	-60.00	0.00284
-60.00	-70.00	0.00229	-60.00	-80.00	0.00186
-60.00	-90.00	0.00153	-60.00	-100.00	0.00127
-50.00	100.00	0.00012	-50.00	90.00	0.00014
-50.00	80.00	0.00016	-50.00	70.00	0.00020
-50.00	60.00	0.00025	-50.00	50.00	0.00031
-50.00	40.00	0.00041	-50.00	30.00	0.00057
-50.00	25.00	0.00070	-50.00	20.00	0.00089
-50.00	17.00	0.00104	-50.00	15.00	0.00117
-50.00	13.00	0.00134	-50.00	11.00	0.00155
-50.00	9.00	0.00183	-50.00	-9.00	0.00777

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00751	-50.00	-13.00	0.00725
-50.00	-15.00	0.00704	-50.00	-17.00	0.00683
-50.00	-20.00	0.00650	-50.00	-25.00	0.00595
-50.00	-30.00	0.00544	-50.00	-40.00	0.00450
-50.00	-50.00	0.00369	-50.00	-60.00	0.00300
-50.00	-70.00	0.00244	-50.00	-80.00	0.00200
-50.00	-90.00	0.00165	-50.00	-100.00	0.00138
-40.00	100.00	0.00011	-40.00	90.00	0.00013
-40.00	80.00	0.00015	-40.00	70.00	0.00018
-40.00	60.00	0.00022	-40.00	50.00	0.00028
-40.00	40.00	0.00037	-40.00	30.00	0.00051
-40.00	25.00	0.00062	-40.00	20.00	0.00079

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00092	-40.00	15.00	0.00104
-40.00	13.00	0.00118	-40.00	11.00	0.00135
-40.00	9.00	0.00158	-40.00	-9.00	0.00685
-40.00	-11.00	0.00686	-40.00	-13.00	0.00675
-40.00	-15.00	0.00660	-40.00	-17.00	0.00646
-40.00	-20.00	0.00620	-40.00	-25.00	0.00575
-40.00	-30.00	0.00529	-40.00	-40.00	0.00445
-40.00	-50.00	0.00370	-40.00	-60.00	0.00306
-40.00	-70.00	0.00253	-40.00	-80.00	0.00209
-40.00	-90.00	0.00174	-40.00	-100.00	0.00145
-30.00	100.00	0.00010	-30.00	90.00	0.00012
-30.00	80.00	0.00014	-30.00	70.00	0.00017
-30.00	60.00	0.00021	-30.00	50.00	0.00026
-30.00	40.00	0.00034	-30.00	30.00	0.00047
-30.00	25.00	0.00058	-30.00	20.00	0.00073
-30.00	17.00	0.00085	-30.00	15.00	0.00095
-30.00	13.00	0.00108	-30.00	11.00	0.00123
-30.00	9.00	0.00142	-30.00	-9.00	0.00469
-30.00	-11.00	0.00495	-30.00	-13.00	0.00514
-30.00	-15.00	0.00526	-30.00	-17.00	0.00531
-30.00	-20.00	0.00529	-30.00	-25.00	0.00511
-30.00	-30.00	0.00481	-30.00	-40.00	0.00418



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00356	-30.00	-60.00	0.00301
-30.00	-70.00	0.00253	-30.00	-80.00	0.00212
-30.00	-90.00	0.00178	-30.00	-100.00	0.00150
-20.00	100.00	0.00010	-20.00	90.00	0.00011
-20.00	80.00	0.00013	-20.00	70.00	0.00016
-20.00	60.00	0.00020	-20.00	50.00	0.00024
-20.00	40.00	0.00032	-20.00	30.00	0.00044
-20.00	25.00	0.00053	-20.00	20.00	0.00066
-20.00	17.00	0.00077	-20.00	15.00	0.00086
-20.00	13.00	0.00097	-20.00	11.00	0.00109
-20.00	9.00	0.00123	-20.00	-9.00	0.00323
-20.00	-11.00	0.00344	-20.00	-13.00	0.00362
-20.00	-15.00	0.00377	-20.00	-17.00	0.00390
-20.00	-20.00	0.00403	-20.00	-25.00	0.00412
-20.00	-30.00	0.00407	-20.00	-40.00	0.00374
-20.00	-50.00	0.00330	-20.00	-60.00	0.00286
-20.00	-70.00	0.00245	-20.00	-80.00	0.00209
-20.00	-90.00	0.00178	-20.00	-100.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00009	-10.00	90.00	0.00011
-10.00	80.00	0.00013	-10.00	70.00	0.00015
-10.00	60.00	0.00018	-10.00	50.00	0.00023
-10.00	40.00	0.00029	-10.00	30.00	0.00040
-10.00	25.00	0.00049	-10.00	20.00	0.00060
-10.00	17.00	0.00069	-10.00	15.00	0.00077
-10.00	13.00	0.00085	-10.00	11.00	0.00094
-10.00	9.00	0.00104	-10.00	-9.00	0.00234
-10.00	-11.00	0.00249	-10.00	-13.00	0.00262
-10.00	-15.00	0.00274	-10.00	-17.00	0.00285
-10.00	-20.00	0.00299	-10.00	-25.00	0.00316
-10.00	-30.00	0.00324	-10.00	-40.00	0.00318
-10.00	-50.00	0.00294	-10.00	-60.00	0.00264
-10.00	-70.00	0.00232	-10.00	-80.00	0.00202
-10.00	-90.00	0.00175	-10.00	-100.00	0.00151
0.00	100.00	0.00009	0.00	90.00	0.00010

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00012	0.00	70.00	0.00014
0.00	60.00	0.00017	0.00	50.00	0.00021
0.00	40.00	0.00027	0.00	30.00	0.00037
0.00	25.00	0.00044	0.00	20.00	0.00055
0.00	17.00	0.00062	0.00	15.00	0.00068
0.00	13.00	0.00074	0.00	11.00	0.00081
0.00	9.00	0.00088	0.00	-9.00	0.00176
0.00	-11.00	0.00187	0.00	-13.00	0.00197
0.00	-15.00	0.00206	0.00	-17.00	0.00215
0.00	-20.00	0.00226	0.00	-25.00	0.00241
0.00	-30.00	0.00253	0.00	-40.00	0.00262
0.00	-50.00	0.00254	0.00	-60.00	0.00236
0.00	-70.00	0.00214	0.00	-80.00	0.00191
0.00	-90.00	0.00168	0.00	-100.00	0.00148
10.00	100.00	0.00009	10.00	90.00	0.00010
10.00	80.00	0.00011	10.00	70.00	0.00013
10.00	60.00	0.00016	10.00	50.00	0.00020
10.00	40.00	0.00025	10.00	30.00	0.00034
10.00	25.00	0.00041	10.00	20.00	0.00049
10.00	17.00	0.00055	10.00	15.00	0.00060
10.00	13.00	0.00065	10.00	11.00	0.00070
10.00	9.00	0.00075	10.00	-9.00	0.00137
10.00	-11.00	0.00145	10.00	-13.00	0.00153
10.00	-15.00	0.00160	10.00	-17.00	0.00167

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00176	10.00	-25.00	0.00188
10.00	-30.00	0.00198	10.00	-40.00	0.00211
10.00	-50.00	0.00214	10.00	-60.00	0.00206
10.00	-70.00	0.00193	10.00	-80.00	0.00176
10.00	-90.00	0.00159	10.00	-100.00	0.00142
20.00	100.00	0.00008	20.00	90.00	0.00009
20.00	80.00	0.00011	20.00	70.00	0.00012
20.00	60.00	0.00015	20.00	50.00	0.00018
20.00	40.00	0.00023	20.00	30.00	0.00032
20.00	25.00	0.00037	20.00	20.00	0.00044

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00049	20.00	15.00	0.00053
20.00	13.00	0.00056	20.00	11.00	0.00060
20.00	9.00	0.00064	20.00	-9.00	0.00110
20.00	-11.00	0.00116	20.00	-13.00	0.00121
20.00	-15.00	0.00127	20.00	-17.00	0.00132
20.00	-20.00	0.00140	20.00	-25.00	0.00150
20.00	-30.00	0.00159	20.00	-40.00	0.00171
20.00	-50.00	0.00178	20.00	-60.00	0.00177
20.00	-70.00	0.00171	20.00	-80.00	0.00160
20.00	-90.00	0.00148	20.00	-100.00	0.00134
30.00	100.00	0.00008	30.00	90.00	0.00009
30.00	80.00	0.00010	30.00	70.00	0.00012
30.00	60.00	0.00014	30.00	50.00	0.00017
30.00	40.00	0.00022	30.00	30.00	0.00029
30.00	25.00	0.00034	30.00	20.00	0.00040
30.00	17.00	0.00044	30.00	15.00	0.00046
30.00	13.00	0.00049	30.00	11.00	0.00052
30.00	9.00	0.00055	30.00	-9.00	0.00090
30.00	-11.00	0.00094	30.00	-13.00	0.00099
30.00	-15.00	0.00103	30.00	-17.00	0.00107
30.00	-20.00	0.00113	30.00	-25.00	0.00122
30.00	-30.00	0.00130	30.00	-40.00	0.00141
30.00	-50.00	0.00148	30.00	-60.00	0.00151
30.00	-70.00	0.00149	30.00	-80.00	0.00144
30.00	-90.00	0.00135	30.00	-100.00	0.00125
40.00	100.00	0.00007	40.00	90.00	0.00008
40.00	80.00	0.00009	40.00	70.00	0.00011
40.00	60.00	0.00013	40.00	50.00	0.00016
40.00	40.00	0.00020	40.00	30.00	0.00027
40.00	25.00	0.00031	40.00	20.00	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00039	40.00	15.00	0.00041
40.00	13.00	0.00043	40.00	11.00	0.00046
40.00	9.00	0.00048	40.00	-9.00	0.00075
40.00	-11.00	0.00078	40.00	-13.00	0.00082

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00085	40.00	-17.00	0.00089
40.00	-20.00	0.00094	40.00	-25.00	0.00101
40.00	-30.00	0.00107	40.00	-40.00	0.00117
40.00	-50.00	0.00124	40.00	-60.00	0.00128
40.00	-70.00	0.00130	40.00	-80.00	0.00127
40.00	-90.00	0.00122	40.00	-100.00	0.00116
50.00	100.00	0.00007	50.00	90.00	0.00008
50.00	80.00	0.00009	50.00	70.00	0.00010
50.00	60.00	0.00012	50.00	50.00	0.00015
50.00	40.00	0.00019	50.00	30.00	0.00025
50.00	25.00	0.00028	50.00	20.00	0.00032
50.00	17.00	0.00035	50.00	15.00	0.00037
50.00	13.00	0.00038	50.00	11.00	0.00040
50.00	9.00	0.00042	50.00	-9.00	0.00063
50.00	-11.00	0.00066	50.00	-13.00	0.00069
50.00	-15.00	0.00072	50.00	-17.00	0.00074
50.00	-20.00	0.00079	50.00	-25.00	0.00085
50.00	-30.00	0.00090	50.00	-40.00	0.00099
50.00	-50.00	0.00105	50.00	-60.00	0.00109
50.00	-70.00	0.00112	50.00	-80.00	0.00112
50.00	-90.00	0.00110	50.00	-100.00	0.00106
60.00	100.00	0.00007	60.00	90.00	0.00007
60.00	80.00	0.00008	60.00	70.00	0.00010
60.00	60.00	0.00012	60.00	50.00	0.00014
60.00	40.00	0.00018	60.00	30.00	0.00023
60.00	25.00	0.00026	60.00	20.00	0.00029
60.00	17.00	0.00031	60.00	15.00	0.00033
60.00	13.00	0.00034	60.00	11.00	0.00036
60.00	9.00	0.00037	60.00	-9.00	0.00054
60.00	-11.00	0.00057	60.00	-13.00	0.00059
60.00	-15.00	0.00061	60.00	-17.00	0.00063
60.00	-20.00	0.00067	60.00	-25.00	0.00072
60.00	-30.00	0.00077	60.00	-40.00	0.00084
60.00	-50.00	0.00090	60.00	-60.00	0.00094
60.00	-70.00	0.00097	60.00	-80.00	0.00098
60.00	-90.00	0.00098	60.00	-100.00	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00006	70.00	90.00	0.00007
70.00	80.00	0.00008	70.00	70.00	0.00009
70.00	60.00	0.00011	70.00	50.00	0.00014
70.00	40.00	0.00017	70.00	30.00	0.00021
70.00	25.00	0.00024	70.00	20.00	0.00027
70.00	17.00	0.00028	70.00	15.00	0.00029
70.00	13.00	0.00031	70.00	11.00	0.00032
70.00	9.00	0.00033	70.00	-9.00	0.00047
70.00	-11.00	0.00049	70.00	-13.00	0.00051
70.00	-15.00	0.00053	70.00	-17.00	0.00055
70.00	-20.00	0.00057	70.00	-25.00	0.00062
70.00	-30.00	0.00066	70.00	-40.00	0.00072
70.00	-50.00	0.00077	70.00	-60.00	0.00081
70.00	-70.00	0.00084	70.00	-80.00	0.00086
70.00	-90.00	0.00087	70.00	-100.00	0.00086
80.00	100.00	0.00006	80.00	90.00	0.00007
80.00	80.00	0.00008	80.00	70.00	0.00009
80.00	60.00	0.00011	80.00	50.00	0.00013
80.00	40.00	0.00016	80.00	30.00	0.00020
80.00	25.00	0.00022	80.00	20.00	0.00024
80.00	17.00	0.00026	80.00	15.00	0.00027
80.00	13.00	0.00028	80.00	11.00	0.00029
80.00	9.00	0.00030	80.00	-9.00	0.00041
80.00	-11.00	0.00043	80.00	-13.00	0.00044
80.00	-15.00	0.00046	80.00	-17.00	0.00047
80.00	-20.00	0.00050	80.00	-25.00	0.00054
80.00	-30.00	0.00057	80.00	-40.00	0.00063
80.00	-50.00	0.00067	80.00	-60.00	0.00071
80.00	-70.00	0.00074	80.00	-80.00	0.00076
80.00	-90.00	0.00077	80.00	-100.00	0.00077
90.00	100.00	0.00006	90.00	90.00	0.00006
90.00	80.00	0.00007	90.00	70.00	0.00008
90.00	60.00	0.00010	90.00	50.00	0.00012
90.00	40.00	0.00015	90.00	30.00	0.00018
90.00	25.00	0.00020	90.00	20.00	0.00022
90.00	17.00	0.00023	90.00	15.00	0.00024
90.00	13.00	0.00025	90.00	11.00	0.00026
90.00	9.00	0.00027	90.00	-9.00	0.00037
90.00	-11.00	0.00038	90.00	-13.00	0.00039
90.00	-15.00	0.00040	90.00	-17.00	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00044	90.00	-25.00	0.00047
90.00	-30.00	0.00050	90.00	-40.00	0.00055
90.00	-50.00	0.00059	90.00	-60.00	0.00062
90.00	-70.00	0.00065	90.00	-80.00	0.00067
90.00	-90.00	0.00068	90.00	-100.00	0.00069
100.00	100.00	0.00005	100.00	90.00	0.00006
100.00	80.00	0.00007	100.00	70.00	0.00008
100.00	60.00	0.00010	100.00	50.00	0.00012
100.00	40.00	0.00014	100.00	30.00	0.00017
100.00	25.00	0.00019	100.00	20.00	0.00020
100.00	17.00	0.00021	100.00	15.00	0.00022
100.00	13.00	0.00023	100.00	11.00	0.00024
100.00	9.00	0.00024	100.00	-9.00	0.00033
100.00	-11.00	0.00034	100.00	-13.00	0.00035
100.00	-15.00	0.00036	100.00	-17.00	0.00037
100.00	-20.00	0.00038	100.00	-25.00	0.00041
100.00	-30.00	0.00044	100.00	-40.00	0.00049
100.00	-50.00	0.00052	100.00	-60.00	0.00055
100.00	-70.00	0.00057	100.00	-80.00	0.00059
100.00	-90.00	0.00061	100.00	-100.00	0.00062
110.00	100.00	0.00005	110.00	90.00	0.00006
110.00	80.00	0.00007	110.00	70.00	0.00008
110.00	60.00	0.00009	110.00	50.00	0.00011
110.00	40.00	0.00013	110.00	30.00	0.00016
110.00	25.00	0.00017	110.00	20.00	0.00019
110.00	17.00	0.00020	110.00	15.00	0.00020
110.00	13.00	0.00021	110.00	11.00	0.00021
110.00	9.00	0.00022	110.00	-9.00	0.00029
110.00	-11.00	0.00030	110.00	-13.00	0.00031
110.00	-15.00	0.00032	110.00	-17.00	0.00033
110.00	-20.00	0.00034	110.00	-25.00	0.00037
110.00	-30.00	0.00039	110.00	-40.00	0.00043
110.00	-50.00	0.00047	110.00	-60.00	0.00049
110.00	-70.00	0.00051	110.00	-80.00	0.00053
110.00	-90.00	0.00055	110.00	-100.00	0.00056
120.00	100.00	0.00005	120.00	90.00	0.00006

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00006	120.00	70.00	0.00008
120.00	60.00	0.00009	120.00	50.00	0.00011
120.00	40.00	0.00012	120.00	30.00	0.00015
120.00	25.00	0.00016	120.00	20.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00018	120.00	15.00	0.00019
120.00	13.00	0.00019	120.00	11.00	0.00020
120.00	9.00	0.00020	120.00	-9.00	0.00026
120.00	-11.00	0.00027	120.00	-13.00	0.00028
120.00	-15.00	0.00029	120.00	-17.00	0.00029
120.00	-20.00	0.00031	120.00	-25.00	0.00033
120.00	-30.00	0.00035	120.00	-40.00	0.00039
120.00	-50.00	0.00042	120.00	-60.00	0.00044
120.00	-70.00	0.00046	120.00	-80.00	0.00048
120.00	-90.00	0.00049	120.00	-100.00	0.00050
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00006	130.00	70.00	0.00007
130.00	60.00	0.00008	130.00	50.00	0.00010
130.00	40.00	0.00012	130.00	30.00	0.00014
130.00	25.00	0.00015	130.00	20.00	0.00016
130.00	17.00	0.00017	130.00	15.00	0.00017
130.00	13.00	0.00018	130.00	11.00	0.00018
130.00	9.00	0.00019	130.00	-9.00	0.00024
130.00	-11.00	0.00024	130.00	-13.00	0.00025
130.00	-15.00	0.00026	130.00	-17.00	0.00027
130.00	-20.00	0.00028	130.00	-25.00	0.00029
130.00	-30.00	0.00031	130.00	-40.00	0.00035
130.00	-50.00	0.00037	130.00	-60.00	0.00040
130.00	-70.00	0.00041	130.00	-80.00	0.00043
130.00	-90.00	0.00044	130.00	-100.00	0.00045
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00006	140.00	70.00	0.00007
140.00	60.00	0.00008	140.00	50.00	0.00010
140.00	40.00	0.00011	140.00	30.00	0.00013
140.00	25.00	0.00014	140.00	20.00	0.00015

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00015	140.00	15.00	0.00016
140.00	13.00	0.00016	140.00	11.00	0.00017
140.00	9.00	0.00017	140.00	-9.00	0.00022
140.00	-11.00	0.00022	140.00	-13.00	0.00023
140.00	-15.00	0.00023	140.00	-17.00	0.00024
140.00	-20.00	0.00025	140.00	-25.00	0.00027
140.00	-30.00	0.00028	140.00	-40.00	0.00031
140.00	-50.00	0.00034	140.00	-60.00	0.00036
140.00	-70.00	0.00038	140.00	-80.00	0.00039
140.00	-90.00	0.00040	140.00	-100.00	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00004	150.00	90.00	0.00005
150.00	80.00	0.00006	150.00	70.00	0.00007
150.00	60.00	0.00008	150.00	50.00	0.00009
150.00	40.00	0.00010	150.00	30.00	0.00012
150.00	25.00	0.00013	150.00	20.00	0.00014
150.00	17.00	0.00014	150.00	15.00	0.00015
150.00	13.00	0.00015	150.00	11.00	0.00015
150.00	9.00	0.00016	150.00	-9.00	0.00020
150.00	-11.00	0.00020	150.00	-13.00	0.00021
150.00	-15.00	0.00021	150.00	-17.00	0.00022
150.00	-20.00	0.00023	150.00	-25.00	0.00024
150.00	-30.00	0.00026	150.00	-40.00	0.00028
150.00	-50.00	0.00031	150.00	-60.00	0.00033
150.00	-70.00	0.00034	150.00	-80.00	0.00035
150.00	-90.00	0.00036	150.00	-100.00	0.00037
160.00	100.00	0.00004	160.00	90.00	0.00005
160.00	80.00	0.00006	160.00	70.00	0.00006
160.00	60.00	0.00007	160.00	50.00	0.00009
160.00	40.00	0.00010	160.00	30.00	0.00011
160.00	25.00	0.00012	160.00	20.00	0.00013
160.00	17.00	0.00013	160.00	15.00	0.00014
160.00	13.00	0.00014	160.00	11.00	0.00014
160.00	9.00	0.00015	160.00	-9.00	0.00018
160.00	-11.00	0.00019	160.00	-13.00	0.00019



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00020	160.00	-17.00	0.00020
160.00	-20.00	0.00021	160.00	-25.00	0.00022
160.00	-30.00	0.00023	160.00	-40.00	0.00026
160.00	-50.00	0.00028	160.00	-60.00	0.00030
160.00	-70.00	0.00031	160.00	-80.00	0.00032
160.00	-90.00	0.00033	160.00	-100.00	0.00034
170.00	100.00	0.00004	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00006
170.00	60.00	0.00007	170.00	50.00	0.00008
170.00	40.00	0.00009	170.00	30.00	0.00011
170.00	25.00	0.00011	170.00	20.00	0.00012
170.00	17.00	0.00012	170.00	15.00	0.00013
170.00	13.00	0.00013	170.00	11.00	0.00013
170.00	9.00	0.00014	170.00	-9.00	0.00017
170.00	-11.00	0.00017	170.00	-13.00	0.00018
170.00	-15.00	0.00018	170.00	-17.00	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00019	170.00	-25.00	0.00020
170.00	-30.00	0.00021	170.00	-40.00	0.00023
170.00	-50.00	0.00025	170.00	-60.00	0.00027
170.00	-70.00	0.00029	170.00	-80.00	0.00030
170.00	-90.00	0.00031	170.00	-100.00	0.00031
180.00	100.00	0.00004	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00006
180.00	60.00	0.00007	180.00	50.00	0.00008
180.00	40.00	0.00009	180.00	30.00	0.00010
180.00	25.00	0.00011	180.00	20.00	0.00011
180.00	17.00	0.00012	180.00	15.00	0.00012
180.00	13.00	0.00012	180.00	11.00	0.00012
180.00	9.00	0.00013	180.00	-9.00	0.00016
180.00	-11.00	0.00016	180.00	-13.00	0.00016
180.00	-15.00	0.00017	180.00	-17.00	0.00017
180.00	-20.00	0.00018	180.00	-25.00	0.00019
180.00	-30.00	0.00020	180.00	-40.00	0.00021
180.00	-50.00	0.00023	180.00	-60.00	0.00025

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00026	180.00	-80.00	0.00027
180.00	-90.00	0.00028	180.00	-100.00	0.00029
190.00	100.00	0.00004	190.00	90.00	0.00004
190.00	80.00	0.00005	190.00	70.00	0.00006
190.00	60.00	0.00007	190.00	50.00	0.00007
190.00	40.00	0.00008	190.00	30.00	0.00009
190.00	25.00	0.00010	190.00	20.00	0.00011
190.00	17.00	0.00011	190.00	15.00	0.00011
190.00	13.00	0.00011	190.00	11.00	0.00012
190.00	9.00	0.00012	190.00	-9.00	0.00014
190.00	-11.00	0.00015	190.00	-13.00	0.00015
190.00	-15.00	0.00015	190.00	-17.00	0.00016
190.00	-20.00	0.00016	190.00	-25.00	0.00017
190.00	-30.00	0.00018	190.00	-40.00	0.00020
190.00	-50.00	0.00021	190.00	-60.00	0.00023
190.00	-70.00	0.00024	190.00	-80.00	0.00025
190.00	-90.00	0.00026	190.00	-100.00	0.00027
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00005	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00007
200.00	40.00	0.00008	200.00	30.00	0.00009
200.00	25.00	0.00009	200.00	20.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00010	200.00	15.00	0.00010
200.00	13.00	0.00011	200.00	11.00	0.00011
200.00	9.00	0.00011	200.00	-9.00	0.00013
200.00	-11.00	0.00014	200.00	-13.00	0.00014
200.00	-15.00	0.00014	200.00	-17.00	0.00015
200.00	-20.00	0.00015	200.00	-25.00	0.00016
200.00	-30.00	0.00017	200.00	-40.00	0.00018
200.00	-50.00	0.00020	200.00	-60.00	0.00021
200.00	-70.00	0.00022	200.00	-80.00	0.00023
200.00	-90.00	0.00024	200.00	-100.00	0.00025
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00005	210.00	70.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00007
210.00	40.00	0.00008	210.00	30.00	0.00008
210.00	25.00	0.00009	210.00	20.00	0.00009
210.00	17.00	0.00010	210.00	15.00	0.00010
210.00	13.00	0.00010	210.00	11.00	0.00010
210.00	9.00	0.00010	210.00	-9.00	0.00013
210.00	-11.00	0.00013	210.00	-13.00	0.00013
210.00	-15.00	0.00013	210.00	-17.00	0.00014
210.00	-20.00	0.00014	210.00	-25.00	0.00015
210.00	-30.00	0.00015	210.00	-40.00	0.00017
210.00	-50.00	0.00018	210.00	-60.00	0.00020
210.00	-70.00	0.00021	210.00	-80.00	0.00022
210.00	-90.00	0.00022	210.00	-100.00	0.00023
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00006	220.00	50.00	0.00007
220.00	40.00	0.00007	220.00	30.00	0.00008
220.00	25.00	0.00008	220.00	20.00	0.00009
220.00	17.00	0.00009	220.00	15.00	0.00009
220.00	13.00	0.00009	220.00	11.00	0.00010
220.00	9.00	0.00010	220.00	-9.00	0.00012
220.00	-11.00	0.00012	220.00	-13.00	0.00012
220.00	-15.00	0.00012	220.00	-17.00	0.00013
220.00	-20.00	0.00013	220.00	-25.00	0.00014
220.00	-30.00	0.00014	220.00	-40.00	0.00016
220.00	-50.00	0.00017	220.00	-60.00	0.00018
220.00	-70.00	0.00019	220.00	-80.00	0.00020
220.00	-90.00	0.00021	220.00	-100.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00005
230.00	60.00	0.00006	230.00	50.00	0.00006
230.00	40.00	0.00007	230.00	30.00	0.00008
230.00	25.00	0.00008	230.00	20.00	0.00008
230.00	17.00	0.00009	230.00	15.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00009	230.00	-9.00	0.00011
230.00	-11.00	0.00011	230.00	-13.00	0.00011
230.00	-15.00	0.00012	230.00	-17.00	0.00012
230.00	-20.00	0.00012	230.00	-25.00	0.00013
230.00	-30.00	0.00013	230.00	-40.00	0.00015
230.00	-50.00	0.00016	230.00	-60.00	0.00017
230.00	-70.00	0.00018	230.00	-80.00	0.00019
230.00	-90.00	0.00019	230.00	-100.00	0.00020
240.00	100.00	0.00003	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00006
240.00	40.00	0.00007	240.00	30.00	0.00007
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00009
240.00	9.00	0.00009	240.00	-9.00	0.00010
240.00	-11.00	0.00011	240.00	-13.00	0.00011
240.00	-15.00	0.00011	240.00	-17.00	0.00011
240.00	-20.00	0.00011	240.00	-25.00	0.00012
240.00	-30.00	0.00012	240.00	-40.00	0.00014
240.00	-50.00	0.00015	240.00	-60.00	0.00016
240.00	-70.00	0.00017	240.00	-80.00	0.00017
240.00	-90.00	0.00018	240.00	-100.00	0.00019
250.00	100.00	0.00003	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00006
250.00	40.00	0.00006	250.00	30.00	0.00007
250.00	25.00	0.00007	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00008
250.00	13.00	0.00008	250.00	11.00	0.00008
250.00	9.00	0.00008	250.00	-9.00	0.00010
250.00	-11.00	0.00010	250.00	-13.00	0.00010
250.00	-15.00	0.00010	250.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00034	-240.00	-100.00	0.00032
-230.00	100.00	0.00030	-230.00	90.00	0.00036
-230.00	80.00	0.00044	-230.00	70.00	0.00054
-230.00	60.00	0.00067	-230.00	50.00	0.00082
-230.00	40.00	0.00101	-230.00	30.00	0.00125
-230.00	25.00	0.00139	-230.00	20.00	0.00152
-230.00	17.00	0.00159	-230.00	15.00	0.00163
-230.00	13.00	0.00166	-230.00	11.00	0.00168
-230.00	9.00	0.00168	-230.00	-9.00	0.00091
-230.00	-11.00	0.00088	-230.00	-13.00	0.00085
-230.00	-15.00	0.00083	-230.00	-17.00	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00079	-230.00	-25.00	0.00076
-230.00	-30.00	0.00073	-230.00	-40.00	0.00067
-230.00	-50.00	0.00061	-230.00	-60.00	0.00056
-230.00	-70.00	0.00050	-230.00	-80.00	0.00046
-230.00	-90.00	0.00041	-230.00	-100.00	0.00038
-220.00	100.00	0.00028	-220.00	90.00	0.00034
-220.00	80.00	0.00042	-220.00	70.00	0.00053
-220.00	60.00	0.00066	-220.00	50.00	0.00082
-220.00	40.00	0.00103	-220.00	30.00	0.00129
-220.00	25.00	0.00145	-220.00	20.00	0.00162
-220.00	17.00	0.00172	-220.00	15.00	0.00178
-220.00	13.00	0.00184	-220.00	11.00	0.00191
-220.00	9.00	0.00198	-220.00	-9.00	0.00189
-220.00	-11.00	0.00166	-220.00	-13.00	0.00151
-220.00	-15.00	0.00141	-220.00	-17.00	0.00133
-220.00	-20.00	0.00125	-220.00	-25.00	0.00114
-220.00	-30.00	0.00106	-220.00	-40.00	0.00093
-220.00	-50.00	0.00082	-220.00	-60.00	0.00072
-220.00	-70.00	0.00064	-220.00	-80.00	0.00057
-220.00	-90.00	0.00050	-220.00	-100.00	0.00045
-210.00	100.00	0.00026	-210.00	90.00	0.00032
-210.00	80.00	0.00039	-210.00	70.00	0.00049
-210.00	60.00	0.00063	-210.00	50.00	0.00080







10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00474	-170.00	-40.00	0.00372
-170.00	-50.00	0.00290	-170.00	-60.00	0.00229
-170.00	-70.00	0.00183	-170.00	-80.00	0.00148
-170.00	-90.00	0.00122	-170.00	-100.00	0.00102
-160.00	100.00	0.00014	-160.00	90.00	0.00017
-160.00	80.00	0.00021	-160.00	70.00	0.00026
-160.00	60.00	0.00034	-160.00	50.00	0.00044
-160.00	40.00	0.00061	-160.00	30.00	0.00089
-160.00	25.00	0.00110	-160.00	20.00	0.00138
-160.00	17.00	0.00158	-160.00	15.00	0.00174
-160.00	13.00	0.00193	-160.00	11.00	0.00216
-160.00	9.00	0.00245	-160.00	-9.00	0.00765
-160.00	-11.00	0.00735	-160.00	-13.00	0.00710
-160.00	-15.00	0.00686	-160.00	-17.00	0.00661
-160.00	-20.00	0.00625	-160.00	-25.00	0.00567
-160.00	-30.00	0.00513	-160.00	-40.00	0.00412
-160.00	-50.00	0.00327	-160.00	-60.00	0.00259
-160.00	-70.00	0.00207	-160.00	-80.00	0.00168
-160.00	-90.00	0.00138	-160.00	-100.00	0.00115
-150.00	100.00	0.00013	-150.00	90.00	0.00015
-150.00	80.00	0.00018	-150.00	70.00	0.00022
-150.00	60.00	0.00028	-150.00	50.00	0.00037
-150.00	40.00	0.00050	-150.00	30.00	0.00071
-150.00	25.00	0.00088	-150.00	20.00	0.00113
-150.00	17.00	0.00133	-150.00	15.00	0.00150
-150.00	13.00	0.00170	-150.00	11.00	0.00194
-150.00	9.00	0.00224	-150.00	-9.00	0.00777
-150.00	-11.00	0.00748	-150.00	-13.00	0.00724
-150.00	-15.00	0.00702	-150.00	-17.00	0.00679

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00645	-150.00	-25.00	0.00589
-150.00	-30.00	0.00535	-150.00	-40.00	0.00438
-150.00	-50.00	0.00353	-150.00	-60.00	0.00284
-150.00	-70.00	0.00229	-150.00	-80.00	0.00186
-150.00	-90.00	0.00153	-150.00	-100.00	0.00127

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00012	-140.00	90.00	0.00014
-140.00	80.00	0.00016	-140.00	70.00	0.00020
-140.00	60.00	0.00025	-140.00	50.00	0.00031
-140.00	40.00	0.00041	-140.00	30.00	0.00057
-140.00	25.00	0.00070	-140.00	20.00	0.00089
-140.00	17.00	0.00104	-140.00	15.00	0.00117
-140.00	13.00	0.00134	-140.00	11.00	0.00155
-140.00	9.00	0.00183	-140.00	-9.00	0.00777
-140.00	-11.00	0.00751	-140.00	-13.00	0.00725
-140.00	-15.00	0.00704	-140.00	-17.00	0.00683
-140.00	-20.00	0.00650	-140.00	-25.00	0.00595
-140.00	-30.00	0.00544	-140.00	-40.00	0.00450
-140.00	-50.00	0.00369	-140.00	-60.00	0.00300
-140.00	-70.00	0.00244	-140.00	-80.00	0.00200
-140.00	-90.00	0.00165	-140.00	-100.00	0.00138
-130.00	100.00	0.00011	-130.00	90.00	0.00013
-130.00	80.00	0.00015	-130.00	70.00	0.00018
-130.00	60.00	0.00022	-130.00	50.00	0.00028
-130.00	40.00	0.00037	-130.00	30.00	0.00051
-130.00	25.00	0.00062	-130.00	20.00	0.00079
-130.00	17.00	0.00092	-130.00	15.00	0.00104
-130.00	13.00	0.00118	-130.00	11.00	0.00135
-130.00	9.00	0.00158	-130.00	-9.00	0.00685
-130.00	-11.00	0.00686	-130.00	-13.00	0.00675
-130.00	-15.00	0.00660	-130.00	-17.00	0.00646
-130.00	-20.00	0.00620	-130.00	-25.00	0.00575
-130.00	-30.00	0.00529	-130.00	-40.00	0.00445
-130.00	-50.00	0.00370	-130.00	-60.00	0.00306
-130.00	-70.00	0.00253	-130.00	-80.00	0.00209
-130.00	-90.00	0.00174	-130.00	-100.00	0.00145
-120.00	100.00	0.00010	-120.00	90.00	0.00012
-120.00	80.00	0.00014	-120.00	70.00	0.00017
-120.00	60.00	0.00021	-120.00	50.00	0.00026
-120.00	40.00	0.00034	-120.00	30.00	0.00047
-120.00	25.00	0.00058	-120.00	20.00	0.00073

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00085	-120.00	15.00	0.00095
-120.00	13.00	0.00108	-120.00	11.00	0.00123
-120.00	9.00	0.00142	-120.00	-9.00	0.00469
-120.00	-11.00	0.00495	-120.00	-13.00	0.00514
-120.00	-15.00	0.00526	-120.00	-17.00	0.00531
-120.00	-20.00	0.00529	-120.00	-25.00	0.00511
-120.00	-30.00	0.00481	-120.00	-40.00	0.00418
-120.00	-50.00	0.00356	-120.00	-60.00	0.00301
-120.00	-70.00	0.00253	-120.00	-80.00	0.00212
-120.00	-90.00	0.00178	-120.00	-100.00	0.00150
-110.00	100.00	0.00010	-110.00	90.00	0.00011
-110.00	80.00	0.00013	-110.00	70.00	0.00016
-110.00	60.00	0.00020	-110.00	50.00	0.00024
-110.00	40.00	0.00032	-110.00	30.00	0.00044
-110.00	25.00	0.00053	-110.00	20.00	0.00066
-110.00	17.00	0.00077	-110.00	15.00	0.00086
-110.00	13.00	0.00097	-110.00	11.00	0.00109
-110.00	9.00	0.00123	-110.00	-9.00	0.00323
-110.00	-11.00	0.00344	-110.00	-13.00	0.00362
-110.00	-15.00	0.00377	-110.00	-17.00	0.00390
-110.00	-20.00	0.00403	-110.00	-25.00	0.00412
-110.00	-30.00	0.00407	-110.00	-40.00	0.00374
-110.00	-50.00	0.00330	-110.00	-60.00	0.00286
-110.00	-70.00	0.00245	-110.00	-80.00	0.00209
-110.00	-90.00	0.00178	-110.00	-100.00	0.00152
-100.00	100.00	0.00009	-100.00	90.00	0.00011
-100.00	80.00	0.00013	-100.00	70.00	0.00015
-100.00	60.00	0.00018	-100.00	50.00	0.00023
-100.00	40.00	0.00029	-100.00	30.00	0.00040
-100.00	25.00	0.00049	-100.00	20.00	0.00060
-100.00	17.00	0.00069	-100.00	15.00	0.00077
-100.00	13.00	0.00085	-100.00	11.00	0.00094
-100.00	9.00	0.00104	-100.00	-9.00	0.00234
-100.00	-11.00	0.00249	-100.00	-13.00	0.00262
-100.00	-15.00	0.00274	-100.00	-17.00	0.00285
-100.00	-20.00	0.00299	-100.00	-25.00	0.00316
-100.00	-30.00	0.00324	-100.00	-40.00	0.00318
-100.00	-50.00	0.00294	-100.00	-60.00	0.00264
-100.00	-70.00	0.00232	-100.00	-80.00	0.00202
-100.00	-90.00	0.00175	-100.00	-100.00	0.00151

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00009	-90.00	90.00	0.00010
-90.00	80.00	0.00012	-90.00	70.00	0.00014
-90.00	60.00	0.00017	-90.00	50.00	0.00021
-90.00	40.00	0.00027	-90.00	30.00	0.00037
-90.00	25.00	0.00044	-90.00	20.00	0.00055
-90.00	17.00	0.00062	-90.00	15.00	0.00068
-90.00	13.00	0.00074	-90.00	11.00	0.00081
-90.00	9.00	0.00088	-90.00	-9.00	0.00176
-90.00	-11.00	0.00187	-90.00	-13.00	0.00197
-90.00	-15.00	0.00206	-90.00	-17.00	0.00215
-90.00	-20.00	0.00226	-90.00	-25.00	0.00241
-90.00	-30.00	0.00253	-90.00	-40.00	0.00262
-90.00	-50.00	0.00254	-90.00	-60.00	0.00236
-90.00	-70.00	0.00214	-90.00	-80.00	0.00191
-90.00	-90.00	0.00168	-90.00	-100.00	0.00148
-80.00	100.00	0.00009	-80.00	90.00	0.00010
-80.00	80.00	0.00011	-80.00	70.00	0.00013
-80.00	60.00	0.00016	-80.00	50.00	0.00020
-80.00	40.00	0.00025	-80.00	30.00	0.00034
-80.00	25.00	0.00041	-80.00	20.00	0.00049
-80.00	17.00	0.00055	-80.00	15.00	0.00060
-80.00	13.00	0.00065	-80.00	11.00	0.00070
-80.00	9.00	0.00075	-80.00	-9.00	0.00137
-80.00	-11.00	0.00145	-80.00	-13.00	0.00153
-80.00	-15.00	0.00160	-80.00	-17.00	0.00167
-80.00	-20.00	0.00176	-80.00	-25.00	0.00188
-80.00	-30.00	0.00198	-80.00	-40.00	0.00211
-80.00	-50.00	0.00214	-80.00	-60.00	0.00206
-80.00	-70.00	0.00193	-80.00	-80.00	0.00176
-80.00	-90.00	0.00159	-80.00	-100.00	0.00142
-70.00	100.00	0.00008	-70.00	90.00	0.00009
-70.00	80.00	0.00011	-70.00	70.00	0.00012
-70.00	60.00	0.00015	-70.00	50.00	0.00018
-70.00	40.00	0.00023	-70.00	30.00	0.00032
-70.00	25.00	0.00037	-70.00	20.00	0.00044
-70.00	17.00	0.00049	-70.00	15.00	0.00053
-70.00	13.00	0.00056	-70.00	11.00	0.00060



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00107	-50.00	-40.00	0.00117
-50.00	-50.00	0.00124	-50.00	-60.00	0.00128
-50.00	-70.00	0.00130	-50.00	-80.00	0.00127
-50.00	-90.00	0.00122	-50.00	-100.00	0.00116
-40.00	100.00	0.00007	-40.00	90.00	0.00008
-40.00	80.00	0.00009	-40.00	70.00	0.00010
-40.00	60.00	0.00012	-40.00	50.00	0.00015
-40.00	40.00	0.00019	-40.00	30.00	0.00025
-40.00	25.00	0.00028	-40.00	20.00	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00035	-40.00	15.00	0.00037
-40.00	13.00	0.00038	-40.00	11.00	0.00040
-40.00	9.00	0.00042	-40.00	-9.00	0.00063
-40.00	-11.00	0.00066	-40.00	-13.00	0.00069
-40.00	-15.00	0.00072	-40.00	-17.00	0.00074
-40.00	-20.00	0.00079	-40.00	-25.00	0.00085
-40.00	-30.00	0.00090	-40.00	-40.00	0.00099
-40.00	-50.00	0.00105	-40.00	-60.00	0.00109
-40.00	-70.00	0.00112	-40.00	-80.00	0.00112
-40.00	-90.00	0.00110	-40.00	-100.00	0.00106
-30.00	100.00	0.00007	-30.00	90.00	0.00007
-30.00	80.00	0.00008	-30.00	70.00	0.00010
-30.00	60.00	0.00012	-30.00	50.00	0.00014
-30.00	40.00	0.00018	-30.00	30.00	0.00023
-30.00	25.00	0.00026	-30.00	20.00	0.00029
-30.00	17.00	0.00031	-30.00	15.00	0.00033
-30.00	13.00	0.00034	-30.00	11.00	0.00036
-30.00	9.00	0.00037	-30.00	-9.00	0.00054
-30.00	-11.00	0.00057	-30.00	-13.00	0.00059
-30.00	-15.00	0.00061	-30.00	-17.00	0.00063
-30.00	-20.00	0.00067	-30.00	-25.00	0.00072
-30.00	-30.00	0.00077	-30.00	-40.00	0.00084
-30.00	-50.00	0.00090	-30.00	-60.00	0.00094
-30.00	-70.00	0.00097	-30.00	-80.00	0.00098
-30.00	-90.00	0.00098	-30.00	-100.00	0.00096

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00006	-20.00	90.00	0.00007
-20.00	80.00	0.00008	-20.00	70.00	0.00009
-20.00	60.00	0.00011	-20.00	50.00	0.00014
-20.00	40.00	0.00017	-20.00	30.00	0.00021
-20.00	25.00	0.00024	-20.00	20.00	0.00027
-20.00	17.00	0.00028	-20.00	15.00	0.00029
-20.00	13.00	0.00031	-20.00	11.00	0.00032
-20.00	9.00	0.00033	-20.00	-9.00	0.00047
-20.00	-11.00	0.00049	-20.00	-13.00	0.00051
-20.00	-15.00	0.00053	-20.00	-17.00	0.00055
-20.00	-20.00	0.00057	-20.00	-25.00	0.00062
-20.00	-30.00	0.00066	-20.00	-40.00	0.00072
-20.00	-50.00	0.00077	-20.00	-60.00	0.00081
-20.00	-70.00	0.00084	-20.00	-80.00	0.00086
-20.00	-90.00	0.00087	-20.00	-100.00	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 112

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00006	-10.00	90.00	0.00007
-10.00	80.00	0.00008	-10.00	70.00	0.00009
-10.00	60.00	0.00011	-10.00	50.00	0.00013
-10.00	40.00	0.00016	-10.00	30.00	0.00020
-10.00	25.00	0.00022	-10.00	20.00	0.00024
-10.00	17.00	0.00026	-10.00	15.00	0.00027
-10.00	13.00	0.00028	-10.00	11.00	0.00029
-10.00	9.00	0.00030	-10.00	-9.00	0.00041
-10.00	-11.00	0.00043	-10.00	-13.00	0.00044
-10.00	-15.00	0.00046	-10.00	-17.00	0.00047
-10.00	-20.00	0.00050	-10.00	-25.00	0.00054
-10.00	-30.00	0.00057	-10.00	-40.00	0.00063
-10.00	-50.00	0.00067	-10.00	-60.00	0.00071
-10.00	-70.00	0.00074	-10.00	-80.00	0.00076
-10.00	-90.00	0.00077	-10.00	-100.00	0.00077
0.00	100.00	0.00006	0.00	90.00	0.00006
0.00	80.00	0.00007	0.00	70.00	0.00008
0.00	60.00	0.00010	0.00	50.00	0.00012
0.00	40.00	0.00015	0.00	30.00	0.00018

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00020	0.00	20.00	0.00022
0.00	17.00	0.00023	0.00	15.00	0.00024
0.00	13.00	0.00025	0.00	11.00	0.00026
0.00	9.00	0.00027	0.00	-9.00	0.00037
0.00	-11.00	0.00038	0.00	-13.00	0.00039
0.00	-15.00	0.00040	0.00	-17.00	0.00042
0.00	-20.00	0.00044	0.00	-25.00	0.00047
0.00	-30.00	0.00050	0.00	-40.00	0.00055
0.00	-50.00	0.00059	0.00	-60.00	0.00062
0.00	-70.00	0.00065	0.00	-80.00	0.00067
0.00	-90.00	0.00068	0.00	-100.00	0.00069
10.00	100.00	0.00005	10.00	90.00	0.00006
10.00	80.00	0.00007	10.00	70.00	0.00008
10.00	60.00	0.00010	10.00	50.00	0.00012
10.00	40.00	0.00014	10.00	30.00	0.00017
10.00	25.00	0.00019	10.00	20.00	0.00020
10.00	17.00	0.00021	10.00	15.00	0.00022
10.00	13.00	0.00023	10.00	11.00	0.00024
10.00	9.00	0.00024	10.00	-9.00	0.00033
10.00	-11.00	0.00034	10.00	-13.00	0.00035
10.00	-15.00	0.00036	10.00	-17.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00038	10.00	-25.00	0.00041
10.00	-30.00	0.00044	10.00	-40.00	0.00049
10.00	-50.00	0.00052	10.00	-60.00	0.00055
10.00	-70.00	0.00057	10.00	-80.00	0.00059
10.00	-90.00	0.00061	10.00	-100.00	0.00062
20.00	100.00	0.00005	20.00	90.00	0.00006
20.00	80.00	0.00007	20.00	70.00	0.00008
20.00	60.00	0.00009	20.00	50.00	0.00011
20.00	40.00	0.00013	20.00	30.00	0.00016
20.00	25.00	0.00017	20.00	20.00	0.00019
20.00	17.00	0.00020	20.00	15.00	0.00020
20.00	13.00	0.00021	20.00	11.00	0.00021
20.00	9.00	0.00022	20.00	-9.00	0.00029



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00030	20.00	-13.00	0.00031
20.00	-15.00	0.00032	20.00	-17.00	0.00033
20.00	-20.00	0.00034	20.00	-25.00	0.00037
20.00	-30.00	0.00039	20.00	-40.00	0.00043
20.00	-50.00	0.00047	20.00	-60.00	0.00049
20.00	-70.00	0.00051	20.00	-80.00	0.00053
20.00	-90.00	0.00055	20.00	-100.00	0.00056
30.00	100.00	0.00005	30.00	90.00	0.00006
30.00	80.00	0.00006	30.00	70.00	0.00008
30.00	60.00	0.00009	30.00	50.00	0.00011
30.00	40.00	0.00012	30.00	30.00	0.00015
30.00	25.00	0.00016	30.00	20.00	0.00017
30.00	17.00	0.00018	30.00	15.00	0.00019
30.00	13.00	0.00019	30.00	11.00	0.00020
30.00	9.00	0.00020	30.00	-9.00	0.00026
30.00	-11.00	0.00027	30.00	-13.00	0.00028
30.00	-15.00	0.00029	30.00	-17.00	0.00029
30.00	-20.00	0.00031	30.00	-25.00	0.00033
30.00	-30.00	0.00035	30.00	-40.00	0.00039
30.00	-50.00	0.00042	30.00	-60.00	0.00044
30.00	-70.00	0.00046	30.00	-80.00	0.00048
30.00	-90.00	0.00049	30.00	-100.00	0.00050
40.00	100.00	0.00005	40.00	90.00	0.00005
40.00	80.00	0.00006	40.00	70.00	0.00007
40.00	60.00	0.00008	40.00	50.00	0.00010
40.00	40.00	0.00012	40.00	30.00	0.00014
40.00	25.00	0.00015	40.00	20.00	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00017	40.00	15.00	0.00017
40.00	13.00	0.00018	40.00	11.00	0.00018
40.00	9.00	0.00019	40.00	-9.00	0.00024
40.00	-11.00	0.00024	40.00	-13.00	0.00025
40.00	-15.00	0.00026	40.00	-17.00	0.00027
40.00	-20.00	0.00028	40.00	-25.00	0.00029
40.00	-30.00	0.00031	40.00	-40.00	0.00035

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00037	40.00	-60.00	0.00040
40.00	-70.00	0.00041	40.00	-80.00	0.00043
40.00	-90.00	0.00044	40.00	-100.00	0.00045
50.00	100.00	0.00005	50.00	90.00	0.00005
50.00	80.00	0.00006	50.00	70.00	0.00007
50.00	60.00	0.00008	50.00	50.00	0.00010
50.00	40.00	0.00011	50.00	30.00	0.00013
50.00	25.00	0.00014	50.00	20.00	0.00015
50.00	17.00	0.00015	50.00	15.00	0.00016
50.00	13.00	0.00016	50.00	11.00	0.00017
50.00	9.00	0.00017	50.00	-9.00	0.00022
50.00	-11.00	0.00022	50.00	-13.00	0.00023
50.00	-15.00	0.00023	50.00	-17.00	0.00024
50.00	-20.00	0.00025	50.00	-25.00	0.00027
50.00	-30.00	0.00028	50.00	-40.00	0.00031
50.00	-50.00	0.00034	50.00	-60.00	0.00036
50.00	-70.00	0.00038	50.00	-80.00	0.00039
50.00	-90.00	0.00040	50.00	-100.00	0.00041
60.00	100.00	0.00004	60.00	90.00	0.00005
60.00	80.00	0.00006	60.00	70.00	0.00007
60.00	60.00	0.00008	60.00	50.00	0.00009
60.00	40.00	0.00010	60.00	30.00	0.00012
60.00	25.00	0.00013	60.00	20.00	0.00014
60.00	17.00	0.00014	60.00	15.00	0.00015
60.00	13.00	0.00015	60.00	11.00	0.00015
60.00	9.00	0.00016	60.00	-9.00	0.00020
60.00	-11.00	0.00020	60.00	-13.00	0.00021
60.00	-15.00	0.00021	60.00	-17.00	0.00022
60.00	-20.00	0.00023	60.00	-25.00	0.00024
60.00	-30.00	0.00026	60.00	-40.00	0.00028
60.00	-50.00	0.00031	60.00	-60.00	0.00033
60.00	-70.00	0.00034	60.00	-80.00	0.00035
60.00	-90.00	0.00036	60.00	-100.00	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00004	70.00	90.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00006	70.00	70.00	0.00006
70.00	60.00	0.00007	70.00	50.00	0.00009
70.00	40.00	0.00010	70.00	30.00	0.00011
70.00	25.00	0.00012	70.00	20.00	0.00013
70.00	17.00	0.00013	70.00	15.00	0.00014
70.00	13.00	0.00014	70.00	11.00	0.00014
70.00	9.00	0.00015	70.00	-9.00	0.00018
70.00	-11.00	0.00019	70.00	-13.00	0.00019
70.00	-15.00	0.00020	70.00	-17.00	0.00020
70.00	-20.00	0.00021	70.00	-25.00	0.00022
70.00	-30.00	0.00023	70.00	-40.00	0.00026
70.00	-50.00	0.00028	70.00	-60.00	0.00030
70.00	-70.00	0.00031	70.00	-80.00	0.00032
70.00	-90.00	0.00033	70.00	-100.00	0.00034
80.00	100.00	0.00004	80.00	90.00	0.00005
80.00	80.00	0.00005	80.00	70.00	0.00006
80.00	60.00	0.00007	80.00	50.00	0.00008
80.00	40.00	0.00009	80.00	30.00	0.00011
80.00	25.00	0.00011	80.00	20.00	0.00012
80.00	17.00	0.00012	80.00	15.00	0.00013
80.00	13.00	0.00013	80.00	11.00	0.00013
80.00	9.00	0.00014	80.00	-9.00	0.00017
80.00	-11.00	0.00017	80.00	-13.00	0.00018
80.00	-15.00	0.00018	80.00	-17.00	0.00018
80.00	-20.00	0.00019	80.00	-25.00	0.00020
80.00	-30.00	0.00021	80.00	-40.00	0.00023
80.00	-50.00	0.00025	80.00	-60.00	0.00027
80.00	-70.00	0.00029	80.00	-80.00	0.00030
80.00	-90.00	0.00031	80.00	-100.00	0.00031
90.00	100.00	0.00004	90.00	90.00	0.00005
90.00	80.00	0.00005	90.00	70.00	0.00006
90.00	60.00	0.00007	90.00	50.00	0.00008
90.00	40.00	0.00009	90.00	30.00	0.00010
90.00	25.00	0.00011	90.00	20.00	0.00011
90.00	17.00	0.00012	90.00	15.00	0.00012
90.00	13.00	0.00012	90.00	11.00	0.00012
90.00	9.00	0.00013	90.00	-9.00	0.00016
90.00	-11.00	0.00016	90.00	-13.00	0.00016
90.00	-15.00	0.00017	90.00	-17.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00018	90.00	-25.00	0.00019	
90.00	-30.00	0.00020	90.00	-40.00	0.00021	
90.00	-50.00	0.00023	90.00	-60.00	0.00025	
90.00	-70.00	0.00026	90.00	-80.00	0.00027	
90.00	-90.00	0.00028	90.00	-100.00	0.00029	
100.00	100.00	0.00004	100.00	90.00	0.00004	
100.00	80.00	0.00005	100.00	70.00	0.00006	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00008	100.00	30.00	0.00009	
100.00	25.00	0.00010	100.00	20.00	0.00011	
100.00	17.00	0.00011	100.00	15.00	0.00011	
100.00	13.00	0.00011	100.00	11.00	0.00012	
100.00	9.00	0.00012	100.00	-9.00	0.00014	
100.00	-11.00	0.00015	100.00	-13.00	0.00015	
100.00	-15.00	0.00015	100.00	-17.00	0.00016	
100.00	-20.00	0.00016	100.00	-25.00	0.00017	
100.00	-30.00	0.00018	100.00	-40.00	0.00020	
100.00	-50.00	0.00021	100.00	-60.00	0.00023	
100.00	-70.00	0.00024	100.00	-80.00	0.00025	
100.00	-90.00	0.00026	100.00	-100.00	0.00027	
110.00	100.00	0.00004	110.00	90.00	0.00004	
110.00	80.00	0.00005	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00007	
110.00	40.00	0.00008	110.00	30.00	0.00009	
110.00	25.00	0.00009	110.00	20.00	0.00010	
110.00	17.00	0.00010	110.00	15.00	0.00010	
110.00	13.00	0.00011	110.00	11.00	0.00011	
110.00	9.00	0.00011	110.00	-9.00	0.00013	
110.00	-11.00	0.00014	110.00	-13.00	0.00014	
110.00	-15.00	0.00014	110.00	-17.00	0.00015	
110.00	-20.00	0.00015	110.00	-25.00	0.00016	
110.00	-30.00	0.00017	110.00	-40.00	0.00018	
110.00	-50.00	0.00020	110.00	-60.00	0.00021	
110.00	-70.00	0.00022	110.00	-80.00	0.00023	
110.00	-90.00	0.00024	110.00	-100.00	0.00025	
120.00	100.00	0.00004	120.00	90.00	0.00004	
120.00	80.00	0.00005	120.00	70.00	0.00005	
120.00	60.00	0.00006	120.00	50.00	0.00007	
120.00	40.00	0.00008	120.00	30.00	0.00008	

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00 25.00 0.00009 120.00 20.00 0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00010	120.00	15.00	0.00010
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00010	120.00	-9.00	0.00013
120.00	-11.00	0.00013	120.00	-13.00	0.00013
120.00	-15.00	0.00013	120.00	-17.00	0.00014
120.00	-20.00	0.00014	120.00	-25.00	0.00015
120.00	-30.00	0.00015	120.00	-40.00	0.00017
120.00	-50.00	0.00018	120.00	-60.00	0.00020
120.00	-70.00	0.00021	120.00	-80.00	0.00022
120.00	-90.00	0.00022	120.00	-100.00	0.00023
130.00	100.00	0.00004	130.00	90.00	0.00004
130.00	80.00	0.00005	130.00	70.00	0.00005
130.00	60.00	0.00006	130.00	50.00	0.00007
130.00	40.00	0.00007	130.00	30.00	0.00008
130.00	25.00	0.00008	130.00	20.00	0.00009
130.00	17.00	0.00009	130.00	15.00	0.00009
130.00	13.00	0.00009	130.00	11.00	0.00010
130.00	9.00	0.00010	130.00	-9.00	0.00012
130.00	-11.00	0.00012	130.00	-13.00	0.00012
130.00	-15.00	0.00012	130.00	-17.00	0.00013
130.00	-20.00	0.00013	130.00	-25.00	0.00014
130.00	-30.00	0.00014	130.00	-40.00	0.00016
130.00	-50.00	0.00017	130.00	-60.00	0.00018
130.00	-70.00	0.00019	130.00	-80.00	0.00020
130.00	-90.00	0.00021	130.00	-100.00	0.00021
140.00	100.00	0.00004	140.00	90.00	0.00004
140.00	80.00	0.00004	140.00	70.00	0.00005
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00007	140.00	30.00	0.00008
140.00	25.00	0.00008	140.00	20.00	0.00008
140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00009	140.00	-9.00	0.00011



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00014	160.00	-60.00	0.00015
160.00	-70.00	0.00016	160.00	-80.00	0.00016
160.00	-90.00	0.00017	160.00	-100.00	0.00017
170.00	100.00	0.00003	170.00	90.00	0.00004
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00006	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00008	170.00	11.00	0.00008
170.00	9.00	0.00008	170.00	-9.00	0.00009
170.00	-11.00	0.00009	170.00	-13.00	0.00009
170.00	-15.00	0.00010	170.00	-17.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00010	170.00	-25.00	0.00011
170.00	-30.00	0.00011	170.00	-40.00	0.00012
170.00	-50.00	0.00013	170.00	-60.00	0.00014
170.00	-70.00	0.00015	170.00	-80.00	0.00015
170.00	-90.00	0.00016	170.00	-100.00	0.00016
180.00	100.00	0.00003	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00005	180.00	50.00	0.00005
180.00	40.00	0.00006	180.00	30.00	0.00006
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00007	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00009
180.00	-11.00	0.00009	180.00	-13.00	0.00009
180.00	-15.00	0.00009	180.00	-17.00	0.00009
180.00	-20.00	0.00010	180.00	-25.00	0.00010
180.00	-30.00	0.00010	180.00	-40.00	0.00011
180.00	-50.00	0.00012	180.00	-60.00	0.00013
180.00	-70.00	0.00014	180.00	-80.00	0.00014
180.00	-90.00	0.00015	180.00	-100.00	0.00015
190.00	100.00	0.00003	190.00	90.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00005	190.00	50.00	0.00005
190.00	40.00	0.00005	190.00	30.00	0.00006
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00007	190.00	15.00	0.00007
190.00	13.00	0.00007	190.00	11.00	0.00007
190.00	9.00	0.00007	190.00	-9.00	0.00008
190.00	-11.00	0.00008	190.00	-13.00	0.00008
190.00	-15.00	0.00009	190.00	-17.00	0.00009
190.00	-20.00	0.00009	190.00	-25.00	0.00009
190.00	-30.00	0.00010	190.00	-40.00	0.00011
190.00	-50.00	0.00011	190.00	-60.00	0.00012
190.00	-70.00	0.00013	190.00	-80.00	0.00013
190.00	-90.00	0.00014	190.00	-100.00	0.00015
200.00	100.00	0.00003	200.00	90.00	0.00003
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00005
200.00	40.00	0.00005	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00007	200.00	11.00	0.00007
200.00	9.00	0.00007	200.00	-9.00	0.00008
200.00	-11.00	0.00008	200.00	-13.00	0.00008
200.00	-15.00	0.00008	200.00	-17.00	0.00008
200.00	-20.00	0.00008	200.00	-25.00	0.00009
200.00	-30.00	0.00009	200.00	-40.00	0.00010
200.00	-50.00	0.00011	200.00	-60.00	0.00011
200.00	-70.00	0.00012	200.00	-80.00	0.00013
200.00	-90.00	0.00013	200.00	-100.00	0.00014
210.00	100.00	0.00003	210.00	90.00	0.00003
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00005
210.00	40.00	0.00005	210.00	30.00	0.00005
210.00	25.00	0.00006	210.00	20.00	0.00006



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00006	210.00	15.00	0.00006
210.00	13.00	0.00006	210.00	11.00	0.00006
210.00	9.00	0.00006	210.00	-9.00	0.00007
210.00	-11.00	0.00007	210.00	-13.00	0.00008
210.00	-15.00	0.00008	210.00	-17.00	0.00008
210.00	-20.00	0.00008	210.00	-25.00	0.00008
210.00	-30.00	0.00009	210.00	-40.00	0.00009
210.00	-50.00	0.00010	210.00	-60.00	0.00011
210.00	-70.00	0.00011	210.00	-80.00	0.00012
210.00	-90.00	0.00012	210.00	-100.00	0.00013
220.00	100.00	0.00003	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00006
220.00	17.00	0.00006	220.00	15.00	0.00006
220.00	13.00	0.00006	220.00	11.00	0.00006
220.00	9.00	0.00006	220.00	-9.00	0.00007
220.00	-11.00	0.00007	220.00	-13.00	0.00007
220.00	-15.00	0.00007	220.00	-17.00	0.00007
220.00	-20.00	0.00008	220.00	-25.00	0.00008
220.00	-30.00	0.00008	220.00	-40.00	0.00009
220.00	-50.00	0.00009	220.00	-60.00	0.00010
220.00	-70.00	0.00011	220.00	-80.00	0.00011
220.00	-90.00	0.00012	220.00	-100.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00004
230.00	60.00	0.00004	230.00	50.00	0.00004
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00006	230.00	15.00	0.00006
230.00	13.00	0.00006	230.00	11.00	0.00006
230.00	9.00	0.00006	230.00	-9.00	0.00007
230.00	-11.00	0.00007	230.00	-13.00	0.00007

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00008
230.00	-30.00	0.00008	230.00	-40.00	0.00008
230.00	-50.00	0.00009	230.00	-60.00	0.00010
230.00	-70.00	0.00010	230.00	-80.00	0.00011
230.00	-90.00	0.00011	230.00	-100.00	0.00012
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00004
240.00	60.00	0.00004	240.00	50.00	0.00004
240.00	40.00	0.00004	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00006
240.00	9.00	0.00006	240.00	-9.00	0.00006
240.00	-11.00	0.00006	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00007
240.00	-20.00	0.00007	240.00	-25.00	0.00007
240.00	-30.00	0.00007	240.00	-40.00	0.00008
240.00	-50.00	0.00008	240.00	-60.00	0.00009
240.00	-70.00	0.00010	240.00	-80.00	0.00010
240.00	-90.00	0.00011	240.00	-100.00	0.00011
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00004	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00005
250.00	25.00	0.00005	250.00	20.00	0.00005
250.00	17.00	0.00005	250.00	15.00	0.00005
250.00	13.00	0.00005	250.00	11.00	0.00005
250.00	9.00	0.00005	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00007	250.00	-25.00	0.00007
250.00	-30.00	0.00007	250.00	-40.00	0.00008
250.00	-50.00	0.00008	250.00	-60.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00009	250.00	-80.00	0.00010
250.00	-90.00	0.00010	250.00	-100.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00069	-250.00	90.00	0.00075
-250.00	80.00	0.00083	-250.00	70.00	0.00092
-250.00	60.00	0.00102	-250.00	50.00	0.00113
-250.00	40.00	0.00124	-250.00	30.00	0.00132
-250.00	25.00	0.00134	-250.00	20.00	0.00134
-250.00	17.00	0.00133	-250.00	15.00	0.00132
-250.00	13.00	0.00130	-250.00	11.00	0.00128
-250.00	9.00	0.00124	-250.00	-9.00	0.00093
-250.00	-11.00	0.00091	-250.00	-13.00	0.00089
-250.00	-15.00	0.00087	-250.00	-17.00	0.00086
-250.00	-20.00	0.00083	-250.00	-25.00	0.00079
-250.00	-30.00	0.00076	-250.00	-40.00	0.00071
-250.00	-50.00	0.00066	-250.00	-60.00	0.00062
-250.00	-70.00	0.00058	-250.00	-80.00	0.00055
-250.00	-90.00	0.00051	-250.00	-100.00	0.00048
-240.00	100.00	0.00071	-240.00	90.00	0.00078
-240.00	80.00	0.00087	-240.00	70.00	0.00097
-240.00	60.00	0.00109	-240.00	50.00	0.00123
-240.00	40.00	0.00139	-240.00	30.00	0.00155
-240.00	25.00	0.00162	-240.00	20.00	0.00166
-240.00	17.00	0.00166	-240.00	15.00	0.00165
-240.00	13.00	0.00164	-240.00	11.00	0.00161
-240.00	9.00	0.00157	-240.00	-9.00	0.00108
-240.00	-11.00	0.00105	-240.00	-13.00	0.00102
-240.00	-15.00	0.00100	-240.00	-17.00	0.00098
-240.00	-20.00	0.00095	-240.00	-25.00	0.00091
-240.00	-30.00	0.00088	-240.00	-40.00	0.00083
-240.00	-50.00	0.00077	-240.00	-60.00	0.00072
-240.00	-70.00	0.00067	-240.00	-80.00	0.00062
-240.00	-90.00	0.00058	-240.00	-100.00	0.00054
-230.00	100.00	0.00073	-230.00	90.00	0.00081
-230.00	80.00	0.00090	-230.00	70.00	0.00101

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00114	-230.00	50.00	0.00130
-230.00	40.00	0.00150	-230.00	30.00	0.00173
-230.00	25.00	0.00185	-230.00	20.00	0.00197
-230.00	17.00	0.00203	-230.00	15.00	0.00206
-230.00	13.00	0.00208	-230.00	11.00	0.00210
-230.00	9.00	0.00209	-230.00	-9.00	0.00128
-230.00	-11.00	0.00125	-230.00	-13.00	0.00122
-230.00	-15.00	0.00120	-230.00	-17.00	0.00118

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00115	-230.00	-25.00	0.00111
-230.00	-30.00	0.00107	-230.00	-40.00	0.00100
-230.00	-50.00	0.00093	-230.00	-60.00	0.00085
-230.00	-70.00	0.00078	-230.00	-80.00	0.00072
-230.00	-90.00	0.00067	-230.00	-100.00	0.00062
-220.00	100.00	0.00074	-220.00	90.00	0.00082
-220.00	80.00	0.00092	-220.00	70.00	0.00104
-220.00	60.00	0.00118	-220.00	50.00	0.00135
-220.00	40.00	0.00157	-220.00	30.00	0.00183
-220.00	25.00	0.00197	-220.00	20.00	0.00212
-220.00	17.00	0.00221	-220.00	15.00	0.00226
-220.00	13.00	0.00231	-220.00	11.00	0.00237
-220.00	9.00	0.00244	-220.00	-9.00	0.00231
-220.00	-11.00	0.00207	-220.00	-13.00	0.00192
-220.00	-15.00	0.00181	-220.00	-17.00	0.00174
-220.00	-20.00	0.00165	-220.00	-25.00	0.00153
-220.00	-30.00	0.00144	-220.00	-40.00	0.00129
-220.00	-50.00	0.00116	-220.00	-60.00	0.00104
-220.00	-70.00	0.00094	-220.00	-80.00	0.00085
-220.00	-90.00	0.00078	-220.00	-100.00	0.00071
-210.00	100.00	0.00075	-210.00	90.00	0.00084
-210.00	80.00	0.00094	-210.00	70.00	0.00106
-210.00	60.00	0.00121	-210.00	50.00	0.00139
-210.00	40.00	0.00162	-210.00	30.00	0.00190
-210.00	25.00	0.00206	-210.00	20.00	0.00223
-210.00	17.00	0.00233	-210.00	15.00	0.00240

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00248	-210.00	11.00	0.00256
-210.00	9.00	0.00266	-210.00	-9.00	0.00454
-210.00	-11.00	0.00405	-210.00	-13.00	0.00365
-210.00	-15.00	0.00331	-210.00	-17.00	0.00304
-210.00	-20.00	0.00272	-210.00	-25.00	0.00235
-210.00	-30.00	0.00210	-210.00	-40.00	0.00175
-210.00	-50.00	0.00151	-210.00	-60.00	0.00131
-210.00	-70.00	0.00115	-210.00	-80.00	0.00102
-210.00	-90.00	0.00091	-210.00	-100.00	0.00082
-200.00	100.00	0.00076	-200.00	90.00	0.00085
-200.00	80.00	0.00096	-200.00	70.00	0.00108
-200.00	60.00	0.00124	-200.00	50.00	0.00143
-200.00	40.00	0.00166	-200.00	30.00	0.00197
-200.00	25.00	0.00214	-200.00	20.00	0.00234

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00246	-200.00	15.00	0.00255
-200.00	13.00	0.00265	-200.00	11.00	0.00276
-200.00	9.00	0.00291	-200.00	-9.00	0.00610
-200.00	-11.00	0.00567	-200.00	-13.00	0.00527
-200.00	-15.00	0.00490	-200.00	-17.00	0.00455
-200.00	-20.00	0.00409	-200.00	-25.00	0.00347
-200.00	-30.00	0.00300	-200.00	-40.00	0.00236
-200.00	-50.00	0.00193	-200.00	-60.00	0.00163
-200.00	-70.00	0.00140	-200.00	-80.00	0.00122
-200.00	-90.00	0.00108	-200.00	-100.00	0.00096
-190.00	100.00	0.00077	-190.00	90.00	0.00086
-190.00	80.00	0.00097	-190.00	70.00	0.00110
-190.00	60.00	0.00126	-190.00	50.00	0.00146
-190.00	40.00	0.00171	-190.00	30.00	0.00203
-190.00	25.00	0.00222	-190.00	20.00	0.00244
-190.00	17.00	0.00258	-190.00	15.00	0.00269
-190.00	13.00	0.00281	-190.00	11.00	0.00295
-190.00	9.00	0.00315	-190.00	-9.00	0.00708
-190.00	-11.00	0.00671	-190.00	-13.00	0.00635
-190.00	-15.00	0.00602	-190.00	-17.00	0.00570

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00524	-190.00	-25.00	0.00454
-190.00	-30.00	0.00395	-190.00	-40.00	0.00305
-190.00	-50.00	0.00243	-190.00	-60.00	0.00200
-190.00	-70.00	0.00168	-190.00	-80.00	0.00144
-190.00	-90.00	0.00126	-190.00	-100.00	0.00111
-180.00	100.00	0.00078	-180.00	90.00	0.00087
-180.00	80.00	0.00098	-180.00	70.00	0.00112
-180.00	60.00	0.00128	-180.00	50.00	0.00149
-180.00	40.00	0.00175	-180.00	30.00	0.00209
-180.00	25.00	0.00229	-180.00	20.00	0.00253
-180.00	17.00	0.00269	-180.00	15.00	0.00281
-180.00	13.00	0.00296	-180.00	11.00	0.00313
-180.00	9.00	0.00335	-180.00	-9.00	0.00774
-180.00	-11.00	0.00740	-180.00	-13.00	0.00708
-180.00	-15.00	0.00678	-180.00	-17.00	0.00648
-180.00	-20.00	0.00606	-180.00	-25.00	0.00538
-180.00	-30.00	0.00476	-180.00	-40.00	0.00372
-180.00	-50.00	0.00296	-180.00	-60.00	0.00240
-180.00	-70.00	0.00200	-180.00	-80.00	0.00169
-180.00	-90.00	0.00145	-180.00	-100.00	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00079	-170.00	90.00	0.00088
-170.00	80.00	0.00099	-170.00	70.00	0.00113
-170.00	60.00	0.00130	-170.00	50.00	0.00152
-170.00	40.00	0.00179	-170.00	30.00	0.00214
-170.00	25.00	0.00236	-170.00	20.00	0.00261
-170.00	17.00	0.00279	-170.00	15.00	0.00293
-170.00	13.00	0.00309	-170.00	11.00	0.00328
-170.00	9.00	0.00352	-170.00	-9.00	0.00821
-170.00	-11.00	0.00788	-170.00	-13.00	0.00759
-170.00	-15.00	0.00731	-170.00	-17.00	0.00703
-170.00	-20.00	0.00663	-170.00	-25.00	0.00599
-170.00	-30.00	0.00539	-170.00	-40.00	0.00432
-170.00	-50.00	0.00346	-170.00	-60.00	0.00281
-170.00	-70.00	0.00232	-170.00	-80.00	0.00195

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00166	-170.00	-100.00	0.00143
-160.00	100.00	0.00079	-160.00	90.00	0.00089
-160.00	80.00	0.00101	-160.00	70.00	0.00115
-160.00	60.00	0.00132	-160.00	50.00	0.00154
-160.00	40.00	0.00182	-160.00	30.00	0.00219
-160.00	25.00	0.00242	-160.00	20.00	0.00269
-160.00	17.00	0.00288	-160.00	15.00	0.00303
-160.00	13.00	0.00320	-160.00	11.00	0.00341
-160.00	9.00	0.00367	-160.00	-9.00	0.00855
-160.00	-11.00	0.00823	-160.00	-13.00	0.00796
-160.00	-15.00	0.00770	-160.00	-17.00	0.00744
-160.00	-20.00	0.00705	-160.00	-25.00	0.00643
-160.00	-30.00	0.00586	-160.00	-40.00	0.00480
-160.00	-50.00	0.00390	-160.00	-60.00	0.00319
-160.00	-70.00	0.00263	-160.00	-80.00	0.00220
-160.00	-90.00	0.00187	-160.00	-100.00	0.00161
-150.00	100.00	0.00080	-150.00	90.00	0.00090
-150.00	80.00	0.00102	-150.00	70.00	0.00116
-150.00	60.00	0.00134	-150.00	50.00	0.00156
-150.00	40.00	0.00185	-150.00	30.00	0.00223
-150.00	25.00	0.00247	-150.00	20.00	0.00276
-150.00	17.00	0.00297	-150.00	15.00	0.00312
-150.00	13.00	0.00330	-150.00	11.00	0.00352
-150.00	9.00	0.00378	-150.00	-9.00	0.00881
-150.00	-11.00	0.00850	-150.00	-13.00	0.00824
-150.00	-15.00	0.00799	-150.00	-17.00	0.00774

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00737	-150.00	-25.00	0.00677
-150.00	-30.00	0.00621	-150.00	-40.00	0.00518
-150.00	-50.00	0.00428	-150.00	-60.00	0.00353
-150.00	-70.00	0.00293	-150.00	-80.00	0.00246
-150.00	-90.00	0.00208	-150.00	-100.00	0.00179
-140.00	100.00	0.00081	-140.00	90.00	0.00091
-140.00	80.00	0.00103	-140.00	70.00	0.00117
-140.00	60.00	0.00135	-140.00	50.00	0.00158

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00188	-140.00	30.00	0.00227
-140.00	25.00	0.00252	-140.00	20.00	0.00282
-140.00	17.00	0.00304	-140.00	15.00	0.00320
-140.00	13.00	0.00339	-140.00	11.00	0.00361
-140.00	9.00	0.00389	-140.00	-9.00	0.00903
-140.00	-11.00	0.00873	-140.00	-13.00	0.00844
-140.00	-15.00	0.00821	-140.00	-17.00	0.00798
-140.00	-20.00	0.00762	-140.00	-25.00	0.00704
-140.00	-30.00	0.00648	-140.00	-40.00	0.00548
-140.00	-50.00	0.00459	-140.00	-60.00	0.00383
-140.00	-70.00	0.00320	-140.00	-80.00	0.00269
-140.00	-90.00	0.00229	-140.00	-100.00	0.00197
-130.00	100.00	0.00081	-130.00	90.00	0.00091
-130.00	80.00	0.00103	-130.00	70.00	0.00118
-130.00	60.00	0.00137	-130.00	50.00	0.00160
-130.00	40.00	0.00190	-130.00	30.00	0.00230
-130.00	25.00	0.00256	-130.00	20.00	0.00287
-130.00	17.00	0.00310	-130.00	15.00	0.00326
-130.00	13.00	0.00346	-130.00	11.00	0.00369
-130.00	9.00	0.00398	-130.00	-9.00	0.00913
-130.00	-11.00	0.00890	-130.00	-13.00	0.00864
-130.00	-15.00	0.00839	-130.00	-17.00	0.00816
-130.00	-20.00	0.00782	-130.00	-25.00	0.00725
-130.00	-30.00	0.00670	-130.00	-40.00	0.00571
-130.00	-50.00	0.00483	-130.00	-60.00	0.00408
-130.00	-70.00	0.00344	-130.00	-80.00	0.00291
-130.00	-90.00	0.00248	-130.00	-100.00	0.00214
-120.00	100.00	0.00081	-120.00	90.00	0.00092
-120.00	80.00	0.00104	-120.00	70.00	0.00119
-120.00	60.00	0.00138	-120.00	50.00	0.00162
-120.00	40.00	0.00192	-120.00	30.00	0.00234
-120.00	25.00	0.00260	-120.00	20.00	0.00292

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00315	-120.00	15.00	0.00332
-120.00	13.00	0.00352	-120.00	11.00	0.00376



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00405	-120.00	-9.00	0.00920
-120.00	-11.00	0.00897	-120.00	-13.00	0.00875
-120.00	-15.00	0.00854	-120.00	-17.00	0.00831
-120.00	-20.00	0.00798	-120.00	-25.00	0.00743
-120.00	-30.00	0.00688	-120.00	-40.00	0.00590
-120.00	-50.00	0.00504	-120.00	-60.00	0.00429
-120.00	-70.00	0.00365	-120.00	-80.00	0.00311
-120.00	-90.00	0.00266	-120.00	-100.00	0.00230
-110.00	100.00	0.00082	-110.00	90.00	0.00092
-110.00	80.00	0.00105	-110.00	70.00	0.00120
-110.00	60.00	0.00139	-110.00	50.00	0.00163
-110.00	40.00	0.00194	-110.00	30.00	0.00237
-110.00	25.00	0.00264	-110.00	20.00	0.00296
-110.00	17.00	0.00320	-110.00	15.00	0.00338
-110.00	13.00	0.00358	-110.00	11.00	0.00381
-110.00	9.00	0.00411	-110.00	-9.00	0.00930
-110.00	-11.00	0.00907	-110.00	-13.00	0.00885
-110.00	-15.00	0.00863	-110.00	-17.00	0.00842
-110.00	-20.00	0.00809	-110.00	-25.00	0.00756
-110.00	-30.00	0.00703	-110.00	-40.00	0.00606
-110.00	-50.00	0.00520	-110.00	-60.00	0.00446
-110.00	-70.00	0.00382	-110.00	-80.00	0.00328
-110.00	-90.00	0.00283	-110.00	-100.00	0.00245
-100.00	100.00	0.00082	-100.00	90.00	0.00092
-100.00	80.00	0.00105	-100.00	70.00	0.00121
-100.00	60.00	0.00140	-100.00	50.00	0.00164
-100.00	40.00	0.00196	-100.00	30.00	0.00239
-100.00	25.00	0.00267	-100.00	20.00	0.00300
-100.00	17.00	0.00324	-100.00	15.00	0.00342
-100.00	13.00	0.00362	-100.00	11.00	0.00386
-100.00	9.00	0.00416	-100.00	-9.00	0.00938
-100.00	-11.00	0.00916	-100.00	-13.00	0.00894
-100.00	-15.00	0.00873	-100.00	-17.00	0.00851
-100.00	-20.00	0.00819	-100.00	-25.00	0.00767
-100.00	-30.00	0.00715	-100.00	-40.00	0.00619
-100.00	-50.00	0.00534	-100.00	-60.00	0.00461
-100.00	-70.00	0.00397	-100.00	-80.00	0.00343
-100.00	-90.00	0.00297	-100.00	-100.00	0.00258

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00082	-90.00	90.00	0.00093	
-90.00	80.00	0.00105	-90.00	70.00	0.00121	
-90.00	60.00	0.00141	-90.00	50.00	0.00165	
-90.00	40.00	0.00198	-90.00	30.00	0.00242	
-90.00	25.00	0.00270	-90.00	20.00	0.00303	
-90.00	17.00	0.00327	-90.00	15.00	0.00345	
-90.00	13.00	0.00366	-90.00	11.00	0.00390	
-90.00	9.00	0.00420	-90.00	-9.00	0.00946	
-90.00	-11.00	0.00923	-90.00	-13.00	0.00901	
-90.00	-15.00	0.00880	-90.00	-17.00	0.00859	
-90.00	-20.00	0.00828	-90.00	-25.00	0.00776	
-90.00	-30.00	0.00725	-90.00	-40.00	0.00630	
-90.00	-50.00	0.00546	-90.00	-60.00	0.00473	
-90.00	-70.00	0.00410	-90.00	-80.00	0.00356	
-90.00	-90.00	0.00310	-90.00	-100.00	0.00271	
-80.00	100.00	0.00082	-80.00	90.00	0.00093	
-80.00	80.00	0.00106	-80.00	70.00	0.00121	
-80.00	60.00	0.00141	-80.00	50.00	0.00166	
-80.00	40.00	0.00199	-80.00	30.00	0.00244	
-80.00	25.00	0.00272	-80.00	20.00	0.00306	
-80.00	17.00	0.00330	-80.00	15.00	0.00349	
-80.00	13.00	0.00369	-80.00	11.00	0.00393	
-80.00	9.00	0.00423	-80.00	-9.00	0.00954	
-80.00	-11.00	0.00929	-80.00	-13.00	0.00908	
-80.00	-15.00	0.00887	-80.00	-17.00	0.00866	
-80.00	-20.00	0.00835	-80.00	-25.00	0.00784	
-80.00	-30.00	0.00733	-80.00	-40.00	0.00639	
-80.00	-50.00	0.00556	-80.00	-60.00	0.00483	
-80.00	-70.00	0.00421	-80.00	-80.00	0.00367	
-80.00	-90.00	0.00321	-80.00	-100.00	0.00282	
-70.00	100.00	0.00082	-70.00	90.00	0.00093	
-70.00	80.00	0.00106	-70.00	70.00	0.00122	
-70.00	60.00	0.00142	-70.00	50.00	0.00167	
-70.00	40.00	0.00201	-70.00	30.00	0.00246	
-70.00	25.00	0.00274	-70.00	20.00	0.00309	
-70.00	17.00	0.00333	-70.00	15.00	0.00352	
-70.00	13.00	0.00372	-70.00	11.00	0.00396	
-70.00	9.00	0.00426	-70.00	-9.00	0.00961	
-70.00	-11.00	0.00935	-70.00	-13.00	0.00914	
-70.00	-15.00	0.00893	-70.00	-17.00	0.00872	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00841	-70.00	-25.00	0.00790
-70.00	-30.00	0.00741	-70.00	-40.00	0.00647
-70.00	-50.00	0.00564	-70.00	-60.00	0.00492
-70.00	-70.00	0.00430	-70.00	-80.00	0.00377
-70.00	-90.00	0.00331	-70.00	-100.00	0.00292
-60.00	100.00	0.00082	-60.00	90.00	0.00093
-60.00	80.00	0.00106	-60.00	70.00	0.00122
-60.00	60.00	0.00142	-60.00	50.00	0.00168
-60.00	40.00	0.00202	-60.00	30.00	0.00247
-60.00	25.00	0.00276	-60.00	20.00	0.00311
-60.00	17.00	0.00336	-60.00	15.00	0.00354
-60.00	13.00	0.00375	-60.00	11.00	0.00399
-60.00	9.00	0.00429	-60.00	-9.00	0.00967
-60.00	-11.00	0.00940	-60.00	-13.00	0.00918
-60.00	-15.00	0.00898	-60.00	-17.00	0.00877
-60.00	-20.00	0.00846	-60.00	-25.00	0.00795
-60.00	-30.00	0.00746	-60.00	-40.00	0.00654
-60.00	-50.00	0.00572	-60.00	-60.00	0.00500
-60.00	-70.00	0.00438	-60.00	-80.00	0.00385
-60.00	-90.00	0.00340	-60.00	-100.00	0.00301
-50.00	100.00	0.00082	-50.00	90.00	0.00093
-50.00	80.00	0.00106	-50.00	70.00	0.00122
-50.00	60.00	0.00143	-50.00	50.00	0.00169
-50.00	40.00	0.00203	-50.00	30.00	0.00249
-50.00	25.00	0.00278	-50.00	20.00	0.00313
-50.00	17.00	0.00338	-50.00	15.00	0.00356
-50.00	13.00	0.00377	-50.00	11.00	0.00402
-50.00	9.00	0.00432	-50.00	-9.00	0.00973
-50.00	-11.00	0.00947	-50.00	-13.00	0.00921
-50.00	-15.00	0.00902	-50.00	-17.00	0.00882
-50.00	-20.00	0.00851	-50.00	-25.00	0.00800
-50.00	-30.00	0.00751	-50.00	-40.00	0.00660
-50.00	-50.00	0.00578	-50.00	-60.00	0.00507
-50.00	-70.00	0.00445	-50.00	-80.00	0.00393

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00347	-50.00	-100.00	0.00308
-40.00	100.00	0.00081	-40.00	90.00	0.00092
-40.00	80.00	0.00106	-40.00	70.00	0.00122
-40.00	60.00	0.00143	-40.00	50.00	0.00169
-40.00	40.00	0.00203	-40.00	30.00	0.00250
-40.00	25.00	0.00279	-40.00	20.00	0.00314

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00339	-40.00	15.00	0.00358
-40.00	13.00	0.00379	-40.00	11.00	0.00404
-40.00	9.00	0.00435	-40.00	-9.00	0.00971
-40.00	-11.00	0.00951	-40.00	-13.00	0.00928
-40.00	-15.00	0.00906	-40.00	-17.00	0.00886
-40.00	-20.00	0.00855	-40.00	-25.00	0.00805
-40.00	-30.00	0.00756	-40.00	-40.00	0.00665
-40.00	-50.00	0.00584	-40.00	-60.00	0.00513
-40.00	-70.00	0.00451	-40.00	-80.00	0.00399
-40.00	-90.00	0.00354	-40.00	-100.00	0.00315
-30.00	100.00	0.00081	-30.00	90.00	0.00092
-30.00	80.00	0.00105	-30.00	70.00	0.00122
-30.00	60.00	0.00143	-30.00	50.00	0.00169
-30.00	40.00	0.00204	-30.00	30.00	0.00251
-30.00	25.00	0.00280	-30.00	20.00	0.00316
-30.00	17.00	0.00341	-30.00	15.00	0.00360
-30.00	13.00	0.00381	-30.00	11.00	0.00406
-30.00	9.00	0.00437	-30.00	-9.00	0.00969
-30.00	-11.00	0.00948	-30.00	-13.00	0.00929
-30.00	-15.00	0.00909	-30.00	-17.00	0.00890
-30.00	-20.00	0.00860	-30.00	-25.00	0.00810
-30.00	-30.00	0.00760	-30.00	-40.00	0.00669
-30.00	-50.00	0.00588	-30.00	-60.00	0.00518
-30.00	-70.00	0.00457	-30.00	-80.00	0.00405
-30.00	-90.00	0.00360	-30.00	-100.00	0.00321
-20.00	100.00	0.00081	-20.00	90.00	0.00092
-20.00	80.00	0.00105	-20.00	70.00	0.00122
-20.00	60.00	0.00143	-20.00	50.00	0.00170

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00205	-20.00	30.00	0.00252
-20.00	25.00	0.00281	-20.00	20.00	0.00317
-20.00	17.00	0.00342	-20.00	15.00	0.00361
-20.00	13.00	0.00382	-20.00	11.00	0.00407
-20.00	9.00	0.00438	-20.00	-9.00	0.00972
-20.00	-11.00	0.00950	-20.00	-13.00	0.00930
-20.00	-15.00	0.00911	-20.00	-17.00	0.00891
-20.00	-20.00	0.00861	-20.00	-25.00	0.00812
-20.00	-30.00	0.00764	-20.00	-40.00	0.00673
-20.00	-50.00	0.00592	-20.00	-60.00	0.00522
-20.00	-70.00	0.00461	-20.00	-80.00	0.00410
-20.00	-90.00	0.00365	-20.00	-100.00	0.00326

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00080	-10.00	90.00	0.00091
-10.00	80.00	0.00105	-10.00	70.00	0.00121
-10.00	60.00	0.00143	-10.00	50.00	0.00170
-10.00	40.00	0.00205	-10.00	30.00	0.00252
-10.00	25.00	0.00282	-10.00	20.00	0.00318
-10.00	17.00	0.00343	-10.00	15.00	0.00362
-10.00	13.00	0.00383	-10.00	11.00	0.00408
-10.00	9.00	0.00439	-10.00	-9.00	0.00974
-10.00	-11.00	0.00953	-10.00	-13.00	0.00932
-10.00	-15.00	0.00913	-10.00	-17.00	0.00893
-10.00	-20.00	0.00863	-10.00	-25.00	0.00814
-10.00	-30.00	0.00767	-10.00	-40.00	0.00677
-10.00	-50.00	0.00596	-10.00	-60.00	0.00526
-10.00	-70.00	0.00466	-10.00	-80.00	0.00414
-10.00	-90.00	0.00369	-10.00	-100.00	0.00331
0.00	100.00	0.00079	0.00	90.00	0.00091
0.00	80.00	0.00104	0.00	70.00	0.00121
0.00	60.00	0.00142	0.00	50.00	0.00170
0.00	40.00	0.00205	0.00	30.00	0.00253
0.00	25.00	0.00283	0.00	20.00	0.00318
0.00	17.00	0.00344	0.00	15.00	0.00363
0.00	13.00	0.00384	0.00	11.00	0.00409

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00440	0.00	-9.00	0.00976
0.00	-11.00	0.00954	0.00	-13.00	0.00934
0.00	-15.00	0.00914	0.00	-17.00	0.00894
0.00	-20.00	0.00865	0.00	-25.00	0.00816
0.00	-30.00	0.00769	0.00	-40.00	0.00679
0.00	-50.00	0.00599	0.00	-60.00	0.00529
0.00	-70.00	0.00469	0.00	-80.00	0.00418
0.00	-90.00	0.00373	0.00	-100.00	0.00335
10.00	100.00	0.00079	10.00	90.00	0.00090
10.00	80.00	0.00103	10.00	70.00	0.00120
10.00	60.00	0.00142	10.00	50.00	0.00169
10.00	40.00	0.00205	10.00	30.00	0.00253
10.00	25.00	0.00283	10.00	20.00	0.00319
10.00	17.00	0.00344	10.00	15.00	0.00363
10.00	13.00	0.00385	10.00	11.00	0.00410
10.00	9.00	0.00440	10.00	-9.00	0.00980
10.00	-11.00	0.00956	10.00	-13.00	0.00936
10.00	-15.00	0.00916	10.00	-17.00	0.00896

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00866	10.00	-25.00	0.00818
10.00	-30.00	0.00771	10.00	-40.00	0.00682
10.00	-50.00	0.00602	10.00	-60.00	0.00532
10.00	-70.00	0.00472	10.00	-80.00	0.00421
10.00	-90.00	0.00377	10.00	-100.00	0.00339
20.00	100.00	0.00078	20.00	90.00	0.00089
20.00	80.00	0.00103	20.00	70.00	0.00120
20.00	60.00	0.00141	20.00	50.00	0.00169
20.00	40.00	0.00205	20.00	30.00	0.00253
20.00	25.00	0.00283	20.00	20.00	0.00319
20.00	17.00	0.00345	20.00	15.00	0.00364
20.00	13.00	0.00385	20.00	11.00	0.00410
20.00	9.00	0.00441	20.00	-9.00	0.00983
20.00	-11.00	0.00958	20.00	-13.00	0.00937
20.00	-15.00	0.00918	20.00	-17.00	0.00898
20.00	-20.00	0.00868	20.00	-25.00	0.00819

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00772	20.00	-40.00	0.00684
20.00	-50.00	0.00604	20.00	-60.00	0.00535
20.00	-70.00	0.00475	20.00	-80.00	0.00424
20.00	-90.00	0.00380	20.00	-100.00	0.00342
30.00	100.00	0.00077	30.00	90.00	0.00088
30.00	80.00	0.00102	30.00	70.00	0.00119
30.00	60.00	0.00140	30.00	50.00	0.00168
30.00	40.00	0.00204	30.00	30.00	0.00252
30.00	25.00	0.00283	30.00	20.00	0.00319
30.00	17.00	0.00345	30.00	15.00	0.00364
30.00	13.00	0.00386	30.00	11.00	0.00410
30.00	9.00	0.00441	30.00	-9.00	0.00985
30.00	-11.00	0.00959	30.00	-13.00	0.00938
30.00	-15.00	0.00919	30.00	-17.00	0.00899
30.00	-20.00	0.00869	30.00	-25.00	0.00820
30.00	-30.00	0.00773	30.00	-40.00	0.00685
30.00	-50.00	0.00606	30.00	-60.00	0.00537
30.00	-70.00	0.00478	30.00	-80.00	0.00427
30.00	-90.00	0.00383	30.00	-100.00	0.00345
40.00	100.00	0.00076	40.00	90.00	0.00087
40.00	80.00	0.00101	40.00	70.00	0.00118
40.00	60.00	0.00139	40.00	50.00	0.00167
40.00	40.00	0.00204	40.00	30.00	0.00252
40.00	25.00	0.00283	40.00	20.00	0.00319

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00345	40.00	15.00	0.00364
40.00	13.00	0.00386	40.00	11.00	0.00411
40.00	9.00	0.00442	40.00	-9.00	0.00988
40.00	-11.00	0.00963	40.00	-13.00	0.00938
40.00	-15.00	0.00919	40.00	-17.00	0.00900
40.00	-20.00	0.00871	40.00	-25.00	0.00821
40.00	-30.00	0.00774	40.00	-40.00	0.00687
40.00	-50.00	0.00608	40.00	-60.00	0.00539
40.00	-70.00	0.00480	40.00	-80.00	0.00429
40.00	-90.00	0.00385	40.00	-100.00	0.00348

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00075	50.00	90.00	0.00086
50.00	80.00	0.00100	50.00	70.00	0.00117
50.00	60.00	0.00138	50.00	50.00	0.00166
50.00	40.00	0.00203	50.00	30.00	0.00251
50.00	25.00	0.00282	50.00	20.00	0.00319
50.00	17.00	0.00344	50.00	15.00	0.00363
50.00	13.00	0.00385	50.00	11.00	0.00411
50.00	9.00	0.00443	50.00	-9.00	0.00984
50.00	-11.00	0.00964	50.00	-13.00	0.00942
50.00	-15.00	0.00920	50.00	-17.00	0.00901
50.00	-20.00	0.00871	50.00	-25.00	0.00823
50.00	-30.00	0.00775	50.00	-40.00	0.00687
50.00	-50.00	0.00609	50.00	-60.00	0.00540
50.00	-70.00	0.00481	50.00	-80.00	0.00431
50.00	-90.00	0.00387	50.00	-100.00	0.00350
60.00	100.00	0.00074	60.00	90.00	0.00085
60.00	80.00	0.00098	60.00	70.00	0.00115
60.00	60.00	0.00137	60.00	50.00	0.00165
60.00	40.00	0.00202	60.00	30.00	0.00250
60.00	25.00	0.00281	60.00	20.00	0.00318
60.00	17.00	0.00344	60.00	15.00	0.00363
60.00	13.00	0.00385	60.00	11.00	0.00410
60.00	9.00	0.00442	60.00	-9.00	0.00979
60.00	-11.00	0.00959	60.00	-13.00	0.00940
60.00	-15.00	0.00921	60.00	-17.00	0.00902
60.00	-20.00	0.00872	60.00	-25.00	0.00824
60.00	-30.00	0.00776	60.00	-40.00	0.00688
60.00	-50.00	0.00610	60.00	-60.00	0.00542
60.00	-70.00	0.00483	60.00	-80.00	0.00432
60.00	-90.00	0.00389	60.00	-100.00	0.00352

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00072	70.00	90.00	0.00083
70.00	80.00	0.00097	70.00	70.00	0.00114
70.00	60.00	0.00135	70.00	50.00	0.00163
70.00	40.00	0.00200	70.00	30.00	0.00249



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00280	70.00	20.00	0.00317
70.00	17.00	0.00343	70.00	15.00	0.00362
70.00	13.00	0.00384	70.00	11.00	0.00409
70.00	9.00	0.00441	70.00	-9.00	0.00979
70.00	-11.00	0.00958	70.00	-13.00	0.00939
70.00	-15.00	0.00919	70.00	-17.00	0.00900
70.00	-20.00	0.00871	70.00	-25.00	0.00824
70.00	-30.00	0.00777	70.00	-40.00	0.00689
70.00	-50.00	0.00610	70.00	-60.00	0.00542
70.00	-70.00	0.00484	70.00	-80.00	0.00434
70.00	-90.00	0.00391	70.00	-100.00	0.00353
80.00	100.00	0.00070	80.00	90.00	0.00081
80.00	80.00	0.00095	80.00	70.00	0.00112
80.00	60.00	0.00133	80.00	50.00	0.00161
80.00	40.00	0.00198	80.00	30.00	0.00248
80.00	25.00	0.00279	80.00	20.00	0.00315
80.00	17.00	0.00342	80.00	15.00	0.00361
80.00	13.00	0.00383	80.00	11.00	0.00408
80.00	9.00	0.00440	80.00	-9.00	0.00978
80.00	-11.00	0.00958	80.00	-13.00	0.00938
80.00	-15.00	0.00919	80.00	-17.00	0.00900
80.00	-20.00	0.00871	80.00	-25.00	0.00823
80.00	-30.00	0.00776	80.00	-40.00	0.00689
80.00	-50.00	0.00611	80.00	-60.00	0.00543
80.00	-70.00	0.00485	80.00	-80.00	0.00435
80.00	-90.00	0.00392	80.00	-100.00	0.00355
90.00	100.00	0.00068	90.00	90.00	0.00079
90.00	80.00	0.00093	90.00	70.00	0.00110
90.00	60.00	0.00131	90.00	50.00	0.00159
90.00	40.00	0.00196	90.00	30.00	0.00246
90.00	25.00	0.00277	90.00	20.00	0.00314
90.00	17.00	0.00340	90.00	15.00	0.00359
90.00	13.00	0.00381	90.00	11.00	0.00407
90.00	9.00	0.00438	90.00	-9.00	0.00979
90.00	-11.00	0.00957	90.00	-13.00	0.00937
90.00	-15.00	0.00918	90.00	-17.00	0.00898

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00870	90.00	-25.00	0.00822
90.00	-30.00	0.00776	90.00	-40.00	0.00689
90.00	-50.00	0.00611	90.00	-60.00	0.00543
90.00	-70.00	0.00485	90.00	-80.00	0.00436
90.00	-90.00	0.00393	90.00	-100.00	0.00356
100.00	100.00	0.00066	100.00	90.00	0.00077
100.00	80.00	0.00091	100.00	70.00	0.00107
100.00	60.00	0.00129	100.00	50.00	0.00157
100.00	40.00	0.00193	100.00	30.00	0.00243
100.00	25.00	0.00274	100.00	20.00	0.00312
100.00	17.00	0.00338	100.00	15.00	0.00357
100.00	13.00	0.00379	100.00	11.00	0.00405
100.00	9.00	0.00436	100.00	-9.00	0.00980
100.00	-11.00	0.00956	100.00	-13.00	0.00936
100.00	-15.00	0.00917	100.00	-17.00	0.00897
100.00	-20.00	0.00868	100.00	-25.00	0.00821
100.00	-30.00	0.00775	100.00	-40.00	0.00688
100.00	-50.00	0.00611	100.00	-60.00	0.00544
100.00	-70.00	0.00486	100.00	-80.00	0.00436
100.00	-90.00	0.00393	100.00	-100.00	0.00357
110.00	100.00	0.00064	110.00	90.00	0.00074
110.00	80.00	0.00088	110.00	70.00	0.00105
110.00	60.00	0.00126	110.00	50.00	0.00153
110.00	40.00	0.00190	110.00	30.00	0.00240
110.00	25.00	0.00271	110.00	20.00	0.00309
110.00	17.00	0.00335	110.00	15.00	0.00355
110.00	13.00	0.00377	110.00	11.00	0.00402
110.00	9.00	0.00433	110.00	-9.00	0.00980
110.00	-11.00	0.00955	110.00	-13.00	0.00935
110.00	-15.00	0.00916	110.00	-17.00	0.00896
110.00	-20.00	0.00867	110.00	-25.00	0.00819
110.00	-30.00	0.00774	110.00	-40.00	0.00687
110.00	-50.00	0.00610	110.00	-60.00	0.00543
110.00	-70.00	0.00486	110.00	-80.00	0.00436
110.00	-90.00	0.00394	110.00	-100.00	0.00357
120.00	100.00	0.00061	120.00	90.00	0.00071
120.00	80.00	0.00085	120.00	70.00	0.00102
120.00	60.00	0.00123	120.00	50.00	0.00150
120.00	40.00	0.00186	120.00	30.00	0.00236
120.00	25.00	0.00268	120.00	20.00	0.00306

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00332	120.00	15.00	0.00352
120.00	13.00	0.00374	120.00	11.00	0.00399
120.00	9.00	0.00430	120.00	-9.00	0.00979
120.00	-11.00	0.00954	120.00	-13.00	0.00933
120.00	-15.00	0.00914	120.00	-17.00	0.00895
120.00	-20.00	0.00865	120.00	-25.00	0.00817
120.00	-30.00	0.00772	120.00	-40.00	0.00686
120.00	-50.00	0.00609	120.00	-60.00	0.00543
120.00	-70.00	0.00486	120.00	-80.00	0.00436
120.00	-90.00	0.00394	120.00	-100.00	0.00357
130.00	100.00	0.00057	130.00	90.00	0.00068
130.00	80.00	0.00081	130.00	70.00	0.00098
130.00	60.00	0.00119	130.00	50.00	0.00146
130.00	40.00	0.00182	130.00	30.00	0.00231
130.00	25.00	0.00263	130.00	20.00	0.00301
130.00	17.00	0.00328	130.00	15.00	0.00348
130.00	13.00	0.00370	130.00	11.00	0.00396
130.00	9.00	0.00428	130.00	-9.00	0.00978
130.00	-11.00	0.00954	130.00	-13.00	0.00930
130.00	-15.00	0.00911	130.00	-17.00	0.00892
130.00	-20.00	0.00863	130.00	-25.00	0.00815
130.00	-30.00	0.00769	130.00	-40.00	0.00684
130.00	-50.00	0.00608	130.00	-60.00	0.00542
130.00	-70.00	0.00485	130.00	-80.00	0.00436
130.00	-90.00	0.00394	130.00	-100.00	0.00358
140.00	100.00	0.00054	140.00	90.00	0.00064
140.00	80.00	0.00077	140.00	70.00	0.00093
140.00	60.00	0.00114	140.00	50.00	0.00141
140.00	40.00	0.00177	140.00	30.00	0.00226
140.00	25.00	0.00258	140.00	20.00	0.00296
140.00	17.00	0.00323	140.00	15.00	0.00343
140.00	13.00	0.00365	140.00	11.00	0.00392
140.00	9.00	0.00424	140.00	-9.00	0.00971
140.00	-11.00	0.00951	140.00	-13.00	0.00930
140.00	-15.00	0.00908	140.00	-17.00	0.00889
140.00	-20.00	0.00861	140.00	-25.00	0.00813

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00767	140.00	-40.00	0.00682
140.00	-50.00	0.00607	140.00	-60.00	0.00541
140.00	-70.00	0.00484	140.00	-80.00	0.00435
140.00	-90.00	0.00393	140.00	-100.00	0.00357

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00051	150.00	90.00	0.00060
150.00	80.00	0.00072	150.00	70.00	0.00088
150.00	60.00	0.00108	150.00	50.00	0.00135
150.00	40.00	0.00171	150.00	30.00	0.00219
150.00	25.00	0.00251	150.00	20.00	0.00289
150.00	17.00	0.00316	150.00	15.00	0.00337
150.00	13.00	0.00359	150.00	11.00	0.00386
150.00	9.00	0.00419	150.00	-9.00	0.00961
150.00	-11.00	0.00942	150.00	-13.00	0.00923
150.00	-15.00	0.00905	150.00	-17.00	0.00886
150.00	-20.00	0.00858	150.00	-25.00	0.00811
150.00	-30.00	0.00764	150.00	-40.00	0.00680
150.00	-50.00	0.00605	150.00	-60.00	0.00539
150.00	-70.00	0.00482	150.00	-80.00	0.00434
150.00	-90.00	0.00393	150.00	-100.00	0.00357
160.00	100.00	0.00047	160.00	90.00	0.00056
160.00	80.00	0.00067	160.00	70.00	0.00082
160.00	60.00	0.00101	160.00	50.00	0.00128
160.00	40.00	0.00163	160.00	30.00	0.00211
160.00	25.00	0.00242	160.00	20.00	0.00281
160.00	17.00	0.00308	160.00	15.00	0.00329
160.00	13.00	0.00352	160.00	11.00	0.00378
160.00	9.00	0.00411	160.00	-9.00	0.00957
160.00	-11.00	0.00936	160.00	-13.00	0.00917
160.00	-15.00	0.00899	160.00	-17.00	0.00880
160.00	-20.00	0.00852	160.00	-25.00	0.00806
160.00	-30.00	0.00761	160.00	-40.00	0.00677
160.00	-50.00	0.00602	160.00	-60.00	0.00537
160.00	-70.00	0.00481	160.00	-80.00	0.00433
160.00	-90.00	0.00391	160.00	-100.00	0.00355

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00044	170.00	90.00	0.00052
170.00	80.00	0.00062	170.00	70.00	0.00075
170.00	60.00	0.00094	170.00	50.00	0.00119
170.00	40.00	0.00154	170.00	30.00	0.00201
170.00	25.00	0.00232	170.00	20.00	0.00270
170.00	17.00	0.00297	170.00	15.00	0.00318
170.00	13.00	0.00341	170.00	11.00	0.00368
170.00	9.00	0.00401	170.00	-9.00	0.00950
170.00	-11.00	0.00930	170.00	-13.00	0.00911
170.00	-15.00	0.00892	170.00	-17.00	0.00874

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00846	170.00	-25.00	0.00801
170.00	-30.00	0.00756	170.00	-40.00	0.00673
170.00	-50.00	0.00599	170.00	-60.00	0.00534
170.00	-70.00	0.00478	170.00	-80.00	0.00430
170.00	-90.00	0.00389	170.00	-100.00	0.00353
180.00	100.00	0.00040	180.00	90.00	0.00047
180.00	80.00	0.00056	180.00	70.00	0.00069
180.00	60.00	0.00085	180.00	50.00	0.00108
180.00	40.00	0.00142	180.00	30.00	0.00189
180.00	25.00	0.00219	180.00	20.00	0.00257
180.00	17.00	0.00284	180.00	15.00	0.00304
180.00	13.00	0.00328	180.00	11.00	0.00355
180.00	9.00	0.00389	180.00	-9.00	0.00943
180.00	-11.00	0.00922	180.00	-13.00	0.00903
180.00	-15.00	0.00885	180.00	-17.00	0.00866
180.00	-20.00	0.00840	180.00	-25.00	0.00795
180.00	-30.00	0.00751	180.00	-40.00	0.00668
180.00	-50.00	0.00595	180.00	-60.00	0.00530
180.00	-70.00	0.00475	180.00	-80.00	0.00427
180.00	-90.00	0.00386	180.00	-100.00	0.00351
190.00	100.00	0.00037	190.00	90.00	0.00043
190.00	80.00	0.00051	190.00	70.00	0.00062
190.00	60.00	0.00077	190.00	50.00	0.00097
190.00	40.00	0.00127	190.00	30.00	0.00172

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00203	190.00	20.00	0.00240
190.00	17.00	0.00266	190.00	15.00	0.00287
190.00	13.00	0.00310	190.00	11.00	0.00338
190.00	9.00	0.00372	190.00	-9.00	0.00935
190.00	-11.00	0.00913	190.00	-13.00	0.00895
190.00	-15.00	0.00876	190.00	-17.00	0.00858
190.00	-20.00	0.00831	190.00	-25.00	0.00788
190.00	-30.00	0.00744	190.00	-40.00	0.00663
190.00	-50.00	0.00589	190.00	-60.00	0.00525
190.00	-70.00	0.00470	190.00	-80.00	0.00423
190.00	-90.00	0.00382	190.00	-100.00	0.00348
200.00	100.00	0.00034	200.00	90.00	0.00040
200.00	80.00	0.00047	200.00	70.00	0.00056
200.00	60.00	0.00068	200.00	50.00	0.00086
200.00	40.00	0.00111	200.00	30.00	0.00151
200.00	25.00	0.00180	200.00	20.00	0.00217

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00244	200.00	15.00	0.00264
200.00	13.00	0.00287	200.00	11.00	0.00315
200.00	9.00	0.00349	200.00	-9.00	0.00925
200.00	-11.00	0.00902	200.00	-13.00	0.00884
200.00	-15.00	0.00867	200.00	-17.00	0.00849
200.00	-20.00	0.00822	200.00	-25.00	0.00778
200.00	-30.00	0.00736	200.00	-40.00	0.00655
200.00	-50.00	0.00582	200.00	-60.00	0.00518
200.00	-70.00	0.00464	200.00	-80.00	0.00417
200.00	-90.00	0.00378	200.00	-100.00	0.00344
210.00	100.00	0.00032	210.00	90.00	0.00037
210.00	80.00	0.00043	210.00	70.00	0.00051
210.00	60.00	0.00061	210.00	50.00	0.00076
210.00	40.00	0.00097	210.00	30.00	0.00129
210.00	25.00	0.00153	210.00	20.00	0.00185
210.00	17.00	0.00211	210.00	15.00	0.00231
210.00	13.00	0.00254	210.00	11.00	0.00282
210.00	9.00	0.00317	210.00	-9.00	0.00912

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00890	210.00	-13.00	0.00872
210.00	-15.00	0.00855	210.00	-17.00	0.00838
210.00	-20.00	0.00811	210.00	-25.00	0.00767
210.00	-30.00	0.00724	210.00	-40.00	0.00643
210.00	-50.00	0.00571	210.00	-60.00	0.00509
210.00	-70.00	0.00456	210.00	-80.00	0.00411
210.00	-90.00	0.00372	210.00	-100.00	0.00339
220.00	100.00	0.00030	220.00	90.00	0.00035
220.00	80.00	0.00040	220.00	70.00	0.00047
220.00	60.00	0.00056	220.00	50.00	0.00068
220.00	40.00	0.00086	220.00	30.00	0.00111
220.00	25.00	0.00130	220.00	20.00	0.00155
220.00	17.00	0.00175	220.00	15.00	0.00191
220.00	13.00	0.00210	220.00	11.00	0.00234
220.00	9.00	0.00266	220.00	-9.00	0.00895
220.00	-11.00	0.00873	220.00	-13.00	0.00851
220.00	-15.00	0.00835	220.00	-17.00	0.00818
220.00	-20.00	0.00792	220.00	-25.00	0.00748
220.00	-30.00	0.00705	220.00	-40.00	0.00626
220.00	-50.00	0.00557	220.00	-60.00	0.00497
220.00	-70.00	0.00445	220.00	-80.00	0.00402
220.00	-90.00	0.00364	220.00	-100.00	0.00332

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 11:04:59  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00029	230.00	90.00	0.00033
230.00	80.00	0.00038	230.00	70.00	0.00044
230.00	60.00	0.00052	230.00	50.00	0.00063
230.00	40.00	0.00079	230.00	30.00	0.00101
230.00	25.00	0.00118	230.00	20.00	0.00140
230.00	17.00	0.00157	230.00	15.00	0.00170
230.00	13.00	0.00187	230.00	11.00	0.00207
230.00	9.00	0.00232	230.00	-9.00	0.00788
230.00	-11.00	0.00792	230.00	-13.00	0.00785
230.00	-15.00	0.00774	230.00	-17.00	0.00763
230.00	-20.00	0.00743	230.00	-25.00	0.00706
230.00	-30.00	0.00668	230.00	-40.00	0.00597

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00534	230.00	-60.00	0.00478
230.00	-70.00	0.00430	230.00	-80.00	0.00389
230.00	-90.00	0.00354	230.00	-100.00	0.00324
240.00	100.00	0.00028	240.00	90.00	0.00031
240.00	80.00	0.00036	240.00	70.00	0.00042
240.00	60.00	0.00050	240.00	50.00	0.00060
240.00	40.00	0.00074	240.00	30.00	0.00095
240.00	25.00	0.00109	240.00	20.00	0.00129
240.00	17.00	0.00144	240.00	15.00	0.00156
240.00	13.00	0.00171	240.00	11.00	0.00189
240.00	9.00	0.00210	240.00	-9.00	0.00560
240.00	-11.00	0.00589	240.00	-13.00	0.00611
240.00	-15.00	0.00626	240.00	-17.00	0.00634
240.00	-20.00	0.00637	240.00	-25.00	0.00626
240.00	-30.00	0.00603	240.00	-40.00	0.00552
240.00	-50.00	0.00500	240.00	-60.00	0.00452
240.00	-70.00	0.00410	240.00	-80.00	0.00373
240.00	-90.00	0.00341	240.00	-100.00	0.00313
250.00	100.00	0.00027	250.00	90.00	0.00030
250.00	80.00	0.00034	250.00	70.00	0.00040
250.00	60.00	0.00047	250.00	50.00	0.00056
250.00	40.00	0.00069	250.00	30.00	0.00088
250.00	25.00	0.00101	250.00	20.00	0.00118
250.00	17.00	0.00132	250.00	15.00	0.00142
250.00	13.00	0.00154	250.00	11.00	0.00169
250.00	9.00	0.00185	250.00	-9.00	0.00405
250.00	-11.00	0.00428	250.00	-13.00	0.00448
250.00	-15.00	0.00466	250.00	-17.00	0.00481

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00499	250.00	-25.00	0.00514
250.00	-30.00	0.00515	250.00	-40.00	0.00492
250.00	-50.00	0.00457	250.00	-60.00	0.00420
250.00	-70.00	0.00385	250.00	-80.00	0.00354
250.00	-90.00	0.00325	250.00	-100.00	0.00300

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*



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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00777 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 220.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 190.00, -11.00, 0.00, 1.20)	DC	NA

NCRA_S2	1ST HIGHEST VALUE IS	0.00777 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 130.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 100.00, -11.00, 0.00, 1.20)	DC	NA

NCRA_S3	1ST HIGHEST VALUE IS	0.00777 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 40.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 10.00, -11.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00777 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( -50.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( -80.00, -11.00, 0.00, 1.20)	DC	NA

NCRA_S5	1ST HIGHEST VALUE IS	0.00777 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( -140.00, -13.00, 0.00, 1.20)	DC	NA

		10NCRA PL97-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00724	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00711	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00988	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00985	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00984	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00983	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00980	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00980	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00980	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00979	AT (	70.00,	-9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00979	AT (	120.00,	-9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00979	AT (	60.00,	-9.00,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 5 Informational Message(s)  
 A Total of 5 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 14:41:31

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2

RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2

RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2

RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2

RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2



RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2

RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2

RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2

RE DISCCART	113.14	14.14	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	74.25	38.89	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	48.79	64.35	1.2

RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2



RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART	28.99	41.72	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	10.61	45.96	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	91.92	1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2

RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
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RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
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RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
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RE DISCCART	-56.57	42.43	1.2
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RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
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RE DISCCART	35.36	-63.64	1.2
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RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
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RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
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RE DISCCART	-26.16	-2.12	1.2
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RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

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RE DISCCART	-84.85	56.57	1.2
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RE DISCCART	42.43	-84.85	1.2
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 RE DISCCART -77.78 21.21 1.2  
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 RE DISCCART -98.99 42.43 1.2  
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RE DISCCART -91.92 21.21 1.2  
RE DISCCART -98.99 28.28 1.2  
RE DISCCART -106.07 35.36 1.2  
RE DISCCART 28.28 -113.14 1.2  
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RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -77.78 1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-67.18	-88.39	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-88.39	-67.18	1.2

RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-127.28	-42.43	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-106.77	-91.22	1.2

RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2

RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2



RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-144.96	-109.6	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2

RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

RE DISCCART -212.13 -127.28 1.2  
 RE DISCCART -219.2 -120.21 1.2  
 RE DISCCART -226.27 -113.14 1.2  
 RE DISCCART -233.35 -106.07 1.2  
 RE DISCCART -240.42 -98.99 1.2  
 RE DISCCART -106.07 -247.49 1.2  
 RE DISCCART -113.14 -240.42 1.2  
 RE DISCCART -120.21 -233.35 1.2  
 RE DISCCART -127.28 -226.27 1.2  
 RE DISCCART -134.35 -219.2 1.2  
 RE DISCCART -141.42 -212.13 1.2  
 RE DISCCART -148.49 -205.06 1.2  
 RE DISCCART -155.56 -197.99 1.2  
 RE DISCCART -159.1 -194.45 1.2  
 RE DISCCART -162.63 -190.92 1.2  
 RE DISCCART -164.76 -188.8 1.2  
 RE DISCCART -166.17 -187.38 1.2  
 RE DISCCART -167.58 -185.97 1.2  
 RE DISCCART -169.0 -184.55 1.2  
 RE DISCCART -170.41 -183.14 1.2  
 RE DISCCART -183.14 -170.41 1.2  
 RE DISCCART -184.55 -169.0 1.2  
 RE DISCCART -185.97 -167.58 1.2  
 RE DISCCART -187.38 -166.17 1.2  
 RE DISCCART -188.8 -164.76 1.2  
 RE DISCCART -190.92 -162.63 1.2  
 RE DISCCART -194.45 -159.1 1.2  
 RE DISCCART -197.99 -155.56 1.2  
 RE DISCCART -205.06 -148.49 1.2  
 RE DISCCART -212.13 -141.42 1.2  
 RE DISCCART -219.2 -134.35 1.2  
 RE DISCCART -226.27 -127.28 1.2  
 RE DISCCART -233.35 -120.21 1.2  
 RE DISCCART -240.42 -113.14 1.2  
 RE DISCCART -247.49 -106.07 1.2  
 RE FINISHED

ME STARTING  
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 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9901 1991  
 ME UAIRDATA 9901 1991  
 ME STARTEND 1991 01 01 1 1991 12 31 24  
 ME FINISHED

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OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

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\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\11NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\11NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-92.3	-98.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S2	0	0.21100E-07	-28.6	-35.0	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S3	0	0.21100E-07	35.0	28.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S4	0	0.21100E-07	98.6	92.3	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S5	0	0.21100E-07	162.3	155.9	0.0	4.95	9.00	90.00	-135.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 247.5,	106.1,	0.0,	1.2);	( 240.4,	113.1,	0.0,	1.2);
( 233.4,	120.2,	0.0,	1.2);	( 226.3,	127.3,	0.0,	1.2);
( 219.2,	134.4,	0.0,	1.2);	( 212.1,	141.4,	0.0,	1.2);



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 205.1,	148.5,	0.0,	1.2);	( 198.0,	155.6,	0.0,	1.2);
( 194.4,	159.1,	0.0,	1.2);	( 190.9,	162.6,	0.0,	1.2);
( 188.8,	164.8,	0.0,	1.2);	( 187.4,	166.2,	0.0,	1.2);
( 186.0,	167.6,	0.0,	1.2);	( 184.6,	169.0,	0.0,	1.2);
( 183.1,	170.4,	0.0,	1.2);	( 170.4,	183.1,	0.0,	1.2);
( 169.0,	184.6,	0.0,	1.2);	( 167.6,	186.0,	0.0,	1.2);
( 166.2,	187.4,	0.0,	1.2);	( 164.8,	188.8,	0.0,	1.2);
( 162.6,	190.9,	0.0,	1.2);	( 159.1,	194.4,	0.0,	1.2);
( 155.6,	198.0,	0.0,	1.2);	( 148.5,	205.1,	0.0,	1.2);
( 141.4,	212.1,	0.0,	1.2);	( 134.4,	219.2,	0.0,	1.2);
( 127.3,	226.3,	0.0,	1.2);	( 120.2,	233.4,	0.0,	1.2);
( 113.1,	240.4,	0.0,	1.2);	( 106.1,	247.5,	0.0,	1.2);
( 240.4,	99.0,	0.0,	1.2);	( 233.4,	106.1,	0.0,	1.2);
( 226.3,	113.1,	0.0,	1.2);	( 219.2,	120.2,	0.0,	1.2);
( 212.1,	127.3,	0.0,	1.2);	( 205.1,	134.4,	0.0,	1.2);
( 198.0,	141.4,	0.0,	1.2);	( 190.9,	148.5,	0.0,	1.2);
( 187.4,	152.0,	0.0,	1.2);	( 183.9,	155.6,	0.0,	1.2);
( 181.7,	157.7,	0.0,	1.2);	( 180.3,	159.1,	0.0,	1.2);
( 178.9,	160.5,	0.0,	1.2);	( 177.5,	161.9,	0.0,	1.2);
( 176.1,	163.3,	0.0,	1.2);	( 163.3,	176.1,	0.0,	1.2);
( 161.9,	177.5,	0.0,	1.2);	( 160.5,	178.9,	0.0,	1.2);
( 159.1,	180.3,	0.0,	1.2);	( 157.7,	181.7,	0.0,	1.2);
( 155.6,	183.9,	0.0,	1.2);	( 152.0,	187.4,	0.0,	1.2);
( 148.5,	190.9,	0.0,	1.2);	( 141.4,	198.0,	0.0,	1.2);
( 134.4,	205.1,	0.0,	1.2);	( 127.3,	212.1,	0.0,	1.2);
( 120.2,	219.2,	0.0,	1.2);	( 113.1,	226.3,	0.0,	1.2);
( 106.1,	233.4,	0.0,	1.2);	( 99.0,	240.4,	0.0,	1.2);
( 233.4,	91.9,	0.0,	1.2);	( 226.3,	99.0,	0.0,	1.2);
( 219.2,	106.1,	0.0,	1.2);	( 212.1,	113.1,	0.0,	1.2);
( 205.1,	120.2,	0.0,	1.2);	( 198.0,	127.3,	0.0,	1.2);
( 190.9,	134.4,	0.0,	1.2);	( 183.9,	141.4,	0.0,	1.2);
( 180.3,	145.0,	0.0,	1.2);	( 176.8,	148.5,	0.0,	1.2);
( 174.7,	150.6,	0.0,	1.2);	( 173.2,	152.0,	0.0,	1.2);
( 171.8,	153.4,	0.0,	1.2);	( 170.4,	154.9,	0.0,	1.2);
( 169.0,	156.3,	0.0,	1.2);	( 156.3,	169.0,	0.0,	1.2);
( 154.9,	170.4,	0.0,	1.2);	( 153.4,	171.8,	0.0,	1.2);
( 152.0,	173.2,	0.0,	1.2);	( 150.6,	174.7,	0.0,	1.2);
( 148.5,	176.8,	0.0,	1.2);	( 145.0,	180.3,	0.0,	1.2);
( 141.4,	183.9,	0.0,	1.2);	( 134.4,	190.9,	0.0,	1.2);
( 127.3,	198.0,	0.0,	1.2);	( 120.2,	205.1,	0.0,	1.2);
( 113.1,	212.1,	0.0,	1.2);	( 106.1,	219.2,	0.0,	1.2);
( 99.0,	226.3,	0.0,	1.2);	( 91.9,	233.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 226.3, 84.8, 0.0, 1.2);	( 219.2, 91.9, 0.0, 1.2);
( 212.1, 99.0, 0.0, 1.2);	( 205.1, 106.1, 0.0, 1.2);
( 198.0, 113.1, 0.0, 1.2);	( 190.9, 120.2, 0.0, 1.2);
( 183.9, 127.3, 0.0, 1.2);	( 176.8, 134.4, 0.0, 1.2);
( 173.2, 137.9, 0.0, 1.2);	( 169.7, 141.4, 0.0, 1.2);
( 167.6, 143.5, 0.0, 1.2);	( 166.2, 145.0, 0.0, 1.2);
( 164.8, 146.4, 0.0, 1.2);	( 163.3, 147.8, 0.0, 1.2);
( 161.9, 149.2, 0.0, 1.2);	( 149.2, 161.9, 0.0, 1.2);
( 147.8, 163.3, 0.0, 1.2);	( 146.4, 164.8, 0.0, 1.2);
( 145.0, 166.2, 0.0, 1.2);	( 143.5, 167.6, 0.0, 1.2);
( 141.4, 169.7, 0.0, 1.2);	( 137.9, 173.2, 0.0, 1.2);
( 134.4, 176.8, 0.0, 1.2);	( 127.3, 183.9, 0.0, 1.2);
( 120.2, 190.9, 0.0, 1.2);	( 113.1, 198.0, 0.0, 1.2);
( 106.1, 205.1, 0.0, 1.2);	( 99.0, 212.1, 0.0, 1.2);
( 91.9, 219.2, 0.0, 1.2);	( 84.8, 226.3, 0.0, 1.2);
( 219.2, 77.8, 0.0, 1.2);	( 212.1, 84.8, 0.0, 1.2);
( 205.1, 91.9, 0.0, 1.2);	( 198.0, 99.0, 0.0, 1.2);
( 190.9, 106.1, 0.0, 1.2);	( 183.9, 113.1, 0.0, 1.2);
( 176.8, 120.2, 0.0, 1.2);	( 169.7, 127.3, 0.0, 1.2);
( 166.2, 130.8, 0.0, 1.2);	( 162.6, 134.4, 0.0, 1.2);
( 160.5, 136.5, 0.0, 1.2);	( 159.1, 137.9, 0.0, 1.2);
( 157.7, 139.3, 0.0, 1.2);	( 156.3, 140.7, 0.0, 1.2);
( 154.9, 142.1, 0.0, 1.2);	( 142.1, 154.9, 0.0, 1.2);
( 140.7, 156.3, 0.0, 1.2);	( 139.3, 157.7, 0.0, 1.2);
( 137.9, 159.1, 0.0, 1.2);	( 136.5, 160.5, 0.0, 1.2);
( 134.4, 162.6, 0.0, 1.2);	( 130.8, 166.2, 0.0, 1.2);
( 127.3, 169.7, 0.0, 1.2);	( 120.2, 176.8, 0.0, 1.2);
( 113.1, 183.9, 0.0, 1.2);	( 106.1, 190.9, 0.0, 1.2);
( 99.0, 198.0, 0.0, 1.2);	( 91.9, 205.1, 0.0, 1.2);
( 84.8, 212.1, 0.0, 1.2);	( 77.8, 219.2, 0.0, 1.2);
( 212.1, 70.7, 0.0, 1.2);	( 205.1, 77.8, 0.0, 1.2);
( 198.0, 84.8, 0.0, 1.2);	( 190.9, 91.9, 0.0, 1.2);
( 183.9, 99.0, 0.0, 1.2);	( 176.8, 106.1, 0.0, 1.2);
( 169.7, 113.1, 0.0, 1.2);	( 162.6, 120.2, 0.0, 1.2);
( 159.1, 123.7, 0.0, 1.2);	( 155.6, 127.3, 0.0, 1.2);
( 153.4, 129.4, 0.0, 1.2);	( 152.0, 130.8, 0.0, 1.2);
( 150.6, 132.2, 0.0, 1.2);	( 149.2, 133.6, 0.0, 1.2);
( 147.8, 135.1, 0.0, 1.2);	( 135.1, 147.8, 0.0, 1.2);
( 133.6, 149.2, 0.0, 1.2);	( 132.2, 150.6, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 130.8,	152.0,	0.0,	1.2);	( 129.4,	153.4,	0.0,	1.2);
( 127.3,	155.6,	0.0,	1.2);	( 123.7,	159.1,	0.0,	1.2);
( 120.2,	162.6,	0.0,	1.2);	( 113.1,	169.7,	0.0,	1.2);
( 106.1,	176.8,	0.0,	1.2);	( 99.0,	183.9,	0.0,	1.2);
( 91.9,	190.9,	0.0,	1.2);	( 84.8,	198.0,	0.0,	1.2);
( 77.8,	205.1,	0.0,	1.2);	( 70.7,	212.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 205.1,	63.6,	0.0,	1.2);	( 198.0,	70.7,	0.0,	1.2);
( 190.9,	77.8,	0.0,	1.2);	( 183.9,	84.8,	0.0,	1.2);
( 176.8,	91.9,	0.0,	1.2);	( 169.7,	99.0,	0.0,	1.2);
( 162.6,	106.1,	0.0,	1.2);	( 155.6,	113.1,	0.0,	1.2);
( 152.0,	116.7,	0.0,	1.2);	( 148.5,	120.2,	0.0,	1.2);
( 146.4,	122.3,	0.0,	1.2);	( 145.0,	123.7,	0.0,	1.2);
( 143.5,	125.2,	0.0,	1.2);	( 142.1,	126.6,	0.0,	1.2);
( 140.7,	128.0,	0.0,	1.2);	( 128.0,	140.7,	0.0,	1.2);
( 126.6,	142.1,	0.0,	1.2);	( 125.2,	143.5,	0.0,	1.2);
( 123.7,	145.0,	0.0,	1.2);	( 122.3,	146.4,	0.0,	1.2);
( 120.2,	148.5,	0.0,	1.2);	( 116.7,	152.0,	0.0,	1.2);
( 113.1,	155.6,	0.0,	1.2);	( 106.1,	162.6,	0.0,	1.2);
( 99.0,	169.7,	0.0,	1.2);	( 91.9,	176.8,	0.0,	1.2);
( 84.8,	183.9,	0.0,	1.2);	( 77.8,	190.9,	0.0,	1.2);
( 70.7,	198.0,	0.0,	1.2);	( 63.6,	205.1,	0.0,	1.2);
( 198.0,	56.6,	0.0,	1.2);	( 190.9,	63.6,	0.0,	1.2);
( 183.9,	70.7,	0.0,	1.2);	( 176.8,	77.8,	0.0,	1.2);
( 169.7,	84.8,	0.0,	1.2);	( 162.6,	91.9,	0.0,	1.2);
( 155.6,	99.0,	0.0,	1.2);	( 148.5,	106.1,	0.0,	1.2);
( 145.0,	109.6,	0.0,	1.2);	( 141.4,	113.1,	0.0,	1.2);
( 139.3,	115.3,	0.0,	1.2);	( 137.9,	116.7,	0.0,	1.2);
( 136.5,	118.1,	0.0,	1.2);	( 135.1,	119.5,	0.0,	1.2);
( 133.6,	120.9,	0.0,	1.2);	( 120.9,	133.6,	0.0,	1.2);
( 119.5,	135.1,	0.0,	1.2);	( 118.1,	136.5,	0.0,	1.2);
( 116.7,	137.9,	0.0,	1.2);	( 115.3,	139.3,	0.0,	1.2);
( 113.1,	141.4,	0.0,	1.2);	( 109.6,	145.0,	0.0,	1.2);
( 106.1,	148.5,	0.0,	1.2);	( 99.0,	155.6,	0.0,	1.2);
( 91.9,	162.6,	0.0,	1.2);	( 84.8,	169.7,	0.0,	1.2);
( 77.8,	176.8,	0.0,	1.2);	( 70.7,	183.9,	0.0,	1.2);
( 63.6,	190.9,	0.0,	1.2);	( 56.6,	198.0,	0.0,	1.2);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 176.8,	63.6,	0.0,	1.2);	( 169.7,	70.7,	0.0,	1.2);
( 162.6,	77.8,	0.0,	1.2);	( 155.6,	84.8,	0.0,	1.2);
( 148.5,	91.9,	0.0,	1.2);	( 141.4,	99.0,	0.0,	1.2);
( 137.9,	102.5,	0.0,	1.2);	( 134.4,	106.1,	0.0,	1.2);
( 132.2,	108.2,	0.0,	1.2);	( 130.8,	109.6,	0.0,	1.2);
( 129.4,	111.0,	0.0,	1.2);	( 128.0,	112.4,	0.0,	1.2);
( 126.6,	113.8,	0.0,	1.2);	( 113.8,	126.6,	0.0,	1.2);
( 112.4,	128.0,	0.0,	1.2);	( 111.0,	129.4,	0.0,	1.2);
( 109.6,	130.8,	0.0,	1.2);	( 108.2,	132.2,	0.0,	1.2);
( 106.1,	134.4,	0.0,	1.2);	( 102.5,	137.9,	0.0,	1.2);
( 99.0,	141.4,	0.0,	1.2);	( 91.9,	148.5,	0.0,	1.2);
( 84.8,	155.6,	0.0,	1.2);	( 77.8,	162.6,	0.0,	1.2);
( 70.7,	169.7,	0.0,	1.2);	( 63.6,	176.8,	0.0,	1.2);
( 56.6,	183.9,	0.0,	1.2);	( 49.5,	190.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 169.7,	56.6,	0.0,	1.2);	( 162.6,	63.6,	0.0,	1.2);
( 155.6,	70.7,	0.0,	1.2);	( 148.5,	77.8,	0.0,	1.2);
( 141.4,	84.8,	0.0,	1.2);	( 134.4,	91.9,	0.0,	1.2);
( 130.8,	95.5,	0.0,	1.2);	( 127.3,	99.0,	0.0,	1.2);
( 125.2,	101.1,	0.0,	1.2);	( 123.7,	102.5,	0.0,	1.2);
( 122.3,	103.9,	0.0,	1.2);	( 120.9,	105.4,	0.0,	1.2);
( 119.5,	106.8,	0.0,	1.2);	( 106.8,	119.5,	0.0,	1.2);
( 105.4,	120.9,	0.0,	1.2);	( 103.9,	122.3,	0.0,	1.2);
( 102.5,	123.7,	0.0,	1.2);	( 101.1,	125.2,	0.0,	1.2);
( 99.0,	127.3,	0.0,	1.2);	( 95.5,	130.8,	0.0,	1.2);
( 91.9,	134.4,	0.0,	1.2);	( 84.8,	141.4,	0.0,	1.2);
( 77.8,	148.5,	0.0,	1.2);	( 70.7,	155.6,	0.0,	1.2);
( 63.6,	162.6,	0.0,	1.2);	( 56.6,	169.7,	0.0,	1.2);
( 49.5,	176.8,	0.0,	1.2);	( 42.4,	183.9,	0.0,	1.2);
( 176.8,	35.4,	0.0,	1.2);	( 169.7,	42.4,	0.0,	1.2);
( 162.6,	49.5,	0.0,	1.2);	( 155.6,	56.6,	0.0,	1.2);
( 148.5,	63.6,	0.0,	1.2);	( 141.4,	70.7,	0.0,	1.2);
( 134.4,	77.8,	0.0,	1.2);	( 127.3,	84.8,	0.0,	1.2);
( 123.7,	88.4,	0.0,	1.2);	( 120.2,	91.9,	0.0,	1.2);
( 118.1,	94.1,	0.0,	1.2);	( 116.7,	95.5,	0.0,	1.2);
( 115.3,	96.9,	0.0,	1.2);	( 113.8,	98.3,	0.0,	1.2);
( 112.4,	99.7,	0.0,	1.2);	( 99.7,	112.4,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 98.3,	113.8,	0.0,	1.2);	( 96.9,	115.3,	0.0,	1.2);
( 95.5,	116.7,	0.0,	1.2);	( 94.1,	118.1,	0.0,	1.2);
( 91.9,	120.2,	0.0,	1.2);	( 88.4,	123.7,	0.0,	1.2);
( 84.8,	127.3,	0.0,	1.2);	( 77.8,	134.4,	0.0,	1.2);
( 70.7,	141.4,	0.0,	1.2);	( 63.6,	148.5,	0.0,	1.2);
( 56.6,	155.6,	0.0,	1.2);	( 49.5,	162.6,	0.0,	1.2);
( 42.4,	169.7,	0.0,	1.2);	( 35.4,	176.8,	0.0,	1.2);
( 169.7,	28.3,	0.0,	1.2);	( 162.6,	35.4,	0.0,	1.2);
( 155.6,	42.4,	0.0,	1.2);	( 148.5,	49.5,	0.0,	1.2);
( 141.4,	56.6,	0.0,	1.2);	( 134.4,	63.6,	0.0,	1.2);
( 127.3,	70.7,	0.0,	1.2);	( 120.2,	77.8,	0.0,	1.2);
( 116.7,	81.3,	0.0,	1.2);	( 113.1,	84.8,	0.0,	1.2);
( 111.0,	87.0,	0.0,	1.2);	( 109.6,	88.4,	0.0,	1.2);
( 108.2,	89.8,	0.0,	1.2);	( 106.8,	91.2,	0.0,	1.2);
( 105.4,	92.6,	0.0,	1.2);	( 92.6,	105.4,	0.0,	1.2);
( 91.2,	106.8,	0.0,	1.2);	( 89.8,	108.2,	0.0,	1.2);
( 88.4,	109.6,	0.0,	1.2);	( 87.0,	111.0,	0.0,	1.2);
( 84.8,	113.1,	0.0,	1.2);	( 81.3,	116.7,	0.0,	1.2);
( 77.8,	120.2,	0.0,	1.2);	( 70.7,	127.3,	0.0,	1.2);
( 63.6,	134.4,	0.0,	1.2);	( 56.6,	141.4,	0.0,	1.2);
( 49.5,	148.5,	0.0,	1.2);	( 42.4,	155.6,	0.0,	1.2);
( 35.4,	162.6,	0.0,	1.2);	( 28.3,	169.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 8  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 162.6,	21.2,	0.0,	1.2);	( 155.6,	28.3,	0.0,	1.2);
( 148.5,	35.4,	0.0,	1.2);	( 141.4,	42.4,	0.0,	1.2);
( 134.4,	49.5,	0.0,	1.2);	( 127.3,	56.6,	0.0,	1.2);
( 120.2,	63.6,	0.0,	1.2);	( 113.1,	70.7,	0.0,	1.2);
( 109.6,	74.2,	0.0,	1.2);	( 106.1,	77.8,	0.0,	1.2);
( 103.9,	79.9,	0.0,	1.2);	( 102.5,	81.3,	0.0,	1.2);
( 101.1,	82.7,	0.0,	1.2);	( 99.7,	84.2,	0.0,	1.2);
( 98.3,	85.6,	0.0,	1.2);	( 85.6,	98.3,	0.0,	1.2);
( 84.2,	99.7,	0.0,	1.2);	( 82.7,	101.1,	0.0,	1.2);
( 81.3,	102.5,	0.0,	1.2);	( 79.9,	103.9,	0.0,	1.2);
( 77.8,	106.1,	0.0,	1.2);	( 74.2,	109.6,	0.0,	1.2);
( 70.7,	113.1,	0.0,	1.2);	( 63.6,	120.2,	0.0,	1.2);
( 56.6,	127.3,	0.0,	1.2);	( 49.5,	134.4,	0.0,	1.2);
( 42.4,	141.4,	0.0,	1.2);	( 35.4,	148.5,	0.0,	1.2);
( 28.3,	155.6,	0.0,	1.2);	( 21.2,	162.6,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 155.6,	14.1,	0.0,	1.2);	( 148.5,	21.2,	0.0,	1.2);
( 141.4,	28.3,	0.0,	1.2);	( 134.4,	35.4,	0.0,	1.2);
( 127.3,	42.4,	0.0,	1.2);	( 120.2,	49.5,	0.0,	1.2);
( 113.1,	56.6,	0.0,	1.2);	( 106.1,	63.6,	0.0,	1.2);
( 102.5,	67.2,	0.0,	1.2);	( 99.0,	70.7,	0.0,	1.2);
( 96.9,	72.8,	0.0,	1.2);	( 95.5,	74.2,	0.0,	1.2);
( 94.1,	75.7,	0.0,	1.2);	( 92.6,	77.1,	0.0,	1.2);
( 91.2,	78.5,	0.0,	1.2);	( 78.5,	91.2,	0.0,	1.2);
( 77.1,	92.6,	0.0,	1.2);	( 75.7,	94.1,	0.0,	1.2);
( 74.2,	95.5,	0.0,	1.2);	( 72.8,	96.9,	0.0,	1.2);
( 70.7,	99.0,	0.0,	1.2);	( 67.2,	102.5,	0.0,	1.2);
( 63.6,	106.1,	0.0,	1.2);	( 56.6,	113.1,	0.0,	1.2);
( 49.5,	120.2,	0.0,	1.2);	( 42.4,	127.3,	0.0,	1.2);
( 35.4,	134.4,	0.0,	1.2);	( 28.3,	141.4,	0.0,	1.2);
( 21.2,	148.5,	0.0,	1.2);	( 14.1,	155.6,	0.0,	1.2);
( 148.5,	7.1,	0.0,	1.2);	( 141.4,	14.1,	0.0,	1.2);
( 134.4,	21.2,	0.0,	1.2);	( 127.3,	28.3,	0.0,	1.2);
( 120.2,	35.4,	0.0,	1.2);	( 113.1,	42.4,	0.0,	1.2);
( 106.1,	49.5,	0.0,	1.2);	( 99.0,	56.6,	0.0,	1.2);
( 95.5,	60.1,	0.0,	1.2);	( 91.9,	63.6,	0.0,	1.2);
( 89.8,	65.8,	0.0,	1.2);	( 88.4,	67.2,	0.0,	1.2);
( 87.0,	68.6,	0.0,	1.2);	( 85.6,	70.0,	0.0,	1.2);
( 84.2,	71.4,	0.0,	1.2);	( 71.4,	84.2,	0.0,	1.2);
( 70.0,	85.6,	0.0,	1.2);	( 68.6,	87.0,	0.0,	1.2);
( 67.2,	88.4,	0.0,	1.2);	( 65.8,	89.8,	0.0,	1.2);
( 63.6,	91.9,	0.0,	1.2);	( 60.1,	95.5,	0.0,	1.2);
( 56.6,	99.0,	0.0,	1.2);	( 49.5,	106.1,	0.0,	1.2);
( 42.4,	113.1,	0.0,	1.2);	( 35.4,	120.2,	0.0,	1.2);
( 28.3,	127.3,	0.0,	1.2);	( 21.2,	134.4,	0.0,	1.2);
( 14.1,	141.4,	0.0,	1.2);	( 7.1,	148.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 141.4,	0.0,	0.0,	1.2);	( 134.4,	7.1,	0.0,	1.2);
( 127.3,	14.1,	0.0,	1.2);	( 120.2,	21.2,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	35.4,	0.0,	1.2);
( 99.0,	42.4,	0.0,	1.2);	( 91.9,	49.5,	0.0,	1.2);
( 88.4,	53.0,	0.0,	1.2);	( 84.8,	56.6,	0.0,	1.2);
( 82.7,	58.7,	0.0,	1.2);	( 81.3,	60.1,	0.0,	1.2);
( 79.9,	61.5,	0.0,	1.2);	( 78.5,	62.9,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 77.1, 64.3, 0.0, 1.2);	( 64.3, 77.1, 0.0, 1.2);
( 62.9, 78.5, 0.0, 1.2);	( 61.5, 79.9, 0.0, 1.2);
( 60.1, 81.3, 0.0, 1.2);	( 58.7, 82.7, 0.0, 1.2);
( 56.6, 84.8, 0.0, 1.2);	( 53.0, 88.4, 0.0, 1.2);
( 49.5, 91.9, 0.0, 1.2);	( 42.4, 99.0, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 113.1, 0.0, 1.2);
( 21.2, 120.2, 0.0, 1.2);	( 14.1, 127.3, 0.0, 1.2);
( 7.1, 134.4, 0.0, 1.2);	( 0.0, 141.4, 0.0, 1.2);
( 134.4, -7.1, 0.0, 1.2);	( 127.3, 0.0, 0.0, 1.2);
( 120.2, 7.1, 0.0, 1.2);	( 113.1, 14.1, 0.0, 1.2);
( 106.1, 21.2, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 35.4, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 81.3, 46.0, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 75.7, 51.6, 0.0, 1.2);	( 74.2, 53.0, 0.0, 1.2);
( 72.8, 54.5, 0.0, 1.2);	( 71.4, 55.9, 0.0, 1.2);
( 70.0, 57.3, 0.0, 1.2);	( 57.3, 70.0, 0.0, 1.2);
( 55.9, 71.4, 0.0, 1.2);	( 54.5, 72.8, 0.0, 1.2);
( 53.0, 74.2, 0.0, 1.2);	( 51.6, 75.7, 0.0, 1.2);
( 49.5, 77.8, 0.0, 1.2);	( 46.0, 81.3, 0.0, 1.2);
( 42.4, 84.8, 0.0, 1.2);	( 35.4, 91.9, 0.0, 1.2);
( 28.3, 99.0, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 113.1, 0.0, 1.2);	( 7.1, 120.2, 0.0, 1.2);
( 0.0, 127.3, 0.0, 1.2);	( -7.1, 134.4, 0.0, 1.2);
( 127.3, -14.1, 0.0, 1.2);	( 120.2, -7.1, 0.0, 1.2);
( 113.1, 0.0, 0.0, 1.2);	( 106.1, 7.1, 0.0, 1.2);
( 99.0, 14.1, 0.0, 1.2);	( 91.9, 21.2, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 35.4, 0.0, 1.2);
( 74.2, 38.9, 0.0, 1.2);	( 70.7, 42.4, 0.0, 1.2);
( 68.6, 44.5, 0.0, 1.2);	( 67.2, 46.0, 0.0, 1.2);
( 65.8, 47.4, 0.0, 1.2);	( 64.3, 48.8, 0.0, 1.2);
( 62.9, 50.2, 0.0, 1.2);	( 50.2, 62.9, 0.0, 1.2);
( 48.8, 64.3, 0.0, 1.2);	( 47.4, 65.8, 0.0, 1.2);
( 46.0, 67.2, 0.0, 1.2);	( 44.5, 68.6, 0.0, 1.2);
( 42.4, 70.7, 0.0, 1.2);	( 38.9, 74.2, 0.0, 1.2);
( 35.4, 77.8, 0.0, 1.2);	( 28.3, 84.8, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 99.0, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 113.1, 0.0, 1.2);
( -7.1, 120.2, 0.0, 1.2);	( -14.1, 127.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

11NCRA\_PL91-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 120.2,	-21.2,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	7.1,	0.0,	1.2);	( 84.8,	14.1,	0.0,	1.2);
( 77.8,	21.2,	0.0,	1.2);	( 70.7,	28.3,	0.0,	1.2);
( 67.2,	31.8,	0.0,	1.2);	( 63.6,	35.4,	0.0,	1.2);
( 61.5,	37.5,	0.0,	1.2);	( 60.1,	38.9,	0.0,	1.2);
( 58.7,	40.3,	0.0,	1.2);	( 57.3,	41.7,	0.0,	1.2);
( 55.9,	43.1,	0.0,	1.2);	( 43.1,	55.9,	0.0,	1.2);
( 41.7,	57.3,	0.0,	1.2);	( 40.3,	58.7,	0.0,	1.2);
( 38.9,	60.1,	0.0,	1.2);	( 37.5,	61.5,	0.0,	1.2);
( 35.4,	63.6,	0.0,	1.2);	( 31.8,	67.2,	0.0,	1.2);
( 28.3,	70.7,	0.0,	1.2);	( 21.2,	77.8,	0.0,	1.2);
( 14.1,	84.8,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	99.0,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	113.1,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-21.2,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	7.1,	0.0,	1.2);
( 70.7,	14.1,	0.0,	1.2);	( 63.6,	21.2,	0.0,	1.2);
( 60.1,	24.8,	0.0,	1.2);	( 56.6,	28.3,	0.0,	1.2);
( 54.5,	30.4,	0.0,	1.2);	( 53.0,	31.8,	0.0,	1.2);
( 51.6,	33.2,	0.0,	1.2);	( 50.2,	34.7,	0.0,	1.2);
( 48.8,	36.1,	0.0,	1.2);	( 36.1,	48.8,	0.0,	1.2);
( 34.7,	50.2,	0.0,	1.2);	( 33.2,	51.6,	0.0,	1.2);
( 31.8,	53.0,	0.0,	1.2);	( 30.4,	54.5,	0.0,	1.2);
( 28.3,	56.6,	0.0,	1.2);	( 24.8,	60.1,	0.0,	1.2);
( 21.2,	63.6,	0.0,	1.2);	( 14.1,	70.7,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	84.8,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	99.0,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	113.1,	0.0,	1.2);
( 106.1,	-35.4,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-21.2,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-7.1,	0.0,	1.2);	( 70.7,	0.0,	0.0,	1.2);
( 63.6,	7.1,	0.0,	1.2);	( 56.6,	14.1,	0.0,	1.2);
( 53.0,	17.7,	0.0,	1.2);	( 49.5,	21.2,	0.0,	1.2);
( 47.4,	23.3,	0.0,	1.2);	( 46.0,	24.8,	0.0,	1.2);
( 44.5,	26.2,	0.0,	1.2);	( 43.1,	27.6,	0.0,	1.2);
( 41.7,	29.0,	0.0,	1.2);	( 29.0,	41.7,	0.0,	1.2);
( 27.6,	43.1,	0.0,	1.2);	( 26.2,	44.5,	0.0,	1.2);
( 24.8,	46.0,	0.0,	1.2);	( 23.3,	47.4,	0.0,	1.2);
( 21.2,	49.5,	0.0,	1.2);	( 17.7,	53.0,	0.0,	1.2);
( 14.1,	56.6,	0.0,	1.2);	( 7.1,	63.6,	0.0,	1.2);
( 0.0,	70.7,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -14.1, 84.8, 0.0, 1.2); ( -21.2, 91.9, 0.0, 1.2);  
( -28.3, 99.0, 0.0, 1.2); ( -35.4, 106.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 99.0, -42.4, 0.0, 1.2); ( 91.9, -35.4, 0.0, 1.2);  
( 84.8, -28.3, 0.0, 1.2); ( 77.8, -21.2, 0.0, 1.2);  
( 70.7, -14.1, 0.0, 1.2); ( 63.6, -7.1, 0.0, 1.2);  
( 56.6, 0.0, 0.0, 1.2); ( 49.5, 7.1, 0.0, 1.2);  
( 46.0, 10.6, 0.0, 1.2); ( 42.4, 14.1, 0.0, 1.2);  
( 40.3, 16.3, 0.0, 1.2); ( 38.9, 17.7, 0.0, 1.2);  
( 37.5, 19.1, 0.0, 1.2); ( 36.1, 20.5, 0.0, 1.2);  
( 34.7, 21.9, 0.0, 1.2); ( 21.9, 34.7, 0.0, 1.2);  
( 20.5, 36.1, 0.0, 1.2); ( 19.1, 37.5, 0.0, 1.2);  
( 17.7, 38.9, 0.0, 1.2); ( 16.3, 40.3, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 10.6, 46.0, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 56.6, 0.0, 1.2);  
( -7.1, 63.6, 0.0, 1.2); ( -14.1, 70.7, 0.0, 1.2);  
( -21.2, 77.8, 0.0, 1.2); ( -28.3, 84.8, 0.0, 1.2);  
( -35.4, 91.9, 0.0, 1.2); ( -42.4, 99.0, 0.0, 1.2);  
( 91.9, -49.5, 0.0, 1.2); ( 84.8, -42.4, 0.0, 1.2);  
( 77.8, -35.4, 0.0, 1.2); ( 70.7, -28.3, 0.0, 1.2);  
( 63.6, -21.2, 0.0, 1.2); ( 56.6, -14.1, 0.0, 1.2);  
( 49.5, -7.1, 0.0, 1.2); ( 42.4, 0.0, 0.0, 1.2);  
( 38.9, 3.5, 0.0, 1.2); ( 35.4, 7.1, 0.0, 1.2);  
( 33.2, 9.2, 0.0, 1.2); ( 31.8, 10.6, 0.0, 1.2);  
( 30.4, 12.0, 0.0, 1.2); ( 29.0, 13.4, 0.0, 1.2);  
( 27.6, 14.9, 0.0, 1.2); ( 14.9, 27.6, 0.0, 1.2);  
( 13.4, 29.0, 0.0, 1.2); ( 12.0, 30.4, 0.0, 1.2);  
( 10.6, 31.8, 0.0, 1.2); ( 9.2, 33.2, 0.0, 1.2);  
( 7.1, 35.4, 0.0, 1.2); ( 3.5, 38.9, 0.0, 1.2);  
( 0.0, 42.4, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -14.1, 56.6, 0.0, 1.2); ( -21.2, 63.6, 0.0, 1.2);  
( -28.3, 70.7, 0.0, 1.2); ( -35.4, 77.8, 0.0, 1.2);  
( -42.4, 84.8, 0.0, 1.2); ( -49.5, 91.9, 0.0, 1.2);  
( 84.8, -56.6, 0.0, 1.2); ( 77.8, -49.5, 0.0, 1.2);  
( 70.7, -42.4, 0.0, 1.2); ( 63.6, -35.4, 0.0, 1.2);  
( 56.6, -28.3, 0.0, 1.2); ( 49.5, -21.2, 0.0, 1.2);  
( 42.4, -14.1, 0.0, 1.2); ( 35.4, -7.1, 0.0, 1.2);  
( 31.8, -3.5, 0.0, 1.2); ( 28.3, 0.0, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 26.2,	2.1,	0.0,	1.2);	( 24.8,	3.5,	0.0,	1.2);
( 23.3,	4.9,	0.0,	1.2);	( 21.9,	6.4,	0.0,	1.2);
( 20.5,	7.8,	0.0,	1.2);	( 7.8,	20.5,	0.0,	1.2);
( 6.4,	21.9,	0.0,	1.2);	( 4.9,	23.3,	0.0,	1.2);
( 3.5,	24.8,	0.0,	1.2);	( 2.1,	26.2,	0.0,	1.2);
( 0.0,	28.3,	0.0,	1.2);	( -3.5,	31.8,	0.0,	1.2);
( -7.1,	35.4,	0.0,	1.2);	( -14.1,	42.4,	0.0,	1.2);
( -21.2,	49.5,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -35.4,	63.6,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -49.5,	77.8,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 12  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 77.8,	-63.6,	0.0,	1.2);	( 70.7,	-56.6,	0.0,	1.2);
( 63.6,	-49.5,	0.0,	1.2);	( 56.6,	-42.4,	0.0,	1.2);
( 49.5,	-35.4,	0.0,	1.2);	( 42.4,	-28.3,	0.0,	1.2);
( 35.4,	-21.2,	0.0,	1.2);	( 28.3,	-14.1,	0.0,	1.2);
( 24.8,	-10.6,	0.0,	1.2);	( 21.2,	-7.1,	0.0,	1.2);
( 19.1,	-4.9,	0.0,	1.2);	( 17.7,	-3.5,	0.0,	1.2);
( 16.3,	-2.1,	0.0,	1.2);	( 14.9,	-0.7,	0.0,	1.2);
( 13.4,	0.7,	0.0,	1.2);	( 0.7,	13.4,	0.0,	1.2);
( -0.7,	14.9,	0.0,	1.2);	( -2.1,	16.3,	0.0,	1.2);
( -3.5,	17.7,	0.0,	1.2);	( -4.9,	19.1,	0.0,	1.2);
( -7.1,	21.2,	0.0,	1.2);	( -10.6,	24.8,	0.0,	1.2);
( -14.1,	28.3,	0.0,	1.2);	( -21.2,	35.4,	0.0,	1.2);
( -28.3,	42.4,	0.0,	1.2);	( -35.4,	49.5,	0.0,	1.2);
( -42.4,	56.6,	0.0,	1.2);	( -49.5,	63.6,	0.0,	1.2);
( -56.6,	70.7,	0.0,	1.2);	( -63.6,	77.8,	0.0,	1.2);
( 70.7,	-70.7,	0.0,	1.2);	( 63.6,	-63.6,	0.0,	1.2);
( 56.6,	-56.6,	0.0,	1.2);	( 49.5,	-49.5,	0.0,	1.2);
( 42.4,	-42.4,	0.0,	1.2);	( 35.4,	-35.4,	0.0,	1.2);
( 28.3,	-28.3,	0.0,	1.2);	( 21.2,	-21.2,	0.0,	1.2);
( 17.7,	-17.7,	0.0,	1.2);	( 14.1,	-14.1,	0.0,	1.2);
( 12.0,	-12.0,	0.0,	1.2);	( 10.6,	-10.6,	0.0,	1.2);
( 9.2,	-9.2,	0.0,	1.2);	( 7.8,	-7.8,	0.0,	1.2);
( 6.4,	-6.4,	0.0,	1.2);	( -6.4,	6.4,	0.0,	1.2);
( -7.8,	7.8,	0.0,	1.2);	( -9.2,	9.2,	0.0,	1.2);
( -10.6,	10.6,	0.0,	1.2);	( -12.0,	12.0,	0.0,	1.2);
( -14.1,	14.1,	0.0,	1.2);	( -17.7,	17.7,	0.0,	1.2);
( -21.2,	21.2,	0.0,	1.2);	( -28.3,	28.3,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -35.4, 35.4, 0.0, 1.2);	( -42.4, 42.4, 0.0, 1.2);
( -49.5, 49.5, 0.0, 1.2);	( -56.6, 56.6, 0.0, 1.2);
( -63.6, 63.6, 0.0, 1.2);	( -70.7, 70.7, 0.0, 1.2);
( 63.6, -77.8, 0.0, 1.2);	( 56.6, -70.7, 0.0, 1.2);
( 49.5, -63.6, 0.0, 1.2);	( 42.4, -56.6, 0.0, 1.2);
( 35.4, -49.5, 0.0, 1.2);	( 28.3, -42.4, 0.0, 1.2);
( 21.2, -35.4, 0.0, 1.2);	( 14.1, -28.3, 0.0, 1.2);
( 10.6, -24.8, 0.0, 1.2);	( 7.1, -21.2, 0.0, 1.2);
( 4.9, -19.1, 0.0, 1.2);	( 3.5, -17.7, 0.0, 1.2);
( 2.1, -16.3, 0.0, 1.2);	( 0.7, -14.9, 0.0, 1.2);
( -0.7, -13.4, 0.0, 1.2);	( -13.4, -0.7, 0.0, 1.2);
( -14.9, 0.7, 0.0, 1.2);	( -16.3, 2.1, 0.0, 1.2);
( -17.7, 3.5, 0.0, 1.2);	( -19.1, 4.9, 0.0, 1.2);
( -21.2, 7.1, 0.0, 1.2);	( -24.8, 10.6, 0.0, 1.2);
( -28.3, 14.1, 0.0, 1.2);	( -35.4, 21.2, 0.0, 1.2);
( -42.4, 28.3, 0.0, 1.2);	( -49.5, 35.4, 0.0, 1.2);
( -56.6, 42.4, 0.0, 1.2);	( -63.6, 49.5, 0.0, 1.2);
( -70.7, 56.6, 0.0, 1.2);	( -77.8, 63.6, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 56.6, -84.8, 0.0, 1.2);	( 49.5, -77.8, 0.0, 1.2);
( 42.4, -70.7, 0.0, 1.2);	( 35.4, -63.6, 0.0, 1.2);
( 28.3, -56.6, 0.0, 1.2);	( 21.2, -49.5, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 7.1, -35.4, 0.0, 1.2);
( 3.5, -31.8, 0.0, 1.2);	( 0.0, -28.3, 0.0, 1.2);
( -2.1, -26.2, 0.0, 1.2);	( -3.5, -24.8, 0.0, 1.2);
( -4.9, -23.3, 0.0, 1.2);	( -6.4, -21.9, 0.0, 1.2);
( -7.8, -20.5, 0.0, 1.2);	( -20.5, -7.8, 0.0, 1.2);
( -21.9, -6.4, 0.0, 1.2);	( -23.3, -4.9, 0.0, 1.2);
( -24.8, -3.5, 0.0, 1.2);	( -26.2, -2.1, 0.0, 1.2);
( -28.3, 0.0, 0.0, 1.2);	( -31.8, 3.5, 0.0, 1.2);
( -35.4, 7.1, 0.0, 1.2);	( -42.4, 14.1, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -56.6, 28.3, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -70.7, 42.4, 0.0, 1.2);
( -77.8, 49.5, 0.0, 1.2);	( -84.8, 56.6, 0.0, 1.2);
( 49.5, -91.9, 0.0, 1.2);	( 42.4, -84.8, 0.0, 1.2);
( 35.4, -77.8, 0.0, 1.2);	( 28.3, -70.7, 0.0, 1.2);
( 21.2, -63.6, 0.0, 1.2);	( 14.1, -56.6, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -42.4, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -3.5, -38.9, 0.0, 1.2);	( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2);	( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2);	( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2);	( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2);	( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2);	( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2);	( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2);	( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2);	( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2);	( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2);	( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2);	( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2);	( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2);	( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2);	( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2);	( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2);	( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2);	( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2);	( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2);	( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2);	( -99.0, 42.4, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 35.4, -106.1, 0.0, 1.2);	( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2);	( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2);	( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2);	( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2);	( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2);	( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2);	( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2);	( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2);	( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2);	( -53.0, -17.7, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-14.1,	0.0,	1.2);	( -63.6,	-7.1,	0.0,	1.2);
( -70.7,	0.0,	0.0,	1.2);	( -77.8,	7.1,	0.0,	1.2);
( -84.8,	14.1,	0.0,	1.2);	( -91.9,	21.2,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	35.4,	0.0,	1.2);
( 28.3,	-113.1,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-99.0,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-84.8,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-70.7,	0.0,	1.2);	( -21.2,	-63.6,	0.0,	1.2);
( -24.8,	-60.1,	0.0,	1.2);	( -28.3,	-56.6,	0.0,	1.2);
( -30.4,	-54.5,	0.0,	1.2);	( -31.8,	-53.0,	0.0,	1.2);
( -33.2,	-51.6,	0.0,	1.2);	( -34.7,	-50.2,	0.0,	1.2);
( -36.1,	-48.8,	0.0,	1.2);	( -48.8,	-36.1,	0.0,	1.2);
( -50.2,	-34.7,	0.0,	1.2);	( -51.6,	-33.2,	0.0,	1.2);
( -53.0,	-31.8,	0.0,	1.2);	( -54.5,	-30.4,	0.0,	1.2);
( -56.6,	-28.3,	0.0,	1.2);	( -60.1,	-24.8,	0.0,	1.2);
( -63.6,	-21.2,	0.0,	1.2);	( -70.7,	-14.1,	0.0,	1.2);
( -77.8,	-7.1,	0.0,	1.2);	( -84.8,	0.0,	0.0,	1.2);
( -91.9,	7.1,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	21.2,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-113.1,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-99.0,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-84.8,	0.0,	1.2);
( -21.2,	-77.8,	0.0,	1.2);	( -28.3,	-70.7,	0.0,	1.2);
( -31.8,	-67.2,	0.0,	1.2);	( -35.4,	-63.6,	0.0,	1.2);
( -37.5,	-61.5,	0.0,	1.2);	( -38.9,	-60.1,	0.0,	1.2);
( -40.3,	-58.7,	0.0,	1.2);	( -41.7,	-57.3,	0.0,	1.2);
( -43.1,	-55.9,	0.0,	1.2);	( -55.9,	-43.1,	0.0,	1.2);
( -57.3,	-41.7,	0.0,	1.2);	( -58.7,	-40.3,	0.0,	1.2);
( -60.1,	-38.9,	0.0,	1.2);	( -61.5,	-37.5,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -67.2,	-31.8,	0.0,	1.2);
( -70.7,	-28.3,	0.0,	1.2);	( -77.8,	-21.2,	0.0,	1.2);
( -84.8,	-14.1,	0.0,	1.2);	( -91.9,	-7.1,	0.0,	1.2);
( -99.0,	0.0,	0.0,	1.2);	( -106.1,	7.1,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 14.1,	-127.3,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-113.1,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-99.0,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -28.3,	-84.8,	0.0,	1.2);	( -35.4,	-77.8,	0.0,	1.2);
( -38.9,	-74.2,	0.0,	1.2);	( -42.4,	-70.7,	0.0,	1.2);
( -44.5,	-68.6,	0.0,	1.2);	( -46.0,	-67.2,	0.0,	1.2);
( -47.4,	-65.8,	0.0,	1.2);	( -48.8,	-64.3,	0.0,	1.2);
( -50.2,	-62.9,	0.0,	1.2);	( -62.9,	-50.2,	0.0,	1.2);
( -64.3,	-48.8,	0.0,	1.2);	( -65.8,	-47.4,	0.0,	1.2);
( -67.2,	-46.0,	0.0,	1.2);	( -68.6,	-44.5,	0.0,	1.2);
( -70.7,	-42.4,	0.0,	1.2);	( -74.2,	-38.9,	0.0,	1.2);
( -77.8,	-35.4,	0.0,	1.2);	( -84.8,	-28.3,	0.0,	1.2);
( -91.9,	-21.2,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	7.1,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-127.3,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-113.1,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-99.0,	0.0,	1.2);
( -35.4,	-91.9,	0.0,	1.2);	( -42.4,	-84.8,	0.0,	1.2);
( -46.0,	-81.3,	0.0,	1.2);	( -49.5,	-77.8,	0.0,	1.2);
( -51.6,	-75.7,	0.0,	1.2);	( -53.0,	-74.2,	0.0,	1.2);
( -54.5,	-72.8,	0.0,	1.2);	( -55.9,	-71.4,	0.0,	1.2);
( -57.3,	-70.0,	0.0,	1.2);	( -70.0,	-57.3,	0.0,	1.2);
( -71.4,	-55.9,	0.0,	1.2);	( -72.8,	-54.5,	0.0,	1.2);
( -74.2,	-53.0,	0.0,	1.2);	( -75.7,	-51.6,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -81.3,	-46.0,	0.0,	1.2);
( -84.8,	-42.4,	0.0,	1.2);	( -91.9,	-35.4,	0.0,	1.2);
( -99.0,	-28.3,	0.0,	1.2);	( -106.1,	-21.2,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	7.1,	0.0,	1.2);
( 0.0,	-141.4,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( -14.1,	-127.3,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);
( -28.3,	-113.1,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( -42.4,	-99.0,	0.0,	1.2);	( -49.5,	-91.9,	0.0,	1.2);
( -53.0,	-88.4,	0.0,	1.2);	( -56.6,	-84.8,	0.0,	1.2);
( -58.7,	-82.7,	0.0,	1.2);	( -60.1,	-81.3,	0.0,	1.2);
( -61.5,	-79.9,	0.0,	1.2);	( -62.9,	-78.5,	0.0,	1.2);
( -64.3,	-77.1,	0.0,	1.2);	( -77.1,	-64.3,	0.0,	1.2);
( -78.5,	-62.9,	0.0,	1.2);	( -79.9,	-61.5,	0.0,	1.2);
( -81.3,	-60.1,	0.0,	1.2);	( -82.7,	-58.7,	0.0,	1.2);
( -84.8,	-56.6,	0.0,	1.2);	( -88.4,	-53.0,	0.0,	1.2);
( -91.9,	-49.5,	0.0,	1.2);	( -99.0,	-42.4,	0.0,	1.2);
( -106.1,	-35.4,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( -120.2,	-21.2,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);
( -134.4,	-7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -7.1, -148.5, 0.0, 1.2);	( -14.1, -141.4, 0.0, 1.2);
( -21.2, -134.4, 0.0, 1.2);	( -28.3, -127.3, 0.0, 1.2);
( -35.4, -120.2, 0.0, 1.2);	( -42.4, -113.1, 0.0, 1.2);
( -49.5, -106.1, 0.0, 1.2);	( -56.6, -99.0, 0.0, 1.2);
( -60.1, -95.5, 0.0, 1.2);	( -63.6, -91.9, 0.0, 1.2);
( -65.8, -89.8, 0.0, 1.2);	( -67.2, -88.4, 0.0, 1.2);
( -68.6, -87.0, 0.0, 1.2);	( -70.0, -85.6, 0.0, 1.2);
( -71.4, -84.2, 0.0, 1.2);	( -84.2, -71.4, 0.0, 1.2);
( -85.6, -70.0, 0.0, 1.2);	( -87.0, -68.6, 0.0, 1.2);
( -88.4, -67.2, 0.0, 1.2);	( -89.8, -65.8, 0.0, 1.2);
( -91.9, -63.6, 0.0, 1.2);	( -95.5, -60.1, 0.0, 1.2);
( -99.0, -56.6, 0.0, 1.2);	( -106.1, -49.5, 0.0, 1.2);
( -113.1, -42.4, 0.0, 1.2);	( -120.2, -35.4, 0.0, 1.2);
( -127.3, -28.3, 0.0, 1.2);	( -134.4, -21.2, 0.0, 1.2);
( -141.4, -14.1, 0.0, 1.2);	( -148.5, -7.1, 0.0, 1.2);
( -14.1, -155.6, 0.0, 1.2);	( -21.2, -148.5, 0.0, 1.2);
( -28.3, -141.4, 0.0, 1.2);	( -35.4, -134.4, 0.0, 1.2);
( -42.4, -127.3, 0.0, 1.2);	( -49.5, -120.2, 0.0, 1.2);
( -56.6, -113.1, 0.0, 1.2);	( -63.6, -106.1, 0.0, 1.2);
( -67.2, -102.5, 0.0, 1.2);	( -70.7, -99.0, 0.0, 1.2);
( -72.8, -96.9, 0.0, 1.2);	( -74.2, -95.5, 0.0, 1.2);
( -75.7, -94.1, 0.0, 1.2);	( -77.1, -92.6, 0.0, 1.2);
( -78.5, -91.2, 0.0, 1.2);	( -91.2, -78.5, 0.0, 1.2);
( -92.6, -77.1, 0.0, 1.2);	( -94.1, -75.7, 0.0, 1.2);
( -95.5, -74.2, 0.0, 1.2);	( -96.9, -72.8, 0.0, 1.2);
( -99.0, -70.7, 0.0, 1.2);	( -102.5, -67.2, 0.0, 1.2);
( -106.1, -63.6, 0.0, 1.2);	( -113.1, -56.6, 0.0, 1.2);
( -120.2, -49.5, 0.0, 1.2);	( -127.3, -42.4, 0.0, 1.2);
( -134.4, -35.4, 0.0, 1.2);	( -141.4, -28.3, 0.0, 1.2);
( -148.5, -21.2, 0.0, 1.2);	( -155.6, -14.1, 0.0, 1.2);
( -21.2, -162.6, 0.0, 1.2);	( -28.3, -155.6, 0.0, 1.2);
( -35.4, -148.5, 0.0, 1.2);	( -42.4, -141.4, 0.0, 1.2);
( -49.5, -134.4, 0.0, 1.2);	( -56.6, -127.3, 0.0, 1.2);
( -63.6, -120.2, 0.0, 1.2);	( -70.7, -113.1, 0.0, 1.2);
( -74.2, -109.6, 0.0, 1.2);	( -77.8, -106.1, 0.0, 1.2);
( -79.9, -103.9, 0.0, 1.2);	( -81.3, -102.5, 0.0, 1.2);
( -82.7, -101.1, 0.0, 1.2);	( -84.2, -99.7, 0.0, 1.2);
( -85.6, -98.3, 0.0, 1.2);	( -98.3, -85.6, 0.0, 1.2);
( -99.7, -84.2, 0.0, 1.2);	( -101.1, -82.7, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -102.5,	-81.3,	0.0,	1.2);	( -103.9,	-79.9,	0.0,	1.2);
( -106.1,	-77.8,	0.0,	1.2);	( -109.6,	-74.2,	0.0,	1.2);
( -113.1,	-70.7,	0.0,	1.2);	( -120.2,	-63.6,	0.0,	1.2);
( -127.3,	-56.6,	0.0,	1.2);	( -134.4,	-49.5,	0.0,	1.2);
( -141.4,	-42.4,	0.0,	1.2);	( -148.5,	-35.4,	0.0,	1.2);
( -155.6,	-28.3,	0.0,	1.2);	( -162.6,	-21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -28.3,	-169.7,	0.0,	1.2);	( -35.4,	-162.6,	0.0,	1.2);
( -42.4,	-155.6,	0.0,	1.2);	( -49.5,	-148.5,	0.0,	1.2);
( -56.6,	-141.4,	0.0,	1.2);	( -63.6,	-134.4,	0.0,	1.2);
( -70.7,	-127.3,	0.0,	1.2);	( -77.8,	-120.2,	0.0,	1.2);
( -81.3,	-116.7,	0.0,	1.2);	( -84.8,	-113.1,	0.0,	1.2);
( -87.0,	-111.0,	0.0,	1.2);	( -88.4,	-109.6,	0.0,	1.2);
( -89.8,	-108.2,	0.0,	1.2);	( -91.2,	-106.8,	0.0,	1.2);
( -92.6,	-105.4,	0.0,	1.2);	( -105.4,	-92.6,	0.0,	1.2);
( -106.8,	-91.2,	0.0,	1.2);	( -108.2,	-89.8,	0.0,	1.2);
( -109.6,	-88.4,	0.0,	1.2);	( -111.0,	-87.0,	0.0,	1.2);
( -113.1,	-84.8,	0.0,	1.2);	( -116.7,	-81.3,	0.0,	1.2);
( -120.2,	-77.8,	0.0,	1.2);	( -127.3,	-70.7,	0.0,	1.2);
( -134.4,	-63.6,	0.0,	1.2);	( -141.4,	-56.6,	0.0,	1.2);
( -148.5,	-49.5,	0.0,	1.2);	( -155.6,	-42.4,	0.0,	1.2);
( -162.6,	-35.4,	0.0,	1.2);	( -169.7,	-28.3,	0.0,	1.2);
( -35.4,	-176.8,	0.0,	1.2);	( -42.4,	-169.7,	0.0,	1.2);
( -49.5,	-162.6,	0.0,	1.2);	( -56.6,	-155.6,	0.0,	1.2);
( -63.6,	-148.5,	0.0,	1.2);	( -70.7,	-141.4,	0.0,	1.2);
( -77.8,	-134.4,	0.0,	1.2);	( -84.8,	-127.3,	0.0,	1.2);
( -88.4,	-123.7,	0.0,	1.2);	( -91.9,	-120.2,	0.0,	1.2);
( -94.1,	-118.1,	0.0,	1.2);	( -95.5,	-116.7,	0.0,	1.2);
( -96.9,	-115.3,	0.0,	1.2);	( -98.3,	-113.8,	0.0,	1.2);
( -99.7,	-112.4,	0.0,	1.2);	( -112.4,	-99.7,	0.0,	1.2);
( -113.8,	-98.3,	0.0,	1.2);	( -115.3,	-96.9,	0.0,	1.2);
( -116.7,	-95.5,	0.0,	1.2);	( -118.1,	-94.1,	0.0,	1.2);
( -120.2,	-91.9,	0.0,	1.2);	( -123.7,	-88.4,	0.0,	1.2);
( -127.3,	-84.8,	0.0,	1.2);	( -134.4,	-77.8,	0.0,	1.2);
( -141.4,	-70.7,	0.0,	1.2);	( -148.5,	-63.6,	0.0,	1.2);
( -155.6,	-56.6,	0.0,	1.2);	( -162.6,	-49.5,	0.0,	1.2);
( -169.7,	-42.4,	0.0,	1.2);	( -176.8,	-35.4,	0.0,	1.2);
( -42.4,	-183.9,	0.0,	1.2);	( -49.5,	-176.8,	0.0,	1.2);



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -56.6, -169.7, 0.0, 1.2); ( -63.6, -162.6, 0.0, 1.2);
( -70.7, -155.6, 0.0, 1.2); ( -77.8, -148.5, 0.0, 1.2);
( -84.8, -141.4, 0.0, 1.2); ( -91.9, -134.4, 0.0, 1.2);
( -95.5, -130.8, 0.0, 1.2); ( -99.0, -127.3, 0.0, 1.2);
( -101.1, -125.2, 0.0, 1.2); ( -102.5, -123.7, 0.0, 1.2);
( -103.9, -122.3, 0.0, 1.2); ( -105.4, -120.9, 0.0, 1.2);
( -106.8, -119.5, 0.0, 1.2); ( -119.5, -106.8, 0.0, 1.2);
( -120.9, -105.4, 0.0, 1.2); ( -122.3, -103.9, 0.0, 1.2);
( -123.7, -102.5, 0.0, 1.2); ( -125.2, -101.1, 0.0, 1.2);
( -127.3, -99.0, 0.0, 1.2); ( -130.8, -95.5, 0.0, 1.2);
( -134.4, -91.9, 0.0, 1.2); ( -141.4, -84.8, 0.0, 1.2);
( -148.5, -77.8, 0.0, 1.2); ( -155.6, -70.7, 0.0, 1.2);
( -162.6, -63.6, 0.0, 1.2); ( -169.7, -56.6, 0.0, 1.2);
( -176.8, -49.5, 0.0, 1.2); ( -183.9, -42.4, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

```
( -49.5, -190.9, 0.0, 1.2); ( -56.6, -183.9, 0.0, 1.2);
( -63.6, -176.8, 0.0, 1.2); ( -70.7, -169.7, 0.0, 1.2);
( -77.8, -162.6, 0.0, 1.2); ( -84.8, -155.6, 0.0, 1.2);
( -91.9, -148.5, 0.0, 1.2); ( -99.0, -141.4, 0.0, 1.2);
( -102.5, -137.9, 0.0, 1.2); ( -106.1, -134.4, 0.0, 1.2);
( -108.2, -132.2, 0.0, 1.2); ( -109.6, -130.8, 0.0, 1.2);
( -111.0, -129.4, 0.0, 1.2); ( -112.4, -128.0, 0.0, 1.2);
( -113.8, -126.6, 0.0, 1.2); ( -126.6, -113.8, 0.0, 1.2);
( -128.0, -112.4, 0.0, 1.2); ( -129.4, -111.0, 0.0, 1.2);
( -130.8, -109.6, 0.0, 1.2); ( -132.2, -108.2, 0.0, 1.2);
( -134.4, -106.1, 0.0, 1.2); ( -137.9, -102.5, 0.0, 1.2);
( -141.4, -99.0, 0.0, 1.2); ( -148.5, -91.9, 0.0, 1.2);
( -155.6, -84.8, 0.0, 1.2); ( -162.6, -77.8, 0.0, 1.2);
( -169.7, -70.7, 0.0, 1.2); ( -176.8, -63.6, 0.0, 1.2);
( -183.9, -56.6, 0.0, 1.2); ( -190.9, -49.5, 0.0, 1.2);
( -56.6, -198.0, 0.0, 1.2); ( -63.6, -190.9, 0.0, 1.2);
( -70.7, -183.9, 0.0, 1.2); ( -77.8, -176.8, 0.0, 1.2);
( -84.8, -169.7, 0.0, 1.2); ( -91.9, -162.6, 0.0, 1.2);
( -99.0, -155.6, 0.0, 1.2); ( -106.1, -148.5, 0.0, 1.2);
( -109.6, -145.0, 0.0, 1.2); ( -113.1, -141.4, 0.0, 1.2);
( -115.3, -139.3, 0.0, 1.2); ( -116.7, -137.9, 0.0, 1.2);
( -118.1, -136.5, 0.0, 1.2); ( -119.5, -135.1, 0.0, 1.2);
( -120.9, -133.6, 0.0, 1.2); ( -133.6, -120.9, 0.0, 1.2);
```

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -135.1,	-119.5,	0.0,	1.2);	( -136.5,	-118.1,	0.0,	1.2);
( -137.9,	-116.7,	0.0,	1.2);	( -139.3,	-115.3,	0.0,	1.2);
( -141.4,	-113.1,	0.0,	1.2);	( -145.0,	-109.6,	0.0,	1.2);
( -148.5,	-106.1,	0.0,	1.2);	( -155.6,	-99.0,	0.0,	1.2);
( -162.6,	-91.9,	0.0,	1.2);	( -169.7,	-84.8,	0.0,	1.2);
( -176.8,	-77.8,	0.0,	1.2);	( -183.9,	-70.7,	0.0,	1.2);
( -190.9,	-63.6,	0.0,	1.2);	( -198.0,	-56.6,	0.0,	1.2);
( -63.6,	-205.1,	0.0,	1.2);	( -70.7,	-198.0,	0.0,	1.2);
( -77.8,	-190.9,	0.0,	1.2);	( -84.8,	-183.9,	0.0,	1.2);
( -91.9,	-176.8,	0.0,	1.2);	( -99.0,	-169.7,	0.0,	1.2);
( -106.1,	-162.6,	0.0,	1.2);	( -113.1,	-155.6,	0.0,	1.2);
( -116.7,	-152.0,	0.0,	1.2);	( -120.2,	-148.5,	0.0,	1.2);
( -122.3,	-146.4,	0.0,	1.2);	( -123.7,	-145.0,	0.0,	1.2);
( -125.2,	-143.5,	0.0,	1.2);	( -126.6,	-142.1,	0.0,	1.2);
( -128.0,	-140.7,	0.0,	1.2);	( -140.7,	-128.0,	0.0,	1.2);
( -142.1,	-126.6,	0.0,	1.2);	( -143.5,	-125.2,	0.0,	1.2);
( -145.0,	-123.7,	0.0,	1.2);	( -146.4,	-122.3,	0.0,	1.2);
( -148.5,	-120.2,	0.0,	1.2);	( -152.0,	-116.7,	0.0,	1.2);
( -155.6,	-113.1,	0.0,	1.2);	( -162.6,	-106.1,	0.0,	1.2);
( -169.7,	-99.0,	0.0,	1.2);	( -176.8,	-91.9,	0.0,	1.2);
( -183.9,	-84.8,	0.0,	1.2);	( -190.9,	-77.8,	0.0,	1.2);
( -198.0,	-70.7,	0.0,	1.2);	( -205.1,	-63.6,	0.0,	1.2);

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -70.7,	-212.1,	0.0,	1.2);	( -77.8,	-205.1,	0.0,	1.2);
( -84.8,	-198.0,	0.0,	1.2);	( -91.9,	-190.9,	0.0,	1.2);
( -99.0,	-183.9,	0.0,	1.2);	( -106.1,	-176.8,	0.0,	1.2);
( -113.1,	-169.7,	0.0,	1.2);	( -120.2,	-162.6,	0.0,	1.2);
( -123.7,	-159.1,	0.0,	1.2);	( -127.3,	-155.6,	0.0,	1.2);
( -129.4,	-153.4,	0.0,	1.2);	( -130.8,	-152.0,	0.0,	1.2);
( -132.2,	-150.6,	0.0,	1.2);	( -133.6,	-149.2,	0.0,	1.2);
( -135.1,	-147.8,	0.0,	1.2);	( -147.8,	-135.1,	0.0,	1.2);
( -149.2,	-133.6,	0.0,	1.2);	( -150.6,	-132.2,	0.0,	1.2);
( -152.0,	-130.8,	0.0,	1.2);	( -153.4,	-129.4,	0.0,	1.2);
( -155.6,	-127.3,	0.0,	1.2);	( -159.1,	-123.7,	0.0,	1.2);
( -162.6,	-120.2,	0.0,	1.2);	( -169.7,	-113.1,	0.0,	1.2);
( -176.8,	-106.1,	0.0,	1.2);	( -183.9,	-99.0,	0.0,	1.2);
( -190.9,	-91.9,	0.0,	1.2);	( -198.0,	-84.8,	0.0,	1.2);
( -205.1,	-77.8,	0.0,	1.2);	( -212.1,	-70.7,	0.0,	1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -77.8, -219.2, 0.0, 1.2);	( -84.8, -212.1, 0.0, 1.2);
( -91.9, -205.1, 0.0, 1.2);	( -99.0, -198.0, 0.0, 1.2);
( -106.1, -190.9, 0.0, 1.2);	( -113.1, -183.9, 0.0, 1.2);
( -120.2, -176.8, 0.0, 1.2);	( -127.3, -169.7, 0.0, 1.2);
( -130.8, -166.2, 0.0, 1.2);	( -134.4, -162.6, 0.0, 1.2);
( -136.5, -160.5, 0.0, 1.2);	( -137.9, -159.1, 0.0, 1.2);
( -139.3, -157.7, 0.0, 1.2);	( -140.7, -156.3, 0.0, 1.2);
( -142.1, -154.9, 0.0, 1.2);	( -154.9, -142.1, 0.0, 1.2);
( -156.3, -140.7, 0.0, 1.2);	( -157.7, -139.3, 0.0, 1.2);
( -159.1, -137.9, 0.0, 1.2);	( -160.5, -136.5, 0.0, 1.2);
( -162.6, -134.4, 0.0, 1.2);	( -166.2, -130.8, 0.0, 1.2);
( -169.7, -127.3, 0.0, 1.2);	( -176.8, -120.2, 0.0, 1.2);
( -183.9, -113.1, 0.0, 1.2);	( -190.9, -106.1, 0.0, 1.2);
( -198.0, -99.0, 0.0, 1.2);	( -205.1, -91.9, 0.0, 1.2);
( -212.1, -84.8, 0.0, 1.2);	( -219.2, -77.8, 0.0, 1.2);
( -84.8, -226.3, 0.0, 1.2);	( -91.9, -219.2, 0.0, 1.2);
( -99.0, -212.1, 0.0, 1.2);	( -106.1, -205.1, 0.0, 1.2);
( -113.1, -198.0, 0.0, 1.2);	( -120.2, -190.9, 0.0, 1.2);
( -127.3, -183.9, 0.0, 1.2);	( -134.4, -176.8, 0.0, 1.2);
( -137.9, -173.2, 0.0, 1.2);	( -141.4, -169.7, 0.0, 1.2);
( -143.5, -167.6, 0.0, 1.2);	( -145.0, -166.2, 0.0, 1.2);
( -146.4, -164.8, 0.0, 1.2);	( -147.8, -163.3, 0.0, 1.2);
( -149.2, -161.9, 0.0, 1.2);	( -161.9, -149.2, 0.0, 1.2);
( -163.3, -147.8, 0.0, 1.2);	( -164.8, -146.4, 0.0, 1.2);
( -166.2, -145.0, 0.0, 1.2);	( -167.6, -143.5, 0.0, 1.2);
( -169.7, -141.4, 0.0, 1.2);	( -173.2, -137.9, 0.0, 1.2);
( -176.8, -134.4, 0.0, 1.2);	( -183.9, -127.3, 0.0, 1.2);
( -190.9, -120.2, 0.0, 1.2);	( -198.0, -113.1, 0.0, 1.2);
( -205.1, -106.1, 0.0, 1.2);	( -212.1, -99.0, 0.0, 1.2);
( -219.2, -91.9, 0.0, 1.2);	( -226.3, -84.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -91.9, -233.4, 0.0, 1.2);	( -99.0, -226.3, 0.0, 1.2);
( -106.1, -219.2, 0.0, 1.2);	( -113.1, -212.1, 0.0, 1.2);
( -120.2, -205.1, 0.0, 1.2);	( -127.3, -198.0, 0.0, 1.2);
( -134.4, -190.9, 0.0, 1.2);	( -141.4, -183.9, 0.0, 1.2);
( -145.0, -180.3, 0.0, 1.2);	( -148.5, -176.8, 0.0, 1.2);
( -150.6, -174.7, 0.0, 1.2);	( -152.0, -173.2, 0.0, 1.2);
( -153.4, -171.8, 0.0, 1.2);	( -154.9, -170.4, 0.0, 1.2);

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -156.3,	-169.0,	0.0,	1.2);	( -169.0,	-156.3,	0.0,	1.2);
( -170.4,	-154.9,	0.0,	1.2);	( -171.8,	-153.4,	0.0,	1.2);
( -173.2,	-152.0,	0.0,	1.2);	( -174.7,	-150.6,	0.0,	1.2);
( -176.8,	-148.5,	0.0,	1.2);	( -180.3,	-145.0,	0.0,	1.2);
( -183.9,	-141.4,	0.0,	1.2);	( -190.9,	-134.4,	0.0,	1.2);
( -198.0,	-127.3,	0.0,	1.2);	( -205.1,	-120.2,	0.0,	1.2);
( -212.1,	-113.1,	0.0,	1.2);	( -219.2,	-106.1,	0.0,	1.2);
( -226.3,	-99.0,	0.0,	1.2);	( -233.4,	-91.9,	0.0,	1.2);
( -99.0,	-240.4,	0.0,	1.2);	( -106.1,	-233.4,	0.0,	1.2);
( -113.1,	-226.3,	0.0,	1.2);	( -120.2,	-219.2,	0.0,	1.2);
( -127.3,	-212.1,	0.0,	1.2);	( -134.4,	-205.1,	0.0,	1.2);
( -141.4,	-198.0,	0.0,	1.2);	( -148.5,	-190.9,	0.0,	1.2);
( -152.0,	-187.4,	0.0,	1.2);	( -155.6,	-183.9,	0.0,	1.2);
( -157.7,	-181.7,	0.0,	1.2);	( -159.1,	-180.3,	0.0,	1.2);
( -160.5,	-178.9,	0.0,	1.2);	( -161.9,	-177.5,	0.0,	1.2);
( -163.3,	-176.1,	0.0,	1.2);	( -176.1,	-163.3,	0.0,	1.2);
( -177.5,	-161.9,	0.0,	1.2);	( -178.9,	-160.5,	0.0,	1.2);
( -180.3,	-159.1,	0.0,	1.2);	( -181.7,	-157.7,	0.0,	1.2);
( -183.9,	-155.6,	0.0,	1.2);	( -187.4,	-152.0,	0.0,	1.2);
( -190.9,	-148.5,	0.0,	1.2);	( -198.0,	-141.4,	0.0,	1.2);
( -205.1,	-134.4,	0.0,	1.2);	( -212.1,	-127.3,	0.0,	1.2);
( -219.2,	-120.2,	0.0,	1.2);	( -226.3,	-113.1,	0.0,	1.2);
( -233.4,	-106.1,	0.0,	1.2);	( -240.4,	-99.0,	0.0,	1.2);
( -106.1,	-247.5,	0.0,	1.2);	( -113.1,	-240.4,	0.0,	1.2);
( -120.2,	-233.4,	0.0,	1.2);	( -127.3,	-226.3,	0.0,	1.2);
( -134.4,	-219.2,	0.0,	1.2);	( -141.4,	-212.1,	0.0,	1.2);
( -148.5,	-205.1,	0.0,	1.2);	( -155.6,	-198.0,	0.0,	1.2);
( -159.1,	-194.4,	0.0,	1.2);	( -162.6,	-190.9,	0.0,	1.2);
( -164.8,	-188.8,	0.0,	1.2);	( -166.2,	-187.4,	0.0,	1.2);
( -167.6,	-186.0,	0.0,	1.2);	( -169.0,	-184.6,	0.0,	1.2);
( -170.4,	-183.1,	0.0,	1.2);	( -183.1,	-170.4,	0.0,	1.2);
( -184.6,	-169.0,	0.0,	1.2);	( -186.0,	-167.6,	0.0,	1.2);
( -187.4,	-166.2,	0.0,	1.2);	( -188.8,	-164.8,	0.0,	1.2);
( -190.9,	-162.6,	0.0,	1.2);	( -194.4,	-159.1,	0.0,	1.2);
( -198.0,	-155.6,	0.0,	1.2);	( -205.1,	-148.5,	0.0,	1.2);
( -212.1,	-141.4,	0.0,	1.2);	( -219.2,	-134.4,	0.0,	1.2);
( -226.3,	-127.3,	0.0,	1.2);	( -233.4,	-120.2,	0.0,	1.2);
( -240.4,	-113.1,	0.0,	1.2);	( -247.5,	-106.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00001	240.42	113.14	0.00001
233.35	120.21	0.00001	226.27	127.28	0.00001
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00001	233.35	106.07	0.00001
226.27	113.14	0.00001	219.20	120.21	0.00001

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

212.13	127.28	0.00001	205.06	134.35	0.00001
197.99	141.42	0.00001	190.92	148.49	0.00001
187.38	152.03	0.00001	183.85	155.56	0.00001
181.73	157.68	0.00001	180.31	159.10	0.00001
178.90	160.51	0.00001	177.48	161.93	0.00001
176.07	163.34	0.00001	163.34	176.07	0.00001
161.93	177.48	0.00001	160.51	178.90	0.00001
159.10	180.31	0.00001	157.68	181.73	0.00001
155.56	183.85	0.00001	152.03	187.38	0.00001
148.49	190.92	0.00001	141.42	197.99	0.00001
134.35	205.06	0.00001	127.28	212.13	0.00001
120.21	219.20	0.00001	113.14	226.27	0.00001
106.07	233.35	0.00001	98.99	240.42	0.00001
233.35	91.92	0.00002	226.27	98.99	0.00002
219.20	106.07	0.00001	212.13	113.14	0.00001
205.06	120.21	0.00001	197.99	127.28	0.00001
190.92	134.35	0.00001	183.85	141.42	0.00001
180.31	144.96	0.00001	176.78	148.49	0.00001
174.66	150.61	0.00001	173.24	152.03	0.00001
171.83	153.44	0.00001	170.41	154.86	0.00001
169.00	156.27	0.00001	156.27	169.00	0.00001
154.86	170.41	0.00001	153.44	171.83	0.00001
152.03	173.24	0.00001	150.61	174.66	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00001	144.96	180.31	0.00001
141.42	183.85	0.00001	134.35	190.92	0.00001
127.28	197.99	0.00001	120.21	205.06	0.00001
113.14	212.13	0.00001	106.07	219.20	0.00001
99.00	226.27	0.00001	91.92	233.35	0.00001
226.27	84.85	0.00002	219.20	91.92	0.00002
212.13	98.99	0.00002	205.06	106.07	0.00002
197.99	113.14	0.00001	190.92	120.21	0.00001
183.85	127.28	0.00001	176.78	134.35	0.00001
173.24	137.89	0.00001	169.71	141.42	0.00001
167.58	143.54	0.00001	166.17	144.96	0.00001

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00001	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00001
176.78	120.21	0.00001	169.71	127.28	0.00001
166.17	130.81	0.00001	162.63	134.35	0.00001
160.51	136.47	0.00001	159.10	137.89	0.00001
157.68	139.30	0.00001	156.27	140.71	0.00001
154.86	142.13	0.00001	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00001
134.35	162.63	0.00001	130.81	166.17	0.00001
127.28	169.71	0.00001	120.21	176.78	0.00001
113.14	183.85	0.00001	106.07	190.92	0.00001
99.00	197.99	0.00001	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00001
159.10	123.74	0.00001	155.56	127.28	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00001	152.03	130.81	0.00001
150.61	132.23	0.00001	149.20	133.64	0.00001
147.79	135.06	0.00001	135.06	147.79	0.00001
133.64	149.20	0.00001	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00001	123.74	159.10	0.00001
120.21	162.63	0.00001	113.14	169.71	0.00001
106.07	176.78	0.00001	98.99	183.85	0.00001
91.92	190.92	0.00001	84.85	197.99	0.00001
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00001	144.96	123.74	0.00001
143.54	125.16	0.00001	142.13	126.57	0.00001
140.71	127.99	0.00001	127.99	140.71	0.00001
126.57	142.13	0.00001	125.16	143.54	0.00001
123.74	144.96	0.00001	122.33	146.37	0.00001
120.21	148.49	0.00001	116.67	152.03	0.00001
113.14	155.56	0.00001	106.07	162.63	0.00001
98.99	169.71	0.00001	91.92	176.78	0.00001
84.85	183.85	0.00001	77.78	190.92	0.00001
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00001
119.50	135.06	0.00001	118.09	136.47	0.00001
116.67	137.89	0.00001	115.26	139.30	0.00001
113.14	141.42	0.00001	109.60	144.96	0.00001
106.07	148.49	0.00001	98.99	155.56	0.00001
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 14:41:32  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00002	183.85	56.57	0.00002
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00002	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00002	176.78	49.50	0.00002
169.71	56.57	0.00002	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00002
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00002	155.56	56.57	0.00002
148.49	63.64	0.00002	141.42	70.71	0.00002
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00002
141.42	56.57	0.00002	134.35	63.64	0.00002
127.28	70.71	0.00002	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00003	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00002
120.21	63.64	0.00002	113.14	70.71	0.00002
109.60	74.25	0.00002	106.07	77.78	0.00002
103.94	79.90	0.00002	102.53	81.32	0.00002
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00003	148.49	21.21	0.00003
141.42	28.28	0.00003	134.35	35.36	0.00003



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00002
62.93	78.49	0.00002	61.52	79.90	0.00002
60.10	81.32	0.00002	58.69	82.73	0.00002
56.57	84.85	0.00002	53.03	88.39	0.00002
49.50	91.92	0.00002	42.43	98.99	0.00002
35.36	106.07	0.00003	28.28	113.14	0.00003
21.21	120.21	0.00003	14.14	127.28	0.00003
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00005	127.28	0.00	0.00004
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00003
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00003	21.21	106.07	0.00003
14.14	113.14	0.00003	7.07	120.21	0.00003
0.00	127.28	0.00003	-7.07	134.35	0.00003
127.28	-14.14	0.00005	120.21	-7.07	0.00005
113.14	0.00	0.00004	106.07	7.07	0.00004
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00003	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00003
-7.07	120.21	0.00003	-14.14	127.28	0.00003
120.21	-21.21	0.00006	113.14	-14.14	0.00005
106.07	-7.07	0.00005	98.99	0.00	0.00004
91.92	7.07	0.00004	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00003	63.64	35.36	0.00003
61.52	37.48	0.00003	60.10	38.89	0.00003
58.69	40.31	0.00003	57.28	41.72	0.00003
55.86	43.13	0.00003	43.13	55.86	0.00003
41.72	57.28	0.00003	40.31	58.69	0.00003
38.89	60.10	0.00003	37.48	61.52	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00003	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00006	106.07	-21.21	0.00006
98.99	-14.14	0.00005	91.92	-7.07	0.00005
84.85	0.00	0.00005	77.78	7.07	0.00004
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00003	36.06	48.79	0.00003
34.65	50.20	0.00003	33.23	51.62	0.00003
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00003	-14.14	98.99	0.00003

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00007	98.99	-28.28	0.00007
91.92	-21.21	0.00006	84.85	-14.14	0.00006
77.78	-7.07	0.00005	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00004
0.00	70.71	0.00004	-7.07	77.78	0.00004
-14.14	84.85	0.00004	-21.21	91.92	0.00004
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00008	91.92	-35.36	0.00007
84.85	-28.28	0.00007	77.78	-21.21	0.00006
70.71	-14.14	0.00006	63.64	-7.07	0.00005
56.57	0.00	0.00005	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00004	38.89	17.68	0.00004
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00004
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00004	-28.28	84.85	0.00004
-35.36	91.92	0.00004	-42.43	98.99	0.00003
91.92	-49.50	0.00009	84.85	-42.43	0.00008
77.78	-35.36	0.00008	70.71	-28.28	0.00007
63.64	-21.21	0.00006	56.57	-14.14	0.00006

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00005
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00005	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00004
13.44	28.99	0.00004	12.02	30.41	0.00004
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00004	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00003
84.85	-56.57	0.00010	77.78	-49.50	0.00010
70.71	-42.43	0.00009	63.64	-35.36	0.00008
56.57	-28.28	0.00007	49.50	-21.21	0.00007
42.43	-14.14	0.00006	35.36	-7.07	0.00006
31.82	-3.54	0.00006	28.28	0.00	0.00005
26.16	2.12	0.00005	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00005	2.12	26.16	0.00005
0.00	28.28	0.00005	-3.54	31.82	0.00005
-7.07	35.36	0.00005	-14.14	42.43	0.00005
-21.21	49.50	0.00005	-28.28	56.57	0.00005
-35.36	63.64	0.00005	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00012	70.71	-56.57	0.00011
63.64	-49.50	0.00010	56.57	-42.43	0.00009
49.50	-35.36	0.00008	42.43	-28.28	0.00008
35.36	-21.21	0.00007	28.28	-14.14	0.00006
24.75	-10.61	0.00006	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00006
16.26	-2.12	0.00006	14.85	-0.71	0.00006



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00005
-0.71	14.85	0.00005	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00005
-28.28	42.43	0.00005	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00005
-56.57	70.71	0.00004	-63.64	77.78	0.00004
70.71	-70.71	0.00014	63.64	-63.64	0.00013
56.57	-56.57	0.00012	49.50	-49.50	0.00011
42.43	-42.43	0.00010	35.36	-35.36	0.00009
28.28	-28.28	0.00008	21.21	-21.21	0.00007
17.68	-17.68	0.00007	14.14	-14.14	0.00007
12.02	-12.02	0.00007	10.61	-10.61	0.00007
9.19	-9.19	0.00006	7.78	-7.78	0.00006
6.36	-6.36	0.00006	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00006	-12.02	12.02	0.00006
-14.14	14.14	0.00006	-17.68	17.68	0.00006
-21.21	21.21	0.00006	-28.28	28.28	0.00006
-35.36	35.36	0.00006	-42.43	42.43	0.00006
-49.50	49.50	0.00005	-56.57	56.57	0.00005
-63.64	63.64	0.00005	-70.71	70.71	0.00004
63.64	-77.78	0.00016	56.57	-70.71	0.00015
49.50	-63.64	0.00014	42.43	-56.57	0.00013
35.36	-49.50	0.00011	28.28	-42.43	0.00010
21.21	-35.36	0.00009	14.14	-28.28	0.00008
10.61	-24.75	0.00008	7.07	-21.21	0.00008
4.95	-19.09	0.00007	3.54	-17.68	0.00007
2.12	-16.26	0.00007	0.71	-14.85	0.00007
-0.71	-13.44	0.00007	-13.44	-0.71	0.00006
-14.85	0.71	0.00006	-16.26	2.12	0.00006
-17.68	3.54	0.00006	-19.09	4.95	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00007	-24.75	10.61	0.00007

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00007	-35.36	21.21	0.00007
-42.43	28.28	0.00007	-49.50	35.36	0.00006
-56.57	42.43	0.00006	-63.64	49.50	0.00005
-70.71	56.57	0.00005	-77.78	63.64	0.00004
56.57	-84.85	0.00019	49.50	-77.78	0.00018
42.43	-70.71	0.00016	35.36	-63.64	0.00015
28.28	-56.57	0.00013	21.21	-49.50	0.00012
14.14	-42.43	0.00011	7.07	-35.36	0.00010
3.54	-31.82	0.00009	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00008
-4.95	-23.33	0.00008	-6.36	-21.92	0.00008
-7.78	-20.51	0.00008	-20.51	-7.78	0.00007
-21.92	-6.36	0.00007	-23.33	-4.95	0.00007
-24.75	-3.54	0.00007	-26.16	-2.12	0.00007
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00008	-42.43	14.14	0.00008
-49.50	21.21	0.00007	-56.57	28.28	0.00007
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00005	-84.85	56.57	0.00005
49.50	-91.92	0.00022	42.43	-84.85	0.00021
35.36	-77.78	0.00019	28.28	-70.71	0.00018
21.21	-63.64	0.00016	14.14	-56.57	0.00014
7.07	-49.50	0.00013	0.00	-42.43	0.00011
-3.54	-38.89	0.00011	-7.07	-35.36	0.00010
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00009
-14.85	-27.58	0.00009	-27.58	-14.85	0.00008
-28.99	-13.44	0.00008	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00009
-42.43	0.00	0.00009	-49.50	7.07	0.00009
-56.57	14.14	0.00008	-63.64	21.21	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00006
-84.85	42.43	0.00006	-91.92	49.50	0.00005
42.43	-98.99	0.00027	35.36	-91.92	0.00025
28.28	-84.85	0.00024	21.21	-77.78	0.00022
14.14	-70.71	0.00020	7.07	-63.64	0.00017
0.00	-56.57	0.00015	-7.07	-49.50	0.00013
-10.61	-45.96	0.00013	-14.14	-42.43	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00012	-17.68	-38.89	0.00011
-19.09	-37.48	0.00011	-20.51	-36.06	0.00011
-21.92	-34.65	0.00011	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00010	-40.31	-16.26	0.00010
-42.43	-14.14	0.00010	-45.96	-10.61	0.00010
-49.50	-7.07	0.00010	-56.57	0.00	0.00010
-63.64	7.07	0.00009	-70.71	14.14	0.00008
-77.78	21.21	0.00007	-84.85	28.28	0.00007
-91.92	35.36	0.00006	-98.99	42.43	0.00006
35.36	-106.07	0.00033	28.28	-98.99	0.00031
21.21	-91.92	0.00029	14.14	-84.85	0.00027
7.07	-77.78	0.00024	0.00	-70.71	0.00022
-7.07	-63.64	0.00019	-14.14	-56.57	0.00016
-17.68	-53.03	0.00015	-21.21	-49.50	0.00014
-23.33	-47.38	0.00014	-24.75	-45.96	0.00013
-26.16	-44.55	0.00013	-27.58	-43.13	0.00013
-28.99	-41.72	0.00012	-41.72	-28.99	0.00011
-43.13	-27.58	0.00011	-44.55	-26.16	0.00011
-45.96	-24.75	0.00011	-47.38	-23.33	0.00011
-49.50	-21.21	0.00011	-53.03	-17.68	0.00011
-56.57	-14.14	0.00011	-63.64	-7.07	0.00011
-70.71	0.00	0.00010	-77.78	7.07	0.00009
-84.85	14.14	0.00008	-91.92	21.21	0.00007
-98.99	28.28	0.00007	-106.07	35.36	0.00006
28.28	-113.14	0.00041	21.21	-106.07	0.00039
14.14	-98.99	0.00037	7.07	-91.92	0.00034
0.00	-84.85	0.00030	-7.07	-77.78	0.00027
-14.14	-70.71	0.00023	-21.21	-63.64	0.00020
-24.75	-60.10	0.00018	-28.28	-56.57	0.00017
-30.41	-54.45	0.00016	-31.82	-53.03	0.00016
-33.23	-51.62	0.00016	-34.65	-50.20	0.00015
-36.06	-48.79	0.00015	-48.79	-36.06	0.00013
-50.20	-34.65	0.00013	-51.62	-33.23	0.00013
-53.03	-31.82	0.00013	-54.45	-30.41	0.00013
-56.57	-28.28	0.00013	-60.10	-24.75	0.00013
-63.64	-21.21	0.00013	-70.71	-14.14	0.00012
-77.78	-7.07	0.00011	-84.85	0.00	0.00010
-91.92	7.07	0.00009	-98.99	14.14	0.00008



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00056	-42.43	-84.85	0.00046
-45.96	-81.32	0.00041	-49.50	-77.78	0.00036
-51.62	-75.66	0.00034	-53.03	-74.25	0.00032
-54.45	-72.83	0.00031	-55.86	-71.42	0.00030
-57.28	-70.00	0.00028	-70.00	-57.28	0.00023
-71.42	-55.86	0.00024	-72.83	-54.45	0.00024
-74.25	-53.03	0.00024	-75.66	-51.62	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00023	-81.32	-45.96	0.00022
-84.85	-42.43	0.00021	-91.92	-35.36	0.00018
-98.99	-28.28	0.00016	-106.07	-21.21	0.00014
-113.14	-14.14	0.00013	-120.21	-7.07	0.00012
-127.28	0.00	0.00011	-134.35	7.07	0.00011
0.00	-141.42	0.00099	-7.07	-134.35	0.00102
-14.14	-127.28	0.00103	-21.21	-120.21	0.00103
-28.28	-113.14	0.00100	-35.36	-106.07	0.00094
-42.43	-98.99	0.00082	-49.50	-91.92	0.00067
-53.03	-88.39	0.00060	-56.57	-84.85	0.00052
-58.69	-82.73	0.00047	-60.10	-81.32	0.00045
-61.52	-79.90	0.00042	-62.93	-78.49	0.00040
-64.35	-77.07	0.00038	-77.07	-64.35	0.00030
-78.49	-62.93	0.00030	-79.90	-61.52	0.00030
-81.32	-60.10	0.00030	-82.73	-58.69	0.00029
-84.85	-56.57	0.00028	-88.39	-53.03	0.00027
-91.92	-49.50	0.00025	-98.99	-42.43	0.00021
-106.07	-35.36	0.00019	-113.14	-28.28	0.00017
-120.21	-21.21	0.00016	-127.28	-14.14	0.00015
-134.35	-7.07	0.00014	-141.42	0.00	0.00013
-7.07	-148.49	0.00122	-14.14	-141.42	0.00129
-21.21	-134.35	0.00134	-28.28	-127.28	0.00138
-35.36	-120.21	0.00140	-42.43	-113.14	0.00137
-49.50	-106.07	0.00127	-56.57	-98.99	0.00108
-60.10	-95.46	0.00095	-63.64	-91.92	0.00081
-65.76	-89.80	0.00073	-67.18	-88.39	0.00068
-68.59	-86.97	0.00063	-70.00	-85.56	0.00058

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00054	-84.15	-71.42	0.00039
-85.56	-70.00	0.00039	-86.97	-68.59	0.00038
-88.39	-67.18	0.00037	-89.80	-65.76	0.00036
-91.92	-63.64	0.00035	-95.46	-60.10	0.00032
-98.99	-56.57	0.00030	-106.07	-49.50	0.00026
-113.14	-42.43	0.00024	-120.21	-35.36	0.00021
-127.28	-28.28	0.00020	-134.35	-21.21	0.00018
-141.42	-14.14	0.00017	-148.49	-7.07	0.00016
-14.14	-155.56	0.00148	-21.21	-148.49	0.00160
-28.28	-141.42	0.00172	-35.36	-134.35	0.00183
-42.43	-127.28	0.00194	-49.50	-120.21	0.00200
-56.57	-113.14	0.00199	-63.64	-106.07	0.00184
-67.18	-102.53	0.00169	-70.71	-98.99	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00132	-74.25	-95.46	0.00121
-75.66	-94.05	0.00110	-77.07	-92.63	0.00099
-78.49	-91.22	0.00089	-91.22	-78.49	0.00052
-92.63	-77.07	0.00051	-94.05	-75.66	0.00049
-95.46	-74.25	0.00048	-96.87	-72.83	0.00047
-98.99	-70.71	0.00045	-102.53	-67.18	0.00042
-106.07	-63.64	0.00039	-113.14	-56.57	0.00035
-120.21	-49.50	0.00031	-127.28	-42.43	0.00028
-134.35	-35.36	0.00025	-141.42	-28.28	0.00023
-148.49	-21.21	0.00021	-155.56	-14.14	0.00019
-21.21	-162.63	0.00172	-28.28	-155.56	0.00190
-35.36	-148.49	0.00210	-42.43	-141.42	0.00232
-49.50	-134.35	0.00255	-56.57	-127.28	0.00279
-63.64	-120.21	0.00300	-70.71	-113.14	0.00311
-74.25	-109.60	0.00308	-77.78	-106.07	0.00295
-79.90	-103.94	0.00280	-81.32	-102.53	0.00267
-82.73	-101.12	0.00250	-84.15	-99.70	0.00229
-85.56	-98.29	0.00203	-98.29	-85.56	0.00073
-99.70	-84.15	0.00072	-101.12	-82.73	0.00070
-102.53	-81.32	0.00069	-103.94	-79.90	0.00067
-106.07	-77.78	0.00065	-109.60	-74.25	0.00061

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00056	-120.21	-63.64	0.00048
-127.28	-56.57	0.00042	-134.35	-49.50	0.00036
-141.42	-42.43	0.00032	-148.49	-35.36	0.00028
-155.56	-28.28	0.00025	-162.63	-21.21	0.00023
-28.28	-169.71	0.00191	-35.36	-162.63	0.00215
-42.43	-155.56	0.00242	-49.50	-148.49	0.00272
-56.57	-141.42	0.00307	-63.64	-134.35	0.00346
-70.71	-127.28	0.00387	-77.78	-120.21	0.00426
-81.32	-116.67	0.00441	-84.85	-113.14	0.00450
-86.97	-111.02	0.00450	-88.39	-109.60	0.00448
-89.80	-108.19	0.00445	-91.22	-106.77	0.00442
-92.63	-105.36	0.00438	-105.36	-92.63	0.00123
-106.77	-91.22	0.00117	-108.19	-89.80	0.00111
-109.60	-88.39	0.00107	-111.02	-86.97	0.00103
-113.14	-84.85	0.00097	-116.67	-81.32	0.00087
-120.21	-77.78	0.00079	-127.28	-70.71	0.00065
-134.35	-63.64	0.00055	-141.42	-56.57	0.00046
-148.49	-49.50	0.00040	-155.56	-42.43	0.00035
-162.63	-35.36	0.00030	-169.71	-28.28	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00205	-42.43	-169.71	0.00232
-49.50	-162.63	0.00263	-56.57	-155.56	0.00300
-63.64	-148.49	0.00342	-70.71	-141.42	0.00389
-77.78	-134.35	0.00438	-84.85	-127.28	0.00483
-88.39	-123.74	0.00499	-91.92	-120.21	0.00506
-94.05	-118.09	0.00504	-95.46	-116.67	0.00499
-96.87	-115.26	0.00492	-98.29	-113.84	0.00485
-99.70	-112.43	0.00476	-112.43	-99.70	0.00145
-113.84	-98.29	0.00140	-115.26	-96.87	0.00135
-116.67	-95.46	0.00131	-118.09	-94.05	0.00127
-120.21	-91.92	0.00120	-123.74	-88.39	0.00109
-127.28	-84.85	0.00098	-134.35	-77.78	0.00080
-141.42	-70.71	0.00066	-148.49	-63.64	0.00056
-155.56	-56.57	0.00047	-162.63	-49.50	0.00041
-169.71	-42.43	0.00035	-176.78	-35.36	0.00031

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00211	-49.50	-176.78	0.00241
-56.57	-169.71	0.00275	-63.64	-162.63	0.00316
-70.71	-155.56	0.00362	-77.78	-148.49	0.00413
-84.85	-141.42	0.00465	-91.92	-134.35	0.00509
-95.46	-130.81	0.00523	-98.99	-127.28	0.00527
-101.12	-125.16	0.00523	-102.53	-123.74	0.00517
-103.94	-122.33	0.00509	-105.36	-120.92	0.00499
-106.77	-119.50	0.00489	-119.50	-106.77	0.00155
-120.92	-105.36	0.00150	-122.33	-103.94	0.00146
-123.74	-102.53	0.00142	-125.16	-101.12	0.00138
-127.28	-98.99	0.00132	-130.81	-95.46	0.00122
-134.35	-91.92	0.00111	-141.42	-84.85	0.00092
-148.49	-77.78	0.00076	-155.56	-70.71	0.00064
-162.63	-63.64	0.00054	-169.71	-56.57	0.00046
-176.78	-49.50	0.00039	-183.85	-42.43	0.00034
-49.50	-190.92	0.00212	-56.57	-183.85	0.00242
-63.64	-176.78	0.00278	-70.71	-169.71	0.00320
-77.78	-162.63	0.00369	-84.85	-155.56	0.00422
-91.92	-148.49	0.00475	-98.99	-141.42	0.00519
-102.53	-137.89	0.00532	-106.07	-134.35	0.00535
-108.19	-132.23	0.00530	-109.60	-130.81	0.00525
-111.02	-129.40	0.00517	-112.43	-127.99	0.00507
-113.84	-126.57	0.00498	-126.57	-113.84	0.00161
-127.99	-112.43	0.00155	-129.40	-111.02	0.00151
-130.81	-109.60	0.00147	-132.23	-108.19	0.00144

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S) :      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00138	-137.89	-102.53	0.00128
-141.42	-98.99	0.00118	-148.49	-91.92	0.00100
-155.56	-84.85	0.00084	-162.63	-77.78	0.00070
-169.71	-70.71	0.00059	-176.78	-63.64	0.00050
-183.85	-56.57	0.00043	-190.92	-49.50	0.00037
-56.57	-197.99	0.00206	-63.64	-190.92	0.00236
-70.71	-183.85	0.00272	-77.78	-176.78	0.00314
-84.85	-169.71	0.00362	-91.92	-162.63	0.00417
-98.99	-155.56	0.00472	-106.07	-148.49	0.00517



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00531	-113.14	-141.42	0.00535
-115.26	-139.30	0.00531	-116.67	-137.89	0.00526
-118.09	-136.47	0.00519	-119.50	-135.06	0.00510
-120.92	-133.64	0.00501	-133.64	-120.92	0.00164
-135.06	-119.50	0.00158	-136.47	-118.09	0.00153
-137.89	-116.67	0.00149	-139.30	-115.26	0.00146
-141.42	-113.14	0.00141	-144.96	-109.60	0.00132
-148.49	-106.07	0.00122	-155.56	-98.99	0.00104
-162.63	-91.92	0.00088	-169.71	-84.85	0.00074
-176.78	-77.78	0.00063	-183.85	-70.71	0.00053
-190.92	-63.64	0.00045	-197.99	-56.57	0.00039
-63.64	-205.06	0.00194	-70.71	-197.99	0.00222
-77.78	-190.92	0.00256	-84.85	-183.85	0.00296
-91.92	-176.78	0.00343	-98.99	-169.71	0.00397
-106.07	-162.63	0.00454	-113.14	-155.56	0.00503
-116.67	-152.03	0.00520	-120.21	-148.49	0.00527
-122.33	-146.37	0.00526	-123.74	-144.96	0.00521
-125.16	-143.54	0.00515	-126.57	-142.13	0.00507
-127.99	-140.71	0.00498	-140.71	-127.99	0.00164
-142.13	-126.57	0.00158	-143.54	-125.16	0.00153
-144.96	-123.74	0.00149	-146.37	-122.33	0.00145
-148.49	-120.21	0.00140	-152.03	-116.67	0.00132
-155.56	-113.14	0.00124	-162.63	-106.07	0.00106
-169.71	-98.99	0.00090	-176.78	-91.92	0.00076
-183.85	-84.85	0.00065	-190.92	-77.78	0.00055
-197.99	-70.71	0.00047	-205.06	-63.64	0.00040
-70.71	-212.13	0.00175	-77.78	-205.06	0.00200
-84.85	-197.99	0.00230	-91.92	-190.92	0.00266
-98.99	-183.85	0.00309	-106.07	-176.78	0.00359
-113.14	-169.71	0.00414	-120.21	-162.63	0.00468
-123.74	-159.10	0.00490	-127.28	-155.56	0.00503

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00505	-130.81	-152.03	0.00504
-132.23	-150.61	0.00500	-133.64	-149.20	0.00494
-135.06	-147.79	0.00487	-147.79	-135.06	0.00161

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00154	-150.61	-132.23	0.00149
-152.03	-130.81	0.00145	-153.44	-129.40	0.00142
-155.56	-127.28	0.00137	-159.10	-123.74	0.00130
-162.63	-120.21	0.00122	-169.71	-113.14	0.00104
-176.78	-106.07	0.00089	-183.85	-98.99	0.00075
-190.92	-91.92	0.00064	-197.99	-84.85	0.00055
-205.06	-77.78	0.00047	-212.13	-70.71	0.00040
-77.78	-219.20	0.00151	-84.85	-212.13	0.00171
-91.92	-205.06	0.00195	-98.99	-197.99	0.00224
-106.07	-190.92	0.00258	-113.14	-183.85	0.00299
-120.21	-176.78	0.00344	-127.28	-169.71	0.00395
-130.81	-166.17	0.00419	-134.35	-162.63	0.00441
-136.47	-160.51	0.00451	-137.89	-159.10	0.00455
-139.30	-157.68	0.00457	-140.71	-156.27	0.00458
-142.13	-154.86	0.00457	-154.86	-142.13	0.00152
-156.27	-140.71	0.00146	-157.68	-139.30	0.00142
-159.10	-137.89	0.00138	-160.51	-136.47	0.00135
-162.63	-134.35	0.00130	-166.17	-130.81	0.00122
-169.71	-127.28	0.00114	-176.78	-120.21	0.00099
-183.85	-113.14	0.00084	-190.92	-106.07	0.00071
-197.99	-98.99	0.00061	-205.06	-91.92	0.00052
-212.13	-84.85	0.00045	-219.20	-77.78	0.00039
-84.85	-226.27	0.00126	-91.92	-219.20	0.00141
-98.99	-212.13	0.00157	-106.07	-205.06	0.00176
-113.14	-197.99	0.00198	-120.21	-190.92	0.00221
-127.28	-183.85	0.00245	-134.35	-176.78	0.00270
-137.89	-173.24	0.00283	-141.42	-169.71	0.00296
-143.54	-167.58	0.00306	-144.96	-166.17	0.00313
-146.37	-164.76	0.00321	-147.79	-163.34	0.00332
-149.20	-161.93	0.00346	-161.93	-149.20	0.00134
-163.34	-147.79	0.00128	-164.76	-146.37	0.00123
-166.17	-144.96	0.00120	-167.58	-143.54	0.00116
-169.71	-141.42	0.00112	-173.24	-137.89	0.00105
-176.78	-134.35	0.00099	-183.85	-127.28	0.00086
-190.92	-120.21	0.00075	-197.99	-113.14	0.00064
-205.06	-106.07	0.00056	-212.13	-98.99	0.00048
-219.20	-91.92	0.00042	-226.27	-84.85	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00104	-98.99	-226.27	0.00113
-106.07	-219.20	0.00123	-113.14	-212.13	0.00134
-120.21	-205.06	0.00144	-127.28	-197.99	0.00152
-134.35	-190.92	0.00157	-141.42	-183.85	0.00155
-144.96	-180.31	0.00151	-148.49	-176.78	0.00143
-150.61	-174.66	0.00137	-152.03	-173.24	0.00132
-153.44	-171.83	0.00127	-154.86	-170.41	0.00122
-156.27	-169.00	0.00116	-169.00	-156.27	0.00086
-170.41	-154.86	0.00085	-171.83	-153.44	0.00084
-173.24	-152.03	0.00083	-174.66	-150.61	0.00083
-176.78	-148.49	0.00081	-180.31	-144.96	0.00079
-183.85	-141.42	0.00077	-190.92	-134.35	0.00070
-197.99	-127.28	0.00063	-205.06	-120.21	0.00056
-212.13	-113.14	0.00049	-219.20	-106.07	0.00043
-226.27	-98.99	0.00038	-233.35	-91.92	0.00034
-98.99	-240.42	0.00085	-106.07	-233.35	0.00090
-113.14	-226.27	0.00096	-120.21	-219.20	0.00101
-127.28	-212.13	0.00105	-134.35	-205.06	0.00106
-141.42	-197.99	0.00104	-148.49	-190.92	0.00097
-152.03	-187.38	0.00092	-155.56	-183.85	0.00086
-157.68	-181.73	0.00083	-159.10	-180.31	0.00081
-160.51	-178.90	0.00079	-161.93	-177.48	0.00078
-163.34	-176.07	0.00077	-176.07	-163.34	0.00065
-177.48	-161.93	0.00062	-178.90	-160.51	0.00061
-180.31	-159.10	0.00060	-181.73	-157.68	0.00059
-183.85	-155.56	0.00058	-187.38	-152.03	0.00058
-190.92	-148.49	0.00057	-197.99	-141.42	0.00055
-205.06	-134.35	0.00052	-212.13	-127.28	0.00047
-219.20	-120.21	0.00042	-226.27	-113.14	0.00038
-233.35	-106.07	0.00034	-240.42	-98.99	0.00031
-106.07	-247.49	0.00069	-113.14	-240.42	0.00072
-120.21	-233.35	0.00075	-127.28	-226.27	0.00077
-134.35	-219.20	0.00077	-141.42	-212.13	0.00076
-148.49	-205.06	0.00073	-155.56	-197.99	0.00068
-159.10	-194.45	0.00065	-162.63	-190.92	0.00063
-164.76	-188.80	0.00062	-166.17	-187.38	0.00062
-167.58	-185.97	0.00062	-169.00	-184.55	0.00062
-170.41	-183.14	0.00062	-183.14	-170.41	0.00055
-184.55	-169.00	0.00052	-185.97	-167.58	0.00050
-187.38	-166.17	0.00048	-188.80	-164.76	0.00047

04/20/08

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00046	-194.45	-159.10	0.00044
-197.99	-155.56	0.00044	-205.06	-148.49	0.00043
-212.13	-141.42	0.00042	-219.20	-134.35	0.00039
-226.27	-127.28	0.00036	-233.35	-120.21	0.00033
-240.42	-113.14	0.00030	-247.49	-106.07	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00002	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00002
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00002	219.20	120.21	0.00002
212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00002
205.06	120.21	0.00002	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00003	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00002
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00003	212.13	84.85	0.00003
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00002
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00002
137.89	159.10	0.00002	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00003	190.92	91.92	0.00003
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00004	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00003
176.78	91.92	0.00003	169.71	98.99	0.00003
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00003	91.92	176.78	0.00003
84.85	183.85	0.00003	77.78	190.92	0.00003
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00005	190.92	63.64	0.00004
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00003
155.56	98.99	0.00003	148.49	106.07	0.00003
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00003	84.85	169.71	0.00003
77.78	176.78	0.00003	70.71	183.85	0.00003
63.64	190.92	0.00003	56.57	197.99	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00005	183.85	56.57	0.00005
176.78	63.64	0.00004	169.71	70.71	0.00004

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00003	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00003
56.57	183.85	0.00003	49.50	190.92	0.00003
183.85	42.43	0.00006	176.78	49.50	0.00005
169.71	56.57	0.00005	162.63	63.64	0.00004
155.56	70.71	0.00004	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00003	127.28	98.99	0.00003
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00003	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00006	169.71	42.43	0.00006
162.63	49.50	0.00005	155.56	56.57	0.00005
148.49	63.64	0.00005	141.42	70.71	0.00004
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00003	99.70	112.43	0.00003
98.29	113.84	0.00003	96.87	115.26	0.00003
95.46	116.67	0.00003	94.05	118.09	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*



11NCRA PL91-300 DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00007	162.63	35.36	0.00007	
155.56	42.43	0.00006	148.49	49.50	0.00006	
141.42	56.57	0.00005	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00004	
63.64	134.35	0.00004	56.57	141.42	0.00004	
49.50	148.49	0.00004	42.43	155.56	0.00004	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00008	155.56	28.28	0.00007	
148.49	35.36	0.00007	141.42	42.43	0.00006	
134.35	49.50	0.00006	127.28	56.57	0.00005	
120.21	63.64	0.00005	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00004	
103.94	79.90	0.00004	102.53	81.32	0.00004	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00004	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00004	35.36	148.49	0.00004	
28.28	155.56	0.00004	21.21	162.63	0.00003	
155.56	14.14	0.00009	148.49	21.21	0.00008	
141.42	28.28	0.00008	134.35	35.36	0.00007	
127.28	42.43	0.00006	120.21	49.50	0.00006	
113.14	56.57	0.00006	106.07	63.64	0.00005	
102.53	67.18	0.00005	98.99	70.71	0.00005	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00005	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00004
77.07	92.63	0.00004	75.66	94.05	0.00004
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00004	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00003
148.49	7.07	0.00010	141.42	14.14	0.00010
134.35	21.21	0.00009	127.28	28.28	0.00008
120.21	35.36	0.00007	113.14	42.43	0.00007
106.07	49.50	0.00006	98.99	56.57	0.00006
95.46	60.10	0.00006	91.92	63.64	0.00005
89.80	65.76	0.00005	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00005	65.76	89.80	0.00005
63.64	91.92	0.00005	60.10	95.46	0.00005
56.57	98.99	0.00005	49.50	106.07	0.00005
42.43	113.14	0.00005	35.36	120.21	0.00005
28.28	127.28	0.00005	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00012	134.35	7.07	0.00011
127.28	14.14	0.00010	120.21	21.21	0.00009
113.14	28.28	0.00008	106.07	35.36	0.00008
98.99	42.43	0.00007	91.92	49.50	0.00006
88.39	53.03	0.00006	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00006
79.90	61.52	0.00006	78.49	62.93	0.00006
77.07	64.35	0.00006	64.35	77.07	0.00005
62.93	78.49	0.00005	61.52	79.90	0.00005

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00005
35.36	106.07	0.00005	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00005
7.07	134.35	0.00004	0.00	141.42	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00014	127.28	0.00	0.00013
120.21	7.07	0.00012	113.14	14.14	0.00011
106.07	21.21	0.00010	98.99	28.28	0.00009
91.92	35.36	0.00008	84.85	42.43	0.00007
81.32	45.96	0.00007	77.78	49.50	0.00007
75.66	51.62	0.00007	74.25	53.03	0.00007
72.83	54.45	0.00006	71.42	55.86	0.00006
70.00	57.28	0.00006	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00006	51.62	75.66	0.00006
49.50	77.78	0.00006	45.96	81.32	0.00006
42.43	84.85	0.00006	35.36	91.92	0.00006
28.28	98.99	0.00006	21.21	106.07	0.00006
14.14	113.14	0.00005	7.07	120.21	0.00005
0.00	127.28	0.00005	-7.07	134.35	0.00004
127.28	-14.14	0.00016	120.21	-7.07	0.00015
113.14	0.00	0.00014	106.07	7.07	0.00013
98.99	14.14	0.00011	91.92	21.21	0.00010
84.85	28.28	0.00009	77.78	35.36	0.00008
74.25	38.89	0.00008	70.71	42.43	0.00008
68.59	44.55	0.00007	67.18	45.96	0.00007
65.76	47.38	0.00007	64.35	48.79	0.00007
62.93	50.20	0.00007	50.20	62.93	0.00006
48.79	64.35	0.00006	47.38	65.76	0.00006
45.96	67.18	0.00006	44.55	68.59	0.00006
42.43	70.71	0.00007	38.89	74.25	0.00007
35.36	77.78	0.00007	28.28	84.85	0.00007
21.21	91.92	0.00007	14.14	98.99	0.00006

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00006	0.00	113.14	0.00005
-7.07	120.21	0.00005	-14.14	127.28	0.00004
120.21	-21.21	0.00019	113.14	-14.14	0.00018
106.07	-7.07	0.00016	98.99	0.00	0.00015
91.92	7.07	0.00013	84.85	14.14	0.00012
77.78	21.21	0.00011	70.71	28.28	0.00010
67.18	31.82	0.00009	63.64	35.36	0.00009
61.52	37.48	0.00009	60.10	38.89	0.00008
58.69	40.31	0.00008	57.28	41.72	0.00008
55.86	43.13	0.00008	43.13	55.86	0.00007
41.72	57.28	0.00007	40.31	58.69	0.00007
38.89	60.10	0.00007	37.48	61.52	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00007	31.82	67.18	0.00007
28.28	70.71	0.00008	21.21	77.78	0.00008
14.14	84.85	0.00007	7.07	91.92	0.00007
0.00	98.99	0.00006	-7.07	106.07	0.00006
-14.14	113.14	0.00005	-21.21	120.21	0.00005
113.14	-28.28	0.00022	106.07	-21.21	0.00021
98.99	-14.14	0.00019	91.92	-7.07	0.00018
84.85	0.00	0.00016	77.78	7.07	0.00014
70.71	14.14	0.00013	63.64	21.21	0.00011
60.10	24.75	0.00011	56.57	28.28	0.00010
54.45	30.41	0.00010	53.03	31.82	0.00010
51.62	33.23	0.00010	50.20	34.65	0.00009
48.79	36.06	0.00009	36.06	48.79	0.00008
34.65	50.20	0.00008	33.23	51.62	0.00008
31.82	53.03	0.00008	30.41	54.45	0.00008
28.28	56.57	0.00008	24.75	60.10	0.00009
21.21	63.64	0.00009	14.14	70.71	0.00009
7.07	77.78	0.00008	0.00	84.85	0.00007
-7.07	91.92	0.00007	-14.14	98.99	0.00006
-21.21	106.07	0.00006	-28.28	113.14	0.00005
106.07	-35.36	0.00027	98.99	-28.28	0.00025
91.92	-21.21	0.00024	84.85	-14.14	0.00022

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00020	70.71	0.00	0.00017
63.64	7.07	0.00015	56.57	14.14	0.00013
53.03	17.68	0.00013	49.50	21.21	0.00012
47.38	23.33	0.00012	45.96	24.75	0.00011
44.55	26.16	0.00011	43.13	27.58	0.00011
41.72	28.99	0.00011	28.99	41.72	0.00010
27.58	43.13	0.00010	26.16	44.55	0.00010
24.75	45.96	0.00010	23.33	47.38	0.00010
21.21	49.50	0.00010	17.68	53.03	0.00010
14.14	56.57	0.00010	7.07	63.64	0.00010
0.00	70.71	0.00009	-7.07	77.78	0.00008
-14.14	84.85	0.00007	-21.21	91.92	0.00007
-28.28	98.99	0.00006	-35.36	106.07	0.00006
98.99	-42.43	0.00033	91.92	-35.36	0.00031
84.85	-28.28	0.00029	77.78	-21.21	0.00027
70.71	-14.14	0.00024	63.64	-7.07	0.00022
56.57	0.00	0.00019	49.50	7.07	0.00016
45.96	10.61	0.00015	42.43	14.14	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00014	38.89	17.68	0.00013
37.48	19.09	0.00013	36.06	20.51	0.00013
34.65	21.92	0.00012	21.92	34.65	0.00011
20.51	36.06	0.00011	19.09	37.48	0.00011
17.68	38.89	0.00011	16.26	40.31	0.00011
14.14	42.43	0.00011	10.61	45.96	0.00011
7.07	49.50	0.00011	0.00	56.57	0.00011
-7.07	63.64	0.00010	-14.14	70.71	0.00009
-21.21	77.78	0.00008	-28.28	84.85	0.00007
-35.36	91.92	0.00007	-42.43	98.99	0.00006
91.92	-49.50	0.00041	84.85	-42.43	0.00039
77.78	-35.36	0.00037	70.71	-28.28	0.00034
63.64	-21.21	0.00030	56.57	-14.14	0.00027
49.50	-7.07	0.00023	42.43	0.00	0.00020
38.89	3.54	0.00018	35.36	7.07	0.00017
33.23	9.19	0.00016	31.82	10.61	0.00016

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00016	28.99	13.44	0.00015
27.58	14.85	0.00015	14.85	27.58	0.00013
13.44	28.99	0.00013	12.02	30.41	0.00013
10.61	31.82	0.00013	9.19	33.23	0.00013
7.07	35.36	0.00013	3.54	38.89	0.00013
0.00	42.43	0.00013	-7.07	49.50	0.00012
-14.14	56.57	0.00011	-21.21	63.64	0.00010
-28.28	70.71	0.00009	-35.36	77.78	0.00008
-42.43	84.85	0.00007	-49.50	91.92	0.00007
84.85	-56.57	0.00051	77.78	-49.50	0.00050
70.71	-42.43	0.00047	63.64	-35.36	0.00043
56.57	-28.28	0.00039	49.50	-21.21	0.00035
42.43	-14.14	0.00030	35.36	-7.07	0.00025
31.82	-3.54	0.00023	28.28	0.00	0.00021
26.16	2.12	0.00020	24.75	3.54	0.00020
23.33	4.95	0.00019	21.92	6.36	0.00018
20.51	7.78	0.00018	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00016
0.00	28.28	0.00016	-3.54	31.82	0.00016
-7.07	35.36	0.00015	-14.14	42.43	0.00014
-21.21	49.50	0.00012	-28.28	56.57	0.00011
-35.36	63.64	0.00010	-42.43	70.71	0.00009
-49.50	77.78	0.00008	-56.57	84.85	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00064	70.71	-56.57	0.00063
63.64	-49.50	0.00061	56.57	-42.43	0.00057
49.50	-35.36	0.00053	42.43	-28.28	0.00047
35.36	-21.21	0.00040	28.28	-14.14	0.00033
24.75	-10.61	0.00030	21.21	-7.07	0.00027
19.09	-4.95	0.00026	17.68	-3.54	0.00025
16.26	-2.12	0.00024	14.85	-0.71	0.00023
13.44	0.71	0.00022	0.71	13.44	0.00019
-0.71	14.85	0.00019	-2.12	16.26	0.00019
-3.54	17.68	0.00019	-4.95	19.09	0.00019

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00019	-10.61	24.75	0.00019
-14.14	28.28	0.00018	-21.21	35.36	0.00016
-28.28	42.43	0.00014	-35.36	49.50	0.00012
-42.43	56.57	0.00011	-49.50	63.64	0.00010
-56.57	70.71	0.00010	-63.64	77.78	0.00009
70.71	-70.71	0.00080	63.64	-63.64	0.00080
56.57	-56.57	0.00079	49.50	-49.50	0.00077
42.43	-42.43	0.00072	35.36	-35.36	0.00065
28.28	-28.28	0.00056	21.21	-21.21	0.00046
17.68	-17.68	0.00041	14.14	-14.14	0.00036
12.02	-12.02	0.00034	10.61	-10.61	0.00032
9.19	-9.19	0.00031	7.78	-7.78	0.00030
6.36	-6.36	0.00028	-6.36	6.36	0.00023
-7.78	7.78	0.00024	-9.19	9.19	0.00024
-10.61	10.61	0.00024	-12.02	12.02	0.00024
-14.14	14.14	0.00023	-17.68	17.68	0.00022
-21.21	21.21	0.00021	-28.28	28.28	0.00018
-35.36	35.36	0.00016	-42.43	42.43	0.00014
-49.50	49.50	0.00013	-56.57	56.57	0.00012
-63.64	63.64	0.00011	-70.71	70.71	0.00011
63.64	-77.78	0.00099	56.57	-70.71	0.00102
49.50	-63.64	0.00103	42.43	-56.57	0.00103
35.36	-49.50	0.00100	28.28	-42.43	0.00094
21.21	-35.36	0.00082	14.14	-28.28	0.00067
10.61	-24.75	0.00060	7.07	-21.21	0.00052
4.95	-19.09	0.00047	3.54	-17.68	0.00045
2.12	-16.26	0.00042	0.71	-14.85	0.00040
-0.71	-13.44	0.00038	-13.44	-0.71	0.00030
-14.85	0.71	0.00030	-16.26	2.12	0.00030
-17.68	3.54	0.00030	-19.09	4.95	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00028	-24.75	10.61	0.00027
-28.28	14.14	0.00025	-35.36	21.21	0.00021
-42.43	28.28	0.00019	-49.50	35.36	0.00017
-56.57	42.43	0.00016	-63.64	49.50	0.00015

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00014	-77.78	63.64	0.00013
56.57	-84.85	0.00122	49.50	-77.78	0.00129
42.43	-70.71	0.00134	35.36	-63.64	0.00138
28.28	-56.57	0.00140	21.21	-49.50	0.00137
14.14	-42.43	0.00127	7.07	-35.36	0.00108
3.54	-31.82	0.00095	0.00	-28.28	0.00081
-2.12	-26.16	0.00073	-3.54	-24.75	0.00068
-4.95	-23.33	0.00063	-6.36	-21.92	0.00058
-7.78	-20.51	0.00054	-20.51	-7.78	0.00039
-21.92	-6.36	0.00039	-23.33	-4.95	0.00038
-24.75	-3.54	0.00037	-26.16	-2.12	0.00036
-28.28	0.00	0.00035	-31.82	3.54	0.00032
-35.36	7.07	0.00030	-42.43	14.14	0.00026
-49.50	21.21	0.00024	-56.57	28.28	0.00021
-63.64	35.36	0.00020	-70.71	42.43	0.00018
-77.78	49.50	0.00017	-84.85	56.57	0.00016
49.50	-91.92	0.00148	42.43	-84.85	0.00160
35.36	-77.78	0.00172	28.28	-70.71	0.00183
21.21	-63.64	0.00194	14.14	-56.57	0.00200
7.07	-49.50	0.00199	0.00	-42.43	0.00184
-3.54	-38.89	0.00169	-7.07	-35.36	0.00148
-9.19	-33.23	0.00132	-10.61	-31.82	0.00121
-12.02	-30.41	0.00110	-13.44	-28.99	0.00099
-14.85	-27.58	0.00089	-27.58	-14.85	0.00052
-28.99	-13.44	0.00051	-30.41	-12.02	0.00049
-31.82	-10.61	0.00048	-33.23	-9.19	0.00047
-35.36	-7.07	0.00045	-38.89	-3.54	0.00042
-42.43	0.00	0.00039	-49.50	7.07	0.00035
-56.57	14.14	0.00031	-63.64	21.21	0.00028
-70.71	28.28	0.00025	-77.78	35.36	0.00023
-84.85	42.43	0.00021	-91.92	49.50	0.00019
42.43	-98.99	0.00172	35.36	-91.92	0.00190
28.28	-84.85	0.00210	21.21	-77.78	0.00232
14.14	-70.71	0.00255	7.07	-63.64	0.00279
0.00	-56.57	0.00300	-7.07	-49.50	0.00311
-10.61	-45.96	0.00308	-14.14	-42.43	0.00295

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00281	-17.68	-38.89	0.00267
-19.09	-37.48	0.00250	-20.51	-36.06	0.00229
-21.92	-34.65	0.00203	-34.65	-21.92	0.00073
-36.06	-20.51	0.00072	-37.48	-19.09	0.00070
-38.89	-17.68	0.00069	-40.31	-16.26	0.00067
-42.43	-14.14	0.00065	-45.96	-10.61	0.00061
-49.50	-7.07	0.00056	-56.57	0.00	0.00048
-63.64	7.07	0.00042	-70.71	14.14	0.00036
-77.78	21.21	0.00032	-84.85	28.28	0.00028
-91.92	35.36	0.00025	-98.99	42.43	0.00023
35.36	-106.07	0.00191	28.28	-98.99	0.00215
21.21	-91.92	0.00242	14.14	-84.85	0.00272
7.07	-77.78	0.00307	0.00	-70.71	0.00346
-7.07	-63.64	0.00387	-14.14	-56.57	0.00426
-17.68	-53.03	0.00441	-21.21	-49.50	0.00450
-23.33	-47.38	0.00450	-24.75	-45.96	0.00448
-26.16	-44.55	0.00445	-27.58	-43.13	0.00442
-28.99	-41.72	0.00438	-41.72	-28.99	0.00123
-43.13	-27.58	0.00117	-44.55	-26.16	0.00111
-45.96	-24.75	0.00107	-47.38	-23.33	0.00103
-49.50	-21.21	0.00097	-53.03	-17.68	0.00087
-56.57	-14.14	0.00079	-63.64	-7.07	0.00065
-70.71	0.00	0.00055	-77.78	7.07	0.00046
-84.85	14.14	0.00040	-91.92	21.21	0.00035
-98.99	28.28	0.00030	-106.07	35.36	0.00027
28.28	-113.14	0.00205	21.21	-106.07	0.00232
14.14	-98.99	0.00263	7.07	-91.92	0.00300
0.00	-84.85	0.00342	-7.07	-77.78	0.00389
-14.14	-70.71	0.00438	-21.21	-63.64	0.00483
-24.75	-60.10	0.00499	-28.28	-56.57	0.00506
-30.41	-54.45	0.00504	-31.82	-53.03	0.00499
-33.23	-51.62	0.00492	-34.65	-50.20	0.00485
-36.06	-48.79	0.00476	-48.79	-36.06	0.00145
-50.20	-34.65	0.00140	-51.62	-33.23	0.00135
-53.03	-31.82	0.00131	-54.45	-30.41	0.00127
-56.57	-28.28	0.00120	-60.10	-24.75	0.00109
-63.64	-21.21	0.00098	-70.71	-14.14	0.00080
-77.78	-7.07	0.00066	-84.85	0.00	0.00056
-91.92	7.07	0.00047	-98.99	14.14	0.00041
-106.07	21.21	0.00035	-113.14	28.28	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00211	14.14	-113.14	0.00241	
7.07	-106.07	0.00275	0.00	-98.99	0.00316	
-7.07	-91.92	0.00362	-14.14	-84.85	0.00413	
-21.21	-77.78	0.00465	-28.28	-70.71	0.00509	
-31.82	-67.18	0.00523	-35.36	-63.64	0.00527	
-37.48	-61.52	0.00523	-38.89	-60.10	0.00517	
-40.31	-58.69	0.00509	-41.72	-57.28	0.00499	
-43.13	-55.86	0.00489	-55.86	-43.13	0.00155	
-57.28	-41.72	0.00150	-58.69	-40.31	0.00146	
-60.10	-38.89	0.00142	-61.52	-37.48	0.00138	
-63.64	-35.36	0.00132	-67.18	-31.82	0.00122	
-70.71	-28.28	0.00111	-77.78	-21.21	0.00092	
-84.85	-14.14	0.00076	-91.92	-7.07	0.00064	
-98.99	0.00	0.00054	-106.07	7.07	0.00046	
-113.14	14.14	0.00039	-120.21	21.21	0.00034	
14.14	-127.28	0.00212	7.07	-120.21	0.00242	
0.00	-113.14	0.00278	-7.07	-106.07	0.00320	
-14.14	-98.99	0.00369	-21.21	-91.92	0.00422	
-28.28	-84.85	0.00475	-35.36	-77.78	0.00519	
-38.89	-74.25	0.00532	-42.43	-70.71	0.00535	
-44.55	-68.59	0.00530	-45.96	-67.18	0.00525	
-47.38	-65.76	0.00517	-48.79	-64.35	0.00507	
-50.20	-62.93	0.00498	-62.93	-50.20	0.00161	
-64.35	-48.79	0.00155	-65.76	-47.38	0.00151	
-67.18	-45.96	0.00147	-68.59	-44.55	0.00144	
-70.71	-42.43	0.00138	-74.25	-38.89	0.00128	
-77.78	-35.36	0.00118	-84.85	-28.28	0.00100	
-91.92	-21.21	0.00084	-98.99	-14.14	0.00070	
-106.07	-7.07	0.00059	-113.14	0.00	0.00050	
-120.21	7.07	0.00043	-127.28	14.14	0.00037	
7.07	-134.35	0.00206	0.00	-127.28	0.00236	
-7.07	-120.21	0.00272	-14.14	-113.14	0.00314	
-21.21	-106.07	0.00362	-28.28	-98.99	0.00417	
-35.36	-91.92	0.00472	-42.43	-84.85	0.00517	
-45.96	-81.32	0.00531	-49.50	-77.78	0.00535	
-51.62	-75.66	0.00531	-53.03	-74.25	0.00526	

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00519	-55.86	-71.42	0.00510
-57.28	-70.00	0.00501	-70.00	-57.28	0.00164
-71.42	-55.86	0.00158	-72.83	-54.45	0.00153
-74.25	-53.03	0.00149	-75.66	-51.62	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00141	-81.32	-45.96	0.00132
-84.85	-42.43	0.00122	-91.92	-35.36	0.00104
-98.99	-28.28	0.00088	-106.07	-21.21	0.00074
-113.14	-14.14	0.00063	-120.21	-7.07	0.00053
-127.28	0.00	0.00045	-134.35	7.07	0.00039
0.00	-141.42	0.00194	-7.07	-134.35	0.00222
-14.14	-127.28	0.00256	-21.21	-120.21	0.00296
-28.28	-113.14	0.00343	-35.36	-106.07	0.00397
-42.43	-98.99	0.00454	-49.50	-91.92	0.00503
-53.03	-88.39	0.00520	-56.57	-84.85	0.00527
-58.69	-82.73	0.00526	-60.10	-81.32	0.00521
-61.52	-79.90	0.00515	-62.93	-78.49	0.00507
-64.35	-77.07	0.00498	-77.07	-64.35	0.00164
-78.49	-62.93	0.00158	-79.90	-61.52	0.00153
-81.32	-60.10	0.00149	-82.73	-58.69	0.00145
-84.85	-56.57	0.00140	-88.39	-53.03	0.00132
-91.92	-49.50	0.00124	-98.99	-42.43	0.00106
-106.07	-35.36	0.00090	-113.14	-28.28	0.00076
-120.21	-21.21	0.00065	-127.28	-14.14	0.00055
-134.35	-7.07	0.00047	-141.42	0.00	0.00040
-7.07	-148.49	0.00175	-14.14	-141.42	0.00200
-21.21	-134.35	0.00230	-28.28	-127.28	0.00266
-35.36	-120.21	0.00309	-42.43	-113.14	0.00359
-49.50	-106.07	0.00414	-56.57	-98.99	0.00468
-60.10	-95.46	0.00490	-63.64	-91.92	0.00503
-65.76	-89.80	0.00505	-67.18	-88.39	0.00504
-68.59	-86.97	0.00500	-70.00	-85.56	0.00494
-71.42	-84.15	0.00487	-84.15	-71.42	0.00161
-85.56	-70.00	0.00154	-86.97	-68.59	0.00149
-88.39	-67.18	0.00145	-89.80	-65.76	0.00142

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00137	-95.46	-60.10	0.00130
-98.99	-56.57	0.00122	-106.07	-49.50	0.00104
-113.14	-42.43	0.00089	-120.21	-35.36	0.00075
-127.28	-28.28	0.00064	-134.35	-21.21	0.00055
-141.42	-14.14	0.00047	-148.49	-7.07	0.00040
-14.14	-155.56	0.00151	-21.21	-148.49	0.00171
-28.28	-141.42	0.00195	-35.36	-134.35	0.00224
-42.43	-127.28	0.00258	-49.50	-120.21	0.00299
-56.57	-113.14	0.00344	-63.64	-106.07	0.00395
-67.18	-102.53	0.00419	-70.71	-98.99	0.00441

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00451	-74.25	-95.46	0.00455
-75.66	-94.05	0.00457	-77.07	-92.63	0.00458
-78.49	-91.22	0.00457	-91.22	-78.49	0.00152
-92.63	-77.07	0.00146	-94.05	-75.66	0.00142
-95.46	-74.25	0.00138	-96.87	-72.83	0.00135
-98.99	-70.71	0.00130	-102.53	-67.18	0.00122
-106.07	-63.64	0.00114	-113.14	-56.57	0.00099
-120.21	-49.50	0.00084	-127.28	-42.43	0.00071
-134.35	-35.36	0.00061	-141.42	-28.28	0.00052
-148.49	-21.21	0.00045	-155.56	-14.14	0.00039
-21.21	-162.63	0.00126	-28.28	-155.56	0.00141
-35.36	-148.49	0.00157	-42.43	-141.42	0.00176
-49.50	-134.35	0.00198	-56.57	-127.28	0.00221
-63.64	-120.21	0.00245	-70.71	-113.14	0.00270
-74.25	-109.60	0.00283	-77.78	-106.07	0.00296
-79.90	-103.94	0.00306	-81.32	-102.53	0.00313
-82.73	-101.12	0.00321	-84.15	-99.70	0.00332
-85.56	-98.29	0.00346	-98.29	-85.56	0.00134
-99.70	-84.15	0.00128	-101.12	-82.73	0.00123
-102.53	-81.32	0.00120	-103.94	-79.90	0.00116
-106.07	-77.78	0.00112	-109.60	-74.25	0.00105
-113.14	-70.71	0.00099	-120.21	-63.64	0.00086
-127.28	-56.57	0.00075	-134.35	-49.50	0.00064
-141.42	-42.43	0.00056	-148.49	-35.36	0.00048

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00042	-162.63	-21.21	0.00037
-28.28	-169.71	0.00104	-35.36	-162.63	0.00113
-42.43	-155.56	0.00123	-49.50	-148.49	0.00134
-56.57	-141.42	0.00144	-63.64	-134.35	0.00152
-70.71	-127.28	0.00157	-77.78	-120.21	0.00155
-81.32	-116.67	0.00151	-84.85	-113.14	0.00143
-86.97	-111.02	0.00137	-88.39	-109.60	0.00132
-89.80	-108.19	0.00127	-91.22	-106.77	0.00122
-92.63	-105.36	0.00116	-105.36	-92.63	0.00086
-106.77	-91.22	0.00085	-108.19	-89.80	0.00084
-109.60	-88.39	0.00083	-111.02	-86.97	0.00083
-113.14	-84.85	0.00081	-116.67	-81.32	0.00079
-120.21	-77.78	0.00077	-127.28	-70.71	0.00070
-134.35	-63.64	0.00063	-141.42	-56.57	0.00056
-148.49	-49.50	0.00049	-155.56	-42.43	0.00043
-162.63	-35.36	0.00038	-169.71	-28.28	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00085	-42.43	-169.71	0.00090
-49.50	-162.63	0.00096	-56.57	-155.56	0.00101
-63.64	-148.49	0.00105	-70.71	-141.42	0.00106
-77.78	-134.35	0.00104	-84.85	-127.28	0.00097
-88.39	-123.74	0.00092	-91.92	-120.21	0.00086
-94.05	-118.09	0.00083	-95.46	-116.67	0.00081
-96.87	-115.26	0.00079	-98.29	-113.84	0.00078
-99.70	-112.43	0.00077	-112.43	-99.70	0.00065
-113.84	-98.29	0.00062	-115.26	-96.87	0.00061
-116.67	-95.46	0.00060	-118.09	-94.05	0.00059
-120.21	-91.92	0.00058	-123.74	-88.39	0.00058
-127.28	-84.85	0.00057	-134.35	-77.78	0.00055
-141.42	-70.71	0.00052	-148.49	-63.64	0.00047
-155.56	-56.57	0.00042	-162.63	-49.50	0.00038
-169.71	-42.43	0.00034	-176.78	-35.36	0.00031
-42.43	-183.85	0.00069	-49.50	-176.78	0.00072
-56.57	-169.71	0.00075	-63.64	-162.63	0.00077
-70.71	-155.56	0.00077	-77.78	-148.49	0.00076

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00073	-91.92	-134.35	0.00068
-95.46	-130.81	0.00065	-98.99	-127.28	0.00063
-101.12	-125.16	0.00062	-102.53	-123.74	0.00062
-103.94	-122.33	0.00062	-105.36	-120.92	0.00062
-106.77	-119.50	0.00062	-119.50	-106.77	0.00055
-120.92	-105.36	0.00052	-122.33	-103.94	0.00050
-123.74	-102.53	0.00048	-125.16	-101.12	0.00047
-127.28	-98.99	0.00046	-130.81	-95.46	0.00044
-134.35	-91.92	0.00044	-141.42	-84.85	0.00043
-148.49	-77.78	0.00042	-155.56	-70.71	0.00039
-162.63	-63.64	0.00036	-169.71	-56.57	0.00033
-176.78	-49.50	0.00030	-183.85	-42.43	0.00028
-49.50	-190.92	0.00056	-56.57	-183.85	0.00058
-63.64	-176.78	0.00059	-70.71	-169.71	0.00059
-77.78	-162.63	0.00058	-84.85	-155.56	0.00056
-91.92	-148.49	0.00054	-98.99	-141.42	0.00051
-102.53	-137.89	0.00051	-106.07	-134.35	0.00051
-108.19	-132.23	0.00051	-109.60	-130.81	0.00051
-111.02	-129.40	0.00051	-112.43	-127.99	0.00051
-113.84	-126.57	0.00051	-126.57	-113.84	0.00047
-127.99	-112.43	0.00045	-129.40	-111.02	0.00043
-130.81	-109.60	0.00041	-132.23	-108.19	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00038	-137.89	-102.53	0.00036
-141.42	-98.99	0.00035	-148.49	-91.92	0.00034
-155.56	-84.85	0.00033	-162.63	-77.78	0.00032
-169.71	-70.71	0.00031	-176.78	-63.64	0.00029
-183.85	-56.57	0.00027	-190.92	-49.50	0.00025
-56.57	-197.99	0.00046	-63.64	-190.92	0.00046
-70.71	-183.85	0.00046	-77.78	-176.78	0.00046
-84.85	-169.71	0.00045	-91.92	-162.63	0.00044
-98.99	-155.56	0.00042	-106.07	-148.49	0.00041
-109.60	-144.96	0.00042	-113.14	-141.42	0.00042
-115.26	-139.30	0.00043	-116.67	-137.89	0.00043
-118.09	-136.47	0.00043	-119.50	-135.06	0.00043

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00043	-133.64	-120.92	0.00041
-135.06	-119.50	0.00039	-136.47	-118.09	0.00038
-137.89	-116.67	0.00036	-139.30	-115.26	0.00035
-141.42	-113.14	0.00033	-144.96	-109.60	0.00030
-148.49	-106.07	0.00029	-155.56	-98.99	0.00028
-162.63	-91.92	0.00027	-169.71	-84.85	0.00026
-176.78	-77.78	0.00026	-183.85	-70.71	0.00024
-190.92	-63.64	0.00023	-197.99	-56.57	0.00022
-63.64	-205.06	0.00038	-70.71	-197.99	0.00038
-77.78	-190.92	0.00037	-84.85	-183.85	0.00037
-91.92	-176.78	0.00036	-98.99	-169.71	0.00035
-106.07	-162.63	0.00034	-113.14	-155.56	0.00035
-116.67	-152.03	0.00035	-120.21	-148.49	0.00036
-122.33	-146.37	0.00036	-123.74	-144.96	0.00036
-125.16	-143.54	0.00036	-126.57	-142.13	0.00036
-127.99	-140.71	0.00036	-140.71	-127.99	0.00035
-142.13	-126.57	0.00034	-143.54	-125.16	0.00033
-144.96	-123.74	0.00032	-146.37	-122.33	0.00031
-148.49	-120.21	0.00029	-152.03	-116.67	0.00026
-155.56	-113.14	0.00025	-162.63	-106.07	0.00023
-169.71	-98.99	0.00023	-176.78	-91.92	0.00022
-183.85	-84.85	0.00021	-190.92	-77.78	0.00021
-197.99	-70.71	0.00020	-205.06	-63.64	0.00019
-70.71	-212.13	0.00031	-77.78	-205.06	0.00031
-84.85	-197.99	0.00031	-91.92	-190.92	0.00030
-98.99	-183.85	0.00029	-106.07	-176.78	0.00029
-113.14	-169.71	0.00029	-120.21	-162.63	0.00030
-123.74	-159.10	0.00030	-127.28	-155.56	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00031	-130.81	-152.03	0.00031
-132.23	-150.61	0.00031	-133.64	-149.20	0.00031
-135.06	-147.79	0.00031	-147.79	-135.06	0.00030
-149.20	-133.64	0.00030	-150.61	-132.23	0.00029
-152.03	-130.81	0.00028	-153.44	-129.40	0.00027
-155.56	-127.28	0.00026	-159.10	-123.74	0.00023

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00022	-169.71	-113.14	0.00020
-176.78	-106.07	0.00019	-183.85	-98.99	0.00019
-190.92	-91.92	0.00018	-197.99	-84.85	0.00018
-205.06	-77.78	0.00017	-212.13	-70.71	0.00016
-77.78	-219.20	0.00026	-84.85	-212.13	0.00026
-91.92	-205.06	0.00025	-98.99	-197.99	0.00025
-106.07	-190.92	0.00024	-113.14	-183.85	0.00024
-120.21	-176.78	0.00025	-127.28	-169.71	0.00026
-130.81	-166.17	0.00026	-134.35	-162.63	0.00026
-136.47	-160.51	0.00026	-137.89	-159.10	0.00026
-139.30	-157.68	0.00026	-140.71	-156.27	0.00027
-142.13	-154.86	0.00027	-154.86	-142.13	0.00026
-156.27	-140.71	0.00026	-157.68	-139.30	0.00025
-159.10	-137.89	0.00025	-160.51	-136.47	0.00024
-162.63	-134.35	0.00023	-166.17	-130.81	0.00021
-169.71	-127.28	0.00019	-176.78	-120.21	0.00017
-183.85	-113.14	0.00017	-190.92	-106.07	0.00016
-197.99	-98.99	0.00016	-205.06	-91.92	0.00015
-212.13	-84.85	0.00015	-219.20	-77.78	0.00014
-84.85	-226.27	0.00022	-91.92	-219.20	0.00022
-98.99	-212.13	0.00021	-106.07	-205.06	0.00021
-113.14	-197.99	0.00021	-120.21	-190.92	0.00021
-127.28	-183.85	0.00022	-134.35	-176.78	0.00023
-137.89	-173.24	0.00023	-141.42	-169.71	0.00023
-143.54	-167.58	0.00023	-144.96	-166.17	0.00023
-146.37	-164.76	0.00023	-147.79	-163.34	0.00023
-149.20	-161.93	0.00023	-161.93	-149.20	0.00023
-163.34	-147.79	0.00023	-164.76	-146.37	0.00022
-166.17	-144.96	0.00022	-167.58	-143.54	0.00021
-169.71	-141.42	0.00021	-173.24	-137.89	0.00019
-176.78	-134.35	0.00017	-183.85	-127.28	0.00015
-190.92	-120.21	0.00014	-197.99	-113.14	0.00014
-205.06	-106.07	0.00014	-212.13	-98.99	0.00014
-219.20	-91.92	0.00013	-226.27	-84.85	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00019	-98.99	-226.27	0.00019
-106.07	-219.20	0.00018	-113.14	-212.13	0.00018
-120.21	-205.06	0.00018	-127.28	-197.99	0.00019
-134.35	-190.92	0.00019	-141.42	-183.85	0.00020
-144.96	-180.31	0.00020	-148.49	-176.78	0.00020
-150.61	-174.66	0.00020	-152.03	-173.24	0.00020
-153.44	-171.83	0.00020	-154.86	-170.41	0.00020
-156.27	-169.00	0.00020	-169.00	-156.27	0.00020
-170.41	-154.86	0.00020	-171.83	-153.44	0.00020
-173.24	-152.03	0.00020	-174.66	-150.61	0.00019
-176.78	-148.49	0.00018	-180.31	-144.96	0.00017
-183.85	-141.42	0.00016	-190.92	-134.35	0.00014
-197.99	-127.28	0.00013	-205.06	-120.21	0.00012
-212.13	-113.14	0.00012	-219.20	-106.07	0.00012
-226.27	-98.99	0.00012	-233.35	-91.92	0.00011
-98.99	-240.42	0.00016	-106.07	-233.35	0.00016
-113.14	-226.27	0.00016	-120.21	-219.20	0.00016
-127.28	-212.13	0.00016	-134.35	-205.06	0.00017
-141.42	-197.99	0.00017	-148.49	-190.92	0.00017
-152.03	-187.38	0.00018	-155.56	-183.85	0.00018
-157.68	-181.73	0.00018	-159.10	-180.31	0.00018
-160.51	-178.90	0.00018	-161.93	-177.48	0.00018
-163.34	-176.07	0.00018	-176.07	-163.34	0.00018
-177.48	-161.93	0.00018	-178.90	-160.51	0.00018
-180.31	-159.10	0.00017	-181.73	-157.68	0.00017
-183.85	-155.56	0.00017	-187.38	-152.03	0.00016
-190.92	-148.49	0.00015	-197.99	-141.42	0.00013
-205.06	-134.35	0.00011	-212.13	-127.28	0.00011
-219.20	-120.21	0.00011	-226.27	-113.14	0.00011
-233.35	-106.07	0.00011	-240.42	-98.99	0.00010
-106.07	-247.49	0.00014	-113.14	-240.42	0.00014
-120.21	-233.35	0.00014	-127.28	-226.27	0.00014
-134.35	-219.20	0.00015	-141.42	-212.13	0.00015
-148.49	-205.06	0.00015	-155.56	-197.99	0.00016
-159.10	-194.45	0.00016	-162.63	-190.92	0.00016
-164.76	-188.80	0.00016	-166.17	-187.38	0.00016
-167.58	-185.97	0.00016	-169.00	-184.55	0.00016
-170.41	-183.14	0.00016	-183.14	-170.41	0.00016
-184.55	-169.00	0.00016	-185.97	-167.58	0.00016
-187.38	-166.17	0.00016	-188.80	-164.76	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00015	-194.45	-159.10	0.00014	
-197.99	-155.56	0.00013	-205.06	-148.49	0.00012	
-212.13	-141.42	0.00010	-219.20	-134.35	0.00010	
-226.27	-127.28	0.00010	-233.35	-120.21	0.00010	
-240.42	-113.14	0.00010	-247.49	-106.07	0.00009	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00006	240.42	113.14	0.00005	
233.35	120.21	0.00005	226.27	127.28	0.00004	
219.20	134.35	0.00004	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00003	190.92	162.63	0.00003	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00003	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00006	233.35	106.07	0.00006	
226.27	113.14	0.00005	219.20	120.21	0.00005	
212.13	127.28	0.00005	205.06	134.35	0.00004	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00003	163.34	176.07	0.00003	

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00003	160.51	178.90	0.00003
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00007	226.27	98.99	0.00007
219.20	106.07	0.00006	212.13	113.14	0.00006
205.06	120.21	0.00005	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00004
127.28	197.99	0.00004	120.21	205.06	0.00004
113.14	212.13	0.00004	106.07	219.20	0.00004
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00008	219.20	91.92	0.00007
212.13	98.99	0.00007	205.06	106.07	0.00006
197.99	113.14	0.00006	190.92	120.21	0.00005
183.85	127.28	0.00005	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00004
167.58	143.54	0.00004	166.17	144.96	0.00004
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00004

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	190.92	0.00004	113.14	197.99	0.00004
106.07	205.06	0.00004	99.00	212.13	0.00004
91.92	219.20	0.00004	84.85	226.27	0.00003
219.20	77.78	0.00009	212.13	84.85	0.00008
205.06	91.92	0.00008	197.99	98.99	0.00007
190.92	106.07	0.00006	183.85	113.14	0.00006
176.78	120.21	0.00006	169.71	127.28	0.00005
166.17	130.81	0.00005	162.63	134.35	0.00005
160.51	136.47	0.00005	159.10	137.89	0.00005
157.68	139.30	0.00005	156.27	140.71	0.00005
154.86	142.13	0.00005	142.13	154.86	0.00004
140.71	156.27	0.00004	139.30	157.68	0.00004
137.89	159.10	0.00004	136.47	160.51	0.00004
134.35	162.63	0.00004	130.81	166.17	0.00004
127.28	169.71	0.00004	120.21	176.78	0.00004
113.14	183.85	0.00004	106.07	190.92	0.00004
99.00	197.99	0.00004	91.92	205.06	0.00004
84.85	212.13	0.00004	77.78	219.20	0.00003
212.13	70.71	0.00010	205.06	77.78	0.00010
197.99	84.85	0.00009	190.92	91.92	0.00008
183.85	98.99	0.00007	176.78	106.07	0.00007
169.71	113.14	0.00006	162.63	120.21	0.00006
159.10	123.74	0.00006	155.56	127.28	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00005	152.03	130.81	0.00005
150.61	132.23	0.00005	149.20	133.64	0.00005
147.79	135.06	0.00005	135.06	147.79	0.00005
133.64	149.20	0.00005	132.23	150.61	0.00005
130.81	152.03	0.00005	129.40	153.44	0.00005
127.28	155.56	0.00005	123.74	159.10	0.00005
120.21	162.63	0.00005	113.14	169.71	0.00005
106.07	176.78	0.00005	98.99	183.85	0.00005
91.92	190.92	0.00005	84.85	197.99	0.00004
77.78	205.06	0.00004	70.71	212.13	0.00004
205.06	63.64	0.00012	197.99	70.71	0.00011

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00010	183.85	84.85	0.00009
176.78	91.92	0.00008	169.71	98.99	0.00008
162.63	106.07	0.00007	155.56	113.14	0.00006
152.03	116.67	0.00006	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00006
143.54	125.16	0.00006	142.13	126.57	0.00006
140.71	127.99	0.00006	127.99	140.71	0.00005
126.57	142.13	0.00005	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00005
98.99	169.71	0.00005	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00005
70.71	197.99	0.00004	63.64	205.06	0.00004
197.99	56.57	0.00014	190.92	63.64	0.00013
183.85	70.71	0.00012	176.78	77.78	0.00011
169.71	84.85	0.00010	162.63	91.92	0.00009
155.56	98.99	0.00008	148.49	106.07	0.00007
144.96	109.60	0.00007	141.42	113.14	0.00007
139.30	115.26	0.00007	137.89	116.67	0.00007
136.47	118.09	0.00006	135.06	119.50	0.00006
133.64	120.92	0.00006	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00006	115.26	139.30	0.00006
113.14	141.42	0.00006	109.60	144.96	0.00006
106.07	148.49	0.00006	98.99	155.56	0.00006
91.92	162.63	0.00006	84.85	169.71	0.00006
77.78	176.78	0.00005	70.71	183.85	0.00005
63.64	190.92	0.00005	56.57	197.99	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00016	183.85	56.57	0.00015
176.78	63.64	0.00014	169.71	70.71	0.00013
162.63	77.78	0.00011	155.56	84.85	0.00010
148.49	91.92	0.00009	141.42	98.99	0.00008
137.89	102.53	0.00008	134.35	106.07	0.00008

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00007	130.81	109.60	0.00007
129.40	111.02	0.00007	127.99	112.43	0.00007
126.57	113.84	0.00007	113.84	126.57	0.00006
112.43	127.99	0.00006	111.02	129.40	0.00006
109.60	130.81	0.00006	108.19	132.23	0.00006
106.07	134.35	0.00007	102.53	137.89	0.00007
98.99	141.42	0.00007	91.92	148.49	0.00007
84.85	155.56	0.00007	77.78	162.63	0.00006
70.71	169.71	0.00006	63.64	176.78	0.00005
56.57	183.85	0.00005	49.50	190.92	0.00004
183.85	42.43	0.00019	176.78	49.50	0.00018
169.71	56.57	0.00016	162.63	63.64	0.00015
155.56	70.71	0.00013	148.49	77.78	0.00012
141.42	84.85	0.00011	134.35	91.92	0.00010
130.81	95.46	0.00009	127.28	98.99	0.00009
125.16	101.12	0.00009	123.74	102.53	0.00008
122.33	103.94	0.00008	120.92	105.36	0.00008
119.50	106.77	0.00008	106.77	119.50	0.00007
105.36	120.92	0.00007	103.94	122.33	0.00007
102.53	123.74	0.00007	101.12	125.16	0.00007
98.99	127.28	0.00007	95.46	130.81	0.00007
91.92	134.35	0.00008	84.85	141.42	0.00008
77.78	148.49	0.00007	70.71	155.56	0.00007
63.64	162.63	0.00006	56.57	169.71	0.00006
49.50	176.78	0.00005	42.43	183.85	0.00005
176.78	35.36	0.00022	169.71	42.43	0.00021
162.63	49.50	0.00019	155.56	56.57	0.00018
148.49	63.64	0.00016	141.42	70.71	0.00014
134.35	77.78	0.00013	127.28	84.85	0.00011
123.74	88.39	0.00011	120.21	91.92	0.00010
118.09	94.05	0.00010	116.67	95.46	0.00010
115.26	96.87	0.00010	113.84	98.29	0.00009
112.43	99.70	0.00009	99.70	112.43	0.00008
98.29	113.84	0.00008	96.87	115.26	0.00008
95.46	116.67	0.00008	94.05	118.09	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 14:41:32  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00008	88.39	123.74	0.00009
84.85	127.28	0.00009	77.78	134.35	0.00009
70.71	141.42	0.00008	63.64	148.49	0.00007
56.57	155.56	0.00007	49.50	162.63	0.00006
42.43	169.71	0.00006	35.36	176.78	0.00005
169.71	28.28	0.00027	162.63	35.36	0.00025
155.56	42.43	0.00024	148.49	49.50	0.00022
141.42	56.57	0.00020	134.35	63.64	0.00017
127.28	70.71	0.00015	120.21	77.78	0.00013
116.67	81.32	0.00013	113.14	84.85	0.00012
111.02	86.97	0.00012	109.60	88.39	0.00011
108.19	89.80	0.00011	106.77	91.22	0.00011
105.36	92.63	0.00011	92.63	105.36	0.00010
91.22	106.77	0.00010	89.80	108.19	0.00010
88.39	109.60	0.00010	86.97	111.02	0.00010
84.85	113.14	0.00010	81.32	116.67	0.00010
77.78	120.21	0.00010	70.71	127.28	0.00010
63.64	134.35	0.00009	56.57	141.42	0.00008
49.50	148.49	0.00007	42.43	155.56	0.00007
35.36	162.63	0.00006	28.28	169.71	0.00006
162.63	21.21	0.00033	155.56	28.28	0.00031
148.49	35.36	0.00029	141.42	42.43	0.00027
134.35	49.50	0.00024	127.28	56.57	0.00022
120.21	63.64	0.00019	113.14	70.71	0.00016
109.60	74.25	0.00015	106.07	77.78	0.00014
103.94	79.90	0.00014	102.53	81.32	0.00013
101.12	82.73	0.00013	99.70	84.15	0.00013
98.29	85.56	0.00012	85.56	98.29	0.00011
84.15	99.70	0.00011	82.73	101.12	0.00011
81.32	102.53	0.00011	79.90	103.94	0.00011
77.78	106.07	0.00011	74.25	109.60	0.00011
70.71	113.14	0.00011	63.64	120.21	0.00011
56.57	127.28	0.00010	49.50	134.35	0.00009
42.43	141.42	0.00008	35.36	148.49	0.00007
28.28	155.56	0.00007	21.21	162.63	0.00006
155.56	14.14	0.00041	148.49	21.21	0.00039
141.42	28.28	0.00037	134.35	35.36	0.00034
127.28	42.43	0.00030	120.21	49.50	0.00027
113.14	56.57	0.00023	106.07	63.64	0.00020
102.53	67.18	0.00018	98.99	70.71	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00016	95.46	74.25	0.00016
94.05	75.66	0.00016	92.63	77.07	0.00015
91.22	78.49	0.00015	78.49	91.22	0.00013
77.07	92.63	0.00013	75.66	94.05	0.00013
74.25	95.46	0.00013	72.83	96.87	0.00013
70.71	98.99	0.00013	67.18	102.53	0.00013
63.64	106.07	0.00013	56.57	113.14	0.00012
49.50	120.21	0.00011	42.43	127.28	0.00010
35.36	134.35	0.00009	28.28	141.42	0.00008
21.21	148.49	0.00007	14.14	155.56	0.00007
148.49	7.07	0.00051	141.42	14.14	0.00050
134.35	21.21	0.00047	127.28	28.28	0.00043
120.21	35.36	0.00039	113.14	42.43	0.00035
106.07	49.50	0.00030	98.99	56.57	0.00025
95.46	60.10	0.00023	91.92	63.64	0.00021
89.80	65.76	0.00020	88.39	67.18	0.00020
86.97	68.59	0.00019	85.56	70.00	0.00018
84.15	71.42	0.00018	71.42	84.15	0.00016
70.00	85.56	0.00016	68.59	86.97	0.00016
67.18	88.39	0.00016	65.76	89.80	0.00016
63.64	91.92	0.00016	60.10	95.46	0.00016
56.57	98.99	0.00015	49.50	106.07	0.00014
42.43	113.14	0.00012	35.36	120.21	0.00011
28.28	127.28	0.00010	21.21	134.35	0.00009
14.14	141.42	0.00008	7.07	148.49	0.00008
141.42	0.00	0.00064	134.35	7.07	0.00063
127.28	14.14	0.00061	120.21	21.21	0.00057
113.14	28.28	0.00053	106.07	35.36	0.00047
98.99	42.43	0.00040	91.92	49.50	0.00033
88.39	53.03	0.00030	84.85	56.57	0.00027
82.73	58.69	0.00026	81.32	60.10	0.00025
79.90	61.52	0.00024	78.49	62.93	0.00023
77.07	64.35	0.00022	64.35	77.07	0.00019
62.93	78.49	0.00019	61.52	79.90	0.00019
60.10	81.32	0.00019	58.69	82.73	0.00019
56.57	84.85	0.00019	53.03	88.39	0.00019
49.50	91.92	0.00018	42.43	98.99	0.00016



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00014	28.28	113.14	0.00012
21.21	120.21	0.00011	14.14	127.28	0.00010
7.07	134.35	0.00010	0.00	141.42	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00080	127.28	0.00	0.00080
120.21	7.07	0.00079	113.14	14.14	0.00077
106.07	21.21	0.00072	98.99	28.28	0.00065
91.92	35.36	0.00056	84.85	42.43	0.00046
81.32	45.96	0.00041	77.78	49.50	0.00036
75.66	51.62	0.00034	74.25	53.03	0.00032
72.83	54.45	0.00031	71.42	55.86	0.00030
70.00	57.28	0.00028	57.28	70.00	0.00023
55.86	71.42	0.00024	54.45	72.83	0.00024
53.03	74.25	0.00024	51.62	75.66	0.00024
49.50	77.78	0.00023	45.96	81.32	0.00022
42.43	84.85	0.00021	35.36	91.92	0.00018
28.28	98.99	0.00016	21.21	106.07	0.00014
14.14	113.14	0.00013	7.07	120.21	0.00012
0.00	127.28	0.00011	-7.07	134.35	0.00011
127.28	-14.14	0.00099	120.21	-7.07	0.00102
113.14	0.00	0.00103	106.07	7.07	0.00103
98.99	14.14	0.00100	91.92	21.21	0.00094
84.85	28.28	0.00082	77.78	35.36	0.00067
74.25	38.89	0.00060	70.71	42.43	0.00052
68.59	44.55	0.00047	67.18	45.96	0.00045
65.76	47.38	0.00042	64.35	48.79	0.00040
62.93	50.20	0.00038	50.20	62.93	0.00030
48.79	64.35	0.00030	47.38	65.76	0.00030
45.96	67.18	0.00030	44.55	68.59	0.00029
42.43	70.71	0.00028	38.89	74.25	0.00027
35.36	77.78	0.00025	28.28	84.85	0.00021
21.21	91.92	0.00019	14.14	98.99	0.00017
7.07	106.07	0.00016	0.00	113.14	0.00015
-7.07	120.21	0.00014	-14.14	127.28	0.00013
120.21	-21.21	0.00122	113.14	-14.14	0.00129

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00134	98.99	0.00	0.00138
91.92	7.07	0.00140	84.85	14.14	0.00137
77.78	21.21	0.00127	70.71	28.28	0.00108
67.18	31.82	0.00095	63.64	35.36	0.00081
61.52	37.48	0.00073	60.10	38.89	0.00068
58.69	40.31	0.00063	57.28	41.72	0.00058
55.86	43.13	0.00054	43.13	55.86	0.00039
41.72	57.28	0.00039	40.31	58.69	0.00038
38.89	60.10	0.00037	37.48	61.52	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00035	31.82	67.18	0.00032
28.28	70.71	0.00030	21.21	77.78	0.00026
14.14	84.85	0.00024	7.07	91.92	0.00021
0.00	98.99	0.00020	-7.07	106.07	0.00018
-14.14	113.14	0.00017	-21.21	120.21	0.00016
113.14	-28.28	0.00148	106.07	-21.21	0.00160
98.99	-14.14	0.00172	91.92	-7.07	0.00183
84.85	0.00	0.00194	77.78	7.07	0.00200
70.71	14.14	0.00199	63.64	21.21	0.00184
60.10	24.75	0.00169	56.57	28.28	0.00148
54.45	30.41	0.00132	53.03	31.82	0.00121
51.62	33.23	0.00110	50.20	34.65	0.00099
48.79	36.06	0.00089	36.06	48.79	0.00052
34.65	50.20	0.00051	33.23	51.62	0.00049
31.82	53.03	0.00048	30.41	54.45	0.00047
28.28	56.57	0.00045	24.75	60.10	0.00042
21.21	63.64	0.00039	14.14	70.71	0.00035
7.07	77.78	0.00031	0.00	84.85	0.00028
-7.07	91.92	0.00025	-14.14	98.99	0.00023
-21.21	106.07	0.00021	-28.28	113.14	0.00019
106.07	-35.36	0.00172	98.99	-28.28	0.00190
91.92	-21.21	0.00210	84.85	-14.14	0.00232
77.78	-7.07	0.00255	70.71	0.00	0.00279
63.64	7.07	0.00300	56.57	14.14	0.00311
53.03	17.68	0.00308	49.50	21.21	0.00295

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00281	45.96	24.75	0.00267
44.55	26.16	0.00250	43.13	27.58	0.00229
41.72	28.99	0.00203	28.99	41.72	0.00073
27.58	43.13	0.00072	26.16	44.55	0.00070
24.75	45.96	0.00069	23.33	47.38	0.00067
21.21	49.50	0.00065	17.68	53.03	0.00061
14.14	56.57	0.00056	7.07	63.64	0.00048
0.00	70.71	0.00042	-7.07	77.78	0.00036
-14.14	84.85	0.00032	-21.21	91.92	0.00028
-28.28	98.99	0.00025	-35.36	106.07	0.00023
98.99	-42.43	0.00191	91.92	-35.36	0.00215
84.85	-28.28	0.00242	77.78	-21.21	0.00272
70.71	-14.14	0.00307	63.64	-7.07	0.00346
56.57	0.00	0.00387	49.50	7.07	0.00426
45.96	10.61	0.00441	42.43	14.14	0.00450

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00450	38.89	17.68	0.00448
37.48	19.09	0.00445	36.06	20.51	0.00442
34.65	21.92	0.00438	21.92	34.65	0.00123
20.51	36.06	0.00117	19.09	37.48	0.00111
17.68	38.89	0.00107	16.26	40.31	0.00103
14.14	42.43	0.00097	10.61	45.96	0.00087
7.07	49.50	0.00079	0.00	56.57	0.00065
-7.07	63.64	0.00055	-14.14	70.71	0.00046
-21.21	77.78	0.00040	-28.28	84.85	0.00035
-35.36	91.92	0.00030	-42.43	98.99	0.00027
91.92	-49.50	0.00205	84.85	-42.43	0.00232
77.78	-35.36	0.00263	70.71	-28.28	0.00300
63.64	-21.21	0.00342	56.57	-14.14	0.00389
49.50	-7.07	0.00438	42.43	0.00	0.00483
38.89	3.54	0.00499	35.36	7.07	0.00506
33.23	9.19	0.00504	31.82	10.61	0.00499
30.41	12.02	0.00492	28.99	13.44	0.00485
27.58	14.85	0.00476	14.85	27.58	0.00145
13.44	28.99	0.00140	12.02	30.41	0.00135

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00131	9.19	33.23	0.00127
7.07	35.36	0.00120	3.54	38.89	0.00109
0.00	42.43	0.00098	-7.07	49.50	0.00080
-14.14	56.57	0.00066	-21.21	63.64	0.00056
-28.28	70.71	0.00047	-35.36	77.78	0.00041
-42.43	84.85	0.00035	-49.50	91.92	0.00031
84.85	-56.57	0.00211	77.78	-49.50	0.00241
70.71	-42.43	0.00275	63.64	-35.36	0.00316
56.57	-28.28	0.00362	49.50	-21.21	0.00413
42.43	-14.14	0.00465	35.36	-7.07	0.00509
31.82	-3.54	0.00523	28.28	0.00	0.00527
26.16	2.12	0.00523	24.75	3.54	0.00517
23.33	4.95	0.00509	21.92	6.36	0.00499
20.51	7.78	0.00489	7.78	20.51	0.00155
6.36	21.92	0.00150	4.95	23.33	0.00146
3.54	24.75	0.00142	2.12	26.16	0.00138
0.00	28.28	0.00132	-3.54	31.82	0.00122
-7.07	35.36	0.00111	-14.14	42.43	0.00092
-21.21	49.50	0.00076	-28.28	56.57	0.00064
-35.36	63.64	0.00054	-42.43	70.71	0.00046
-49.50	77.78	0.00039	-56.57	84.85	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00212	70.71	-56.57	0.00242
63.64	-49.50	0.00278	56.57	-42.43	0.00320
49.50	-35.36	0.00369	42.43	-28.28	0.00422
35.36	-21.21	0.00475	28.28	-14.14	0.00519
24.75	-10.61	0.00532	21.21	-7.07	0.00535
19.09	-4.95	0.00530	17.68	-3.54	0.00525
16.26	-2.12	0.00517	14.85	-0.71	0.00507
13.44	0.71	0.00498	0.71	13.44	0.00161
-0.71	14.85	0.00155	-2.12	16.26	0.00151
-3.54	17.68	0.00147	-4.95	19.09	0.00144
-7.07	21.21	0.00138	-10.61	24.75	0.00128
-14.14	28.28	0.00118	-21.21	35.36	0.00100
-28.28	42.43	0.00084	-35.36	49.50	0.00070

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00059	-49.50	63.64	0.00050
-56.57	70.71	0.00043	-63.64	77.78	0.00037
70.71	-70.71	0.00206	63.64	-63.64	0.00236
56.57	-56.57	0.00272	49.50	-49.50	0.00314
42.43	-42.43	0.00362	35.36	-35.36	0.00417
28.28	-28.28	0.00472	21.21	-21.21	0.00517
17.68	-17.68	0.00531	14.14	-14.14	0.00535
12.02	-12.02	0.00531	10.61	-10.61	0.00526
9.19	-9.19	0.00519	7.78	-7.78	0.00510
6.36	-6.36	0.00501	-6.36	6.36	0.00164
-7.78	7.78	0.00158	-9.19	9.19	0.00153
-10.61	10.61	0.00149	-12.02	12.02	0.00146
-14.14	14.14	0.00141	-17.68	17.68	0.00132
-21.21	21.21	0.00122	-28.28	28.28	0.00104
-35.36	35.36	0.00088	-42.43	42.43	0.00074
-49.50	49.50	0.00063	-56.57	56.57	0.00053
-63.64	63.64	0.00045	-70.71	70.71	0.00039
63.64	-77.78	0.00194	56.57	-70.71	0.00222
49.50	-63.64	0.00256	42.43	-56.57	0.00296
35.36	-49.50	0.00343	28.28	-42.43	0.00397
21.21	-35.36	0.00454	14.14	-28.28	0.00503
10.61	-24.75	0.00520	7.07	-21.21	0.00527
4.95	-19.09	0.00526	3.54	-17.68	0.00521
2.12	-16.26	0.00515	0.71	-14.85	0.00507
-0.71	-13.44	0.00498	-13.44	-0.71	0.00164
-14.85	0.71	0.00158	-16.26	2.12	0.00153
-17.68	3.54	0.00149	-19.09	4.95	0.00145

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00140	-24.75	10.61	0.00132
-28.28	14.14	0.00124	-35.36	21.21	0.00106
-42.43	28.28	0.00090	-49.50	35.36	0.00076
-56.57	42.43	0.00065	-63.64	49.50	0.00055
-70.71	56.57	0.00047	-77.78	63.64	0.00040
56.57	-84.85	0.00175	49.50	-77.78	0.00200
42.43	-70.71	0.00230	35.36	-63.64	0.00266

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00309	21.21	-49.50	0.00359
14.14	-42.43	0.00414	7.07	-35.36	0.00468
3.54	-31.82	0.00490	0.00	-28.28	0.00503
-2.12	-26.16	0.00505	-3.54	-24.75	0.00504
-4.95	-23.33	0.00500	-6.36	-21.92	0.00494
-7.78	-20.51	0.00487	-20.51	-7.78	0.00161
-21.92	-6.36	0.00154	-23.33	-4.95	0.00149
-24.75	-3.54	0.00145	-26.16	-2.12	0.00142
-28.28	0.00	0.00137	-31.82	3.54	0.00130
-35.36	7.07	0.00122	-42.43	14.14	0.00104
-49.50	21.21	0.00089	-56.57	28.28	0.00075
-63.64	35.36	0.00064	-70.71	42.43	0.00055
-77.78	49.50	0.00047	-84.85	56.57	0.00040
49.50	-91.92	0.00151	42.43	-84.85	0.00171
35.36	-77.78	0.00195	28.28	-70.71	0.00224
21.21	-63.64	0.00258	14.14	-56.57	0.00299
7.07	-49.50	0.00344	0.00	-42.43	0.00395
-3.54	-38.89	0.00419	-7.07	-35.36	0.00441
-9.19	-33.23	0.00451	-10.61	-31.82	0.00455
-12.02	-30.41	0.00457	-13.44	-28.99	0.00458
-14.85	-27.58	0.00457	-27.58	-14.85	0.00152
-28.99	-13.44	0.00146	-30.41	-12.02	0.00142
-31.82	-10.61	0.00138	-33.23	-9.19	0.00135
-35.36	-7.07	0.00130	-38.89	-3.54	0.00122
-42.43	0.00	0.00114	-49.50	7.07	0.00099
-56.57	14.14	0.00084	-63.64	21.21	0.00071
-70.71	28.28	0.00061	-77.78	35.36	0.00052
-84.85	42.43	0.00045	-91.92	49.50	0.00039
42.43	-98.99	0.00126	35.36	-91.92	0.00141
28.28	-84.85	0.00157	21.21	-77.78	0.00176
14.14	-70.71	0.00198	7.07	-63.64	0.00221
0.00	-56.57	0.00245	-7.07	-49.50	0.00270
-10.61	-45.96	0.00283	-14.14	-42.43	0.00296

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00306	-17.68	-38.89	0.00313

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00321	-20.51	-36.06	0.00332
-21.92	-34.65	0.00346	-34.65	-21.92	0.00134
-36.06	-20.51	0.00128	-37.48	-19.09	0.00123
-38.89	-17.68	0.00120	-40.31	-16.26	0.00116
-42.43	-14.14	0.00112	-45.96	-10.61	0.00105
-49.50	-7.07	0.00099	-56.57	0.00	0.00086
-63.64	7.07	0.00075	-70.71	14.14	0.00064
-77.78	21.21	0.00056	-84.85	28.28	0.00048
-91.92	35.36	0.00042	-98.99	42.43	0.00037
35.36	-106.07	0.00104	28.28	-98.99	0.00113
21.21	-91.92	0.00123	14.14	-84.85	0.00134
7.07	-77.78	0.00144	0.00	-70.71	0.00152
-7.07	-63.64	0.00157	-14.14	-56.57	0.00155
-17.68	-53.03	0.00151	-21.21	-49.50	0.00143
-23.33	-47.38	0.00137	-24.75	-45.96	0.00132
-26.16	-44.55	0.00127	-27.58	-43.13	0.00122
-28.99	-41.72	0.00116	-41.72	-28.99	0.00086
-43.13	-27.58	0.00085	-44.55	-26.16	0.00084
-45.96	-24.75	0.00083	-47.38	-23.33	0.00083
-49.50	-21.21	0.00081	-53.03	-17.68	0.00079
-56.57	-14.14	0.00077	-63.64	-7.07	0.00070
-70.71	0.00	0.00063	-77.78	7.07	0.00056
-84.85	14.14	0.00049	-91.92	21.21	0.00043
-98.99	28.28	0.00038	-106.07	35.36	0.00034
28.28	-113.14	0.00085	21.21	-106.07	0.00090
14.14	-98.99	0.00096	7.07	-91.92	0.00101
0.00	-84.85	0.00105	-7.07	-77.78	0.00106
-14.14	-70.71	0.00104	-21.21	-63.64	0.00097
-24.75	-60.10	0.00092	-28.28	-56.57	0.00086
-30.41	-54.45	0.00083	-31.82	-53.03	0.00081
-33.23	-51.62	0.00079	-34.65	-50.20	0.00078
-36.06	-48.79	0.00077	-48.79	-36.06	0.00065
-50.20	-34.65	0.00062	-51.62	-33.23	0.00061
-53.03	-31.82	0.00060	-54.45	-30.41	0.00059
-56.57	-28.28	0.00058	-60.10	-24.75	0.00058
-63.64	-21.21	0.00057	-70.71	-14.14	0.00055
-77.78	-7.07	0.00052	-84.85	0.00	0.00047
-91.92	7.07	0.00042	-98.99	14.14	0.00038
-106.07	21.21	0.00034	-113.14	28.28	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00069	14.14	-113.14	0.00072	
7.07	-106.07	0.00075	0.00	-98.99	0.00077	
-7.07	-91.92	0.00077	-14.14	-84.85	0.00076	
-21.21	-77.78	0.00073	-28.28	-70.71	0.00068	
-31.82	-67.18	0.00065	-35.36	-63.64	0.00063	
-37.48	-61.52	0.00062	-38.89	-60.10	0.00062	
-40.31	-58.69	0.00062	-41.72	-57.28	0.00062	
-43.13	-55.86	0.00062	-55.86	-43.13	0.00055	
-57.28	-41.72	0.00052	-58.69	-40.31	0.00050	
-60.10	-38.89	0.00048	-61.52	-37.48	0.00047	
-63.64	-35.36	0.00046	-67.18	-31.82	0.00044	
-70.71	-28.28	0.00044	-77.78	-21.21	0.00043	
-84.85	-14.14	0.00042	-91.92	-7.07	0.00039	
-98.99	0.00	0.00036	-106.07	7.07	0.00033	
-113.14	14.14	0.00030	-120.21	21.21	0.00028	
14.14	-127.28	0.00056	7.07	-120.21	0.00058	
0.00	-113.14	0.00059	-7.07	-106.07	0.00059	
-14.14	-98.99	0.00058	-21.21	-91.92	0.00056	
-28.28	-84.85	0.00054	-35.36	-77.78	0.00051	
-38.89	-74.25	0.00051	-42.43	-70.71	0.00051	
-44.55	-68.59	0.00051	-45.96	-67.18	0.00051	
-47.38	-65.76	0.00051	-48.79	-64.35	0.00051	
-50.20	-62.93	0.00051	-62.93	-50.20	0.00047	
-64.35	-48.79	0.00045	-65.76	-47.38	0.00043	
-67.18	-45.96	0.00041	-68.59	-44.55	0.00040	
-70.71	-42.43	0.00038	-74.25	-38.89	0.00036	
-77.78	-35.36	0.00035	-84.85	-28.28	0.00034	
-91.92	-21.21	0.00033	-98.99	-14.14	0.00032	
-106.07	-7.07	0.00031	-113.14	0.00	0.00029	
-120.21	7.07	0.00027	-127.28	14.14	0.00025	
7.07	-134.35	0.00046	0.00	-127.28	0.00046	
-7.07	-120.21	0.00046	-14.14	-113.14	0.00046	
-21.21	-106.07	0.00045	-28.28	-98.99	0.00044	
-35.36	-91.92	0.00042	-42.43	-84.85	0.00041	
-45.96	-81.32	0.00042	-49.50	-77.78	0.00042	
-51.62	-75.66	0.00043	-53.03	-74.25	0.00043	
-54.45	-72.83	0.00043	-55.86	-71.42	0.00043	
-57.28	-70.00	0.00043	-70.00	-57.28	0.00041	
-71.42	-55.86	0.00039	-72.83	-54.45	0.00038	





11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00018	-134.35	-21.21	0.00018
-141.42	-14.14	0.00017	-148.49	-7.07	0.00016
-14.14	-155.56	0.00026	-21.21	-148.49	0.00026
-28.28	-141.42	0.00025	-35.36	-134.35	0.00025
-42.43	-127.28	0.00024	-49.50	-120.21	0.00024
-56.57	-113.14	0.00025	-63.64	-106.07	0.00026
-67.18	-102.53	0.00026	-70.71	-98.99	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00026	-74.25	-95.46	0.00026
-75.66	-94.05	0.00026	-77.07	-92.63	0.00027
-78.49	-91.22	0.00027	-91.22	-78.49	0.00026
-92.63	-77.07	0.00026	-94.05	-75.66	0.00025
-95.46	-74.25	0.00025	-96.87	-72.83	0.00024
-98.99	-70.71	0.00023	-102.53	-67.18	0.00021
-106.07	-63.64	0.00019	-113.14	-56.57	0.00017
-120.21	-49.50	0.00017	-127.28	-42.43	0.00016
-134.35	-35.36	0.00016	-141.42	-28.28	0.00015
-148.49	-21.21	0.00015	-155.56	-14.14	0.00014
-21.21	-162.63	0.00022	-28.28	-155.56	0.00022
-35.36	-148.49	0.00021	-42.43	-141.42	0.00021
-49.50	-134.35	0.00021	-56.57	-127.28	0.00021
-63.64	-120.21	0.00022	-70.71	-113.14	0.00023
-74.25	-109.60	0.00023	-77.78	-106.07	0.00023
-79.90	-103.94	0.00023	-81.32	-102.53	0.00023
-82.73	-101.12	0.00023	-84.15	-99.70	0.00023
-85.56	-98.29	0.00023	-98.29	-85.56	0.00023
-99.70	-84.15	0.00023	-101.12	-82.73	0.00022
-102.53	-81.32	0.00022	-103.94	-79.90	0.00021
-106.07	-77.78	0.00021	-109.60	-74.25	0.00019
-113.14	-70.71	0.00017	-120.21	-63.64	0.00015
-127.28	-56.57	0.00014	-134.35	-49.50	0.00014
-141.42	-42.43	0.00014	-148.49	-35.36	0.00014
-155.56	-28.28	0.00013	-162.63	-21.21	0.00013
-28.28	-169.71	0.00019	-35.36	-162.63	0.00019
-42.43	-155.56	0.00018	-49.50	-148.49	0.00018

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00018	-63.64	-134.35	0.00019
-70.71	-127.28	0.00019	-77.78	-120.21	0.00020
-81.32	-116.67	0.00020	-84.85	-113.14	0.00020
-86.97	-111.02	0.00020	-88.39	-109.60	0.00020
-89.80	-108.19	0.00020	-91.22	-106.77	0.00020
-92.63	-105.36	0.00020	-105.36	-92.63	0.00020
-106.77	-91.22	0.00020	-108.19	-89.80	0.00020
-109.60	-88.39	0.00020	-111.02	-86.97	0.00019
-113.14	-84.85	0.00018	-116.67	-81.32	0.00017
-120.21	-77.78	0.00016	-127.28	-70.71	0.00014
-134.35	-63.64	0.00013	-141.42	-56.57	0.00012
-148.49	-49.50	0.00012	-155.56	-42.43	0.00012
-162.63	-35.36	0.00012	-169.71	-28.28	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00016	-42.43	-169.71	0.00016
-49.50	-162.63	0.00016	-56.57	-155.56	0.00016
-63.64	-148.49	0.00016	-70.71	-141.42	0.00017
-77.78	-134.35	0.00017	-84.85	-127.28	0.00017
-88.39	-123.74	0.00018	-91.92	-120.21	0.00018
-94.05	-118.09	0.00018	-95.46	-116.67	0.00018
-96.87	-115.26	0.00018	-98.29	-113.84	0.00018
-99.70	-112.43	0.00018	-112.43	-99.70	0.00018
-113.84	-98.29	0.00018	-115.26	-96.87	0.00018
-116.67	-95.46	0.00017	-118.09	-94.05	0.00017
-120.21	-91.92	0.00017	-123.74	-88.39	0.00016
-127.28	-84.85	0.00015	-134.35	-77.78	0.00013
-141.42	-70.71	0.00011	-148.49	-63.64	0.00011
-155.56	-56.57	0.00011	-162.63	-49.50	0.00011
-169.71	-42.43	0.00011	-176.78	-35.36	0.00010
-42.43	-183.85	0.00014	-49.50	-176.78	0.00014
-56.57	-169.71	0.00014	-63.64	-162.63	0.00014
-70.71	-155.56	0.00015	-77.78	-148.49	0.00015
-84.85	-141.42	0.00015	-91.92	-134.35	0.00016
-95.46	-130.81	0.00016	-98.99	-127.28	0.00016
-101.12	-125.16	0.00016	-102.53	-123.74	0.00016

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00016	-105.36	-120.92	0.00016
-106.77	-119.50	0.00016	-119.50	-106.77	0.00016
-120.92	-105.36	0.00016	-122.33	-103.94	0.00016
-123.74	-102.53	0.00016	-125.16	-101.12	0.00015
-127.28	-98.99	0.00015	-130.81	-95.46	0.00014
-134.35	-91.92	0.00013	-141.42	-84.85	0.00012
-148.49	-77.78	0.00010	-155.56	-70.71	0.00010
-162.63	-63.64	0.00010	-169.71	-56.57	0.00010
-176.78	-49.50	0.00010	-183.85	-42.43	0.00009
-49.50	-190.92	0.00012	-56.57	-183.85	0.00012
-63.64	-176.78	0.00013	-70.71	-169.71	0.00013
-77.78	-162.63	0.00013	-84.85	-155.56	0.00014
-91.92	-148.49	0.00014	-98.99	-141.42	0.00014
-102.53	-137.89	0.00014	-106.07	-134.35	0.00014
-108.19	-132.23	0.00014	-109.60	-130.81	0.00014
-111.02	-129.40	0.00014	-112.43	-127.99	0.00014
-113.84	-126.57	0.00014	-126.57	-113.84	0.00014
-127.99	-112.43	0.00014	-129.40	-111.02	0.00014
-130.81	-109.60	0.00014	-132.23	-108.19	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 79  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00014	-137.89	-102.53	0.00013
-141.42	-98.99	0.00012	-148.49	-91.92	0.00011
-155.56	-84.85	0.00010	-162.63	-77.78	0.00009
-169.71	-70.71	0.00009	-176.78	-63.64	0.00009
-183.85	-56.57	0.00009	-190.92	-49.50	0.00008
-56.57	-197.99	0.00011	-63.64	-190.92	0.00011
-70.71	-183.85	0.00011	-77.78	-176.78	0.00012
-84.85	-169.71	0.00012	-91.92	-162.63	0.00012
-98.99	-155.56	0.00012	-106.07	-148.49	0.00013
-109.60	-144.96	0.00013	-113.14	-141.42	0.00013
-115.26	-139.30	0.00013	-116.67	-137.89	0.00013
-118.09	-136.47	0.00013	-119.50	-135.06	0.00013
-120.92	-133.64	0.00013	-133.64	-120.92	0.00013
-135.06	-119.50	0.00013	-136.47	-118.09	0.00013
-137.89	-116.67	0.00013	-139.30	-115.26	0.00013

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00012	-144.96	-109.60	0.00012
-148.49	-106.07	0.00011	-155.56	-98.99	0.00010
-162.63	-91.92	0.00009	-169.71	-84.85	0.00008
-176.78	-77.78	0.00008	-183.85	-70.71	0.00008
-190.92	-63.64	0.00008	-197.99	-56.57	0.00008
-63.64	-205.06	0.00010	-70.71	-197.99	0.00010
-77.78	-190.92	0.00010	-84.85	-183.85	0.00011
-91.92	-176.78	0.00011	-98.99	-169.71	0.00011
-106.07	-162.63	0.00011	-113.14	-155.56	0.00011
-116.67	-152.03	0.00011	-120.21	-148.49	0.00012
-122.33	-146.37	0.00012	-123.74	-144.96	0.00012
-125.16	-143.54	0.00012	-126.57	-142.13	0.00012
-127.99	-140.71	0.00012	-140.71	-127.99	0.00012
-142.13	-126.57	0.00012	-143.54	-125.16	0.00012
-144.96	-123.74	0.00012	-146.37	-122.33	0.00011
-148.49	-120.21	0.00011	-152.03	-116.67	0.00011
-155.56	-113.14	0.00010	-162.63	-106.07	0.00009
-169.71	-98.99	0.00008	-176.78	-91.92	0.00007
-183.85	-84.85	0.00007	-190.92	-77.78	0.00007
-197.99	-70.71	0.00007	-205.06	-63.64	0.00007
-70.71	-212.13	0.00009	-77.78	-205.06	0.00009
-84.85	-197.99	0.00010	-91.92	-190.92	0.00010
-98.99	-183.85	0.00010	-106.07	-176.78	0.00010
-113.14	-169.71	0.00010	-120.21	-162.63	0.00010
-123.74	-159.10	0.00010	-127.28	-155.56	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :            NCRA\_S3 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00011	-130.81	-152.03	0.00011
-132.23	-150.61	0.00011	-133.64	-149.20	0.00011
-135.06	-147.79	0.00011	-147.79	-135.06	0.00011
-149.20	-133.64	0.00011	-150.61	-132.23	0.00011
-152.03	-130.81	0.00011	-153.44	-129.40	0.00010
-155.56	-127.28	0.00010	-159.10	-123.74	0.00010
-162.63	-120.21	0.00010	-169.71	-113.14	0.00009
-176.78	-106.07	0.00008	-183.85	-98.99	0.00007
-190.92	-91.92	0.00006	-197.99	-84.85	0.00006

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00006	-212.13	-70.71	0.00006
-77.78	-219.20	0.00008	-84.85	-212.13	0.00009
-91.92	-205.06	0.00009	-98.99	-197.99	0.00009
-106.07	-190.92	0.00009	-113.14	-183.85	0.00009
-120.21	-176.78	0.00009	-127.28	-169.71	0.00009
-130.81	-166.17	0.00010	-134.35	-162.63	0.00010
-136.47	-160.51	0.00010	-137.89	-159.10	0.00010
-139.30	-157.68	0.00010	-140.71	-156.27	0.00010
-142.13	-154.86	0.00010	-154.86	-142.13	0.00010
-156.27	-140.71	0.00010	-157.68	-139.30	0.00010
-159.10	-137.89	0.00010	-160.51	-136.47	0.00010
-162.63	-134.35	0.00010	-166.17	-130.81	0.00009
-169.71	-127.28	0.00009	-176.78	-120.21	0.00008
-183.85	-113.14	0.00007	-190.92	-106.07	0.00007
-197.99	-98.99	0.00006	-205.06	-91.92	0.00006
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00008	-91.92	-219.20	0.00008
-98.99	-212.13	0.00008	-106.07	-205.06	0.00008
-113.14	-197.99	0.00009	-120.21	-190.92	0.00009
-127.28	-183.85	0.00009	-134.35	-176.78	0.00009
-137.89	-173.24	0.00009	-141.42	-169.71	0.00009
-143.54	-167.58	0.00009	-144.96	-166.17	0.00009
-146.37	-164.76	0.00009	-147.79	-163.34	0.00009
-149.20	-161.93	0.00009	-161.93	-149.20	0.00009
-163.34	-147.79	0.00009	-164.76	-146.37	0.00009
-166.17	-144.96	0.00009	-167.58	-143.54	0.00009
-169.71	-141.42	0.00009	-173.24	-137.89	0.00009
-176.78	-134.35	0.00008	-183.85	-127.28	0.00008
-190.92	-120.21	0.00007	-197.99	-113.14	0.00006
-205.06	-106.07	0.00006	-212.13	-98.99	0.00005
-219.20	-91.92	0.00005	-226.27	-84.85	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00007	-98.99	-226.27	0.00007
-106.07	-219.20	0.00008	-113.14	-212.13	0.00008
-120.21	-205.06	0.00008	-127.28	-197.99	0.00008

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00008	-141.42	-183.85	0.00008
-144.96	-180.31	0.00008	-148.49	-176.78	0.00008
-150.61	-174.66	0.00008	-152.03	-173.24	0.00008
-153.44	-171.83	0.00008	-154.86	-170.41	0.00008
-156.27	-169.00	0.00008	-169.00	-156.27	0.00008
-170.41	-154.86	0.00008	-171.83	-153.44	0.00008
-173.24	-152.03	0.00008	-174.66	-150.61	0.00008
-176.78	-148.49	0.00008	-180.31	-144.96	0.00008
-183.85	-141.42	0.00008	-190.92	-134.35	0.00007
-197.99	-127.28	0.00006	-205.06	-120.21	0.00006
-212.13	-113.14	0.00005	-219.20	-106.07	0.00005
-226.27	-98.99	0.00005	-233.35	-91.92	0.00005
-98.99	-240.42	0.00007	-106.07	-233.35	0.00007
-113.14	-226.27	0.00007	-120.21	-219.20	0.00007
-127.28	-212.13	0.00007	-134.35	-205.06	0.00007
-141.42	-197.99	0.00007	-148.49	-190.92	0.00007
-152.03	-187.38	0.00007	-155.56	-183.85	0.00008
-157.68	-181.73	0.00008	-159.10	-180.31	0.00008
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00008
-177.48	-161.93	0.00008	-178.90	-160.51	0.00008
-180.31	-159.10	0.00008	-181.73	-157.68	0.00008
-183.85	-155.56	0.00008	-187.38	-152.03	0.00007
-190.92	-148.49	0.00007	-197.99	-141.42	0.00007
-205.06	-134.35	0.00006	-212.13	-127.28	0.00006
-219.20	-120.21	0.00005	-226.27	-113.14	0.00005
-233.35	-106.07	0.00005	-240.42	-98.99	0.00004
-106.07	-247.49	0.00006	-113.14	-240.42	0.00007
-120.21	-233.35	0.00007	-127.28	-226.27	0.00007
-134.35	-219.20	0.00007	-141.42	-212.13	0.00007
-148.49	-205.06	0.00007	-155.56	-197.99	0.00007
-159.10	-194.45	0.00007	-162.63	-190.92	0.00007
-164.76	-188.80	0.00007	-166.17	-187.38	0.00007
-167.58	-185.97	0.00007	-169.00	-184.55	0.00007
-170.41	-183.14	0.00007	-183.14	-170.41	0.00007
-184.55	-169.00	0.00007	-185.97	-167.58	0.00007
-187.38	-166.17	0.00007	-188.80	-164.76	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00007	-194.45	-159.10	0.00007
-197.99	-155.56	0.00007	-205.06	-148.49	0.00006
-212.13	-141.42	0.00006	-219.20	-134.35	0.00005
-226.27	-127.28	0.00005	-233.35	-120.21	0.00004
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00019	240.42	113.14	0.00018
233.35	120.21	0.00016	226.27	127.28	0.00015
219.20	134.35	0.00013	212.13	141.42	0.00012
205.06	148.49	0.00011	197.99	155.56	0.00010
194.45	159.10	0.00009	190.92	162.63	0.00009
188.80	164.76	0.00009	187.38	166.17	0.00008
185.97	167.58	0.00008	184.55	169.00	0.00008
183.14	170.41	0.00008	170.41	183.14	0.00007
169.00	184.55	0.00007	167.58	185.97	0.00007
166.17	187.38	0.00007	164.76	188.80	0.00007
162.63	190.92	0.00007	159.10	194.45	0.00007
155.56	197.99	0.00008	148.49	205.06	0.00008
141.42	212.13	0.00007	134.35	219.20	0.00007
127.28	226.27	0.00006	120.21	233.35	0.00006
113.14	240.42	0.00005	106.07	247.49	0.00005
240.42	98.99	0.00022	233.35	106.07	0.00021
226.27	113.14	0.00019	219.20	120.21	0.00018
212.13	127.28	0.00016	205.06	134.35	0.00014
197.99	141.42	0.00013	190.92	148.49	0.00011
187.38	152.03	0.00011	183.85	155.56	0.00010
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00009
176.07	163.34	0.00009	163.34	176.07	0.00008
161.93	177.48	0.00008	160.51	178.90	0.00008
159.10	180.31	0.00008	157.68	181.73	0.00008
155.56	183.85	0.00008	152.03	187.38	0.00009



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00009	141.42	197.99	0.00009
134.35	205.06	0.00008	127.28	212.13	0.00007
120.21	219.20	0.00007	113.14	226.27	0.00006
106.07	233.35	0.00006	98.99	240.42	0.00005
233.35	91.92	0.00027	226.27	98.99	0.00025
219.20	106.07	0.00024	212.13	113.14	0.00022
205.06	120.21	0.00020	197.99	127.28	0.00017
190.92	134.35	0.00015	183.85	141.42	0.00013
180.31	144.96	0.00013	176.78	148.49	0.00012
174.66	150.61	0.00012	173.24	152.03	0.00011
171.83	153.44	0.00011	170.41	154.86	0.00011
169.00	156.27	0.00011	156.27	169.00	0.00010
154.86	170.41	0.00010	153.44	171.83	0.00010
152.03	173.24	0.00010	150.61	174.66	0.00010

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00010	144.96	180.31	0.00010
141.42	183.85	0.00010	134.35	190.92	0.00010
127.28	197.99	0.00009	120.21	205.06	0.00008
113.14	212.13	0.00007	106.07	219.20	0.00007
99.00	226.27	0.00006	91.92	233.35	0.00006
226.27	84.85	0.00033	219.20	91.92	0.00031
212.13	98.99	0.00029	205.06	106.07	0.00027
197.99	113.14	0.00024	190.92	120.21	0.00022
183.85	127.28	0.00019	176.78	134.35	0.00016
173.24	137.89	0.00015	169.71	141.42	0.00014
167.58	143.54	0.00014	166.17	144.96	0.00013
164.76	146.37	0.00013	163.34	147.79	0.00013
161.93	149.20	0.00012	149.20	161.93	0.00011
147.79	163.34	0.00011	146.37	164.76	0.00011
144.96	166.17	0.00011	143.54	167.58	0.00011
141.42	169.71	0.00011	137.89	173.24	0.00011
134.35	176.78	0.00011	127.28	183.85	0.00011
120.21	190.92	0.00010	113.14	197.99	0.00009
106.07	205.06	0.00008	99.00	212.13	0.00007
91.92	219.20	0.00007	84.85	226.27	0.00006

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00041	212.13	84.85	0.00039
205.06	91.92	0.00037	197.99	98.99	0.00034
190.92	106.07	0.00030	183.85	113.14	0.00027
176.78	120.21	0.00023	169.71	127.28	0.00020
166.17	130.81	0.00018	162.63	134.35	0.00017
160.51	136.47	0.00016	159.10	137.89	0.00016
157.68	139.30	0.00016	156.27	140.71	0.00015
154.86	142.13	0.00015	142.13	154.86	0.00013
140.71	156.27	0.00013	139.30	157.68	0.00013
137.89	159.10	0.00013	136.47	160.51	0.00013
134.35	162.63	0.00013	130.81	166.17	0.00013
127.28	169.71	0.00013	120.21	176.78	0.00012
113.14	183.85	0.00011	106.07	190.92	0.00010
99.00	197.99	0.00009	91.92	205.06	0.00008
84.85	212.13	0.00007	77.78	219.20	0.00007
212.13	70.71	0.00051	205.06	77.78	0.00050
197.99	84.85	0.00047	190.92	91.92	0.00043
183.85	98.99	0.00039	176.78	106.07	0.00035
169.71	113.14	0.00030	162.63	120.21	0.00025
159.10	123.74	0.00023	155.56	127.28	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00020	152.03	130.81	0.00020
150.61	132.23	0.00019	149.20	133.64	0.00018
147.79	135.06	0.00018	135.06	147.79	0.00016
133.64	149.20	0.00016	132.23	150.61	0.00016
130.81	152.03	0.00016	129.40	153.44	0.00016
127.28	155.56	0.00016	123.74	159.10	0.00016
120.21	162.63	0.00015	113.14	169.71	0.00014
106.07	176.78	0.00012	98.99	183.85	0.00011
91.92	190.92	0.00010	84.85	197.99	0.00009
77.78	205.06	0.00008	70.71	212.13	0.00008
205.06	63.64	0.00064	197.99	70.71	0.00063
190.92	77.78	0.00061	183.85	84.85	0.00057
176.78	91.92	0.00053	169.71	98.99	0.00047
162.63	106.07	0.00040	155.56	113.14	0.00033

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00030	148.49	120.21	0.00027
146.37	122.33	0.00026	144.96	123.74	0.00025
143.54	125.16	0.00024	142.13	126.57	0.00023
140.71	127.99	0.00022	127.99	140.71	0.00019
126.57	142.13	0.00019	125.16	143.54	0.00019
123.74	144.96	0.00019	122.33	146.37	0.00019
120.21	148.49	0.00019	116.67	152.03	0.00019
113.14	155.56	0.00018	106.07	162.63	0.00016
98.99	169.71	0.00014	91.92	176.78	0.00012
84.85	183.85	0.00011	77.78	190.92	0.00010
70.71	197.99	0.00010	63.64	205.06	0.00009
197.99	56.57	0.00080	190.92	63.64	0.00080
183.85	70.71	0.00079	176.78	77.78	0.00077
169.71	84.85	0.00072	162.63	91.92	0.00065
155.56	98.99	0.00056	148.49	106.07	0.00046
144.96	109.60	0.00041	141.42	113.14	0.00036
139.30	115.26	0.00034	137.89	116.67	0.00032
136.47	118.09	0.00031	135.06	119.50	0.00030
133.64	120.92	0.00028	120.92	133.64	0.00023
119.50	135.06	0.00024	118.09	136.47	0.00024
116.67	137.89	0.00024	115.26	139.30	0.00024
113.14	141.42	0.00023	109.60	144.96	0.00022
106.07	148.49	0.00021	98.99	155.56	0.00018
91.92	162.63	0.00016	84.85	169.71	0.00014
77.78	176.78	0.00013	70.71	183.85	0.00012
63.64	190.92	0.00011	56.57	197.99	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00099	183.85	56.57	0.00102
176.78	63.64	0.00103	169.71	70.71	0.00103
162.63	77.78	0.00100	155.56	84.85	0.00094
148.49	91.92	0.00082	141.42	98.99	0.00067
137.89	102.53	0.00060	134.35	106.07	0.00052
132.23	108.19	0.00047	130.81	109.60	0.00045
129.40	111.02	0.00042	127.99	112.43	0.00040
126.57	113.84	0.00038	113.84	126.57	0.00030

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00030	111.02	129.40	0.00030
109.60	130.81	0.00030	108.19	132.23	0.00029
106.07	134.35	0.00028	102.53	137.89	0.00027
98.99	141.42	0.00025	91.92	148.49	0.00021
84.85	155.56	0.00019	77.78	162.63	0.00017
70.71	169.71	0.00016	63.64	176.78	0.00015
56.57	183.85	0.00014	49.50	190.92	0.00013
183.85	42.43	0.00122	176.78	49.50	0.00129
169.71	56.57	0.00134	162.63	63.64	0.00138
155.56	70.71	0.00140	148.49	77.78	0.00137
141.42	84.85	0.00127	134.35	91.92	0.00108
130.81	95.46	0.00095	127.28	98.99	0.00081
125.16	101.12	0.00073	123.74	102.53	0.00068
122.33	103.94	0.00063	120.92	105.36	0.00058
119.50	106.77	0.00054	106.77	119.50	0.00039
105.36	120.92	0.00039	103.94	122.33	0.00038
102.53	123.74	0.00037	101.12	125.16	0.00036
98.99	127.28	0.00035	95.46	130.81	0.00032
91.92	134.35	0.00030	84.85	141.42	0.00026
77.78	148.49	0.00024	70.71	155.56	0.00021
63.64	162.63	0.00020	56.57	169.71	0.00018
49.50	176.78	0.00017	42.43	183.85	0.00016
176.78	35.36	0.00148	169.71	42.43	0.00160
162.63	49.50	0.00172	155.56	56.57	0.00183
148.49	63.64	0.00194	141.42	70.71	0.00200
134.35	77.78	0.00199	127.28	84.85	0.00184
123.74	88.39	0.00169	120.21	91.92	0.00148
118.09	94.05	0.00132	116.67	95.46	0.00121
115.26	96.87	0.00110	113.84	98.29	0.00099
112.43	99.70	0.00089	99.70	112.43	0.00052
98.29	113.84	0.00051	96.87	115.26	0.00049
95.46	116.67	0.00048	94.05	118.09	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00045	88.39	123.74	0.00042
84.85	127.28	0.00039	77.78	134.35	0.00035

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00031	63.64	148.49	0.00028
56.57	155.56	0.00025	49.50	162.63	0.00023
42.43	169.71	0.00021	35.36	176.78	0.00019
169.71	28.28	0.00172	162.63	35.36	0.00190
155.56	42.43	0.00210	148.49	49.50	0.00232
141.42	56.57	0.00255	134.35	63.64	0.00279
127.28	70.71	0.00300	120.21	77.78	0.00311
116.67	81.32	0.00308	113.14	84.85	0.00295
111.02	86.97	0.00281	109.60	88.39	0.00267
108.19	89.80	0.00250	106.77	91.22	0.00229
105.36	92.63	0.00203	92.63	105.36	0.00073
91.22	106.77	0.00072	89.80	108.19	0.00070
88.39	109.60	0.00069	86.97	111.02	0.00067
84.85	113.14	0.00065	81.32	116.67	0.00061
77.78	120.21	0.00056	70.71	127.28	0.00048
63.64	134.35	0.00042	56.57	141.42	0.00036
49.50	148.49	0.00032	42.43	155.56	0.00028
35.36	162.63	0.00025	28.28	169.71	0.00023
162.63	21.21	0.00191	155.56	28.28	0.00215
148.49	35.36	0.00242	141.42	42.43	0.00272
134.35	49.50	0.00307	127.28	56.57	0.00346
120.21	63.64	0.00387	113.14	70.71	0.00426
109.60	74.25	0.00441	106.07	77.78	0.00450
103.94	79.90	0.00450	102.53	81.32	0.00448
101.12	82.73	0.00445	99.70	84.15	0.00442
98.29	85.56	0.00438	85.56	98.29	0.00123
84.15	99.70	0.00117	82.73	101.12	0.00111
81.32	102.53	0.00107	79.90	103.94	0.00103
77.78	106.07	0.00097	74.25	109.60	0.00087
70.71	113.14	0.00079	63.64	120.21	0.00065
56.57	127.28	0.00055	49.50	134.35	0.00046
42.43	141.42	0.00040	35.36	148.49	0.00035
28.28	155.56	0.00030	21.21	162.63	0.00027
155.56	14.14	0.00205	148.49	21.21	0.00232
141.42	28.28	0.00263	134.35	35.36	0.00300
127.28	42.43	0.00342	120.21	49.50	0.00389
113.14	56.57	0.00438	106.07	63.64	0.00483
102.53	67.18	0.00499	98.99	70.71	0.00506

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

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11NCRA PL91-300 DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00504	95.46	74.25	0.00499
94.05	75.66	0.00492	92.63	77.07	0.00485
91.22	78.49	0.00476	78.49	91.22	0.00145
77.07	92.63	0.00140	75.66	94.05	0.00135
74.25	95.46	0.00131	72.83	96.87	0.00127
70.71	98.99	0.00120	67.18	102.53	0.00109
63.64	106.07	0.00098	56.57	113.14	0.00080
49.50	120.21	0.00066	42.43	127.28	0.00056
35.36	134.35	0.00047	28.28	141.42	0.00041
21.21	148.49	0.00035	14.14	155.56	0.00031
148.49	7.07	0.00211	141.42	14.14	0.00241
134.35	21.21	0.00275	127.28	28.28	0.00316
120.21	35.36	0.00362	113.14	42.43	0.00413
106.07	49.50	0.00465	98.99	56.57	0.00509
95.46	60.10	0.00523	91.92	63.64	0.00527
89.80	65.76	0.00523	88.39	67.18	0.00517
86.97	68.59	0.00509	85.56	70.00	0.00499
84.15	71.42	0.00489	71.42	84.15	0.00155
70.00	85.56	0.00150	68.59	86.97	0.00146
67.18	88.39	0.00142	65.76	89.80	0.00138
63.64	91.92	0.00132	60.10	95.46	0.00122
56.57	98.99	0.00111	49.50	106.07	0.00092
42.43	113.14	0.00076	35.36	120.21	0.00064
28.28	127.28	0.00054	21.21	134.35	0.00046
14.14	141.42	0.00039	7.07	148.49	0.00034
141.42	0.00	0.00212	134.35	7.07	0.00242
127.28	14.14	0.00278	120.21	21.21	0.00320
113.14	28.28	0.00369	106.07	35.36	0.00422
98.99	42.43	0.00475	91.92	49.50	0.00519
88.39	53.03	0.00532	84.85	56.57	0.00535
82.73	58.69	0.00530	81.32	60.10	0.00525
79.90	61.52	0.00517	78.49	62.93	0.00507
77.07	64.35	0.00498	64.35	77.07	0.00161
62.93	78.49	0.00155	61.52	79.90	0.00151
60.10	81.32	0.00147	58.69	82.73	0.00144
56.57	84.85	0.00138	53.03	88.39	0.00128
49.50	91.92	0.00118	42.43	98.99	0.00100
35.36	106.07	0.00084	28.28	113.14	0.00070
21.21	120.21	0.00059	14.14	127.28	0.00050
7.07	134.35	0.00043	0.00	141.42	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00206	127.28	0.00	0.00236
120.21	7.07	0.00272	113.14	14.14	0.00314
106.07	21.21	0.00362	98.99	28.28	0.00417
91.92	35.36	0.00472	84.85	42.43	0.00517
81.32	45.96	0.00531	77.78	49.50	0.00535
75.66	51.62	0.00531	74.25	53.03	0.00526
72.83	54.45	0.00519	71.42	55.86	0.00510
70.00	57.28	0.00501	57.28	70.00	0.00164
55.86	71.42	0.00158	54.45	72.83	0.00153
53.03	74.25	0.00149	51.62	75.66	0.00146
49.50	77.78	0.00141	45.96	81.32	0.00132
42.43	84.85	0.00122	35.36	91.92	0.00104
28.28	98.99	0.00088	21.21	106.07	0.00074
14.14	113.14	0.00063	7.07	120.21	0.00053
0.00	127.28	0.00045	-7.07	134.35	0.00039
127.28	-14.14	0.00194	120.21	-7.07	0.00222
113.14	0.00	0.00256	106.07	7.07	0.00296
98.99	14.14	0.00343	91.92	21.21	0.00397
84.85	28.28	0.00454	77.78	35.36	0.00503
74.25	38.89	0.00520	70.71	42.43	0.00527
68.59	44.55	0.00526	67.18	45.96	0.00521
65.76	47.38	0.00515	64.35	48.79	0.00507
62.93	50.20	0.00498	50.20	62.93	0.00164
48.79	64.35	0.00158	47.38	65.76	0.00153
45.96	67.18	0.00149	44.55	68.59	0.00145
42.43	70.71	0.00140	38.89	74.25	0.00132
35.36	77.78	0.00124	28.28	84.85	0.00106
21.21	91.92	0.00090	14.14	98.99	0.00076
7.07	106.07	0.00065	0.00	113.14	0.00055
-7.07	120.21	0.00047	-14.14	127.28	0.00040
120.21	-21.21	0.00175	113.14	-14.14	0.00200
106.07	-7.07	0.00230	98.99	0.00	0.00266
91.92	7.07	0.00309	84.85	14.14	0.00359
77.78	21.21	0.00414	70.71	28.28	0.00468

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00490	63.64	35.36	0.00503
61.52	37.48	0.00505	60.10	38.89	0.00504
58.69	40.31	0.00500	57.28	41.72	0.00494
55.86	43.13	0.00487	43.13	55.86	0.00161
41.72	57.28	0.00154	40.31	58.69	0.00149
38.89	60.10	0.00145	37.48	61.52	0.00142

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00137	31.82	67.18	0.00130
28.28	70.71	0.00122	21.21	77.78	0.00104
14.14	84.85	0.00089	7.07	91.92	0.00075
0.00	98.99	0.00064	-7.07	106.07	0.00055
-14.14	113.14	0.00047	-21.21	120.21	0.00040
113.14	-28.28	0.00151	106.07	-21.21	0.00171
98.99	-14.14	0.00195	91.92	-7.07	0.00224
84.85	0.00	0.00258	77.78	7.07	0.00299
70.71	14.14	0.00344	63.64	21.21	0.00395
60.10	24.75	0.00419	56.57	28.28	0.00441
54.45	30.41	0.00451	53.03	31.82	0.00455
51.62	33.23	0.00457	50.20	34.65	0.00458
48.79	36.06	0.00457	36.06	48.79	0.00152
34.65	50.20	0.00146	33.23	51.62	0.00142
31.82	53.03	0.00138	30.41	54.45	0.00135
28.28	56.57	0.00130	24.75	60.10	0.00122
21.21	63.64	0.00114	14.14	70.71	0.00099
7.07	77.78	0.00084	0.00	84.85	0.00071
-7.07	91.92	0.00061	-14.14	98.99	0.00052
-21.21	106.07	0.00045	-28.28	113.14	0.00039
106.07	-35.36	0.00126	98.99	-28.28	0.00141
91.92	-21.21	0.00157	84.85	-14.14	0.00176
77.78	-7.07	0.00198	70.71	0.00	0.00221
63.64	7.07	0.00245	56.57	14.14	0.00270
53.03	17.68	0.00283	49.50	21.21	0.00296
47.38	23.33	0.00306	45.96	24.75	0.00313
44.55	26.16	0.00321	43.13	27.58	0.00332
41.72	28.99	0.00346	28.99	41.72	0.00134



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00128	26.16	44.55	0.00123
24.75	45.96	0.00120	23.33	47.38	0.00116
21.21	49.50	0.00112	17.68	53.03	0.00105
14.14	56.57	0.00099	7.07	63.64	0.00086
0.00	70.71	0.00075	-7.07	77.78	0.00064
-14.14	84.85	0.00056	-21.21	91.92	0.00048
-28.28	98.99	0.00042	-35.36	106.07	0.00037
98.99	-42.43	0.00104	91.92	-35.36	0.00113
84.85	-28.28	0.00123	77.78	-21.21	0.00134
70.71	-14.14	0.00144	63.64	-7.07	0.00152
56.57	0.00	0.00157	49.50	7.07	0.00155
45.96	10.61	0.00151	42.43	14.14	0.00143

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00137	38.89	17.68	0.00132
37.48	19.09	0.00127	36.06	20.51	0.00122
34.65	21.92	0.00116	21.92	34.65	0.00086
20.51	36.06	0.00085	19.09	37.48	0.00084
17.68	38.89	0.00083	16.26	40.31	0.00083
14.14	42.43	0.00081	10.61	45.96	0.00079
7.07	49.50	0.00077	0.00	56.57	0.00070
-7.07	63.64	0.00063	-14.14	70.71	0.00056
-21.21	77.78	0.00049	-28.28	84.85	0.00043
-35.36	91.92	0.00038	-42.43	98.99	0.00034
91.92	-49.50	0.00085	84.85	-42.43	0.00090
77.78	-35.36	0.00096	70.71	-28.28	0.00101
63.64	-21.21	0.00105	56.57	-14.14	0.00106
49.50	-7.07	0.00104	42.43	0.00	0.00097
38.89	3.54	0.00092	35.36	7.07	0.00086
33.23	9.19	0.00083	31.82	10.61	0.00081
30.41	12.02	0.00079	28.99	13.44	0.00078
27.58	14.85	0.00077	14.85	27.58	0.00065
13.44	28.99	0.00062	12.02	30.41	0.00061
10.61	31.82	0.00060	9.19	33.23	0.00059
7.07	35.36	0.00058	3.54	38.89	0.00058
0.00	42.43	0.00057	-7.07	49.50	0.00055

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00052	-21.21	63.64	0.00047
-28.28	70.71	0.00042	-35.36	77.78	0.00038
-42.43	84.85	0.00034	-49.50	91.92	0.00031
84.85	-56.57	0.00069	77.78	-49.50	0.00072
70.71	-42.43	0.00075	63.64	-35.36	0.00077
56.57	-28.28	0.00077	49.50	-21.21	0.00076
42.43	-14.14	0.00073	35.36	-7.07	0.00068
31.82	-3.54	0.00065	28.28	0.00	0.00063
26.16	2.12	0.00062	24.75	3.54	0.00062
23.33	4.95	0.00062	21.92	6.36	0.00062
20.51	7.78	0.00062	7.78	20.51	0.00055
6.36	21.92	0.00052	4.95	23.33	0.00050
3.54	24.75	0.00048	2.12	26.16	0.00047
0.00	28.28	0.00046	-3.54	31.82	0.00044
-7.07	35.36	0.00044	-14.14	42.43	0.00043
-21.21	49.50	0.00042	-28.28	56.57	0.00039
-35.36	63.64	0.00036	-42.43	70.71	0.00033
-49.50	77.78	0.00030	-56.57	84.85	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00056	70.71	-56.57	0.00058
63.64	-49.50	0.00059	56.57	-42.43	0.00059
49.50	-35.36	0.00058	42.43	-28.28	0.00056
35.36	-21.21	0.00054	28.28	-14.14	0.00051
24.75	-10.61	0.00051	21.21	-7.07	0.00051
19.09	-4.95	0.00051	17.68	-3.54	0.00051
16.26	-2.12	0.00051	14.85	-0.71	0.00051
13.44	0.71	0.00051	0.71	13.44	0.00047
-0.71	14.85	0.00045	-2.12	16.26	0.00043
-3.54	17.68	0.00041	-4.95	19.09	0.00040
-7.07	21.21	0.00038	-10.61	24.75	0.00036
-14.14	28.28	0.00035	-21.21	35.36	0.00034
-28.28	42.43	0.00033	-35.36	49.50	0.00032
-42.43	56.57	0.00031	-49.50	63.64	0.00029
-56.57	70.71	0.00027	-63.64	77.78	0.00025
70.71	-70.71	0.00046	63.64	-63.64	0.00046

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00046	49.50	-49.50	0.00046
42.43	-42.43	0.00045	35.36	-35.36	0.00044
28.28	-28.28	0.00042	21.21	-21.21	0.00041
17.68	-17.68	0.00042	14.14	-14.14	0.00042
12.02	-12.02	0.00043	10.61	-10.61	0.00043
9.19	-9.19	0.00043	7.78	-7.78	0.00043
6.36	-6.36	0.00043	-6.36	6.36	0.00041
-7.78	7.78	0.00039	-9.19	9.19	0.00038
-10.61	10.61	0.00036	-12.02	12.02	0.00035
-14.14	14.14	0.00033	-17.68	17.68	0.00030
-21.21	21.21	0.00029	-28.28	28.28	0.00028
-35.36	35.36	0.00027	-42.43	42.43	0.00026
-49.50	49.50	0.00026	-56.57	56.57	0.00024
-63.64	63.64	0.00023	-70.71	70.71	0.00022
63.64	-77.78	0.00038	56.57	-70.71	0.00038
49.50	-63.64	0.00037	42.43	-56.57	0.00037
35.36	-49.50	0.00036	28.28	-42.43	0.00035
21.21	-35.36	0.00034	14.14	-28.28	0.00035
10.61	-24.75	0.00035	7.07	-21.21	0.00036
4.95	-19.09	0.00036	3.54	-17.68	0.00036
2.12	-16.26	0.00036	0.71	-14.85	0.00036
-0.71	-13.44	0.00036	-13.44	-0.71	0.00035
-14.85	0.71	0.00034	-16.26	2.12	0.00033
-17.68	3.54	0.00032	-19.09	4.95	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00029	-24.75	10.61	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00023
-42.43	28.28	0.00023	-49.50	35.36	0.00022
-56.57	42.43	0.00021	-63.64	49.50	0.00021
-70.71	56.57	0.00020	-77.78	63.64	0.00019
56.57	-84.85	0.00031	49.50	-77.78	0.00031
42.43	-70.71	0.00031	35.36	-63.64	0.00030
28.28	-56.57	0.00029	21.21	-49.50	0.00029
14.14	-42.43	0.00029	7.07	-35.36	0.00030
3.54	-31.82	0.00030	0.00	-28.28	0.00030

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00031	-3.54	-24.75	0.00031
-4.95	-23.33	0.00031	-6.36	-21.92	0.00031
-7.78	-20.51	0.00031	-20.51	-7.78	0.00030
-21.92	-6.36	0.00030	-23.33	-4.95	0.00029
-24.75	-3.54	0.00028	-26.16	-2.12	0.00027
-28.28	0.00	0.00026	-31.82	3.54	0.00023
-35.36	7.07	0.00022	-42.43	14.14	0.00020
-49.50	21.21	0.00019	-56.57	28.28	0.00019
-63.64	35.36	0.00018	-70.71	42.43	0.00018
-77.78	49.50	0.00017	-84.85	56.57	0.00016
49.50	-91.92	0.00026	42.43	-84.85	0.00026
35.36	-77.78	0.00025	28.28	-70.71	0.00025
21.21	-63.64	0.00024	14.14	-56.57	0.00024
7.07	-49.50	0.00025	0.00	-42.43	0.00026
-3.54	-38.89	0.00026	-7.07	-35.36	0.00026
-9.19	-33.23	0.00026	-10.61	-31.82	0.00026
-12.02	-30.41	0.00026	-13.44	-28.99	0.00027
-14.85	-27.58	0.00027	-27.58	-14.85	0.00026
-28.99	-13.44	0.00026	-30.41	-12.02	0.00025
-31.82	-10.61	0.00025	-33.23	-9.19	0.00024
-35.36	-7.07	0.00023	-38.89	-3.54	0.00021
-42.43	0.00	0.00019	-49.50	7.07	0.00017
-56.57	14.14	0.00017	-63.64	21.21	0.00016
-70.71	28.28	0.00016	-77.78	35.36	0.00015
-84.85	42.43	0.00015	-91.92	49.50	0.00014
42.43	-98.99	0.00022	35.36	-91.92	0.00022
28.28	-84.85	0.00021	21.21	-77.78	0.00021
14.14	-70.71	0.00021	7.07	-63.64	0.00021
0.00	-56.57	0.00022	-7.07	-49.50	0.00023
-10.61	-45.96	0.00023	-14.14	-42.43	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00023	-17.68	-38.89	0.00023
-19.09	-37.48	0.00023	-20.51	-36.06	0.00023
-21.92	-34.65	0.00023	-34.65	-21.92	0.00023
-36.06	-20.51	0.00023	-37.48	-19.09	0.00022

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00022	-40.31	-16.26	0.00021
-42.43	-14.14	0.00021	-45.96	-10.61	0.00019
-49.50	-7.07	0.00017	-56.57	0.00	0.00015
-63.64	7.07	0.00014	-70.71	14.14	0.00014
-77.78	21.21	0.00014	-84.85	28.28	0.00014
-91.92	35.36	0.00013	-98.99	42.43	0.00013
35.36	-106.07	0.00019	28.28	-98.99	0.00019
21.21	-91.92	0.00018	14.14	-84.85	0.00018
7.07	-77.78	0.00018	0.00	-70.71	0.00019
-7.07	-63.64	0.00019	-14.14	-56.57	0.00020
-17.68	-53.03	0.00020	-21.21	-49.50	0.00020
-23.33	-47.38	0.00020	-24.75	-45.96	0.00020
-26.16	-44.55	0.00020	-27.58	-43.13	0.00020
-28.99	-41.72	0.00020	-41.72	-28.99	0.00020
-43.13	-27.58	0.00020	-44.55	-26.16	0.00020
-45.96	-24.75	0.00020	-47.38	-23.33	0.00019
-49.50	-21.21	0.00018	-53.03	-17.68	0.00017
-56.57	-14.14	0.00016	-63.64	-7.07	0.00014
-70.71	0.00	0.00013	-77.78	7.07	0.00012
-84.85	14.14	0.00012	-91.92	21.21	0.00012
-98.99	28.28	0.00012	-106.07	35.36	0.00011
28.28	-113.14	0.00016	21.21	-106.07	0.00016
14.14	-98.99	0.00016	7.07	-91.92	0.00016
0.00	-84.85	0.00016	-7.07	-77.78	0.00017
-14.14	-70.71	0.00017	-21.21	-63.64	0.00017
-24.75	-60.10	0.00018	-28.28	-56.57	0.00018
-30.41	-54.45	0.00018	-31.82	-53.03	0.00018
-33.23	-51.62	0.00018	-34.65	-50.20	0.00018
-36.06	-48.79	0.00018	-48.79	-36.06	0.00018
-50.20	-34.65	0.00018	-51.62	-33.23	0.00018
-53.03	-31.82	0.00017	-54.45	-30.41	0.00017
-56.57	-28.28	0.00017	-60.10	-24.75	0.00016
-63.64	-21.21	0.00015	-70.71	-14.14	0.00013
-77.78	-7.07	0.00011	-84.85	0.00	0.00011
-91.92	7.07	0.00011	-98.99	14.14	0.00011
-106.07	21.21	0.00011	-113.14	28.28	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00014	14.14	-113.14	0.00014
7.07	-106.07	0.00014	0.00	-98.99	0.00014
-7.07	-91.92	0.00015	-14.14	-84.85	0.00015
-21.21	-77.78	0.00015	-28.28	-70.71	0.00016
-31.82	-67.18	0.00016	-35.36	-63.64	0.00016
-37.48	-61.52	0.00016	-38.89	-60.10	0.00016
-40.31	-58.69	0.00016	-41.72	-57.28	0.00016
-43.13	-55.86	0.00016	-55.86	-43.13	0.00016
-57.28	-41.72	0.00016	-58.69	-40.31	0.00016
-60.10	-38.89	0.00016	-61.52	-37.48	0.00015
-63.64	-35.36	0.00015	-67.18	-31.82	0.00014
-70.71	-28.28	0.00013	-77.78	-21.21	0.00012
-84.85	-14.14	0.00010	-91.92	-7.07	0.00010
-98.99	0.00	0.00010	-106.07	7.07	0.00010
-113.14	14.14	0.00010	-120.21	21.21	0.00009
14.14	-127.28	0.00012	7.07	-120.21	0.00012
0.00	-113.14	0.00013	-7.07	-106.07	0.00013
-14.14	-98.99	0.00013	-21.21	-91.92	0.00014
-28.28	-84.85	0.00014	-35.36	-77.78	0.00014
-38.89	-74.25	0.00014	-42.43	-70.71	0.00014
-44.55	-68.59	0.00014	-45.96	-67.18	0.00014
-47.38	-65.76	0.00014	-48.79	-64.35	0.00014
-50.20	-62.93	0.00014	-62.93	-50.20	0.00014
-64.35	-48.79	0.00014	-65.76	-47.38	0.00014
-67.18	-45.96	0.00014	-68.59	-44.55	0.00014
-70.71	-42.43	0.00014	-74.25	-38.89	0.00013
-77.78	-35.36	0.00012	-84.85	-28.28	0.00011
-91.92	-21.21	0.00010	-98.99	-14.14	0.00009
-106.07	-7.07	0.00009	-113.14	0.00	0.00009
-120.21	7.07	0.00009	-127.28	14.14	0.00008
7.07	-134.35	0.00011	0.00	-127.28	0.00011
-7.07	-120.21	0.00011	-14.14	-113.14	0.00012
-21.21	-106.07	0.00012	-28.28	-98.99	0.00012
-35.36	-91.92	0.00012	-42.43	-84.85	0.00013
-45.96	-81.32	0.00013	-49.50	-77.78	0.00013
-51.62	-75.66	0.00013	-53.03	-74.25	0.00013
-54.45	-72.83	0.00013	-55.86	-71.42	0.00013
-57.28	-70.00	0.00013	-70.00	-57.28	0.00013
-71.42	-55.86	0.00013	-72.83	-54.45	0.00013
-74.25	-53.03	0.00013	-75.66	-51.62	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00012	-81.32	-45.96	0.00012
-84.85	-42.43	0.00011	-91.92	-35.36	0.00010
-98.99	-28.28	0.00009	-106.07	-21.21	0.00008
-113.14	-14.14	0.00008	-120.21	-7.07	0.00008
-127.28	0.00	0.00008	-134.35	7.07	0.00008
0.00	-141.42	0.00010	-7.07	-134.35	0.00010
-14.14	-127.28	0.00010	-21.21	-120.21	0.00011
-28.28	-113.14	0.00011	-35.36	-106.07	0.00011
-42.43	-98.99	0.00011	-49.50	-91.92	0.00011
-53.03	-88.39	0.00011	-56.57	-84.85	0.00012
-58.69	-82.73	0.00012	-60.10	-81.32	0.00012
-61.52	-79.90	0.00012	-62.93	-78.49	0.00012
-64.35	-77.07	0.00012	-77.07	-64.35	0.00012
-78.49	-62.93	0.00012	-79.90	-61.52	0.00012
-81.32	-60.10	0.00012	-82.73	-58.69	0.00011
-84.85	-56.57	0.00011	-88.39	-53.03	0.00011
-91.92	-49.50	0.00010	-98.99	-42.43	0.00009
-106.07	-35.36	0.00008	-113.14	-28.28	0.00007
-120.21	-21.21	0.00007	-127.28	-14.14	0.00007
-134.35	-7.07	0.00007	-141.42	0.00	0.00007
-7.07	-148.49	0.00009	-14.14	-141.42	0.00009
-21.21	-134.35	0.00010	-28.28	-127.28	0.00010
-35.36	-120.21	0.00010	-42.43	-113.14	0.00010
-49.50	-106.07	0.00010	-56.57	-98.99	0.00010
-60.10	-95.46	0.00010	-63.64	-91.92	0.00010
-65.76	-89.80	0.00011	-67.18	-88.39	0.00011
-68.59	-86.97	0.00011	-70.00	-85.56	0.00011
-71.42	-84.15	0.00011	-84.15	-71.42	0.00011
-85.56	-70.00	0.00011	-86.97	-68.59	0.00011
-88.39	-67.18	0.00011	-89.80	-65.76	0.00010
-91.92	-63.64	0.00010	-95.46	-60.10	0.00010
-98.99	-56.57	0.00010	-106.07	-49.50	0.00009
-113.14	-42.43	0.00008	-120.21	-35.36	0.00007
-127.28	-28.28	0.00006	-134.35	-21.21	0.00006
-141.42	-14.14	0.00006	-148.49	-7.07	0.00006
-14.14	-155.56	0.00008	-21.21	-148.49	0.00009

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00009	-35.36	-134.35	0.00009
-42.43	-127.28	0.00009	-49.50	-120.21	0.00009
-56.57	-113.14	0.00009	-63.64	-106.07	0.00009
-67.18	-102.53	0.00010	-70.71	-98.99	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
 PAGE 97  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00010	-74.25	-95.46	0.00010
-75.66	-94.05	0.00010	-77.07	-92.63	0.00010
-78.49	-91.22	0.00010	-91.22	-78.49	0.00010
-92.63	-77.07	0.00010	-94.05	-75.66	0.00010
-95.46	-74.25	0.00010	-96.87	-72.83	0.00010
-98.99	-70.71	0.00010	-102.53	-67.18	0.00009
-106.07	-63.64	0.00009	-113.14	-56.57	0.00008
-120.21	-49.50	0.00007	-127.28	-42.43	0.00007
-134.35	-35.36	0.00006	-141.42	-28.28	0.00006
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00008	-28.28	-155.56	0.00008
-35.36	-148.49	0.00008	-42.43	-141.42	0.00008
-49.50	-134.35	0.00009	-56.57	-127.28	0.00009
-63.64	-120.21	0.00009	-70.71	-113.14	0.00009
-74.25	-109.60	0.00009	-77.78	-106.07	0.00009
-79.90	-103.94	0.00009	-81.32	-102.53	0.00009
-82.73	-101.12	0.00009	-84.15	-99.70	0.00009
-85.56	-98.29	0.00009	-98.29	-85.56	0.00009
-99.70	-84.15	0.00009	-101.12	-82.73	0.00009
-102.53	-81.32	0.00009	-103.94	-79.90	0.00009
-106.07	-77.78	0.00009	-109.60	-74.25	0.00009
-113.14	-70.71	0.00008	-120.21	-63.64	0.00008
-127.28	-56.57	0.00007	-134.35	-49.50	0.00006
-141.42	-42.43	0.00006	-148.49	-35.36	0.00005
-155.56	-28.28	0.00005	-162.63	-21.21	0.00005
-28.28	-169.71	0.00007	-35.36	-162.63	0.00007
-42.43	-155.56	0.00008	-49.50	-148.49	0.00008
-56.57	-141.42	0.00008	-63.64	-134.35	0.00008
-70.71	-127.28	0.00008	-77.78	-120.21	0.00008
-81.32	-116.67	0.00008	-84.85	-113.14	0.00008



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00008	-88.39	-109.60	0.00008
-89.80	-108.19	0.00008	-91.22	-106.77	0.00008
-92.63	-105.36	0.00008	-105.36	-92.63	0.00008
-106.77	-91.22	0.00008	-108.19	-89.80	0.00008
-109.60	-88.39	0.00008	-111.02	-86.97	0.00008
-113.14	-84.85	0.00008	-116.67	-81.32	0.00008
-120.21	-77.78	0.00008	-127.28	-70.71	0.00007
-134.35	-63.64	0.00006	-141.42	-56.57	0.00006
-148.49	-49.50	0.00005	-155.56	-42.43	0.00005
-162.63	-35.36	0.00005	-169.71	-28.28	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00007	-42.43	-169.71	0.00007
-49.50	-162.63	0.00007	-56.57	-155.56	0.00007
-63.64	-148.49	0.00007	-70.71	-141.42	0.00007
-77.78	-134.35	0.00007	-84.85	-127.28	0.00007
-88.39	-123.74	0.00007	-91.92	-120.21	0.00008
-94.05	-118.09	0.00008	-95.46	-116.67	0.00008
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00008
-113.84	-98.29	0.00008	-115.26	-96.87	0.00008
-116.67	-95.46	0.00008	-118.09	-94.05	0.00008
-120.21	-91.92	0.00008	-123.74	-88.39	0.00007
-127.28	-84.85	0.00007	-134.35	-77.78	0.00007
-141.42	-70.71	0.00006	-148.49	-63.64	0.00006
-155.56	-56.57	0.00005	-162.63	-49.50	0.00005
-169.71	-42.43	0.00005	-176.78	-35.36	0.00004
-42.43	-183.85	0.00006	-49.50	-176.78	0.00007
-56.57	-169.71	0.00007	-63.64	-162.63	0.00007
-70.71	-155.56	0.00007	-77.78	-148.49	0.00007
-84.85	-141.42	0.00007	-91.92	-134.35	0.00007
-95.46	-130.81	0.00007	-98.99	-127.28	0.00007
-101.12	-125.16	0.00007	-102.53	-123.74	0.00007
-103.94	-122.33	0.00007	-105.36	-120.92	0.00007
-106.77	-119.50	0.00007	-119.50	-106.77	0.00007
-120.92	-105.36	0.00007	-122.33	-103.94	0.00007

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00007	-125.16	-101.12	0.00007
-127.28	-98.99	0.00007	-130.81	-95.46	0.00007
-134.35	-91.92	0.00007	-141.42	-84.85	0.00006
-148.49	-77.78	0.00006	-155.56	-70.71	0.00005
-162.63	-63.64	0.00005	-169.71	-56.57	0.00004
-176.78	-49.50	0.00004	-183.85	-42.43	0.00004
-49.50	-190.92	0.00006	-56.57	-183.85	0.00006
-63.64	-176.78	0.00006	-70.71	-169.71	0.00006
-77.78	-162.63	0.00006	-84.85	-155.56	0.00006
-91.92	-148.49	0.00006	-98.99	-141.42	0.00006
-102.53	-137.89	0.00006	-106.07	-134.35	0.00007
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00007
-127.99	-112.43	0.00007	-129.40	-111.02	0.00007
-130.81	-109.60	0.00007	-132.23	-108.19	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-134.35	-106.07	0.00007	-137.89	-102.53	0.00006	
-141.42	-98.99	0.00006	-148.49	-91.92	0.00006	
-155.56	-84.85	0.00006	-162.63	-77.78	0.00005	
-169.71	-70.71	0.00005	-176.78	-63.64	0.00004	
-183.85	-56.57	0.00004	-190.92	-49.50	0.00004	
-56.57	-197.99	0.00006	-63.64	-190.92	0.00006	
-70.71	-183.85	0.00006	-77.78	-176.78	0.00006	
-84.85	-169.71	0.00006	-91.92	-162.63	0.00006	
-98.99	-155.56	0.00006	-106.07	-148.49	0.00006	
-109.60	-144.96	0.00006	-113.14	-141.42	0.00006	
-115.26	-139.30	0.00006	-116.67	-137.89	0.00006	
-118.09	-136.47	0.00006	-119.50	-135.06	0.00006	
-120.92	-133.64	0.00006	-133.64	-120.92	0.00006	
-135.06	-119.50	0.00006	-136.47	-118.09	0.00006	
-137.89	-116.67	0.00006	-139.30	-115.26	0.00006	
-141.42	-113.14	0.00006	-144.96	-109.60	0.00006	
-148.49	-106.07	0.00006	-155.56	-98.99	0.00006	
-162.63	-91.92	0.00005	-169.71	-84.85	0.00005	

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00004	-183.85	-70.71	0.00004
-190.92	-63.64	0.00004	-197.99	-56.57	0.00004
-63.64	-205.06	0.00005	-70.71	-197.99	0.00005
-77.78	-190.92	0.00005	-84.85	-183.85	0.00005
-91.92	-176.78	0.00006	-98.99	-169.71	0.00006
-106.07	-162.63	0.00006	-113.14	-155.56	0.00006
-116.67	-152.03	0.00006	-120.21	-148.49	0.00006
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00006
-142.13	-126.57	0.00006	-143.54	-125.16	0.00006
-144.96	-123.74	0.00006	-146.37	-122.33	0.00006
-148.49	-120.21	0.00006	-152.03	-116.67	0.00006
-155.56	-113.14	0.00006	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00003
-70.71	-212.13	0.00005	-77.78	-205.06	0.00005
-84.85	-197.99	0.00005	-91.92	-190.92	0.00005
-98.99	-183.85	0.00005	-106.07	-176.78	0.00005
-113.14	-169.71	0.00005	-120.21	-162.63	0.00005
-123.74	-159.10	0.00005	-127.28	-155.56	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:41:32      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*MODELOPTs:  
 PAGE 100  
 CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00005	-130.81	-152.03	0.00005
-132.23	-150.61	0.00005	-133.64	-149.20	0.00005
-135.06	-147.79	0.00005	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00005	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00005	-84.85	-212.13	0.00005
-91.92	-205.06	0.00005	-98.99	-197.99	0.00005

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-190.92	0.00005	-113.14	-183.85	0.00005
-120.21	-176.78	0.00005	-127.28	-169.71	0.00005
-130.81	-166.17	0.00005	-134.35	-162.63	0.00005
-136.47	-160.51	0.00005	-137.89	-159.10	0.00005
-139.30	-157.68	0.00005	-140.71	-156.27	0.00005
-142.13	-154.86	0.00005	-154.86	-142.13	0.00005
-156.27	-140.71	0.00005	-157.68	-139.30	0.00005
-159.10	-137.89	0.00005	-160.51	-136.47	0.00005
-162.63	-134.35	0.00005	-166.17	-130.81	0.00005
-169.71	-127.28	0.00005	-176.78	-120.21	0.00005
-183.85	-113.14	0.00004	-190.92	-106.07	0.00004
-197.99	-98.99	0.00004	-205.06	-91.92	0.00004
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00004	-91.92	-219.20	0.00005
-98.99	-212.13	0.00005	-106.07	-205.06	0.00005
-113.14	-197.99	0.00005	-120.21	-190.92	0.00005
-127.28	-183.85	0.00005	-134.35	-176.78	0.00005
-137.89	-173.24	0.00005	-141.42	-169.71	0.00005
-143.54	-167.58	0.00005	-144.96	-166.17	0.00005
-146.37	-164.76	0.00005	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00005
-163.34	-147.79	0.00005	-164.76	-146.37	0.00005
-166.17	-144.96	0.00005	-167.58	-143.54	0.00005
-169.71	-141.42	0.00005	-173.24	-137.89	0.00005
-176.78	-134.35	0.00005	-183.85	-127.28	0.00005
-190.92	-120.21	0.00004	-197.99	-113.14	0.00004
-205.06	-106.07	0.00004	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-106.07	-219.20	0.00004	-113.14	-212.13	0.00004
-120.21	-205.06	0.00004	-127.28	-197.99	0.00004
-134.35	-190.92	0.00004	-141.42	-183.85	0.00004
-144.96	-180.31	0.00004	-148.49	-176.78	0.00004
-150.61	-174.66	0.00004	-152.03	-173.24	0.00004

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00004	-154.86	-170.41	0.00004
-156.27	-169.00	0.00004	-169.00	-156.27	0.00005
-170.41	-154.86	0.00005	-171.83	-153.44	0.00005
-173.24	-152.03	0.00005	-174.66	-150.61	0.00005
-176.78	-148.49	0.00005	-180.31	-144.96	0.00004
-183.85	-141.42	0.00004	-190.92	-134.35	0.00004
-197.99	-127.28	0.00004	-205.06	-120.21	0.00004
-212.13	-113.14	0.00004	-219.20	-106.07	0.00003
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00004	-106.07	-233.35	0.00004
-113.14	-226.27	0.00004	-120.21	-219.20	0.00004
-127.28	-212.13	0.00004	-134.35	-205.06	0.00004
-141.42	-197.99	0.00004	-148.49	-190.92	0.00004
-152.03	-187.38	0.00004	-155.56	-183.85	0.00004
-157.68	-181.73	0.00004	-159.10	-180.31	0.00004
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-176.07	-163.34	0.00004
-177.48	-161.93	0.00004	-178.90	-160.51	0.00004
-180.31	-159.10	0.00004	-181.73	-157.68	0.00004
-183.85	-155.56	0.00004	-187.38	-152.03	0.00004
-190.92	-148.49	0.00004	-197.99	-141.42	0.00004
-205.06	-134.35	0.00004	-212.13	-127.28	0.00004
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00004	-113.14	-240.42	0.00004
-120.21	-233.35	0.00004	-127.28	-226.27	0.00004
-134.35	-219.20	0.00004	-141.42	-212.13	0.00004
-148.49	-205.06	0.00004	-155.56	-197.99	0.00004
-159.10	-194.45	0.00004	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-167.58	-185.97	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00004
-184.55	-169.00	0.00004	-185.97	-167.58	0.00004
-187.38	-166.17	0.00004	-188.80	-164.76	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 102  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00004	-194.45	-159.10	0.00004
-197.99	-155.56	0.00004	-205.06	-148.49	0.00004
-212.13	-141.42	0.00004	-219.20	-134.35	0.00004
-226.27	-127.28	0.00003	-233.35	-120.21	0.00003
-240.42	-113.14	0.00003	-247.49	-106.07	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00122	240.42	113.14	0.00129
233.35	120.21	0.00134	226.27	127.28	0.00138
219.20	134.35	0.00140	212.13	141.42	0.00137
205.06	148.49	0.00127	197.99	155.56	0.00108
194.45	159.10	0.00095	190.92	162.63	0.00081
188.80	164.76	0.00073	187.38	166.17	0.00068
185.97	167.58	0.00063	184.55	169.00	0.00058
183.14	170.41	0.00054	170.41	183.14	0.00039
169.00	184.55	0.00039	167.58	185.97	0.00038
166.17	187.38	0.00037	164.76	188.80	0.00036
162.63	190.92	0.00035	159.10	194.45	0.00032
155.56	197.99	0.00030	148.49	205.06	0.00026
141.42	212.13	0.00024	134.35	219.20	0.00021
127.28	226.27	0.00020	120.21	233.35	0.00018
113.14	240.42	0.00017	106.07	247.49	0.00016
240.42	98.99	0.00148	233.35	106.07	0.00160
226.27	113.14	0.00172	219.20	120.21	0.00183
212.13	127.28	0.00194	205.06	134.35	0.00200
197.99	141.42	0.00199	190.92	148.49	0.00184
187.38	152.03	0.00169	183.85	155.56	0.00148
181.73	157.68	0.00132	180.31	159.10	0.00121
178.90	160.51	0.00110	177.48	161.93	0.00099
176.07	163.34	0.00089	163.34	176.07	0.00052
161.93	177.48	0.00051	160.51	178.90	0.00049
159.10	180.31	0.00048	157.68	181.73	0.00047
155.56	183.85	0.00045	152.03	187.38	0.00042
148.49	190.92	0.00039	141.42	197.99	0.00035
134.35	205.06	0.00031	127.28	212.13	0.00028
120.21	219.20	0.00025	113.14	226.27	0.00023

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00021	98.99	240.42	0.00019
233.35	91.92	0.00172	226.27	98.99	0.00190
219.20	106.07	0.00210	212.13	113.14	0.00232
205.06	120.21	0.00255	197.99	127.28	0.00279
190.92	134.35	0.00300	183.85	141.42	0.00311
180.31	144.96	0.00308	176.78	148.49	0.00295
174.66	150.61	0.00281	173.24	152.03	0.00267
171.83	153.44	0.00250	170.41	154.86	0.00229
169.00	156.27	0.00203	156.27	169.00	0.00073
154.86	170.41	0.00072	153.44	171.83	0.00070
152.03	173.24	0.00069	150.61	174.66	0.00067

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00065	144.96	180.31	0.00061
141.42	183.85	0.00056	134.35	190.92	0.00048
127.28	197.99	0.00042	120.21	205.06	0.00036
113.14	212.13	0.00032	106.07	219.20	0.00028
99.00	226.27	0.00025	91.92	233.35	0.00023
226.27	84.85	0.00191	219.20	91.92	0.00215
212.13	98.99	0.00242	205.06	106.07	0.00272
197.99	113.14	0.00307	190.92	120.21	0.00346
183.85	127.28	0.00387	176.78	134.35	0.00426
173.24	137.89	0.00441	169.71	141.42	0.00450
167.58	143.54	0.00450	166.17	144.96	0.00448
164.76	146.37	0.00445	163.34	147.79	0.00442
161.93	149.20	0.00438	149.20	161.93	0.00123
147.79	163.34	0.00117	146.37	164.76	0.00111
144.96	166.17	0.00107	143.54	167.58	0.00103
141.42	169.71	0.00097	137.89	173.24	0.00087
134.35	176.78	0.00079	127.28	183.85	0.00065
120.21	190.92	0.00055	113.14	197.99	0.00046
106.07	205.06	0.00040	99.00	212.13	0.00035
91.92	219.20	0.00030	84.85	226.27	0.00027
219.20	77.78	0.00205	212.13	84.85	0.00232
205.06	91.92	0.00263	197.99	98.99	0.00300
190.92	106.07	0.00342	183.85	113.14	0.00389

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00438	169.71	127.28	0.00483
166.17	130.81	0.00499	162.63	134.35	0.00506
160.51	136.47	0.00504	159.10	137.89	0.00499
157.68	139.30	0.00492	156.27	140.71	0.00485
154.86	142.13	0.00476	142.13	154.86	0.00145
140.71	156.27	0.00140	139.30	157.68	0.00135
137.89	159.10	0.00131	136.47	160.51	0.00127
134.35	162.63	0.00120	130.81	166.17	0.00109
127.28	169.71	0.00098	120.21	176.78	0.00080
113.14	183.85	0.00066	106.07	190.92	0.00056
99.00	197.99	0.00047	91.92	205.06	0.00041
84.85	212.13	0.00035	77.78	219.20	0.00031
212.13	70.71	0.00211	205.06	77.78	0.00241
197.99	84.85	0.00275	190.92	91.92	0.00316
183.85	98.99	0.00362	176.78	106.07	0.00413
169.71	113.14	0.00465	162.63	120.21	0.00509
159.10	123.74	0.00523	155.56	127.28	0.00527

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00523	152.03	130.81	0.00518
150.61	132.23	0.00509	149.20	133.64	0.00499
147.79	135.06	0.00489	135.06	147.79	0.00155
133.64	149.20	0.00150	132.23	150.61	0.00146
130.81	152.03	0.00142	129.40	153.44	0.00138
127.28	155.56	0.00132	123.74	159.10	0.00122
120.21	162.63	0.00111	113.14	169.71	0.00092
106.07	176.78	0.00076	98.99	183.85	0.00064
91.92	190.92	0.00054	84.85	197.99	0.00046
77.78	205.06	0.00039	70.71	212.13	0.00034
205.06	63.64	0.00212	197.99	70.71	0.00242
190.92	77.78	0.00278	183.85	84.85	0.00320
176.78	91.92	0.00369	169.71	98.99	0.00422
162.63	106.07	0.00475	155.56	113.14	0.00519
152.03	116.67	0.00532	148.49	120.21	0.00535
146.37	122.33	0.00530	144.96	123.74	0.00525
143.54	125.16	0.00517	142.13	126.57	0.00507



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

140.71	127.99	0.00498	127.99	140.71	0.00161
126.57	142.13	0.00155	125.16	143.54	0.00151
123.74	144.96	0.00147	122.33	146.37	0.00144
120.21	148.49	0.00138	116.67	152.03	0.00128
113.14	155.56	0.00118	106.07	162.63	0.00100
98.99	169.71	0.00084	91.92	176.78	0.00070
84.85	183.85	0.00059	77.78	190.92	0.00050
70.71	197.99	0.00043	63.64	205.06	0.00037
197.99	56.57	0.00206	190.92	63.64	0.00236
183.85	70.71	0.00272	176.78	77.78	0.00314
169.71	84.85	0.00362	162.63	91.92	0.00417
155.56	98.99	0.00472	148.49	106.07	0.00517
144.96	109.60	0.00531	141.42	113.14	0.00535
139.30	115.26	0.00531	137.89	116.67	0.00526
136.47	118.09	0.00519	135.06	119.50	0.00510
133.64	120.92	0.00501	120.92	133.64	0.00164
119.50	135.06	0.00158	118.09	136.47	0.00153
116.67	137.89	0.00149	115.26	139.30	0.00146
113.14	141.42	0.00141	109.60	144.96	0.00132
106.07	148.49	0.00122	98.99	155.56	0.00104
91.92	162.63	0.00088	84.85	169.71	0.00074
77.78	176.78	0.00063	70.71	183.85	0.00053
63.64	190.92	0.00045	56.57	197.99	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00194	183.85	56.57	0.00222
176.78	63.64	0.00256	169.71	70.71	0.00296
162.63	77.78	0.00343	155.56	84.85	0.00397
148.49	91.92	0.00454	141.42	98.99	0.00503
137.89	102.53	0.00520	134.35	106.07	0.00527
132.23	108.19	0.00526	130.81	109.60	0.00521
129.40	111.02	0.00515	127.99	112.43	0.00507
126.57	113.84	0.00498	113.84	126.57	0.00164
112.43	127.99	0.00158	111.02	129.40	0.00153
109.60	130.81	0.00149	108.19	132.23	0.00145
106.07	134.35	0.00140	102.53	137.89	0.00132

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00124	91.92	148.49	0.00106
84.85	155.56	0.00090	77.78	162.63	0.00076
70.71	169.71	0.00065	63.64	176.78	0.00055
56.57	183.85	0.00047	49.50	190.92	0.00040
183.85	42.43	0.00175	176.78	49.50	0.00200
169.71	56.57	0.00230	162.63	63.64	0.00266
155.56	70.71	0.00309	148.49	77.78	0.00359
141.42	84.85	0.00414	134.35	91.92	0.00468
130.81	95.46	0.00490	127.28	98.99	0.00503
125.16	101.12	0.00505	123.74	102.53	0.00504
122.33	103.94	0.00500	120.92	105.36	0.00494
119.50	106.77	0.00487	106.77	119.50	0.00161
105.36	120.92	0.00154	103.94	122.33	0.00149
102.53	123.74	0.00145	101.12	125.16	0.00142
98.99	127.28	0.00137	95.46	130.81	0.00130
91.92	134.35	0.00122	84.85	141.42	0.00104
77.78	148.49	0.00089	70.71	155.56	0.00075
63.64	162.63	0.00064	56.57	169.71	0.00055
49.50	176.78	0.00047	42.43	183.85	0.00040
176.78	35.36	0.00151	169.71	42.43	0.00171
162.63	49.50	0.00195	155.56	56.57	0.00224
148.49	63.64	0.00258	141.42	70.71	0.00299
134.35	77.78	0.00344	127.28	84.85	0.00395
123.74	88.39	0.00419	120.21	91.92	0.00441
118.09	94.05	0.00451	116.67	95.46	0.00455
115.26	96.87	0.00457	113.84	98.29	0.00458
112.43	99.70	0.00457	99.70	112.43	0.00152
98.29	113.84	0.00146	96.87	115.26	0.00142
95.46	116.67	0.00138	94.05	118.09	0.00135

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00130	88.39	123.74	0.00122
84.85	127.28	0.00114	77.78	134.35	0.00099
70.71	141.42	0.00084	63.64	148.49	0.00071
56.57	155.56	0.00061	49.50	162.63	0.00052
42.43	169.71	0.00045	35.36	176.78	0.00039

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00126	162.63	35.36	0.00141
155.56	42.43	0.00157	148.49	49.50	0.00176
141.42	56.57	0.00198	134.35	63.64	0.00221
127.28	70.71	0.00245	120.21	77.78	0.00270
116.67	81.32	0.00283	113.14	84.85	0.00296
111.02	86.97	0.00306	109.60	88.39	0.00313
108.19	89.80	0.00321	106.77	91.22	0.00332
105.36	92.63	0.00346	92.63	105.36	0.00134
91.22	106.77	0.00128	89.80	108.19	0.00123
88.39	109.60	0.00120	86.97	111.02	0.00116
84.85	113.14	0.00112	81.32	116.67	0.00105
77.78	120.21	0.00099	70.71	127.28	0.00086
63.64	134.35	0.00075	56.57	141.42	0.00064
49.50	148.49	0.00056	42.43	155.56	0.00048
35.36	162.63	0.00042	28.28	169.71	0.00037
162.63	21.21	0.00104	155.56	28.28	0.00113
148.49	35.36	0.00123	141.42	42.43	0.00134
134.35	49.50	0.00144	127.28	56.57	0.00152
120.21	63.64	0.00157	113.14	70.71	0.00155
109.60	74.25	0.00151	106.07	77.78	0.00143
103.94	79.90	0.00137	102.53	81.32	0.00132
101.12	82.73	0.00127	99.70	84.15	0.00122
98.29	85.56	0.00116	85.56	98.29	0.00086
84.15	99.70	0.00085	82.73	101.12	0.00084
81.32	102.53	0.00083	79.90	103.94	0.00083
77.78	106.07	0.00081	74.25	109.60	0.00079
70.71	113.14	0.00077	63.64	120.21	0.00070
56.57	127.28	0.00063	49.50	134.35	0.00056
42.43	141.42	0.00049	35.36	148.49	0.00043
28.28	155.56	0.00038	21.21	162.63	0.00034
155.56	14.14	0.00085	148.49	21.21	0.00090
141.42	28.28	0.00096	134.35	35.36	0.00101
127.28	42.43	0.00105	120.21	49.50	0.00106
113.14	56.57	0.00104	106.07	63.64	0.00097
102.53	67.18	0.00092	98.99	70.71	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*  
 14:41:32  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00083	95.46	74.25	0.00081
94.05	75.66	0.00079	92.63	77.07	0.00078
91.22	78.49	0.00077	78.49	91.22	0.00065
77.07	92.63	0.00062	75.66	94.05	0.00061
74.25	95.46	0.00060	72.83	96.87	0.00059
70.71	98.99	0.00058	67.18	102.53	0.00058
63.64	106.07	0.00057	56.57	113.14	0.00055
49.50	120.21	0.00052	42.43	127.28	0.00047
35.36	134.35	0.00042	28.28	141.42	0.00038
21.21	148.49	0.00034	14.14	155.56	0.00031
148.49	7.07	0.00069	141.42	14.14	0.00072
134.35	21.21	0.00075	127.28	28.28	0.00077
120.21	35.36	0.00077	113.14	42.43	0.00076
106.07	49.50	0.00073	98.99	56.57	0.00068
95.46	60.10	0.00065	91.92	63.64	0.00063
89.80	65.76	0.00062	88.39	67.18	0.00062
86.97	68.59	0.00062	85.56	70.00	0.00062
84.15	71.42	0.00062	71.42	84.15	0.00055
70.00	85.56	0.00052	68.59	86.97	0.00050
67.18	88.39	0.00048	65.76	89.80	0.00047
63.64	91.92	0.00046	60.10	95.46	0.00044
56.57	98.99	0.00044	49.50	106.07	0.00043
42.43	113.14	0.00042	35.36	120.21	0.00039
28.28	127.28	0.00036	21.21	134.35	0.00033
14.14	141.42	0.00030	7.07	148.49	0.00028
141.42	0.00	0.00056	134.35	7.07	0.00058
127.28	14.14	0.00059	120.21	21.21	0.00059
113.14	28.28	0.00058	106.07	35.36	0.00056
98.99	42.43	0.00054	91.92	49.50	0.00051
88.39	53.03	0.00051	84.85	56.57	0.00051
82.73	58.69	0.00051	81.32	60.10	0.00051
79.90	61.52	0.00051	78.49	62.93	0.00051
77.07	64.35	0.00051	64.35	77.07	0.00047
62.93	78.49	0.00045	61.52	79.90	0.00043
60.10	81.32	0.00041	58.69	82.73	0.00040
56.57	84.85	0.00038	53.03	88.39	0.00036
49.50	91.92	0.00035	42.43	98.99	0.00034
35.36	106.07	0.00033	28.28	113.14	0.00032
21.21	120.21	0.00031	14.14	127.28	0.00029
7.07	134.35	0.00027	0.00	141.42	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00046	127.28	0.00	0.00046
120.21	7.07	0.00046	113.14	14.14	0.00046
106.07	21.21	0.00045	98.99	28.28	0.00044
91.92	35.36	0.00042	84.85	42.43	0.00041
81.32	45.96	0.00042	77.78	49.50	0.00042
75.66	51.62	0.00043	74.25	53.03	0.00043
72.83	54.45	0.00043	71.42	55.86	0.00043
70.00	57.28	0.00043	57.28	70.00	0.00041
55.86	71.42	0.00039	54.45	72.83	0.00038
53.03	74.25	0.00036	51.62	75.66	0.00035
49.50	77.78	0.00033	45.96	81.32	0.00030
42.43	84.85	0.00029	35.36	91.92	0.00028
28.28	98.99	0.00027	21.21	106.07	0.00026
14.14	113.14	0.00026	7.07	120.21	0.00024
0.00	127.28	0.00023	-7.07	134.35	0.00022
127.28	-14.14	0.00038	120.21	-7.07	0.00038
113.14	0.00	0.00037	106.07	7.07	0.00037
98.99	14.14	0.00036	91.92	21.21	0.00035
84.85	28.28	0.00034	77.78	35.36	0.00035
74.25	38.89	0.00035	70.71	42.43	0.00036
68.59	44.55	0.00036	67.18	45.96	0.00036
65.76	47.38	0.00036	64.35	48.79	0.00036
62.93	50.20	0.00036	50.20	62.93	0.00035
48.79	64.35	0.00034	47.38	65.76	0.00033
45.96	67.18	0.00032	44.55	68.59	0.00031
42.43	70.71	0.00029	38.89	74.25	0.00026
35.36	77.78	0.00025	28.28	84.85	0.00023
21.21	91.92	0.00023	14.14	98.99	0.00022
7.07	106.07	0.00021	0.00	113.14	0.00021
-7.07	120.21	0.00020	-14.14	127.28	0.00019
120.21	-21.21	0.00031	113.14	-14.14	0.00031
106.07	-7.07	0.00031	98.99	0.00	0.00030
91.92	7.07	0.00029	84.85	14.14	0.00029
77.78	21.21	0.00029	70.71	28.28	0.00030
67.18	31.82	0.00030	63.64	35.36	0.00030
61.52	37.48	0.00031	60.10	38.89	0.00031
58.69	40.31	0.00031	57.28	41.72	0.00031

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00031	43.13	55.86	0.00030
41.72	57.28	0.00030	40.31	58.69	0.00029
38.89	60.10	0.00028	37.48	61.52	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00026	31.82	67.18	0.00023
28.28	70.71	0.00022	21.21	77.78	0.00020
14.14	84.85	0.00019	7.07	91.92	0.00019
0.00	98.99	0.00018	-7.07	106.07	0.00018
-14.14	113.14	0.00017	-21.21	120.21	0.00016
113.14	-28.28	0.00026	106.07	-21.21	0.00026
98.99	-14.14	0.00025	91.92	-7.07	0.00025
84.85	0.00	0.00024	77.78	7.07	0.00024
70.71	14.14	0.00025	63.64	21.21	0.00026
60.10	24.75	0.00026	56.57	28.28	0.00026
54.45	30.41	0.00026	53.03	31.82	0.00026
51.62	33.23	0.00026	50.20	34.65	0.00027
48.79	36.06	0.00027	36.06	48.79	0.00026
34.65	50.20	0.00026	33.23	51.62	0.00025
31.82	53.03	0.00025	30.41	54.45	0.00024
28.28	56.57	0.00023	24.75	60.10	0.00021
21.21	63.64	0.00019	14.14	70.71	0.00017
7.07	77.78	0.00017	0.00	84.85	0.00016
-7.07	91.92	0.00016	-14.14	98.99	0.00015
-21.21	106.07	0.00015	-28.28	113.14	0.00014
106.07	-35.36	0.00022	98.99	-28.28	0.00022
91.92	-21.21	0.00021	84.85	-14.14	0.00021
77.78	-7.07	0.00021	70.71	0.00	0.00021
63.64	7.07	0.00022	56.57	14.14	0.00023
53.03	17.68	0.00023	49.50	21.21	0.00023
47.38	23.33	0.00023	45.96	24.75	0.00023
44.55	26.16	0.00023	43.13	27.58	0.00023
41.72	28.99	0.00023	28.99	41.72	0.00023
27.58	43.13	0.00023	26.16	44.55	0.00022
24.75	45.96	0.00022	23.33	47.38	0.00021
21.21	49.50	0.00021	17.68	53.03	0.00019

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00017	7.07	63.64	0.00015
0.00	70.71	0.00014	-7.07	77.78	0.00014
-14.14	84.85	0.00014	-21.21	91.92	0.00014
-28.28	98.99	0.00013	-35.36	106.07	0.00013
98.99	-42.43	0.00019	91.92	-35.36	0.00019
84.85	-28.28	0.00018	77.78	-21.21	0.00018
70.71	-14.14	0.00018	63.64	-7.07	0.00019
56.57	0.00	0.00019	49.50	7.07	0.00020
45.96	10.61	0.00020	42.43	14.14	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00020	38.89	17.68	0.00020
37.48	19.09	0.00020	36.06	20.51	0.00020
34.65	21.92	0.00020	21.92	34.65	0.00020
20.51	36.06	0.00020	19.09	37.48	0.00020
17.68	38.89	0.00020	16.26	40.31	0.00019
14.14	42.43	0.00018	10.61	45.96	0.00017
7.07	49.50	0.00016	0.00	56.57	0.00014
-7.07	63.64	0.00013	-14.14	70.71	0.00012
-21.21	77.78	0.00012	-28.28	84.85	0.00012
-35.36	91.92	0.00012	-42.43	98.99	0.00011
91.92	-49.50	0.00016	84.85	-42.43	0.00016
77.78	-35.36	0.00016	70.71	-28.28	0.00016
63.64	-21.21	0.00016	56.57	-14.14	0.00017
49.50	-7.07	0.00017	42.43	0.00	0.00017
38.89	3.54	0.00018	35.36	7.07	0.00018
33.23	9.19	0.00018	31.82	10.61	0.00018
30.41	12.02	0.00018	28.99	13.44	0.00018
27.58	14.85	0.00018	14.85	27.58	0.00018
13.44	28.99	0.00018	12.02	30.41	0.00018
10.61	31.82	0.00017	9.19	33.23	0.00017
7.07	35.36	0.00017	3.54	38.89	0.00016
0.00	42.43	0.00015	-7.07	49.50	0.00013
-14.14	56.57	0.00011	-21.21	63.64	0.00011
-28.28	70.71	0.00011	-35.36	77.78	0.00011
-42.43	84.85	0.00011	-49.50	91.92	0.00010

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00014	77.78	-49.50	0.00014
70.71	-42.43	0.00014	63.64	-35.36	0.00014
56.57	-28.28	0.00015	49.50	-21.21	0.00015
42.43	-14.14	0.00015	35.36	-7.07	0.00016
31.82	-3.54	0.00016	28.28	0.00	0.00016
26.16	2.12	0.00016	24.75	3.54	0.00016
23.33	4.95	0.00016	21.92	6.36	0.00016
20.51	7.78	0.00016	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00015
0.00	28.28	0.00015	-3.54	31.82	0.00014
-7.07	35.36	0.00013	-14.14	42.43	0.00012
-21.21	49.50	0.00010	-28.28	56.57	0.00010
-35.36	63.64	0.00010	-42.43	70.71	0.00010
-49.50	77.78	0.00010	-56.57	84.85	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00012	70.71	-56.57	0.00012
63.64	-49.50	0.00013	56.57	-42.43	0.00013
49.50	-35.36	0.00013	42.43	-28.28	0.00014
35.36	-21.21	0.00014	28.28	-14.14	0.00014
24.75	-10.61	0.00014	21.21	-7.07	0.00014
19.09	-4.95	0.00014	17.68	-3.54	0.00014
16.26	-2.12	0.00014	14.85	-0.71	0.00014
13.44	0.71	0.00014	0.71	13.44	0.00014
-0.71	14.85	0.00014	-2.12	16.26	0.00014
-3.54	17.68	0.00014	-4.95	19.09	0.00014
-7.07	21.21	0.00014	-10.61	24.75	0.00013
-14.14	28.28	0.00012	-21.21	35.36	0.00011
-28.28	42.43	0.00010	-35.36	49.50	0.00009
-42.43	56.57	0.00009	-49.50	63.64	0.00009
-56.57	70.71	0.00009	-63.64	77.78	0.00008
70.71	-70.71	0.00011	63.64	-63.64	0.00011
56.57	-56.57	0.00011	49.50	-49.50	0.00012
42.43	-42.43	0.00012	35.36	-35.36	0.00012
28.28	-28.28	0.00012	21.21	-21.21	0.00013



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00013	14.14	-14.14	0.00013
12.02	-12.02	0.00013	10.61	-10.61	0.00013
9.19	-9.19	0.00013	7.78	-7.78	0.00013
6.36	-6.36	0.00013	-6.36	6.36	0.00013
-7.78	7.78	0.00013	-9.19	9.19	0.00013
-10.61	10.61	0.00013	-12.02	12.02	0.00013
-14.14	14.14	0.00012	-17.68	17.68	0.00012
-21.21	21.21	0.00011	-28.28	28.28	0.00010
-35.36	35.36	0.00009	-42.43	42.43	0.00008
-49.50	49.50	0.00008	-56.57	56.57	0.00008
-63.64	63.64	0.00008	-70.71	70.71	0.00008
63.64	-77.78	0.00010	56.57	-70.71	0.00010
49.50	-63.64	0.00010	42.43	-56.57	0.00011
35.36	-49.50	0.00011	28.28	-42.43	0.00011
21.21	-35.36	0.00011	14.14	-28.28	0.00011
10.61	-24.75	0.00011	7.07	-21.21	0.00012
4.95	-19.09	0.00012	3.54	-17.68	0.00012
2.12	-16.26	0.00012	0.71	-14.85	0.00012
-0.71	-13.44	0.00012	-13.44	-0.71	0.00012
-14.85	0.71	0.00012	-16.26	2.12	0.00012
-17.68	3.54	0.00012	-19.09	4.95	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00011	-24.75	10.61	0.00011
-28.28	14.14	0.00010	-35.36	21.21	0.00009
-42.43	28.28	0.00008	-49.50	35.36	0.00007
-56.57	42.43	0.00007	-63.64	49.50	0.00007
-70.71	56.57	0.00007	-77.78	63.64	0.00007
56.57	-84.85	0.00009	49.50	-77.78	0.00009
42.43	-70.71	0.00010	35.36	-63.64	0.00010
28.28	-56.57	0.00010	21.21	-49.50	0.00010
14.14	-42.43	0.00010	7.07	-35.36	0.00010
3.54	-31.82	0.00010	0.00	-28.28	0.00010
-2.12	-26.16	0.00011	-3.54	-24.75	0.00011
-4.95	-23.33	0.00011	-6.36	-21.92	0.00011
-7.78	-20.51	0.00011	-20.51	-7.78	0.00011

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00011	-23.33	-4.95	0.00011
-24.75	-3.54	0.00011	-26.16	-2.12	0.00010
-28.28	0.00	0.00010	-31.82	3.54	0.00010
-35.36	7.07	0.00010	-42.43	14.14	0.00009
-49.50	21.21	0.00008	-56.57	28.28	0.00007
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00006	-84.85	56.57	0.00006
49.50	-91.92	0.00008	42.43	-84.85	0.00009
35.36	-77.78	0.00009	28.28	-70.71	0.00009
21.21	-63.64	0.00009	14.14	-56.57	0.00009
7.07	-49.50	0.00009	0.00	-42.43	0.00009
-3.54	-38.89	0.00010	-7.07	-35.36	0.00010
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00010
-28.99	-13.44	0.00010	-30.41	-12.02	0.00010
-31.82	-10.61	0.00010	-33.23	-9.19	0.00010
-35.36	-7.07	0.00010	-38.89	-3.54	0.00009
-42.43	0.00	0.00009	-49.50	7.07	0.00008
-56.57	14.14	0.00007	-63.64	21.21	0.00007
-70.71	28.28	0.00006	-77.78	35.36	0.00006
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00008	35.36	-91.92	0.00008
28.28	-84.85	0.00008	21.21	-77.78	0.00008
14.14	-70.71	0.00009	7.07	-63.64	0.00009
0.00	-56.57	0.00009	-7.07	-49.50	0.00009
-10.61	-45.96	0.00009	-14.14	-42.43	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00009	-17.68	-38.89	0.00009
-19.09	-37.48	0.00009	-20.51	-36.06	0.00009
-21.92	-34.65	0.00009	-34.65	-21.92	0.00009
-36.06	-20.51	0.00009	-37.48	-19.09	0.00009
-38.89	-17.68	0.00009	-40.31	-16.26	0.00009
-42.43	-14.14	0.00009	-45.96	-10.61	0.00009
-49.50	-7.07	0.00008	-56.57	0.00	0.00008

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00007	-70.71	14.14	0.00006
-77.78	21.21	0.00006	-84.85	28.28	0.00005
-91.92	35.36	0.00005	-98.99	42.43	0.00005
35.36	-106.07	0.00007	28.28	-98.99	0.00007
21.21	-91.92	0.00008	14.14	-84.85	0.00008
7.07	-77.78	0.00008	0.00	-70.71	0.00008
-7.07	-63.64	0.00008	-14.14	-56.57	0.00008
-17.68	-53.03	0.00008	-21.21	-49.50	0.00008
-23.33	-47.38	0.00008	-24.75	-45.96	0.00008
-26.16	-44.55	0.00008	-27.58	-43.13	0.00008
-28.99	-41.72	0.00008	-41.72	-28.99	0.00008
-43.13	-27.58	0.00008	-44.55	-26.16	0.00008
-45.96	-24.75	0.00008	-47.38	-23.33	0.00008
-49.50	-21.21	0.00008	-53.03	-17.68	0.00008
-56.57	-14.14	0.00008	-63.64	-7.07	0.00007
-70.71	0.00	0.00006	-77.78	7.07	0.00006
-84.85	14.14	0.00005	-91.92	21.21	0.00005
-98.99	28.28	0.00005	-106.07	35.36	0.00005
28.28	-113.14	0.00007	21.21	-106.07	0.00007
14.14	-98.99	0.00007	7.07	-91.92	0.00007
0.00	-84.85	0.00007	-7.07	-77.78	0.00007
-14.14	-70.71	0.00007	-21.21	-63.64	0.00007
-24.75	-60.10	0.00007	-28.28	-56.57	0.00008
-30.41	-54.45	0.00008	-31.82	-53.03	0.00008
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00008
-50.20	-34.65	0.00008	-51.62	-33.23	0.00008
-53.03	-31.82	0.00008	-54.45	-30.41	0.00008
-56.57	-28.28	0.00008	-60.10	-24.75	0.00007
-63.64	-21.21	0.00007	-70.71	-14.14	0.00007
-77.78	-7.07	0.00006	-84.85	0.00	0.00006
-91.92	7.07	0.00005	-98.99	14.14	0.00005
-106.07	21.21	0.00005	-113.14	28.28	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00006	14.14	-113.14	0.00007

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00007	0.00	-98.99	0.00007
-7.07	-91.92	0.00007	-14.14	-84.85	0.00007
-21.21	-77.78	0.00007	-28.28	-70.71	0.00007
-31.82	-67.18	0.00007	-35.36	-63.64	0.00007
-37.48	-61.52	0.00007	-38.89	-60.10	0.00007
-40.31	-58.69	0.00007	-41.72	-57.28	0.00007
-43.13	-55.86	0.00007	-55.86	-43.13	0.00007
-57.28	-41.72	0.00007	-58.69	-40.31	0.00007
-60.10	-38.89	0.00007	-61.52	-37.48	0.00007
-63.64	-35.36	0.00007	-67.18	-31.82	0.00007
-70.71	-28.28	0.00007	-77.78	-21.21	0.00006
-84.85	-14.14	0.00006	-91.92	-7.07	0.00005
-98.99	0.00	0.00005	-106.07	7.07	0.00004
-113.14	14.14	0.00004	-120.21	21.21	0.00004
14.14	-127.28	0.00006	7.07	-120.21	0.00006
0.00	-113.14	0.00006	-7.07	-106.07	0.00006
-14.14	-98.99	0.00006	-21.21	-91.92	0.00006
-28.28	-84.85	0.00006	-35.36	-77.78	0.00006
-38.89	-74.25	0.00006	-42.43	-70.71	0.00007
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00007
-64.35	-48.79	0.00007	-65.76	-47.38	0.00007
-67.18	-45.96	0.00007	-68.59	-44.55	0.00007
-70.71	-42.43	0.00007	-74.25	-38.89	0.00006
-77.78	-35.36	0.00006	-84.85	-28.28	0.00006
-91.92	-21.21	0.00006	-98.99	-14.14	0.00005
-106.07	-7.07	0.00005	-113.14	0.00	0.00004
-120.21	7.07	0.00004	-127.28	14.14	0.00004
7.07	-134.35	0.00006	0.00	-127.28	0.00006
-7.07	-120.21	0.00006	-14.14	-113.14	0.00006
-21.21	-106.07	0.00006	-28.28	-98.99	0.00006
-35.36	-91.92	0.00006	-42.43	-84.85	0.00006
-45.96	-81.32	0.00006	-49.50	-77.78	0.00006
-51.62	-75.66	0.00006	-53.03	-74.25	0.00006
-54.45	-72.83	0.00006	-55.86	-71.42	0.00006
-57.28	-70.00	0.00006	-70.00	-57.28	0.00006
-71.42	-55.86	0.00006	-72.83	-54.45	0.00006
-74.25	-53.03	0.00006	-75.66	-51.62	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00006	-81.32	-45.96	0.00006
-84.85	-42.43	0.00006	-91.92	-35.36	0.00006
-98.99	-28.28	0.00005	-106.07	-21.21	0.00005
-113.14	-14.14	0.00004	-120.21	-7.07	0.00004
-127.28	0.00	0.00004	-134.35	7.07	0.00004
0.00	-141.42	0.00005	-7.07	-134.35	0.00005
-14.14	-127.28	0.00005	-21.21	-120.21	0.00005
-28.28	-113.14	0.00006	-35.36	-106.07	0.00006
-42.43	-98.99	0.00006	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00006
-78.49	-62.93	0.00006	-79.90	-61.52	0.00006
-81.32	-60.10	0.00006	-82.73	-58.69	0.00006
-84.85	-56.57	0.00006	-88.39	-53.03	0.00006
-91.92	-49.50	0.00006	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00004	-127.28	-14.14	0.00004
-134.35	-7.07	0.00004	-141.42	0.00	0.00003
-7.07	-148.49	0.00005	-14.14	-141.42	0.00005
-21.21	-134.35	0.00005	-28.28	-127.28	0.00005
-35.36	-120.21	0.00005	-42.43	-113.14	0.00005
-49.50	-106.07	0.00005	-56.57	-98.99	0.00005
-60.10	-95.46	0.00005	-63.64	-91.92	0.00005
-65.76	-89.80	0.00005	-67.18	-88.39	0.00005
-68.59	-86.97	0.00005	-70.00	-85.56	0.00005
-71.42	-84.15	0.00005	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00005	-120.21	-35.36	0.00004
-127.28	-28.28	0.00004	-134.35	-21.21	0.00004
-141.42	-14.14	0.00003	-148.49	-7.07	0.00003
-14.14	-155.56	0.00005	-21.21	-148.49	0.00005
-28.28	-141.42	0.00005	-35.36	-134.35	0.00005
-42.43	-127.28	0.00005	-49.50	-120.21	0.00005
-56.57	-113.14	0.00005	-63.64	-106.07	0.00005

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18      -102.53      0.00005      -70.71      -98.99      0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00005	-74.25	-95.46	0.00005
-75.66	-94.05	0.00005	-77.07	-92.63	0.00005
-78.49	-91.22	0.00005	-91.22	-78.49	0.00005
-92.63	-77.07	0.00005	-94.05	-75.66	0.00005
-95.46	-74.25	0.00005	-96.87	-72.83	0.00005
-98.99	-70.71	0.00005	-102.53	-67.18	0.00005
-106.07	-63.64	0.00005	-113.14	-56.57	0.00005
-120.21	-49.50	0.00004	-127.28	-42.43	0.00004
-134.35	-35.36	0.00004	-141.42	-28.28	0.00004
-148.49	-21.21	0.00003	-155.56	-14.14	0.00003
-21.21	-162.63	0.00004	-28.28	-155.56	0.00005
-35.36	-148.49	0.00005	-42.43	-141.42	0.00005
-49.50	-134.35	0.00005	-56.57	-127.28	0.00005
-63.64	-120.21	0.00005	-70.71	-113.14	0.00005
-74.25	-109.60	0.00005	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00005
-99.70	-84.15	0.00005	-101.12	-82.73	0.00005
-102.53	-81.32	0.00005	-103.94	-79.90	0.00005
-106.07	-77.78	0.00005	-109.60	-74.25	0.00005
-113.14	-70.71	0.00005	-120.21	-63.64	0.00005
-127.28	-56.57	0.00004	-134.35	-49.50	0.00004
-141.42	-42.43	0.00004	-148.49	-35.36	0.00003
-155.56	-28.28	0.00003	-162.63	-21.21	0.00003
-28.28	-169.71	0.00004	-35.36	-162.63	0.00004
-42.43	-155.56	0.00004	-49.50	-148.49	0.00004
-56.57	-141.42	0.00004	-63.64	-134.35	0.00004
-70.71	-127.28	0.00004	-77.78	-120.21	0.00004
-81.32	-116.67	0.00004	-84.85	-113.14	0.00004
-86.97	-111.02	0.00004	-88.39	-109.60	0.00004
-89.80	-108.19	0.00004	-91.22	-106.77	0.00004
-92.63	-105.36	0.00004	-105.36	-92.63	0.00005

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00005	-108.19	-89.80	0.00005
-109.60	-88.39	0.00005	-111.02	-86.97	0.00005
-113.14	-84.85	0.00005	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00003
-162.63	-35.36	0.00003	-169.71	-28.28	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00004	-42.43	-169.71	0.00004
-49.50	-162.63	0.00004	-56.57	-155.56	0.00004
-63.64	-148.49	0.00004	-70.71	-141.42	0.00004
-77.78	-134.35	0.00004	-84.85	-127.28	0.00004
-88.39	-123.74	0.00004	-91.92	-120.21	0.00004
-94.05	-118.09	0.00004	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00004
-155.56	-56.57	0.00003	-162.63	-49.50	0.00003
-169.71	-42.43	0.00003	-176.78	-35.36	0.00003
-42.43	-183.85	0.00004	-49.50	-176.78	0.00004
-56.57	-169.71	0.00004	-63.64	-162.63	0.00004
-70.71	-155.56	0.00004	-77.78	-148.49	0.00004
-84.85	-141.42	0.00004	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00004
-127.28	-98.99	0.00004	-130.81	-95.46	0.00004
-134.35	-91.92	0.00004	-141.42	-84.85	0.00004

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-77.78	0.00004	-155.56	-70.71	0.00004
-162.63	-63.64	0.00003	-169.71	-56.57	0.00003
-176.78	-49.50	0.00003	-183.85	-42.43	0.00003
-49.50	-190.92	0.00004	-56.57	-183.85	0.00004
-63.64	-176.78	0.00004	-70.71	-169.71	0.00004
-77.78	-162.63	0.00004	-84.85	-155.56	0.00004
-91.92	-148.49	0.00004	-98.99	-141.42	0.00004
-102.53	-137.89	0.00004	-106.07	-134.35	0.00004
-108.19	-132.23	0.00004	-109.60	-130.81	0.00004
-111.02	-129.40	0.00004	-112.43	-127.99	0.00004
-113.84	-126.57	0.00004	-126.57	-113.84	0.00004
-127.99	-112.43	0.00004	-129.40	-111.02	0.00004
-130.81	-109.60	0.00004	-132.23	-108.19	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00004	-137.89	-102.53	0.00004
-141.42	-98.99	0.00004	-148.49	-91.92	0.00004
-155.56	-84.85	0.00004	-162.63	-77.78	0.00003
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00003	-63.64	-190.92	0.00003
-70.71	-183.85	0.00003	-77.78	-176.78	0.00003
-84.85	-169.71	0.00004	-91.92	-162.63	0.00004
-98.99	-155.56	0.00004	-106.07	-148.49	0.00004
-109.60	-144.96	0.00004	-113.14	-141.42	0.00004
-115.26	-139.30	0.00004	-116.67	-137.89	0.00004
-118.09	-136.47	0.00004	-119.50	-135.06	0.00004
-120.92	-133.64	0.00004	-133.64	-120.92	0.00004
-135.06	-119.50	0.00004	-136.47	-118.09	0.00004
-137.89	-116.67	0.00004	-139.30	-115.26	0.00004
-141.42	-113.14	0.00004	-144.96	-109.60	0.00004
-148.49	-106.07	0.00004	-155.56	-98.99	0.00004
-162.63	-91.92	0.00003	-169.71	-84.85	0.00003
-176.78	-77.78	0.00003	-183.85	-70.71	0.00003
-190.92	-63.64	0.00003	-197.99	-56.57	0.00002
-63.64	-205.06	0.00003	-70.71	-197.99	0.00003



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00003	-84.85	-183.85	0.00003
-91.92	-176.78	0.00003	-98.99	-169.71	0.00003
-106.07	-162.63	0.00003	-113.14	-155.56	0.00003
-116.67	-152.03	0.00003	-120.21	-148.49	0.00003
-122.33	-146.37	0.00003	-123.74	-144.96	0.00003
-125.16	-143.54	0.00003	-126.57	-142.13	0.00003
-127.99	-140.71	0.00003	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00003
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00002
-70.71	-212.13	0.00003	-77.78	-205.06	0.00003
-84.85	-197.99	0.00003	-91.92	-190.92	0.00003
-98.99	-183.85	0.00003	-106.07	-176.78	0.00003
-113.14	-169.71	0.00003	-120.21	-162.63	0.00003
-123.74	-159.10	0.00003	-127.28	-155.56	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 120  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00002	-212.13	-70.71	0.00002
-77.78	-219.20	0.00003	-84.85	-212.13	0.00003
-91.92	-205.06	0.00003	-98.99	-197.99	0.00003
-106.07	-190.92	0.00003	-113.14	-183.85	0.00003
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00002	-219.20	-77.78	0.00002
-84.85	-226.27	0.00003	-91.92	-219.20	0.00003
-98.99	-212.13	0.00003	-106.07	-205.06	0.00003
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00002
-219.20	-91.92	0.00002	-226.27	-84.85	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 121

CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :      NCRA\_S5 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00003	-180.31	-144.96	0.00003
-183.85	-141.42	0.00003	-190.92	-134.35	0.00003
-197.99	-127.28	0.00003	-205.06	-120.21	0.00003
-212.13	-113.14	0.00003	-219.20	-106.07	0.00002
-226.27	-98.99	0.00002	-233.35	-91.92	0.00002
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00003
-177.48	-161.93	0.00003	-178.90	-160.51	0.00003
-180.31	-159.10	0.00003	-181.73	-157.68	0.00003
-183.85	-155.56	0.00003	-187.38	-152.03	0.00003
-190.92	-148.49	0.00003	-197.99	-141.42	0.00003
-205.06	-134.35	0.00003	-212.13	-127.28	0.00003
-219.20	-120.21	0.00002	-226.27	-113.14	0.00002
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-184.55	-169.00	0.00003	-185.97	-167.58	0.00003
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00002



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00284	197.99	127.28	0.00304
190.92	134.35	0.00323	183.85	141.42	0.00332
180.31	144.96	0.00328	176.78	148.49	0.00314
174.66	150.61	0.00299	173.24	152.03	0.00285
171.83	153.44	0.00268	170.41	154.86	0.00247
169.00	156.27	0.00220	156.27	169.00	0.00089
154.86	170.41	0.00088	153.44	171.83	0.00086
152.03	173.24	0.00085	150.61	174.66	0.00084

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00081	144.96	180.31	0.00077
141.42	183.85	0.00073	134.35	190.92	0.00065
127.28	197.99	0.00058	120.21	205.06	0.00051
113.14	212.13	0.00046	106.07	219.20	0.00042
99.00	226.27	0.00038	91.92	233.35	0.00035
226.27	84.85	0.00237	219.20	91.92	0.00258
212.13	98.99	0.00282	205.06	106.07	0.00309
197.99	113.14	0.00341	190.92	120.21	0.00377
183.85	127.28	0.00415	176.78	134.35	0.00450
173.24	137.89	0.00464	169.71	141.42	0.00471
167.58	143.54	0.00471	166.17	144.96	0.00469
164.76	146.37	0.00465	163.34	147.79	0.00462
161.93	149.20	0.00457	149.20	161.93	0.00141
147.79	163.34	0.00135	146.37	164.76	0.00130
144.96	166.17	0.00125	143.54	167.58	0.00121
141.42	169.71	0.00115	137.89	173.24	0.00106
134.35	176.78	0.00097	127.28	183.85	0.00083
120.21	190.92	0.00072	113.14	197.99	0.00063
106.07	205.06	0.00055	99.00	212.13	0.00049
91.92	219.20	0.00044	84.85	226.27	0.00040
219.20	77.78	0.00260	212.13	84.85	0.00284
205.06	91.92	0.00312	197.99	98.99	0.00345
190.92	106.07	0.00383	183.85	113.14	0.00426
176.78	120.21	0.00471	169.71	127.28	0.00512
166.17	130.81	0.00526	162.63	134.35	0.00532
160.51	136.47	0.00529	159.10	137.89	0.00524

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00516	156.27	140.71	0.00508
154.86	142.13	0.00499	142.13	154.86	0.00166
140.71	156.27	0.00161	139.30	157.68	0.00156
137.89	159.10	0.00152	136.47	160.51	0.00148
134.35	162.63	0.00141	130.81	166.17	0.00130
127.28	169.71	0.00119	120.21	176.78	0.00100
113.14	183.85	0.00085	106.07	190.92	0.00073
99.00	197.99	0.00064	91.92	205.06	0.00056
84.85	212.13	0.00050	77.78	219.20	0.00045
212.13	70.71	0.00279	205.06	77.78	0.00305
197.99	84.85	0.00336	190.92	91.92	0.00372
183.85	98.99	0.00413	176.78	106.07	0.00459
169.71	113.14	0.00505	162.63	120.21	0.00544
159.10	123.74	0.00555	155.56	127.28	0.00558

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00553	152.03	130.81	0.00546
150.61	132.23	0.00537	149.20	133.64	0.00526
147.79	135.06	0.00516	135.06	147.79	0.00179
133.64	149.20	0.00174	132.23	150.61	0.00170
130.81	152.03	0.00166	129.40	153.44	0.00162
127.28	155.56	0.00156	123.74	159.10	0.00146
120.21	162.63	0.00135	113.14	169.71	0.00115
106.07	176.78	0.00097	98.99	183.85	0.00083
91.92	190.92	0.00072	84.85	197.99	0.00063
77.78	205.06	0.00056	70.71	212.13	0.00050
205.06	63.64	0.00294	197.99	70.71	0.00322
190.92	77.78	0.00355	183.85	84.85	0.00392
176.78	91.92	0.00435	169.71	98.99	0.00481
162.63	106.07	0.00526	155.56	113.14	0.00563
152.03	116.67	0.00573	148.49	120.21	0.00572
146.37	122.33	0.00566	144.96	123.74	0.00559
143.54	125.16	0.00551	142.13	126.57	0.00540
140.71	127.99	0.00529	127.99	140.71	0.00189
126.57	142.13	0.00183	125.16	143.54	0.00179
123.74	144.96	0.00176	122.33	146.37	0.00172

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00166	116.67	152.03	0.00156
113.14	155.56	0.00145	106.07	162.63	0.00125
98.99	169.71	0.00107	91.92	176.78	0.00092
84.85	183.85	0.00079	77.78	190.92	0.00069
70.71	197.99	0.00061	63.64	205.06	0.00054
197.99	56.57	0.00306	190.92	63.64	0.00335
183.85	70.71	0.00369	176.78	77.78	0.00407
169.71	84.85	0.00450	162.63	91.92	0.00495
155.56	98.99	0.00540	148.49	106.07	0.00576
144.96	109.60	0.00584	141.42	113.14	0.00583
139.30	115.26	0.00576	137.89	116.67	0.00570
136.47	118.09	0.00561	135.06	119.50	0.00550
133.64	120.92	0.00540	120.92	133.64	0.00197
119.50	135.06	0.00191	118.09	136.47	0.00187
116.67	137.89	0.00183	115.26	139.30	0.00179
113.14	141.42	0.00174	109.60	144.96	0.00164
106.07	148.49	0.00153	98.99	155.56	0.00133
91.92	162.63	0.00115	84.85	169.71	0.00099
77.78	176.78	0.00086	70.71	183.85	0.00075
63.64	190.92	0.00066	56.57	197.99	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00316	183.85	56.57	0.00346
176.78	63.64	0.00380	169.71	70.71	0.00418
162.63	77.78	0.00460	155.56	84.85	0.00506
148.49	91.92	0.00550	141.42	98.99	0.00584
137.89	102.53	0.00592	134.35	106.07	0.00591
132.23	108.19	0.00585	130.81	109.60	0.00578
129.40	111.02	0.00569	127.99	112.43	0.00559
126.57	113.84	0.00547	113.84	126.57	0.00205
112.43	127.99	0.00198	111.02	129.40	0.00193
109.60	130.81	0.00189	108.19	132.23	0.00185
106.07	134.35	0.00179	102.53	137.89	0.00170
98.99	141.42	0.00159	91.92	148.49	0.00138
84.85	155.56	0.00120	77.78	162.63	0.00104
70.71	169.71	0.00091	63.64	176.78	0.00079

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00070	49.50	190.92	0.00062
183.85	42.43	0.00324	176.78	49.50	0.00354
169.71	56.57	0.00388	162.63	63.64	0.00426
155.56	70.71	0.00469	148.49	77.78	0.00514
141.42	84.85	0.00557	134.35	91.92	0.00591
130.81	95.46	0.00599	127.28	98.99	0.00598
125.16	101.12	0.00592	123.74	102.53	0.00585
122.33	103.94	0.00576	120.92	105.36	0.00566
119.50	106.77	0.00555	106.77	119.50	0.00212
105.36	120.92	0.00205	103.94	122.33	0.00199
102.53	123.74	0.00195	101.12	125.16	0.00190
98.99	127.28	0.00184	95.46	130.81	0.00174
91.92	134.35	0.00164	84.85	141.42	0.00143
77.78	148.49	0.00124	70.71	155.56	0.00108
63.64	162.63	0.00095	56.57	169.71	0.00083
49.50	176.78	0.00074	42.43	183.85	0.00065
176.78	35.36	0.00330	169.71	42.43	0.00360
162.63	49.50	0.00394	155.56	56.57	0.00433
148.49	63.64	0.00475	141.42	70.71	0.00519
134.35	77.78	0.00562	127.28	84.85	0.00596
123.74	88.39	0.00605	120.21	91.92	0.00604
118.09	94.05	0.00598	116.67	95.46	0.00591
115.26	96.87	0.00582	113.84	98.29	0.00572
112.43	99.70	0.00560	99.70	112.43	0.00217
98.29	113.84	0.00210	96.87	115.26	0.00204
95.46	116.67	0.00199	94.05	118.09	0.00195

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00188	88.39	123.74	0.00178
84.85	127.28	0.00167	77.78	134.35	0.00147
70.71	141.42	0.00128	63.64	148.49	0.00112
56.57	155.56	0.00098	49.50	162.63	0.00086
42.43	169.71	0.00077	35.36	176.78	0.00068
169.71	28.28	0.00335	162.63	35.36	0.00365
155.56	42.43	0.00399	148.49	49.50	0.00438
141.42	56.57	0.00480	134.35	63.64	0.00524



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00566	120.21	77.78	0.00601
116.67	81.32	0.00610	113.14	84.85	0.00610
111.02	86.97	0.00604	109.60	88.39	0.00597
108.19	89.80	0.00588	106.77	91.22	0.00577
105.36	92.63	0.00565	92.63	105.36	0.00222
91.22	106.77	0.00215	89.80	108.19	0.00209
88.39	109.60	0.00203	86.97	111.02	0.00199
84.85	113.14	0.00192	81.32	116.67	0.00181
77.78	120.21	0.00170	70.71	127.28	0.00150
63.64	134.35	0.00131	56.57	141.42	0.00115
49.50	148.49	0.00101	42.43	155.56	0.00089
35.36	162.63	0.00079	28.28	169.71	0.00071
162.63	21.21	0.00339	155.56	28.28	0.00369
148.49	35.36	0.00404	141.42	42.43	0.00442
134.35	49.50	0.00483	127.28	56.57	0.00527
120.21	63.64	0.00570	113.14	70.71	0.00604
109.60	74.25	0.00614	106.07	77.78	0.00613
103.94	79.90	0.00607	102.53	81.32	0.00600
101.12	82.73	0.00591	99.70	84.15	0.00583
98.29	85.56	0.00572	85.56	98.29	0.00226
84.15	99.70	0.00218	82.73	101.12	0.00212
81.32	102.53	0.00207	79.90	103.94	0.00202
77.78	106.07	0.00195	74.25	109.60	0.00184
70.71	113.14	0.00173	63.64	120.21	0.00152
56.57	127.28	0.00134	49.50	134.35	0.00117
42.43	141.42	0.00103	35.36	148.49	0.00091
28.28	155.56	0.00081	21.21	162.63	0.00073
155.56	14.14	0.00343	148.49	21.21	0.00373
141.42	28.28	0.00407	134.35	35.36	0.00445
127.28	42.43	0.00486	120.21	49.50	0.00530
113.14	56.57	0.00574	106.07	63.64	0.00607
102.53	67.18	0.00617	98.99	70.71	0.00617

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00610	95.46	74.25	0.00603
94.05	75.66	0.00594	92.63	77.07	0.00585

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00575	78.49	91.22	0.00229
77.07	92.63	0.00222	75.66	94.05	0.00216
74.25	95.46	0.00210	72.83	96.87	0.00205
70.71	98.99	0.00198	67.18	102.53	0.00187
63.64	106.07	0.00175	56.57	113.14	0.00154
49.50	120.21	0.00136	42.43	127.28	0.00119
35.36	134.35	0.00105	28.28	141.42	0.00093
21.21	148.49	0.00083	14.14	155.56	0.00074
148.49	7.07	0.00346	141.42	14.14	0.00376
134.35	21.21	0.00410	127.28	28.28	0.00447
120.21	35.36	0.00489	113.14	42.43	0.00533
106.07	49.50	0.00576	98.99	56.57	0.00611
95.46	60.10	0.00619	91.92	63.64	0.00619
89.80	65.76	0.00614	88.39	67.18	0.00607
86.97	68.59	0.00597	85.56	70.00	0.00587
84.15	71.42	0.00577	71.42	84.15	0.00232
70.00	85.56	0.00224	68.59	86.97	0.00218
67.18	88.39	0.00213	65.76	89.80	0.00208
63.64	91.92	0.00201	60.10	95.46	0.00189
56.57	98.99	0.00177	49.50	106.07	0.00156
42.43	113.14	0.00137	35.36	120.21	0.00121
28.28	127.28	0.00107	21.21	134.35	0.00095
14.14	141.42	0.00084	7.07	148.49	0.00076
141.42	0.00	0.00348	134.35	7.07	0.00378
127.28	14.14	0.00412	120.21	21.21	0.00449
113.14	28.28	0.00491	106.07	35.36	0.00535
98.99	42.43	0.00579	91.92	49.50	0.00613
88.39	53.03	0.00622	84.85	56.57	0.00621
82.73	58.69	0.00615	81.32	60.10	0.00609
79.90	61.52	0.00600	78.49	62.93	0.00590
77.07	64.35	0.00579	64.35	77.07	0.00234
62.93	78.49	0.00227	61.52	79.90	0.00221
60.10	81.32	0.00215	58.69	82.73	0.00210
56.57	84.85	0.00203	53.03	88.39	0.00191
49.50	91.92	0.00179	42.43	98.99	0.00158
35.36	106.07	0.00139	28.28	113.14	0.00122
21.21	120.21	0.00108	14.14	127.28	0.00096
7.07	134.35	0.00086	0.00	141.42	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:41:32  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00350	127.28	0.00	0.00380
120.21	7.07	0.00413	113.14	14.14	0.00451
106.07	21.21	0.00493	98.99	28.28	0.00537
91.92	35.36	0.00581	84.85	42.43	0.00615
81.32	45.96	0.00624	77.78	49.50	0.00624
75.66	51.62	0.00617	74.25	53.03	0.00611
72.83	54.45	0.00602	71.42	55.86	0.00592
70.00	57.28	0.00581	57.28	70.00	0.00237
55.86	71.42	0.00229	54.45	72.83	0.00223
53.03	74.25	0.00217	51.62	75.66	0.00212
49.50	77.78	0.00205	45.96	81.32	0.00193
42.43	84.85	0.00181	35.36	91.92	0.00159
28.28	98.99	0.00140	21.21	106.07	0.00124
14.14	113.14	0.00110	7.07	120.21	0.00097
0.00	127.28	0.00087	-7.07	134.35	0.00078
127.28	-14.14	0.00351	120.21	-7.07	0.00381
113.14	0.00	0.00415	106.07	7.07	0.00453
98.99	14.14	0.00494	91.92	21.21	0.00539
84.85	28.28	0.00583	77.78	35.36	0.00617
74.25	38.89	0.00626	70.71	42.43	0.00626
68.59	44.55	0.00619	67.18	45.96	0.00612
65.76	47.38	0.00604	64.35	48.79	0.00593
62.93	50.20	0.00582	50.20	62.93	0.00239
48.79	64.35	0.00231	47.38	65.76	0.00225
45.96	67.18	0.00219	44.55	68.59	0.00214
42.43	70.71	0.00206	38.89	74.25	0.00194
35.36	77.78	0.00182	28.28	84.85	0.00160
21.21	91.92	0.00141	14.14	98.99	0.00125
7.07	106.07	0.00111	0.00	113.14	0.00098
-7.07	120.21	0.00088	-14.14	127.28	0.00079
120.21	-21.21	0.00353	113.14	-14.14	0.00382
106.07	-7.07	0.00416	98.99	0.00	0.00454
91.92	7.07	0.00496	84.85	14.14	0.00540
77.78	21.21	0.00584	70.71	28.28	0.00619
67.18	31.82	0.00628	63.64	35.36	0.00627
61.52	37.48	0.00621	60.10	38.89	0.00614
58.69	40.31	0.00605	57.28	41.72	0.00595
55.86	43.13	0.00584	43.13	55.86	0.00240
41.72	57.28	0.00233	40.31	58.69	0.00227
38.89	60.10	0.00221	37.48	61.52	0.00216

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00208	31.82	67.18	0.00196
28.28	70.71	0.00184	21.21	77.78	0.00161
14.14	84.85	0.00142	7.07	91.92	0.00125
0.00	98.99	0.00111	-7.07	106.07	0.00099
-14.14	113.14	0.00089	-21.21	120.21	0.00080
113.14	-28.28	0.00354	106.07	-21.21	0.00384
98.99	-14.14	0.00417	91.92	-7.07	0.00455
84.85	0.00	0.00497	77.78	7.07	0.00542
70.71	14.14	0.00585	63.64	21.21	0.00620
60.10	24.75	0.00629	56.57	28.28	0.00629
54.45	30.41	0.00623	53.03	31.82	0.00616
51.62	33.23	0.00607	50.20	34.65	0.00596
48.79	36.06	0.00585	36.06	48.79	0.00242
34.65	50.20	0.00234	33.23	51.62	0.00228
31.82	53.03	0.00222	30.41	54.45	0.00217
28.28	56.57	0.00209	24.75	60.10	0.00197
21.21	63.64	0.00185	14.14	70.71	0.00162
7.07	77.78	0.00143	0.00	84.85	0.00126
-7.07	91.92	0.00112	-14.14	98.99	0.00100
-21.21	106.07	0.00090	-28.28	113.14	0.00081
106.07	-35.36	0.00355	98.99	-28.28	0.00384
91.92	-21.21	0.00418	84.85	-14.14	0.00456
77.78	-7.07	0.00498	70.71	0.00	0.00543
63.64	7.07	0.00586	56.57	14.14	0.00621
53.03	17.68	0.00630	49.50	21.21	0.00630
47.38	23.33	0.00625	45.96	24.75	0.00618
44.55	26.16	0.00609	43.13	27.58	0.00598
41.72	28.99	0.00586	28.99	41.72	0.00243
27.58	43.13	0.00236	26.16	44.55	0.00229
24.75	45.96	0.00224	23.33	47.38	0.00218
21.21	49.50	0.00211	17.68	53.03	0.00198
14.14	56.57	0.00186	7.07	63.64	0.00163
0.00	70.71	0.00144	-7.07	77.78	0.00127
-14.14	84.85	0.00113	-21.21	91.92	0.00101

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00090	-35.36	106.07	0.00081
98.99	-42.43	0.00355	91.92	-35.36	0.00385
84.85	-28.28	0.00419	77.78	-21.21	0.00457
70.71	-14.14	0.00499	63.64	-7.07	0.00544
56.57	0.00	0.00587	49.50	7.07	0.00622
45.96	10.61	0.00632	42.43	14.14	0.00631

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00625	38.89	17.68	0.00618
37.48	19.09	0.00609	36.06	20.51	0.00601
34.65	21.92	0.00591	21.92	34.65	0.00244
20.51	36.06	0.00237	19.09	37.48	0.00230
17.68	38.89	0.00225	16.26	40.31	0.00219
14.14	42.43	0.00212	10.61	45.96	0.00199
7.07	49.50	0.00187	0.00	56.57	0.00164
-7.07	63.64	0.00144	-14.14	70.71	0.00127
-21.21	77.78	0.00113	-28.28	84.85	0.00101
-35.36	91.92	0.00091	-42.43	98.99	0.00082
91.92	-49.50	0.00356	84.85	-42.43	0.00386
77.78	-35.36	0.00420	70.71	-28.28	0.00458
63.64	-21.21	0.00500	56.57	-14.14	0.00545
49.50	-7.07	0.00588	42.43	0.00	0.00622
38.89	3.54	0.00632	35.36	7.07	0.00632
33.23	9.19	0.00626	31.82	10.61	0.00619
30.41	12.02	0.00610	28.99	13.44	0.00600
27.58	14.85	0.00591	14.85	27.58	0.00245
13.44	28.99	0.00237	12.02	30.41	0.00231
10.61	31.82	0.00226	9.19	33.23	0.00220
7.07	35.36	0.00213	3.54	38.89	0.00200
0.00	42.43	0.00188	-7.07	49.50	0.00165
-14.14	56.57	0.00145	-21.21	63.64	0.00128
-28.28	70.71	0.00114	-35.36	77.78	0.00102
-42.43	84.85	0.00091	-49.50	91.92	0.00082
84.85	-56.57	0.00356	77.78	-49.50	0.00386
70.71	-42.43	0.00420	63.64	-35.36	0.00458
56.57	-28.28	0.00500	49.50	-21.21	0.00545

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00589	35.36	-7.07	0.00624
31.82	-3.54	0.00632	28.28	0.00	0.00632
26.16	2.12	0.00627	24.75	3.54	0.00620
23.33	4.95	0.00611	21.92	6.36	0.00600
20.51	7.78	0.00591	7.78	20.51	0.00246
6.36	21.92	0.00238	4.95	23.33	0.00232
3.54	24.75	0.00226	2.12	26.16	0.00221
0.00	28.28	0.00213	-3.54	31.82	0.00201
-7.07	35.36	0.00188	-14.14	42.43	0.00165
-21.21	49.50	0.00145	-28.28	56.57	0.00128
-35.36	63.64	0.00114	-42.43	70.71	0.00102
-49.50	77.78	0.00092	-56.57	84.85	0.00083

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00356	70.71	-56.57	0.00386
63.64	-49.50	0.00421	56.57	-42.43	0.00459
49.50	-35.36	0.00501	42.43	-28.28	0.00546
35.36	-21.21	0.00590	28.28	-14.14	0.00624
24.75	-10.61	0.00633	21.21	-7.07	0.00633
19.09	-4.95	0.00627	17.68	-3.54	0.00621
16.26	-2.12	0.00612	14.85	-0.71	0.00601
13.44	0.71	0.00591	0.71	13.44	0.00246
-0.71	14.85	0.00239	-2.12	16.26	0.00233
-3.54	17.68	0.00227	-4.95	19.09	0.00222
-7.07	21.21	0.00214	-10.61	24.75	0.00201
-14.14	28.28	0.00189	-21.21	35.36	0.00166
-28.28	42.43	0.00146	-35.36	49.50	0.00129
-42.43	56.57	0.00114	-49.50	63.64	0.00102
-56.57	70.71	0.00092	-63.64	77.78	0.00083
70.71	-70.71	0.00356	63.64	-63.64	0.00387
56.57	-56.57	0.00421	49.50	-49.50	0.00459
42.43	-42.43	0.00501	35.36	-35.36	0.00546
28.28	-28.28	0.00590	21.21	-21.21	0.00625
17.68	-17.68	0.00634	14.14	-14.14	0.00633
12.02	-12.02	0.00627	10.61	-10.61	0.00621
9.19	-9.19	0.00612	7.78	-7.78	0.00602

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00591	-6.36	6.36	0.00247
-7.78	7.78	0.00239	-9.19	9.19	0.00233
-10.61	10.61	0.00228	-12.02	12.02	0.00222
-14.14	14.14	0.00215	-17.68	17.68	0.00202
-21.21	21.21	0.00190	-28.28	28.28	0.00166
-35.36	35.36	0.00146	-42.43	42.43	0.00129
-49.50	49.50	0.00114	-56.57	56.57	0.00102
-63.64	63.64	0.00092	-70.71	70.71	0.00083
63.64	-77.78	0.00356	56.57	-70.71	0.00387
49.50	-63.64	0.00421	42.43	-56.57	0.00459
35.36	-49.50	0.00502	28.28	-42.43	0.00547
21.21	-35.36	0.00590	14.14	-28.28	0.00625
10.61	-24.75	0.00634	7.07	-21.21	0.00634
4.95	-19.09	0.00628	3.54	-17.68	0.00621
2.12	-16.26	0.00612	0.71	-14.85	0.00602
-0.71	-13.44	0.00591	-13.44	-0.71	0.00248
-14.85	0.71	0.00240	-16.26	2.12	0.00234
-17.68	3.54	0.00228	-19.09	4.95	0.00223

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00215	-24.75	10.61	0.00202
-28.28	14.14	0.00190	-35.36	21.21	0.00167
-42.43	28.28	0.00146	-49.50	35.36	0.00129
-56.57	42.43	0.00115	-63.64	49.50	0.00102
-70.71	56.57	0.00092	-77.78	63.64	0.00083
56.57	-84.85	0.00356	49.50	-77.78	0.00387
42.43	-70.71	0.00421	35.36	-63.64	0.00459
28.28	-56.57	0.00502	21.21	-49.50	0.00547
14.14	-42.43	0.00591	7.07	-35.36	0.00625
3.54	-31.82	0.00635	0.00	-28.28	0.00634
-2.12	-26.16	0.00628	-3.54	-24.75	0.00622
-4.95	-23.33	0.00613	-6.36	-21.92	0.00602
-7.78	-20.51	0.00591	-20.51	-7.78	0.00248
-21.92	-6.36	0.00240	-23.33	-4.95	0.00234
-24.75	-3.54	0.00229	-26.16	-2.12	0.00223
-28.28	0.00	0.00215	-31.82	3.54	0.00203

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00190	-42.43	14.14	0.00167
-49.50	21.21	0.00147	-56.57	28.28	0.00129
-63.64	35.36	0.00115	-70.71	42.43	0.00102
-77.78	49.50	0.00092	-84.85	56.57	0.00084
49.50	-91.92	0.00356	42.43	-84.85	0.00386
35.36	-77.78	0.00421	28.28	-70.71	0.00459
21.21	-63.64	0.00502	14.14	-56.57	0.00547
7.07	-49.50	0.00591	0.00	-42.43	0.00626
-3.54	-38.89	0.00635	-7.07	-35.36	0.00635
-9.19	-33.23	0.00629	-10.61	-31.82	0.00622
-12.02	-30.41	0.00613	-13.44	-28.99	0.00602
-14.85	-27.58	0.00591	-27.58	-14.85	0.00248
-28.99	-13.44	0.00241	-30.41	-12.02	0.00234
-31.82	-10.61	0.00229	-33.23	-9.19	0.00224
-35.36	-7.07	0.00216	-38.89	-3.54	0.00203
-42.43	0.00	0.00191	-49.50	7.07	0.00167
-56.57	14.14	0.00147	-63.64	21.21	0.00129
-70.71	28.28	0.00115	-77.78	35.36	0.00103
-84.85	42.43	0.00092	-91.92	49.50	0.00084
42.43	-98.99	0.00355	35.36	-91.92	0.00386
28.28	-84.85	0.00420	21.21	-77.78	0.00459
14.14	-70.71	0.00501	7.07	-63.64	0.00547
0.00	-56.57	0.00590	-7.07	-49.50	0.00626
-10.61	-45.96	0.00635	-14.14	-42.43	0.00635

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00629	-17.68	-38.89	0.00623
-19.09	-37.48	0.00614	-20.51	-36.06	0.00603
-21.92	-34.65	0.00592	-34.65	-21.92	0.00249
-36.06	-20.51	0.00241	-37.48	-19.09	0.00234
-38.89	-17.68	0.00229	-40.31	-16.26	0.00224
-42.43	-14.14	0.00216	-45.96	-10.61	0.00203
-49.50	-7.07	0.00191	-56.57	0.00	0.00167
-63.64	7.07	0.00147	-70.71	14.14	0.00129
-77.78	21.21	0.00115	-84.85	28.28	0.00102
-91.92	35.36	0.00092	-98.99	42.43	0.00084



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00355	28.28	-98.99	0.00385
21.21	-91.92	0.00420	14.14	-84.85	0.00459
7.07	-77.78	0.00501	0.00	-70.71	0.00546
-7.07	-63.64	0.00590	-14.14	-56.57	0.00625
-17.68	-53.03	0.00635	-21.21	-49.50	0.00635
-23.33	-47.38	0.00628	-24.75	-45.96	0.00621
-26.16	-44.55	0.00613	-27.58	-43.13	0.00605
-28.99	-41.72	0.00595	-41.72	-28.99	0.00249
-43.13	-27.58	0.00241	-44.55	-26.16	0.00235
-45.96	-24.75	0.00229	-47.38	-23.33	0.00224
-49.50	-21.21	0.00216	-53.03	-17.68	0.00203
-56.57	-14.14	0.00191	-63.64	-7.07	0.00167
-70.71	0.00	0.00147	-77.78	7.07	0.00129
-84.85	14.14	0.00115	-91.92	21.21	0.00102
-98.99	28.28	0.00092	-106.07	35.36	0.00083
28.28	-113.14	0.00354	21.21	-106.07	0.00384
14.14	-98.99	0.00419	7.07	-91.92	0.00458
0.00	-84.85	0.00501	-7.07	-77.78	0.00546
-14.14	-70.71	0.00590	-21.21	-63.64	0.00625
-24.75	-60.10	0.00634	-28.28	-56.57	0.00635
-30.41	-54.45	0.00629	-31.82	-53.03	0.00622
-33.23	-51.62	0.00613	-34.65	-50.20	0.00603
-36.06	-48.79	0.00594	-48.79	-36.06	0.00248
-50.20	-34.65	0.00241	-51.62	-33.23	0.00235
-53.03	-31.82	0.00229	-54.45	-30.41	0.00224
-56.57	-28.28	0.00216	-60.10	-24.75	0.00203
-63.64	-21.21	0.00190	-70.71	-14.14	0.00167
-77.78	-7.07	0.00147	-84.85	0.00	0.00129
-91.92	7.07	0.00114	-98.99	14.14	0.00102
-106.07	21.21	0.00092	-113.14	28.28	0.00083

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:41:32  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00352	14.14	-113.14	0.00383
7.07	-106.07	0.00418	0.00	-98.99	0.00457
-7.07	-91.92	0.00500	-14.14	-84.85	0.00545
-21.21	-77.78	0.00590	-28.28	-70.71	0.00625

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00634	-35.36	-63.64	0.00634
-37.48	-61.52	0.00629	-38.89	-60.10	0.00622
-40.31	-58.69	0.00613	-41.72	-57.28	0.00602
-43.13	-55.86	0.00593	-55.86	-43.13	0.00248
-57.28	-41.72	0.00240	-58.69	-40.31	0.00234
-60.10	-38.89	0.00229	-61.52	-37.48	0.00223
-63.64	-35.36	0.00216	-67.18	-31.82	0.00203
-70.71	-28.28	0.00190	-77.78	-21.21	0.00167
-84.85	-14.14	0.00146	-91.92	-7.07	0.00129
-98.99	0.00	0.00114	-106.07	7.07	0.00102
-113.14	14.14	0.00092	-120.21	21.21	0.00083
14.14	-127.28	0.00351	7.07	-120.21	0.00382
0.00	-113.14	0.00417	-7.07	-106.07	0.00456
-14.14	-98.99	0.00499	-21.21	-91.92	0.00545
-28.28	-84.85	0.00589	-35.36	-77.78	0.00624
-38.89	-74.25	0.00633	-42.43	-70.71	0.00633
-44.55	-68.59	0.00628	-45.96	-67.18	0.00621
-47.38	-65.76	0.00613	-48.79	-64.35	0.00602
-50.20	-62.93	0.00592	-62.93	-50.20	0.00248
-64.35	-48.79	0.00240	-65.76	-47.38	0.00234
-67.18	-45.96	0.00228	-68.59	-44.55	0.00223
-70.71	-42.43	0.00215	-74.25	-38.89	0.00203
-77.78	-35.36	0.00190	-84.85	-28.28	0.00167
-91.92	-21.21	0.00146	-98.99	-14.14	0.00128
-106.07	-7.07	0.00114	-113.14	0.00	0.00102
-120.21	7.07	0.00092	-127.28	14.14	0.00083
7.07	-134.35	0.00349	0.00	-127.28	0.00380
-7.07	-120.21	0.00415	-14.14	-113.14	0.00454
-21.21	-106.07	0.00498	-28.28	-98.99	0.00543
-35.36	-91.92	0.00588	-42.43	-84.85	0.00623
-45.96	-81.32	0.00633	-49.50	-77.78	0.00633
-51.62	-75.66	0.00627	-53.03	-74.25	0.00620
-54.45	-72.83	0.00612	-55.86	-71.42	0.00601
-57.28	-70.00	0.00591	-70.00	-57.28	0.00247
-71.42	-55.86	0.00240	-72.83	-54.45	0.00234
-74.25	-53.03	0.00228	-75.66	-51.62	0.00223

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00215	-81.32	-45.96	0.00202
-84.85	-42.43	0.00190	-91.92	-35.36	0.00166
-98.99	-28.28	0.00145	-106.07	-21.21	0.00128
-113.14	-14.14	0.00114	-120.21	-7.07	0.00101
-127.28	0.00	0.00091	-134.35	7.07	0.00083
0.00	-141.42	0.00346	-7.07	-134.35	0.00377
-14.14	-127.28	0.00413	-21.21	-120.21	0.00452
-28.28	-113.14	0.00496	-35.36	-106.07	0.00542
-42.43	-98.99	0.00587	-49.50	-91.92	0.00622
-53.03	-88.39	0.00632	-56.57	-84.85	0.00632
-58.69	-82.73	0.00626	-60.10	-81.32	0.00619
-61.52	-79.90	0.00611	-62.93	-78.49	0.00601
-64.35	-77.07	0.00589	-77.07	-64.35	0.00247
-78.49	-62.93	0.00239	-79.90	-61.52	0.00233
-81.32	-60.10	0.00227	-82.73	-58.69	0.00222
-84.85	-56.57	0.00214	-88.39	-53.03	0.00201
-91.92	-49.50	0.00189	-98.99	-42.43	0.00165
-106.07	-35.36	0.00145	-113.14	-28.28	0.00127
-120.21	-21.21	0.00113	-127.28	-14.14	0.00101
-134.35	-7.07	0.00091	-141.42	0.00	0.00082
-7.07	-148.49	0.00343	-14.14	-141.42	0.00374
-21.21	-134.35	0.00410	-28.28	-127.28	0.00449
-35.36	-120.21	0.00493	-42.43	-113.14	0.00540
-49.50	-106.07	0.00585	-56.57	-98.99	0.00621
-60.10	-95.46	0.00631	-63.64	-91.92	0.00631
-65.76	-89.80	0.00625	-67.18	-88.39	0.00618
-68.59	-86.97	0.00610	-70.00	-85.56	0.00599
-71.42	-84.15	0.00589	-84.15	-71.42	0.00246
-85.56	-70.00	0.00238	-86.97	-68.59	0.00232
-88.39	-67.18	0.00227	-89.80	-65.76	0.00221
-91.92	-63.64	0.00213	-95.46	-60.10	0.00201
-98.99	-56.57	0.00188	-106.07	-49.50	0.00164
-113.14	-42.43	0.00144	-120.21	-35.36	0.00127
-127.28	-28.28	0.00112	-134.35	-21.21	0.00101
-141.42	-14.14	0.00090	-148.49	-7.07	0.00082
-14.14	-155.56	0.00338	-21.21	-148.49	0.00370
-28.28	-141.42	0.00406	-35.36	-134.35	0.00446
-42.43	-127.28	0.00490	-49.50	-120.21	0.00537
-56.57	-113.14	0.00583	-63.64	-106.07	0.00619
-67.18	-102.53	0.00629	-70.71	-98.99	0.00630

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:41:32  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00624	-74.25	-95.46	0.00617
-75.66	-94.05	0.00608	-77.07	-92.63	0.00598
-78.49	-91.22	0.00587	-91.22	-78.49	0.00245
-92.63	-77.07	0.00237	-94.05	-75.66	0.00231
-95.46	-74.25	0.00226	-96.87	-72.83	0.00220
-98.99	-70.71	0.00212	-102.53	-67.18	0.00199
-106.07	-63.64	0.00187	-113.14	-56.57	0.00163
-120.21	-49.50	0.00143	-127.28	-42.43	0.00126
-134.35	-35.36	0.00112	-141.42	-28.28	0.00100
-148.49	-21.21	0.00090	-155.56	-14.14	0.00082
-21.21	-162.63	0.00333	-28.28	-155.56	0.00365
-35.36	-148.49	0.00401	-42.43	-141.42	0.00442
-49.50	-134.35	0.00486	-56.57	-127.28	0.00534
-63.64	-120.21	0.00580	-70.71	-113.14	0.00617
-74.25	-109.60	0.00627	-77.78	-106.07	0.00628
-79.90	-103.94	0.00623	-81.32	-102.53	0.00616
-82.73	-101.12	0.00608	-84.15	-99.70	0.00597
-85.56	-98.29	0.00586	-98.29	-85.56	0.00244
-99.70	-84.15	0.00236	-101.12	-82.73	0.00230
-102.53	-81.32	0.00224	-103.94	-79.90	0.00219
-106.07	-77.78	0.00211	-109.60	-74.25	0.00198
-113.14	-70.71	0.00185	-120.21	-63.64	0.00162
-127.28	-56.57	0.00142	-134.35	-49.50	0.00125
-141.42	-42.43	0.00111	-148.49	-35.36	0.00099
-155.56	-28.28	0.00089	-162.63	-21.21	0.00081
-28.28	-169.71	0.00326	-35.36	-162.63	0.00358
-42.43	-155.56	0.00395	-49.50	-148.49	0.00436
-56.57	-141.42	0.00481	-63.64	-134.35	0.00529
-70.71	-127.28	0.00576	-77.78	-120.21	0.00614
-81.32	-116.67	0.00625	-84.85	-113.14	0.00625
-86.97	-111.02	0.00619	-88.39	-109.60	0.00613
-89.80	-108.19	0.00604	-91.22	-106.77	0.00597
-92.63	-105.36	0.00587	-105.36	-92.63	0.00242
-106.77	-91.22	0.00234	-108.19	-89.80	0.00228
-109.60	-88.39	0.00222	-111.02	-86.97	0.00217
-113.14	-84.85	0.00209	-116.67	-81.32	0.00196

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00184	-127.28	-70.71	0.00161
-134.35	-63.64	0.00141	-141.42	-56.57	0.00124
-148.49	-49.50	0.00110	-155.56	-42.43	0.00098
-162.63	-35.36	0.00089	-169.71	-28.28	0.00080

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00316	-42.43	-169.71	0.00349
-49.50	-162.63	0.00387	-56.57	-155.56	0.00428
-63.64	-148.49	0.00474	-70.71	-141.42	0.00523
-77.78	-134.35	0.00571	-84.85	-127.28	0.00609
-88.39	-123.74	0.00620	-91.92	-120.21	0.00622
-94.05	-118.09	0.00616	-95.46	-116.67	0.00610
-96.87	-115.26	0.00601	-98.29	-113.84	0.00592
-99.70	-112.43	0.00583	-112.43	-99.70	0.00239
-113.84	-98.29	0.00232	-115.26	-96.87	0.00226
-116.67	-95.46	0.00220	-118.09	-94.05	0.00215
-120.21	-91.92	0.00207	-123.74	-88.39	0.00194
-127.28	-84.85	0.00181	-134.35	-77.78	0.00159
-141.42	-70.71	0.00139	-148.49	-63.64	0.00123
-155.56	-56.57	0.00109	-162.63	-49.50	0.00097
-169.71	-42.43	0.00088	-176.78	-35.36	0.00079
-42.43	-183.85	0.00305	-49.50	-176.78	0.00337
-56.57	-169.71	0.00375	-63.64	-162.63	0.00417
-70.71	-155.56	0.00464	-77.78	-148.49	0.00514
-84.85	-141.42	0.00563	-91.92	-134.35	0.00603
-95.46	-130.81	0.00614	-98.99	-127.28	0.00617
-101.12	-125.16	0.00612	-102.53	-123.74	0.00606
-103.94	-122.33	0.00598	-105.36	-120.92	0.00588
-106.77	-119.50	0.00579	-119.50	-106.77	0.00237
-120.92	-105.36	0.00229	-122.33	-103.94	0.00223
-123.74	-102.53	0.00217	-125.16	-101.12	0.00212
-127.28	-98.99	0.00204	-130.81	-95.46	0.00191
-134.35	-91.92	0.00179	-141.42	-84.85	0.00157
-148.49	-77.78	0.00138	-155.56	-70.71	0.00121
-162.63	-63.64	0.00108	-169.71	-56.57	0.00096
-176.78	-49.50	0.00086	-183.85	-42.43	0.00078

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00290	-56.57	-183.85	0.00322
-63.64	-176.78	0.00359	-70.71	-169.71	0.00402
-77.78	-162.63	0.00450	-84.85	-155.56	0.00502
-91.92	-148.49	0.00553	-98.99	-141.42	0.00595
-102.53	-137.89	0.00607	-106.07	-134.35	0.00610
-108.19	-132.23	0.00606	-109.60	-130.81	0.00600
-111.02	-129.40	0.00593	-112.43	-127.99	0.00583
-113.84	-126.57	0.00574	-126.57	-113.84	0.00233
-127.99	-112.43	0.00225	-129.40	-111.02	0.00219
-130.81	-109.60	0.00213	-132.23	-108.19	0.00208

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00200	-137.89	-102.53	0.00188
-141.42	-98.99	0.00176	-148.49	-91.92	0.00154
-155.56	-84.85	0.00136	-162.63	-77.78	0.00120
-169.71	-70.71	0.00106	-176.78	-63.64	0.00094
-183.85	-56.57	0.00085	-190.92	-49.50	0.00076
-56.57	-197.99	0.00272	-63.64	-190.92	0.00303
-70.71	-183.85	0.00339	-77.78	-176.78	0.00381
-84.85	-169.71	0.00429	-91.92	-162.63	0.00482
-98.99	-155.56	0.00536	-106.07	-148.49	0.00581
-109.60	-144.96	0.00595	-113.14	-141.42	0.00600
-115.26	-139.30	0.00596	-116.67	-137.89	0.00592
-118.09	-136.47	0.00584	-119.50	-135.06	0.00576
-120.92	-133.64	0.00566	-133.64	-120.92	0.00228
-135.06	-119.50	0.00220	-136.47	-118.09	0.00214
-137.89	-116.67	0.00208	-139.30	-115.26	0.00203
-141.42	-113.14	0.00195	-144.96	-109.60	0.00184
-148.49	-106.07	0.00172	-155.56	-98.99	0.00151
-162.63	-91.92	0.00133	-169.71	-84.85	0.00117
-176.78	-77.78	0.00103	-183.85	-70.71	0.00092
-190.92	-63.64	0.00083	-197.99	-56.57	0.00074
-63.64	-205.06	0.00250	-70.71	-197.99	0.00279
-77.78	-190.92	0.00313	-84.85	-183.85	0.00352
-91.92	-176.78	0.00399	-98.99	-169.71	0.00452
-106.07	-162.63	0.00508	-113.14	-155.56	0.00559

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00576	-120.21	-148.49	0.00584
-122.33	-146.37	0.00582	-123.74	-144.96	0.00578
-125.16	-143.54	0.00572	-126.57	-142.13	0.00564
-127.99	-140.71	0.00555	-140.71	-127.99	0.00221
-142.13	-126.57	0.00213	-143.54	-125.16	0.00207
-144.96	-123.74	0.00201	-146.37	-122.33	0.00196
-148.49	-120.21	0.00189	-152.03	-116.67	0.00178
-155.56	-113.14	0.00168	-162.63	-106.07	0.00147
-169.71	-98.99	0.00129	-176.78	-91.92	0.00113
-183.85	-84.85	0.00100	-190.92	-77.78	0.00089
-197.99	-70.71	0.00080	-205.06	-63.64	0.00072
-70.71	-212.13	0.00223	-77.78	-205.06	0.00248
-84.85	-197.99	0.00278	-91.92	-190.92	0.00314
-98.99	-183.85	0.00357	-106.07	-176.78	0.00406
-113.14	-169.71	0.00461	-120.21	-162.63	0.00517
-123.74	-159.10	0.00539	-127.28	-155.56	0.00553

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00555	-130.81	-152.03	0.00554
-132.23	-150.61	0.00550	-133.64	-149.20	0.00544
-135.06	-147.79	0.00538	-147.79	-135.06	0.00210
-149.20	-133.64	0.00203	-150.61	-132.23	0.00198
-152.03	-130.81	0.00193	-153.44	-129.40	0.00188
-155.56	-127.28	0.00182	-159.10	-123.74	0.00172
-162.63	-120.21	0.00161	-169.71	-113.14	0.00141
-176.78	-106.07	0.00124	-183.85	-98.99	0.00108
-190.92	-91.92	0.00096	-197.99	-84.85	0.00085
-205.06	-77.78	0.00076	-212.13	-70.71	0.00069
-77.78	-219.20	0.00194	-84.85	-212.13	0.00214
-91.92	-205.06	0.00237	-98.99	-197.99	0.00266
-106.07	-190.92	0.00300	-113.14	-183.85	0.00340
-120.21	-176.78	0.00387	-127.28	-169.71	0.00438
-130.81	-166.17	0.00463	-134.35	-162.63	0.00485
-136.47	-160.51	0.00495	-137.89	-159.10	0.00499
-139.30	-157.68	0.00502	-140.71	-156.27	0.00502
-142.13	-154.86	0.00501	-154.86	-142.13	0.00196

11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00190	-157.68	-139.30	0.00185
-159.10	-137.89	0.00181	-160.51	-136.47	0.00177
-162.63	-134.35	0.00171	-166.17	-130.81	0.00161
-169.71	-127.28	0.00151	-176.78	-120.21	0.00132
-183.85	-113.14	0.00115	-190.92	-106.07	0.00101
-197.99	-98.99	0.00089	-205.06	-91.92	0.00080
-212.13	-84.85	0.00072	-219.20	-77.78	0.00065
-84.85	-226.27	0.00164	-91.92	-219.20	0.00178
-98.99	-212.13	0.00194	-106.07	-205.06	0.00213
-113.14	-197.99	0.00234	-120.21	-190.92	0.00258
-127.28	-183.85	0.00283	-134.35	-176.78	0.00309
-137.89	-173.24	0.00322	-141.42	-169.71	0.00336
-143.54	-167.58	0.00345	-144.96	-166.17	0.00352
-146.37	-164.76	0.00361	-147.79	-163.34	0.00372
-149.20	-161.93	0.00386	-161.93	-149.20	0.00174
-163.34	-147.79	0.00168	-164.76	-146.37	0.00162
-166.17	-144.96	0.00158	-167.58	-143.54	0.00154
-169.71	-141.42	0.00149	-173.24	-137.89	0.00140
-176.78	-134.35	0.00132	-183.85	-127.28	0.00117
-190.92	-120.21	0.00103	-197.99	-113.14	0.00092
-205.06	-106.07	0.00082	-212.13	-98.99	0.00073
-219.20	-91.92	0.00066	-226.27	-84.85	0.00060

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:41:32      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00137	-98.99	-226.27	0.00146
-106.07	-219.20	0.00156	-113.14	-212.13	0.00167
-120.21	-205.06	0.00177	-127.28	-197.99	0.00186
-134.35	-190.92	0.00192	-141.42	-183.85	0.00191
-144.96	-180.31	0.00186	-148.49	-176.78	0.00178
-150.61	-174.66	0.00172	-152.03	-173.24	0.00168
-153.44	-171.83	0.00163	-154.86	-170.41	0.00158
-156.27	-169.00	0.00152	-169.00	-156.27	0.00122
-170.41	-154.86	0.00121	-171.83	-153.44	0.00119
-173.24	-152.03	0.00118	-174.66	-150.61	0.00117
-176.78	-148.49	0.00115	-180.31	-144.96	0.00112
-183.85	-141.42	0.00108	-190.92	-134.35	0.00098



11NCRA\_PL91-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00089	-205.06	-120.21	0.00081
-212.13	-113.14	0.00073	-219.20	-106.07	0.00066
-226.27	-98.99	0.00060	-233.35	-91.92	0.00055
-98.99	-240.42	0.00114	-106.07	-233.35	0.00120
-113.14	-226.27	0.00126	-120.21	-219.20	0.00131
-127.28	-212.13	0.00135	-134.35	-205.06	0.00137
-141.42	-197.99	0.00135	-148.49	-190.92	0.00129
-152.03	-187.38	0.00124	-155.56	-183.85	0.00119
-157.68	-181.73	0.00115	-159.10	-180.31	0.00113
-160.51	-178.90	0.00112	-161.93	-177.48	0.00111
-163.34	-176.07	0.00110	-176.07	-163.34	0.00097
-177.48	-161.93	0.00095	-178.90	-160.51	0.00093
-180.31	-159.10	0.00092	-181.73	-157.68	0.00091
-183.85	-155.56	0.00090	-187.38	-152.03	0.00088
-190.92	-148.49	0.00086	-197.99	-141.42	0.00082
-205.06	-134.35	0.00076	-212.13	-127.28	0.00070
-219.20	-120.21	0.00064	-226.27	-113.14	0.00059
-233.35	-106.07	0.00054	-240.42	-98.99	0.00050
-106.07	-247.49	0.00096	-113.14	-240.42	0.00099
-120.21	-233.35	0.00102	-127.28	-226.27	0.00104
-134.35	-219.20	0.00105	-141.42	-212.13	0.00104
-148.49	-205.06	0.00101	-155.56	-197.99	0.00097
-159.10	-194.45	0.00094	-162.63	-190.92	0.00092
-164.76	-188.80	0.00092	-166.17	-187.38	0.00092
-167.58	-185.97	0.00092	-169.00	-184.55	0.00092
-170.41	-183.14	0.00092	-183.14	-170.41	0.00084
-184.55	-169.00	0.00082	-185.97	-167.58	0.00079
-187.38	-166.17	0.00078	-188.80	-164.76	0.00076

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00075	-194.45	-159.10	0.00072
-197.99	-155.56	0.00070	-205.06	-148.49	0.00067
-212.13	-141.42	0.00064	-219.20	-134.35	0.00060
-226.27	-127.28	0.00056	-233.35	-120.21	0.00053
-240.42	-113.14	0.00049	-247.49	-106.07	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00535 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00535 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00531 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00530 AT ( -108.19, -132.23, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00527 AT ( -98.99, -127.28, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00527 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00526 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00526 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00535 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00535 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00531 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00530 AT ( -44.55, -68.59, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00527 AT ( -35.36, -63.64, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00527 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00526 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00526 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00535 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00535 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00531 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00530 AT ( 19.09, -4.95, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00527 AT ( 28.28, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00527 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00526 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00526 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00535 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00535 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00531 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00530 AT ( 82.73, 58.69, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00527 AT ( 91.92, 63.64, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00527 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00526 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00526 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00535 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00535 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00531 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00530 AT ( 146.37, 122.33, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00527 AT ( 155.56, 127.28, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00527 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA

		11NCRA_PL91-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00526	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00526	AT (	132.23,	108.19,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00635	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00635	AT (	-14.14,	-42.43,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00635	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00635	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00635	AT (	-21.21,	-49.50,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00635	AT (	-7.07,	-35.36,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00635	AT (	-28.28,	-56.57,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00635	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00634	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00634	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 14:47:10

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2

RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2

RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2

RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2



RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2

RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2

RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2

RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2

RE DISCCART	113.14	14.14	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	74.25	38.89	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	48.79	64.35	1.2



RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART	28.99	41.72	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	10.61	45.96	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	91.92	1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2

RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	49.5	-63.64	1.2
RE DISCCART	42.43	-56.57	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	4.95	-19.09	1.2

RE DISCCART	3.54	-17.68	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-10.61	-45.96	1.2



RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-41.72	-28.99	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-21.21	-77.78	1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-67.18	-88.39	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-88.39	-67.18	1.2

RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-127.28	-42.43	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-106.77	-91.22	1.2

RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2



RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2

RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-144.96	-109.6	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2

RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-113.14	-226.27	1.2
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RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

RE DISCCART -212.13 -127.28 1.2  
RE DISCCART -219.2 -120.21 1.2  
RE DISCCART -226.27 -113.14 1.2  
RE DISCCART -233.35 -106.07 1.2  
RE DISCCART -240.42 -98.99 1.2  
RE DISCCART -106.07 -247.49 1.2  
RE DISCCART -113.14 -240.42 1.2  
RE DISCCART -120.21 -233.35 1.2  
RE DISCCART -127.28 -226.27 1.2  
RE DISCCART -134.35 -219.2 1.2  
RE DISCCART -141.42 -212.13 1.2  
RE DISCCART -148.49 -205.06 1.2  
RE DISCCART -155.56 -197.99 1.2  
RE DISCCART -159.1 -194.45 1.2  
RE DISCCART -162.63 -190.92 1.2  
RE DISCCART -164.76 -188.8 1.2  
RE DISCCART -166.17 -187.38 1.2  
RE DISCCART -167.58 -185.97 1.2  
RE DISCCART -169.0 -184.55 1.2  
RE DISCCART -170.41 -183.14 1.2  
RE DISCCART -183.14 -170.41 1.2  
RE DISCCART -184.55 -169.0 1.2  
RE DISCCART -185.97 -167.58 1.2  
RE DISCCART -187.38 -166.17 1.2  
RE DISCCART -188.8 -164.76 1.2  
RE DISCCART -190.92 -162.63 1.2  
RE DISCCART -194.45 -159.1 1.2  
RE DISCCART -197.99 -155.56 1.2  
RE DISCCART -205.06 -148.49 1.2  
RE DISCCART -212.13 -141.42 1.2  
RE DISCCART -219.2 -134.35 1.2  
RE DISCCART -226.27 -127.28 1.2  
RE DISCCART -233.35 -120.21 1.2  
RE DISCCART -240.42 -113.14 1.2  
RE DISCCART -247.49 -106.07 1.2  
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET92300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1992

ME UAIRDATA 9901 1992

ME STARTEND 1992 01 01 1 1992 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
 \*\*\* SETUP Finishes Successfully \*\*\*  
 \*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
 m for Missing Hours  
 b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\12NCRA-1.DAT





12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 205.1,	148.5,	0.0,	1.2);	( 198.0,	155.6,	0.0,	1.2);
( 194.4,	159.1,	0.0,	1.2);	( 190.9,	162.6,	0.0,	1.2);
( 188.8,	164.8,	0.0,	1.2);	( 187.4,	166.2,	0.0,	1.2);
( 186.0,	167.6,	0.0,	1.2);	( 184.6,	169.0,	0.0,	1.2);
( 183.1,	170.4,	0.0,	1.2);	( 170.4,	183.1,	0.0,	1.2);
( 169.0,	184.6,	0.0,	1.2);	( 167.6,	186.0,	0.0,	1.2);
( 166.2,	187.4,	0.0,	1.2);	( 164.8,	188.8,	0.0,	1.2);
( 162.6,	190.9,	0.0,	1.2);	( 159.1,	194.4,	0.0,	1.2);
( 155.6,	198.0,	0.0,	1.2);	( 148.5,	205.1,	0.0,	1.2);
( 141.4,	212.1,	0.0,	1.2);	( 134.4,	219.2,	0.0,	1.2);
( 127.3,	226.3,	0.0,	1.2);	( 120.2,	233.4,	0.0,	1.2);
( 113.1,	240.4,	0.0,	1.2);	( 106.1,	247.5,	0.0,	1.2);
( 240.4,	99.0,	0.0,	1.2);	( 233.4,	106.1,	0.0,	1.2);
( 226.3,	113.1,	0.0,	1.2);	( 219.2,	120.2,	0.0,	1.2);
( 212.1,	127.3,	0.0,	1.2);	( 205.1,	134.4,	0.0,	1.2);
( 198.0,	141.4,	0.0,	1.2);	( 190.9,	148.5,	0.0,	1.2);
( 187.4,	152.0,	0.0,	1.2);	( 183.9,	155.6,	0.0,	1.2);
( 181.7,	157.7,	0.0,	1.2);	( 180.3,	159.1,	0.0,	1.2);
( 178.9,	160.5,	0.0,	1.2);	( 177.5,	161.9,	0.0,	1.2);
( 176.1,	163.3,	0.0,	1.2);	( 163.3,	176.1,	0.0,	1.2);
( 161.9,	177.5,	0.0,	1.2);	( 160.5,	178.9,	0.0,	1.2);
( 159.1,	180.3,	0.0,	1.2);	( 157.7,	181.7,	0.0,	1.2);
( 155.6,	183.9,	0.0,	1.2);	( 152.0,	187.4,	0.0,	1.2);
( 148.5,	190.9,	0.0,	1.2);	( 141.4,	198.0,	0.0,	1.2);
( 134.4,	205.1,	0.0,	1.2);	( 127.3,	212.1,	0.0,	1.2);
( 120.2,	219.2,	0.0,	1.2);	( 113.1,	226.3,	0.0,	1.2);
( 106.1,	233.4,	0.0,	1.2);	( 99.0,	240.4,	0.0,	1.2);
( 233.4,	91.9,	0.0,	1.2);	( 226.3,	99.0,	0.0,	1.2);
( 219.2,	106.1,	0.0,	1.2);	( 212.1,	113.1,	0.0,	1.2);
( 205.1,	120.2,	0.0,	1.2);	( 198.0,	127.3,	0.0,	1.2);
( 190.9,	134.4,	0.0,	1.2);	( 183.9,	141.4,	0.0,	1.2);
( 180.3,	145.0,	0.0,	1.2);	( 176.8,	148.5,	0.0,	1.2);
( 174.7,	150.6,	0.0,	1.2);	( 173.2,	152.0,	0.0,	1.2);
( 171.8,	153.4,	0.0,	1.2);	( 170.4,	154.9,	0.0,	1.2);
( 169.0,	156.3,	0.0,	1.2);	( 156.3,	169.0,	0.0,	1.2);
( 154.9,	170.4,	0.0,	1.2);	( 153.4,	171.8,	0.0,	1.2);
( 152.0,	173.2,	0.0,	1.2);	( 150.6,	174.7,	0.0,	1.2);
( 148.5,	176.8,	0.0,	1.2);	( 145.0,	180.3,	0.0,	1.2);
( 141.4,	183.9,	0.0,	1.2);	( 134.4,	190.9,	0.0,	1.2);
( 127.3,	198.0,	0.0,	1.2);	( 120.2,	205.1,	0.0,	1.2);
( 113.1,	212.1,	0.0,	1.2);	( 106.1,	219.2,	0.0,	1.2);
( 99.0,	226.3,	0.0,	1.2);	( 91.9,	233.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 226.3, 84.8, 0.0, 1.2);	( 219.2, 91.9, 0.0, 1.2);
( 212.1, 99.0, 0.0, 1.2);	( 205.1, 106.1, 0.0, 1.2);
( 198.0, 113.1, 0.0, 1.2);	( 190.9, 120.2, 0.0, 1.2);
( 183.9, 127.3, 0.0, 1.2);	( 176.8, 134.4, 0.0, 1.2);
( 173.2, 137.9, 0.0, 1.2);	( 169.7, 141.4, 0.0, 1.2);
( 167.6, 143.5, 0.0, 1.2);	( 166.2, 145.0, 0.0, 1.2);
( 164.8, 146.4, 0.0, 1.2);	( 163.3, 147.8, 0.0, 1.2);
( 161.9, 149.2, 0.0, 1.2);	( 149.2, 161.9, 0.0, 1.2);
( 147.8, 163.3, 0.0, 1.2);	( 146.4, 164.8, 0.0, 1.2);
( 145.0, 166.2, 0.0, 1.2);	( 143.5, 167.6, 0.0, 1.2);
( 141.4, 169.7, 0.0, 1.2);	( 137.9, 173.2, 0.0, 1.2);
( 134.4, 176.8, 0.0, 1.2);	( 127.3, 183.9, 0.0, 1.2);
( 120.2, 190.9, 0.0, 1.2);	( 113.1, 198.0, 0.0, 1.2);
( 106.1, 205.1, 0.0, 1.2);	( 99.0, 212.1, 0.0, 1.2);
( 91.9, 219.2, 0.0, 1.2);	( 84.8, 226.3, 0.0, 1.2);
( 219.2, 77.8, 0.0, 1.2);	( 212.1, 84.8, 0.0, 1.2);
( 205.1, 91.9, 0.0, 1.2);	( 198.0, 99.0, 0.0, 1.2);
( 190.9, 106.1, 0.0, 1.2);	( 183.9, 113.1, 0.0, 1.2);
( 176.8, 120.2, 0.0, 1.2);	( 169.7, 127.3, 0.0, 1.2);
( 166.2, 130.8, 0.0, 1.2);	( 162.6, 134.4, 0.0, 1.2);
( 160.5, 136.5, 0.0, 1.2);	( 159.1, 137.9, 0.0, 1.2);
( 157.7, 139.3, 0.0, 1.2);	( 156.3, 140.7, 0.0, 1.2);
( 154.9, 142.1, 0.0, 1.2);	( 142.1, 154.9, 0.0, 1.2);
( 140.7, 156.3, 0.0, 1.2);	( 139.3, 157.7, 0.0, 1.2);
( 137.9, 159.1, 0.0, 1.2);	( 136.5, 160.5, 0.0, 1.2);
( 134.4, 162.6, 0.0, 1.2);	( 130.8, 166.2, 0.0, 1.2);
( 127.3, 169.7, 0.0, 1.2);	( 120.2, 176.8, 0.0, 1.2);
( 113.1, 183.9, 0.0, 1.2);	( 106.1, 190.9, 0.0, 1.2);
( 99.0, 198.0, 0.0, 1.2);	( 91.9, 205.1, 0.0, 1.2);
( 84.8, 212.1, 0.0, 1.2);	( 77.8, 219.2, 0.0, 1.2);
( 212.1, 70.7, 0.0, 1.2);	( 205.1, 77.8, 0.0, 1.2);
( 198.0, 84.8, 0.0, 1.2);	( 190.9, 91.9, 0.0, 1.2);
( 183.9, 99.0, 0.0, 1.2);	( 176.8, 106.1, 0.0, 1.2);
( 169.7, 113.1, 0.0, 1.2);	( 162.6, 120.2, 0.0, 1.2);
( 159.1, 123.7, 0.0, 1.2);	( 155.6, 127.3, 0.0, 1.2);
( 153.4, 129.4, 0.0, 1.2);	( 152.0, 130.8, 0.0, 1.2);
( 150.6, 132.2, 0.0, 1.2);	( 149.2, 133.6, 0.0, 1.2);
( 147.8, 135.1, 0.0, 1.2);	( 135.1, 147.8, 0.0, 1.2);
( 133.6, 149.2, 0.0, 1.2);	( 132.2, 150.6, 0.0, 1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 130.8,	152.0,	0.0,	1.2);	( 129.4,	153.4,	0.0,	1.2);
( 127.3,	155.6,	0.0,	1.2);	( 123.7,	159.1,	0.0,	1.2);
( 120.2,	162.6,	0.0,	1.2);	( 113.1,	169.7,	0.0,	1.2);
( 106.1,	176.8,	0.0,	1.2);	( 99.0,	183.9,	0.0,	1.2);
( 91.9,	190.9,	0.0,	1.2);	( 84.8,	198.0,	0.0,	1.2);
( 77.8,	205.1,	0.0,	1.2);	( 70.7,	212.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 205.1,	63.6,	0.0,	1.2);	( 198.0,	70.7,	0.0,	1.2);
( 190.9,	77.8,	0.0,	1.2);	( 183.9,	84.8,	0.0,	1.2);
( 176.8,	91.9,	0.0,	1.2);	( 169.7,	99.0,	0.0,	1.2);
( 162.6,	106.1,	0.0,	1.2);	( 155.6,	113.1,	0.0,	1.2);
( 152.0,	116.7,	0.0,	1.2);	( 148.5,	120.2,	0.0,	1.2);
( 146.4,	122.3,	0.0,	1.2);	( 145.0,	123.7,	0.0,	1.2);
( 143.5,	125.2,	0.0,	1.2);	( 142.1,	126.6,	0.0,	1.2);
( 140.7,	128.0,	0.0,	1.2);	( 128.0,	140.7,	0.0,	1.2);
( 126.6,	142.1,	0.0,	1.2);	( 125.2,	143.5,	0.0,	1.2);
( 123.7,	145.0,	0.0,	1.2);	( 122.3,	146.4,	0.0,	1.2);
( 120.2,	148.5,	0.0,	1.2);	( 116.7,	152.0,	0.0,	1.2);
( 113.1,	155.6,	0.0,	1.2);	( 106.1,	162.6,	0.0,	1.2);
( 99.0,	169.7,	0.0,	1.2);	( 91.9,	176.8,	0.0,	1.2);
( 84.8,	183.9,	0.0,	1.2);	( 77.8,	190.9,	0.0,	1.2);
( 70.7,	198.0,	0.0,	1.2);	( 63.6,	205.1,	0.0,	1.2);
( 198.0,	56.6,	0.0,	1.2);	( 190.9,	63.6,	0.0,	1.2);
( 183.9,	70.7,	0.0,	1.2);	( 176.8,	77.8,	0.0,	1.2);
( 169.7,	84.8,	0.0,	1.2);	( 162.6,	91.9,	0.0,	1.2);
( 155.6,	99.0,	0.0,	1.2);	( 148.5,	106.1,	0.0,	1.2);
( 145.0,	109.6,	0.0,	1.2);	( 141.4,	113.1,	0.0,	1.2);
( 139.3,	115.3,	0.0,	1.2);	( 137.9,	116.7,	0.0,	1.2);
( 136.5,	118.1,	0.0,	1.2);	( 135.1,	119.5,	0.0,	1.2);
( 133.6,	120.9,	0.0,	1.2);	( 120.9,	133.6,	0.0,	1.2);
( 119.5,	135.1,	0.0,	1.2);	( 118.1,	136.5,	0.0,	1.2);
( 116.7,	137.9,	0.0,	1.2);	( 115.3,	139.3,	0.0,	1.2);
( 113.1,	141.4,	0.0,	1.2);	( 109.6,	145.0,	0.0,	1.2);
( 106.1,	148.5,	0.0,	1.2);	( 99.0,	155.6,	0.0,	1.2);
( 91.9,	162.6,	0.0,	1.2);	( 84.8,	169.7,	0.0,	1.2);
( 77.8,	176.8,	0.0,	1.2);	( 70.7,	183.9,	0.0,	1.2);
( 63.6,	190.9,	0.0,	1.2);	( 56.6,	198.0,	0.0,	1.2);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 176.8,	63.6,	0.0,	1.2);	( 169.7,	70.7,	0.0,	1.2);
( 162.6,	77.8,	0.0,	1.2);	( 155.6,	84.8,	0.0,	1.2);
( 148.5,	91.9,	0.0,	1.2);	( 141.4,	99.0,	0.0,	1.2);
( 137.9,	102.5,	0.0,	1.2);	( 134.4,	106.1,	0.0,	1.2);
( 132.2,	108.2,	0.0,	1.2);	( 130.8,	109.6,	0.0,	1.2);
( 129.4,	111.0,	0.0,	1.2);	( 128.0,	112.4,	0.0,	1.2);
( 126.6,	113.8,	0.0,	1.2);	( 113.8,	126.6,	0.0,	1.2);
( 112.4,	128.0,	0.0,	1.2);	( 111.0,	129.4,	0.0,	1.2);
( 109.6,	130.8,	0.0,	1.2);	( 108.2,	132.2,	0.0,	1.2);
( 106.1,	134.4,	0.0,	1.2);	( 102.5,	137.9,	0.0,	1.2);
( 99.0,	141.4,	0.0,	1.2);	( 91.9,	148.5,	0.0,	1.2);
( 84.8,	155.6,	0.0,	1.2);	( 77.8,	162.6,	0.0,	1.2);
( 70.7,	169.7,	0.0,	1.2);	( 63.6,	176.8,	0.0,	1.2);
( 56.6,	183.9,	0.0,	1.2);	( 49.5,	190.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 169.7,	56.6,	0.0,	1.2);	( 162.6,	63.6,	0.0,	1.2);
( 155.6,	70.7,	0.0,	1.2);	( 148.5,	77.8,	0.0,	1.2);
( 141.4,	84.8,	0.0,	1.2);	( 134.4,	91.9,	0.0,	1.2);
( 130.8,	95.5,	0.0,	1.2);	( 127.3,	99.0,	0.0,	1.2);
( 125.2,	101.1,	0.0,	1.2);	( 123.7,	102.5,	0.0,	1.2);
( 122.3,	103.9,	0.0,	1.2);	( 120.9,	105.4,	0.0,	1.2);
( 119.5,	106.8,	0.0,	1.2);	( 106.8,	119.5,	0.0,	1.2);
( 105.4,	120.9,	0.0,	1.2);	( 103.9,	122.3,	0.0,	1.2);
( 102.5,	123.7,	0.0,	1.2);	( 101.1,	125.2,	0.0,	1.2);
( 99.0,	127.3,	0.0,	1.2);	( 95.5,	130.8,	0.0,	1.2);
( 91.9,	134.4,	0.0,	1.2);	( 84.8,	141.4,	0.0,	1.2);
( 77.8,	148.5,	0.0,	1.2);	( 70.7,	155.6,	0.0,	1.2);
( 63.6,	162.6,	0.0,	1.2);	( 56.6,	169.7,	0.0,	1.2);
( 49.5,	176.8,	0.0,	1.2);	( 42.4,	183.9,	0.0,	1.2);
( 176.8,	35.4,	0.0,	1.2);	( 169.7,	42.4,	0.0,	1.2);
( 162.6,	49.5,	0.0,	1.2);	( 155.6,	56.6,	0.0,	1.2);
( 148.5,	63.6,	0.0,	1.2);	( 141.4,	70.7,	0.0,	1.2);
( 134.4,	77.8,	0.0,	1.2);	( 127.3,	84.8,	0.0,	1.2);
( 123.7,	88.4,	0.0,	1.2);	( 120.2,	91.9,	0.0,	1.2);
( 118.1,	94.1,	0.0,	1.2);	( 116.7,	95.5,	0.0,	1.2);
( 115.3,	96.9,	0.0,	1.2);	( 113.8,	98.3,	0.0,	1.2);
( 112.4,	99.7,	0.0,	1.2);	( 99.7,	112.4,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 98.3,	113.8,	0.0,	1.2);	( 96.9,	115.3,	0.0,	1.2);
( 95.5,	116.7,	0.0,	1.2);	( 94.1,	118.1,	0.0,	1.2);
( 91.9,	120.2,	0.0,	1.2);	( 88.4,	123.7,	0.0,	1.2);
( 84.8,	127.3,	0.0,	1.2);	( 77.8,	134.4,	0.0,	1.2);
( 70.7,	141.4,	0.0,	1.2);	( 63.6,	148.5,	0.0,	1.2);
( 56.6,	155.6,	0.0,	1.2);	( 49.5,	162.6,	0.0,	1.2);
( 42.4,	169.7,	0.0,	1.2);	( 35.4,	176.8,	0.0,	1.2);
( 169.7,	28.3,	0.0,	1.2);	( 162.6,	35.4,	0.0,	1.2);
( 155.6,	42.4,	0.0,	1.2);	( 148.5,	49.5,	0.0,	1.2);
( 141.4,	56.6,	0.0,	1.2);	( 134.4,	63.6,	0.0,	1.2);
( 127.3,	70.7,	0.0,	1.2);	( 120.2,	77.8,	0.0,	1.2);
( 116.7,	81.3,	0.0,	1.2);	( 113.1,	84.8,	0.0,	1.2);
( 111.0,	87.0,	0.0,	1.2);	( 109.6,	88.4,	0.0,	1.2);
( 108.2,	89.8,	0.0,	1.2);	( 106.8,	91.2,	0.0,	1.2);
( 105.4,	92.6,	0.0,	1.2);	( 92.6,	105.4,	0.0,	1.2);
( 91.2,	106.8,	0.0,	1.2);	( 89.8,	108.2,	0.0,	1.2);
( 88.4,	109.6,	0.0,	1.2);	( 87.0,	111.0,	0.0,	1.2);
( 84.8,	113.1,	0.0,	1.2);	( 81.3,	116.7,	0.0,	1.2);
( 77.8,	120.2,	0.0,	1.2);	( 70.7,	127.3,	0.0,	1.2);
( 63.6,	134.4,	0.0,	1.2);	( 56.6,	141.4,	0.0,	1.2);
( 49.5,	148.5,	0.0,	1.2);	( 42.4,	155.6,	0.0,	1.2);
( 35.4,	162.6,	0.0,	1.2);	( 28.3,	169.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 162.6,	21.2,	0.0,	1.2);	( 155.6,	28.3,	0.0,	1.2);
( 148.5,	35.4,	0.0,	1.2);	( 141.4,	42.4,	0.0,	1.2);
( 134.4,	49.5,	0.0,	1.2);	( 127.3,	56.6,	0.0,	1.2);
( 120.2,	63.6,	0.0,	1.2);	( 113.1,	70.7,	0.0,	1.2);
( 109.6,	74.2,	0.0,	1.2);	( 106.1,	77.8,	0.0,	1.2);
( 103.9,	79.9,	0.0,	1.2);	( 102.5,	81.3,	0.0,	1.2);
( 101.1,	82.7,	0.0,	1.2);	( 99.7,	84.2,	0.0,	1.2);
( 98.3,	85.6,	0.0,	1.2);	( 85.6,	98.3,	0.0,	1.2);
( 84.2,	99.7,	0.0,	1.2);	( 82.7,	101.1,	0.0,	1.2);
( 81.3,	102.5,	0.0,	1.2);	( 79.9,	103.9,	0.0,	1.2);
( 77.8,	106.1,	0.0,	1.2);	( 74.2,	109.6,	0.0,	1.2);
( 70.7,	113.1,	0.0,	1.2);	( 63.6,	120.2,	0.0,	1.2);
( 56.6,	127.3,	0.0,	1.2);	( 49.5,	134.4,	0.0,	1.2);
( 42.4,	141.4,	0.0,	1.2);	( 35.4,	148.5,	0.0,	1.2);
( 28.3,	155.6,	0.0,	1.2);	( 21.2,	162.6,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 155.6,	14.1,	0.0,	1.2);	( 148.5,	21.2,	0.0,	1.2);
( 141.4,	28.3,	0.0,	1.2);	( 134.4,	35.4,	0.0,	1.2);
( 127.3,	42.4,	0.0,	1.2);	( 120.2,	49.5,	0.0,	1.2);
( 113.1,	56.6,	0.0,	1.2);	( 106.1,	63.6,	0.0,	1.2);
( 102.5,	67.2,	0.0,	1.2);	( 99.0,	70.7,	0.0,	1.2);
( 96.9,	72.8,	0.0,	1.2);	( 95.5,	74.2,	0.0,	1.2);
( 94.1,	75.7,	0.0,	1.2);	( 92.6,	77.1,	0.0,	1.2);
( 91.2,	78.5,	0.0,	1.2);	( 78.5,	91.2,	0.0,	1.2);
( 77.1,	92.6,	0.0,	1.2);	( 75.7,	94.1,	0.0,	1.2);
( 74.2,	95.5,	0.0,	1.2);	( 72.8,	96.9,	0.0,	1.2);
( 70.7,	99.0,	0.0,	1.2);	( 67.2,	102.5,	0.0,	1.2);
( 63.6,	106.1,	0.0,	1.2);	( 56.6,	113.1,	0.0,	1.2);
( 49.5,	120.2,	0.0,	1.2);	( 42.4,	127.3,	0.0,	1.2);
( 35.4,	134.4,	0.0,	1.2);	( 28.3,	141.4,	0.0,	1.2);
( 21.2,	148.5,	0.0,	1.2);	( 14.1,	155.6,	0.0,	1.2);
( 148.5,	7.1,	0.0,	1.2);	( 141.4,	14.1,	0.0,	1.2);
( 134.4,	21.2,	0.0,	1.2);	( 127.3,	28.3,	0.0,	1.2);
( 120.2,	35.4,	0.0,	1.2);	( 113.1,	42.4,	0.0,	1.2);
( 106.1,	49.5,	0.0,	1.2);	( 99.0,	56.6,	0.0,	1.2);
( 95.5,	60.1,	0.0,	1.2);	( 91.9,	63.6,	0.0,	1.2);
( 89.8,	65.8,	0.0,	1.2);	( 88.4,	67.2,	0.0,	1.2);
( 87.0,	68.6,	0.0,	1.2);	( 85.6,	70.0,	0.0,	1.2);
( 84.2,	71.4,	0.0,	1.2);	( 71.4,	84.2,	0.0,	1.2);
( 70.0,	85.6,	0.0,	1.2);	( 68.6,	87.0,	0.0,	1.2);
( 67.2,	88.4,	0.0,	1.2);	( 65.8,	89.8,	0.0,	1.2);
( 63.6,	91.9,	0.0,	1.2);	( 60.1,	95.5,	0.0,	1.2);
( 56.6,	99.0,	0.0,	1.2);	( 49.5,	106.1,	0.0,	1.2);
( 42.4,	113.1,	0.0,	1.2);	( 35.4,	120.2,	0.0,	1.2);
( 28.3,	127.3,	0.0,	1.2);	( 21.2,	134.4,	0.0,	1.2);
( 14.1,	141.4,	0.0,	1.2);	( 7.1,	148.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 141.4,	0.0,	0.0,	1.2);	( 134.4,	7.1,	0.0,	1.2);
( 127.3,	14.1,	0.0,	1.2);	( 120.2,	21.2,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	35.4,	0.0,	1.2);
( 99.0,	42.4,	0.0,	1.2);	( 91.9,	49.5,	0.0,	1.2);
( 88.4,	53.0,	0.0,	1.2);	( 84.8,	56.6,	0.0,	1.2);
( 82.7,	58.7,	0.0,	1.2);	( 81.3,	60.1,	0.0,	1.2);
( 79.9,	61.5,	0.0,	1.2);	( 78.5,	62.9,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 77.1,	64.3,	0.0,	1.2);	( 64.3,	77.1,	0.0,	1.2);
( 62.9,	78.5,	0.0,	1.2);	( 61.5,	79.9,	0.0,	1.2);
( 60.1,	81.3,	0.0,	1.2);	( 58.7,	82.7,	0.0,	1.2);
( 56.6,	84.8,	0.0,	1.2);	( 53.0,	88.4,	0.0,	1.2);
( 49.5,	91.9,	0.0,	1.2);	( 42.4,	99.0,	0.0,	1.2);
( 35.4,	106.1,	0.0,	1.2);	( 28.3,	113.1,	0.0,	1.2);
( 21.2,	120.2,	0.0,	1.2);	( 14.1,	127.3,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	141.4,	0.0,	1.2);
( 134.4,	-7.1,	0.0,	1.2);	( 127.3,	0.0,	0.0,	1.2);
( 120.2,	7.1,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	21.2,	0.0,	1.2);	( 99.0,	28.3,	0.0,	1.2);
( 91.9,	35.4,	0.0,	1.2);	( 84.8,	42.4,	0.0,	1.2);
( 81.3,	46.0,	0.0,	1.2);	( 77.8,	49.5,	0.0,	1.2);
( 75.7,	51.6,	0.0,	1.2);	( 74.2,	53.0,	0.0,	1.2);
( 72.8,	54.5,	0.0,	1.2);	( 71.4,	55.9,	0.0,	1.2);
( 70.0,	57.3,	0.0,	1.2);	( 57.3,	70.0,	0.0,	1.2);
( 55.9,	71.4,	0.0,	1.2);	( 54.5,	72.8,	0.0,	1.2);
( 53.0,	74.2,	0.0,	1.2);	( 51.6,	75.7,	0.0,	1.2);
( 49.5,	77.8,	0.0,	1.2);	( 46.0,	81.3,	0.0,	1.2);
( 42.4,	84.8,	0.0,	1.2);	( 35.4,	91.9,	0.0,	1.2);
( 28.3,	99.0,	0.0,	1.2);	( 21.2,	106.1,	0.0,	1.2);
( 14.1,	113.1,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	127.3,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( 127.3,	-14.1,	0.0,	1.2);	( 120.2,	-7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	7.1,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	21.2,	0.0,	1.2);
( 84.8,	28.3,	0.0,	1.2);	( 77.8,	35.4,	0.0,	1.2);
( 74.2,	38.9,	0.0,	1.2);	( 70.7,	42.4,	0.0,	1.2);
( 68.6,	44.5,	0.0,	1.2);	( 67.2,	46.0,	0.0,	1.2);
( 65.8,	47.4,	0.0,	1.2);	( 64.3,	48.8,	0.0,	1.2);
( 62.9,	50.2,	0.0,	1.2);	( 50.2,	62.9,	0.0,	1.2);
( 48.8,	64.3,	0.0,	1.2);	( 47.4,	65.8,	0.0,	1.2);
( 46.0,	67.2,	0.0,	1.2);	( 44.5,	68.6,	0.0,	1.2);
( 42.4,	70.7,	0.0,	1.2);	( 38.9,	74.2,	0.0,	1.2);
( 35.4,	77.8,	0.0,	1.2);	( 28.3,	84.8,	0.0,	1.2);
( 21.2,	91.9,	0.0,	1.2);	( 14.1,	99.0,	0.0,	1.2);
( 7.1,	106.1,	0.0,	1.2);	( 0.0,	113.1,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	127.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)



12NCRA\_PL92-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 120.2,	-21.2,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	7.1,	0.0,	1.2);	( 84.8,	14.1,	0.0,	1.2);
( 77.8,	21.2,	0.0,	1.2);	( 70.7,	28.3,	0.0,	1.2);
( 67.2,	31.8,	0.0,	1.2);	( 63.6,	35.4,	0.0,	1.2);
( 61.5,	37.5,	0.0,	1.2);	( 60.1,	38.9,	0.0,	1.2);
( 58.7,	40.3,	0.0,	1.2);	( 57.3,	41.7,	0.0,	1.2);
( 55.9,	43.1,	0.0,	1.2);	( 43.1,	55.9,	0.0,	1.2);
( 41.7,	57.3,	0.0,	1.2);	( 40.3,	58.7,	0.0,	1.2);
( 38.9,	60.1,	0.0,	1.2);	( 37.5,	61.5,	0.0,	1.2);
( 35.4,	63.6,	0.0,	1.2);	( 31.8,	67.2,	0.0,	1.2);
( 28.3,	70.7,	0.0,	1.2);	( 21.2,	77.8,	0.0,	1.2);
( 14.1,	84.8,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	99.0,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	113.1,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-21.2,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	7.1,	0.0,	1.2);
( 70.7,	14.1,	0.0,	1.2);	( 63.6,	21.2,	0.0,	1.2);
( 60.1,	24.8,	0.0,	1.2);	( 56.6,	28.3,	0.0,	1.2);
( 54.5,	30.4,	0.0,	1.2);	( 53.0,	31.8,	0.0,	1.2);
( 51.6,	33.2,	0.0,	1.2);	( 50.2,	34.7,	0.0,	1.2);
( 48.8,	36.1,	0.0,	1.2);	( 36.1,	48.8,	0.0,	1.2);
( 34.7,	50.2,	0.0,	1.2);	( 33.2,	51.6,	0.0,	1.2);
( 31.8,	53.0,	0.0,	1.2);	( 30.4,	54.5,	0.0,	1.2);
( 28.3,	56.6,	0.0,	1.2);	( 24.8,	60.1,	0.0,	1.2);
( 21.2,	63.6,	0.0,	1.2);	( 14.1,	70.7,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	84.8,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	99.0,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	113.1,	0.0,	1.2);
( 106.1,	-35.4,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-21.2,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-7.1,	0.0,	1.2);	( 70.7,	0.0,	0.0,	1.2);
( 63.6,	7.1,	0.0,	1.2);	( 56.6,	14.1,	0.0,	1.2);
( 53.0,	17.7,	0.0,	1.2);	( 49.5,	21.2,	0.0,	1.2);
( 47.4,	23.3,	0.0,	1.2);	( 46.0,	24.8,	0.0,	1.2);
( 44.5,	26.2,	0.0,	1.2);	( 43.1,	27.6,	0.0,	1.2);
( 41.7,	29.0,	0.0,	1.2);	( 29.0,	41.7,	0.0,	1.2);
( 27.6,	43.1,	0.0,	1.2);	( 26.2,	44.5,	0.0,	1.2);
( 24.8,	46.0,	0.0,	1.2);	( 23.3,	47.4,	0.0,	1.2);
( 21.2,	49.5,	0.0,	1.2);	( 17.7,	53.0,	0.0,	1.2);
( 14.1,	56.6,	0.0,	1.2);	( 7.1,	63.6,	0.0,	1.2);
( 0.0,	70.7,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -14.1, 84.8, 0.0, 1.2); ( -21.2, 91.9, 0.0, 1.2);  
 ( -28.3, 99.0, 0.0, 1.2); ( -35.4, 106.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 99.0, -42.4, 0.0, 1.2);	( 91.9, -35.4, 0.0, 1.2);
( 84.8, -28.3, 0.0, 1.2);	( 77.8, -21.2, 0.0, 1.2);
( 70.7, -14.1, 0.0, 1.2);	( 63.6, -7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, 7.1, 0.0, 1.2);
( 46.0, 10.6, 0.0, 1.2);	( 42.4, 14.1, 0.0, 1.2);
( 40.3, 16.3, 0.0, 1.2);	( 38.9, 17.7, 0.0, 1.2);
( 37.5, 19.1, 0.0, 1.2);	( 36.1, 20.5, 0.0, 1.2);
( 34.7, 21.9, 0.0, 1.2);	( 21.9, 34.7, 0.0, 1.2);
( 20.5, 36.1, 0.0, 1.2);	( 19.1, 37.5, 0.0, 1.2);
( 17.7, 38.9, 0.0, 1.2);	( 16.3, 40.3, 0.0, 1.2);
( 14.1, 42.4, 0.0, 1.2);	( 10.6, 46.0, 0.0, 1.2);
( 7.1, 49.5, 0.0, 1.2);	( 0.0, 56.6, 0.0, 1.2);
( -7.1, 63.6, 0.0, 1.2);	( -14.1, 70.7, 0.0, 1.2);
( -21.2, 77.8, 0.0, 1.2);	( -28.3, 84.8, 0.0, 1.2);
( -35.4, 91.9, 0.0, 1.2);	( -42.4, 99.0, 0.0, 1.2);
( 91.9, -49.5, 0.0, 1.2);	( 84.8, -42.4, 0.0, 1.2);
( 77.8, -35.4, 0.0, 1.2);	( 70.7, -28.3, 0.0, 1.2);
( 63.6, -21.2, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 49.5, -7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);
( 38.9, 3.5, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 33.2, 9.2, 0.0, 1.2);	( 31.8, 10.6, 0.0, 1.2);
( 30.4, 12.0, 0.0, 1.2);	( 29.0, 13.4, 0.0, 1.2);
( 27.6, 14.9, 0.0, 1.2);	( 14.9, 27.6, 0.0, 1.2);
( 13.4, 29.0, 0.0, 1.2);	( 12.0, 30.4, 0.0, 1.2);
( 10.6, 31.8, 0.0, 1.2);	( 9.2, 33.2, 0.0, 1.2);
( 7.1, 35.4, 0.0, 1.2);	( 3.5, 38.9, 0.0, 1.2);
( 0.0, 42.4, 0.0, 1.2);	( -7.1, 49.5, 0.0, 1.2);
( -14.1, 56.6, 0.0, 1.2);	( -21.2, 63.6, 0.0, 1.2);
( -28.3, 70.7, 0.0, 1.2);	( -35.4, 77.8, 0.0, 1.2);
( -42.4, 84.8, 0.0, 1.2);	( -49.5, 91.9, 0.0, 1.2);
( 84.8, -56.6, 0.0, 1.2);	( 77.8, -49.5, 0.0, 1.2);
( 70.7, -42.4, 0.0, 1.2);	( 63.6, -35.4, 0.0, 1.2);
( 56.6, -28.3, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 42.4, -14.1, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 31.8, -3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 26.2,	2.1,	0.0,	1.2);	( 24.8,	3.5,	0.0,	1.2);
( 23.3,	4.9,	0.0,	1.2);	( 21.9,	6.4,	0.0,	1.2);
( 20.5,	7.8,	0.0,	1.2);	( 7.8,	20.5,	0.0,	1.2);
( 6.4,	21.9,	0.0,	1.2);	( 4.9,	23.3,	0.0,	1.2);
( 3.5,	24.8,	0.0,	1.2);	( 2.1,	26.2,	0.0,	1.2);
( 0.0,	28.3,	0.0,	1.2);	( -3.5,	31.8,	0.0,	1.2);
( -7.1,	35.4,	0.0,	1.2);	( -14.1,	42.4,	0.0,	1.2);
( -21.2,	49.5,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -35.4,	63.6,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -49.5,	77.8,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 77.8,	-63.6,	0.0,	1.2);	( 70.7,	-56.6,	0.0,	1.2);
( 63.6,	-49.5,	0.0,	1.2);	( 56.6,	-42.4,	0.0,	1.2);
( 49.5,	-35.4,	0.0,	1.2);	( 42.4,	-28.3,	0.0,	1.2);
( 35.4,	-21.2,	0.0,	1.2);	( 28.3,	-14.1,	0.0,	1.2);
( 24.8,	-10.6,	0.0,	1.2);	( 21.2,	-7.1,	0.0,	1.2);
( 19.1,	-4.9,	0.0,	1.2);	( 17.7,	-3.5,	0.0,	1.2);
( 16.3,	-2.1,	0.0,	1.2);	( 14.9,	-0.7,	0.0,	1.2);
( 13.4,	0.7,	0.0,	1.2);	( 0.7,	13.4,	0.0,	1.2);
( -0.7,	14.9,	0.0,	1.2);	( -2.1,	16.3,	0.0,	1.2);
( -3.5,	17.7,	0.0,	1.2);	( -4.9,	19.1,	0.0,	1.2);
( -7.1,	21.2,	0.0,	1.2);	( -10.6,	24.8,	0.0,	1.2);
( -14.1,	28.3,	0.0,	1.2);	( -21.2,	35.4,	0.0,	1.2);
( -28.3,	42.4,	0.0,	1.2);	( -35.4,	49.5,	0.0,	1.2);
( -42.4,	56.6,	0.0,	1.2);	( -49.5,	63.6,	0.0,	1.2);
( -56.6,	70.7,	0.0,	1.2);	( -63.6,	77.8,	0.0,	1.2);
( 70.7,	-70.7,	0.0,	1.2);	( 63.6,	-63.6,	0.0,	1.2);
( 56.6,	-56.6,	0.0,	1.2);	( 49.5,	-49.5,	0.0,	1.2);
( 42.4,	-42.4,	0.0,	1.2);	( 35.4,	-35.4,	0.0,	1.2);
( 28.3,	-28.3,	0.0,	1.2);	( 21.2,	-21.2,	0.0,	1.2);
( 17.7,	-17.7,	0.0,	1.2);	( 14.1,	-14.1,	0.0,	1.2);
( 12.0,	-12.0,	0.0,	1.2);	( 10.6,	-10.6,	0.0,	1.2);
( 9.2,	-9.2,	0.0,	1.2);	( 7.8,	-7.8,	0.0,	1.2);
( 6.4,	-6.4,	0.0,	1.2);	( -6.4,	6.4,	0.0,	1.2);
( -7.8,	7.8,	0.0,	1.2);	( -9.2,	9.2,	0.0,	1.2);
( -10.6,	10.6,	0.0,	1.2);	( -12.0,	12.0,	0.0,	1.2);
( -14.1,	14.1,	0.0,	1.2);	( -17.7,	17.7,	0.0,	1.2);
( -21.2,	21.2,	0.0,	1.2);	( -28.3,	28.3,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -35.4, 35.4, 0.0, 1.2);	( -42.4, 42.4, 0.0, 1.2);
( -49.5, 49.5, 0.0, 1.2);	( -56.6, 56.6, 0.0, 1.2);
( -63.6, 63.6, 0.0, 1.2);	( -70.7, 70.7, 0.0, 1.2);
( 63.6, -77.8, 0.0, 1.2);	( 56.6, -70.7, 0.0, 1.2);
( 49.5, -63.6, 0.0, 1.2);	( 42.4, -56.6, 0.0, 1.2);
( 35.4, -49.5, 0.0, 1.2);	( 28.3, -42.4, 0.0, 1.2);
( 21.2, -35.4, 0.0, 1.2);	( 14.1, -28.3, 0.0, 1.2);
( 10.6, -24.8, 0.0, 1.2);	( 7.1, -21.2, 0.0, 1.2);
( 4.9, -19.1, 0.0, 1.2);	( 3.5, -17.7, 0.0, 1.2);
( 2.1, -16.3, 0.0, 1.2);	( 0.7, -14.9, 0.0, 1.2);
( -0.7, -13.4, 0.0, 1.2);	( -13.4, -0.7, 0.0, 1.2);
( -14.9, 0.7, 0.0, 1.2);	( -16.3, 2.1, 0.0, 1.2);
( -17.7, 3.5, 0.0, 1.2);	( -19.1, 4.9, 0.0, 1.2);
( -21.2, 7.1, 0.0, 1.2);	( -24.8, 10.6, 0.0, 1.2);
( -28.3, 14.1, 0.0, 1.2);	( -35.4, 21.2, 0.0, 1.2);
( -42.4, 28.3, 0.0, 1.2);	( -49.5, 35.4, 0.0, 1.2);
( -56.6, 42.4, 0.0, 1.2);	( -63.6, 49.5, 0.0, 1.2);
( -70.7, 56.6, 0.0, 1.2);	( -77.8, 63.6, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 56.6, -84.8, 0.0, 1.2);	( 49.5, -77.8, 0.0, 1.2);
( 42.4, -70.7, 0.0, 1.2);	( 35.4, -63.6, 0.0, 1.2);
( 28.3, -56.6, 0.0, 1.2);	( 21.2, -49.5, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 7.1, -35.4, 0.0, 1.2);
( 3.5, -31.8, 0.0, 1.2);	( 0.0, -28.3, 0.0, 1.2);
( -2.1, -26.2, 0.0, 1.2);	( -3.5, -24.8, 0.0, 1.2);
( -4.9, -23.3, 0.0, 1.2);	( -6.4, -21.9, 0.0, 1.2);
( -7.8, -20.5, 0.0, 1.2);	( -20.5, -7.8, 0.0, 1.2);
( -21.9, -6.4, 0.0, 1.2);	( -23.3, -4.9, 0.0, 1.2);
( -24.8, -3.5, 0.0, 1.2);	( -26.2, -2.1, 0.0, 1.2);
( -28.3, 0.0, 0.0, 1.2);	( -31.8, 3.5, 0.0, 1.2);
( -35.4, 7.1, 0.0, 1.2);	( -42.4, 14.1, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -56.6, 28.3, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -70.7, 42.4, 0.0, 1.2);
( -77.8, 49.5, 0.0, 1.2);	( -84.8, 56.6, 0.0, 1.2);
( 49.5, -91.9, 0.0, 1.2);	( 42.4, -84.8, 0.0, 1.2);
( 35.4, -77.8, 0.0, 1.2);	( 28.3, -70.7, 0.0, 1.2);
( 21.2, -63.6, 0.0, 1.2);	( 14.1, -56.6, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -42.4, 0.0, 1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

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( -3.5, -38.9, 0.0, 1.2); ( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2); ( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2); ( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2); ( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2); ( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2); ( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2); ( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2); ( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2); ( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2); ( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2); ( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2); ( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2); ( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2); ( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2); ( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2); ( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2); ( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2); ( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2); ( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2); ( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2); ( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2); ( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2); ( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2); ( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2); ( -99.0, 42.4, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 14  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

```
( 35.4, -106.1, 0.0, 1.2); ( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2); ( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2); ( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2); ( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2); ( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2); ( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2); ( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2); ( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2); ( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2); ( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2); ( -53.0, -17.7, 0.0, 1.2);
```

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-14.1,	0.0,	1.2);	( -63.6,	-7.1,	0.0,	1.2);
( -70.7,	0.0,	0.0,	1.2);	( -77.8,	7.1,	0.0,	1.2);
( -84.8,	14.1,	0.0,	1.2);	( -91.9,	21.2,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	35.4,	0.0,	1.2);
( 28.3,	-113.1,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-99.0,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-84.8,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-70.7,	0.0,	1.2);	( -21.2,	-63.6,	0.0,	1.2);
( -24.8,	-60.1,	0.0,	1.2);	( -28.3,	-56.6,	0.0,	1.2);
( -30.4,	-54.5,	0.0,	1.2);	( -31.8,	-53.0,	0.0,	1.2);
( -33.2,	-51.6,	0.0,	1.2);	( -34.7,	-50.2,	0.0,	1.2);
( -36.1,	-48.8,	0.0,	1.2);	( -48.8,	-36.1,	0.0,	1.2);
( -50.2,	-34.7,	0.0,	1.2);	( -51.6,	-33.2,	0.0,	1.2);
( -53.0,	-31.8,	0.0,	1.2);	( -54.5,	-30.4,	0.0,	1.2);
( -56.6,	-28.3,	0.0,	1.2);	( -60.1,	-24.8,	0.0,	1.2);
( -63.6,	-21.2,	0.0,	1.2);	( -70.7,	-14.1,	0.0,	1.2);
( -77.8,	-7.1,	0.0,	1.2);	( -84.8,	0.0,	0.0,	1.2);
( -91.9,	7.1,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	21.2,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-113.1,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-99.0,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-84.8,	0.0,	1.2);
( -21.2,	-77.8,	0.0,	1.2);	( -28.3,	-70.7,	0.0,	1.2);
( -31.8,	-67.2,	0.0,	1.2);	( -35.4,	-63.6,	0.0,	1.2);
( -37.5,	-61.5,	0.0,	1.2);	( -38.9,	-60.1,	0.0,	1.2);
( -40.3,	-58.7,	0.0,	1.2);	( -41.7,	-57.3,	0.0,	1.2);
( -43.1,	-55.9,	0.0,	1.2);	( -55.9,	-43.1,	0.0,	1.2);
( -57.3,	-41.7,	0.0,	1.2);	( -58.7,	-40.3,	0.0,	1.2);
( -60.1,	-38.9,	0.0,	1.2);	( -61.5,	-37.5,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -67.2,	-31.8,	0.0,	1.2);
( -70.7,	-28.3,	0.0,	1.2);	( -77.8,	-21.2,	0.0,	1.2);
( -84.8,	-14.1,	0.0,	1.2);	( -91.9,	-7.1,	0.0,	1.2);
( -99.0,	0.0,	0.0,	1.2);	( -106.1,	7.1,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 14.1,	-127.3,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-113.1,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-99.0,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -28.3,	-84.8,	0.0,	1.2);	( -35.4,	-77.8,	0.0,	1.2);
( -38.9,	-74.2,	0.0,	1.2);	( -42.4,	-70.7,	0.0,	1.2);
( -44.5,	-68.6,	0.0,	1.2);	( -46.0,	-67.2,	0.0,	1.2);
( -47.4,	-65.8,	0.0,	1.2);	( -48.8,	-64.3,	0.0,	1.2);
( -50.2,	-62.9,	0.0,	1.2);	( -62.9,	-50.2,	0.0,	1.2);
( -64.3,	-48.8,	0.0,	1.2);	( -65.8,	-47.4,	0.0,	1.2);
( -67.2,	-46.0,	0.0,	1.2);	( -68.6,	-44.5,	0.0,	1.2);
( -70.7,	-42.4,	0.0,	1.2);	( -74.2,	-38.9,	0.0,	1.2);
( -77.8,	-35.4,	0.0,	1.2);	( -84.8,	-28.3,	0.0,	1.2);
( -91.9,	-21.2,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	7.1,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-127.3,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-113.1,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-99.0,	0.0,	1.2);
( -35.4,	-91.9,	0.0,	1.2);	( -42.4,	-84.8,	0.0,	1.2);
( -46.0,	-81.3,	0.0,	1.2);	( -49.5,	-77.8,	0.0,	1.2);
( -51.6,	-75.7,	0.0,	1.2);	( -53.0,	-74.2,	0.0,	1.2);
( -54.5,	-72.8,	0.0,	1.2);	( -55.9,	-71.4,	0.0,	1.2);
( -57.3,	-70.0,	0.0,	1.2);	( -70.0,	-57.3,	0.0,	1.2);
( -71.4,	-55.9,	0.0,	1.2);	( -72.8,	-54.5,	0.0,	1.2);
( -74.2,	-53.0,	0.0,	1.2);	( -75.7,	-51.6,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -81.3,	-46.0,	0.0,	1.2);
( -84.8,	-42.4,	0.0,	1.2);	( -91.9,	-35.4,	0.0,	1.2);
( -99.0,	-28.3,	0.0,	1.2);	( -106.1,	-21.2,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	7.1,	0.0,	1.2);
( 0.0,	-141.4,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( -14.1,	-127.3,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);
( -28.3,	-113.1,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( -42.4,	-99.0,	0.0,	1.2);	( -49.5,	-91.9,	0.0,	1.2);
( -53.0,	-88.4,	0.0,	1.2);	( -56.6,	-84.8,	0.0,	1.2);
( -58.7,	-82.7,	0.0,	1.2);	( -60.1,	-81.3,	0.0,	1.2);
( -61.5,	-79.9,	0.0,	1.2);	( -62.9,	-78.5,	0.0,	1.2);
( -64.3,	-77.1,	0.0,	1.2);	( -77.1,	-64.3,	0.0,	1.2);
( -78.5,	-62.9,	0.0,	1.2);	( -79.9,	-61.5,	0.0,	1.2);
( -81.3,	-60.1,	0.0,	1.2);	( -82.7,	-58.7,	0.0,	1.2);
( -84.8,	-56.6,	0.0,	1.2);	( -88.4,	-53.0,	0.0,	1.2);
( -91.9,	-49.5,	0.0,	1.2);	( -99.0,	-42.4,	0.0,	1.2);
( -106.1,	-35.4,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( -120.2,	-21.2,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);
( -134.4,	-7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -7.1, -148.5, 0.0, 1.2);	( -14.1, -141.4, 0.0, 1.2);
( -21.2, -134.4, 0.0, 1.2);	( -28.3, -127.3, 0.0, 1.2);
( -35.4, -120.2, 0.0, 1.2);	( -42.4, -113.1, 0.0, 1.2);
( -49.5, -106.1, 0.0, 1.2);	( -56.6, -99.0, 0.0, 1.2);
( -60.1, -95.5, 0.0, 1.2);	( -63.6, -91.9, 0.0, 1.2);
( -65.8, -89.8, 0.0, 1.2);	( -67.2, -88.4, 0.0, 1.2);
( -68.6, -87.0, 0.0, 1.2);	( -70.0, -85.6, 0.0, 1.2);
( -71.4, -84.2, 0.0, 1.2);	( -84.2, -71.4, 0.0, 1.2);
( -85.6, -70.0, 0.0, 1.2);	( -87.0, -68.6, 0.0, 1.2);
( -88.4, -67.2, 0.0, 1.2);	( -89.8, -65.8, 0.0, 1.2);
( -91.9, -63.6, 0.0, 1.2);	( -95.5, -60.1, 0.0, 1.2);
( -99.0, -56.6, 0.0, 1.2);	( -106.1, -49.5, 0.0, 1.2);
( -113.1, -42.4, 0.0, 1.2);	( -120.2, -35.4, 0.0, 1.2);
( -127.3, -28.3, 0.0, 1.2);	( -134.4, -21.2, 0.0, 1.2);
( -141.4, -14.1, 0.0, 1.2);	( -148.5, -7.1, 0.0, 1.2);
( -14.1, -155.6, 0.0, 1.2);	( -21.2, -148.5, 0.0, 1.2);
( -28.3, -141.4, 0.0, 1.2);	( -35.4, -134.4, 0.0, 1.2);
( -42.4, -127.3, 0.0, 1.2);	( -49.5, -120.2, 0.0, 1.2);
( -56.6, -113.1, 0.0, 1.2);	( -63.6, -106.1, 0.0, 1.2);
( -67.2, -102.5, 0.0, 1.2);	( -70.7, -99.0, 0.0, 1.2);
( -72.8, -96.9, 0.0, 1.2);	( -74.2, -95.5, 0.0, 1.2);
( -75.7, -94.1, 0.0, 1.2);	( -77.1, -92.6, 0.0, 1.2);
( -78.5, -91.2, 0.0, 1.2);	( -91.2, -78.5, 0.0, 1.2);
( -92.6, -77.1, 0.0, 1.2);	( -94.1, -75.7, 0.0, 1.2);
( -95.5, -74.2, 0.0, 1.2);	( -96.9, -72.8, 0.0, 1.2);
( -99.0, -70.7, 0.0, 1.2);	( -102.5, -67.2, 0.0, 1.2);
( -106.1, -63.6, 0.0, 1.2);	( -113.1, -56.6, 0.0, 1.2);
( -120.2, -49.5, 0.0, 1.2);	( -127.3, -42.4, 0.0, 1.2);
( -134.4, -35.4, 0.0, 1.2);	( -141.4, -28.3, 0.0, 1.2);
( -148.5, -21.2, 0.0, 1.2);	( -155.6, -14.1, 0.0, 1.2);
( -21.2, -162.6, 0.0, 1.2);	( -28.3, -155.6, 0.0, 1.2);
( -35.4, -148.5, 0.0, 1.2);	( -42.4, -141.4, 0.0, 1.2);
( -49.5, -134.4, 0.0, 1.2);	( -56.6, -127.3, 0.0, 1.2);
( -63.6, -120.2, 0.0, 1.2);	( -70.7, -113.1, 0.0, 1.2);
( -74.2, -109.6, 0.0, 1.2);	( -77.8, -106.1, 0.0, 1.2);
( -79.9, -103.9, 0.0, 1.2);	( -81.3, -102.5, 0.0, 1.2);
( -82.7, -101.1, 0.0, 1.2);	( -84.2, -99.7, 0.0, 1.2);
( -85.6, -98.3, 0.0, 1.2);	( -98.3, -85.6, 0.0, 1.2);
( -99.7, -84.2, 0.0, 1.2);	( -101.1, -82.7, 0.0, 1.2);



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -102.5,	-81.3,	0.0,	1.2);	( -103.9,	-79.9,	0.0,	1.2);
( -106.1,	-77.8,	0.0,	1.2);	( -109.6,	-74.2,	0.0,	1.2);
( -113.1,	-70.7,	0.0,	1.2);	( -120.2,	-63.6,	0.0,	1.2);
( -127.3,	-56.6,	0.0,	1.2);	( -134.4,	-49.5,	0.0,	1.2);
( -141.4,	-42.4,	0.0,	1.2);	( -148.5,	-35.4,	0.0,	1.2);
( -155.6,	-28.3,	0.0,	1.2);	( -162.6,	-21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -28.3,	-169.7,	0.0,	1.2);	( -35.4,	-162.6,	0.0,	1.2);
( -42.4,	-155.6,	0.0,	1.2);	( -49.5,	-148.5,	0.0,	1.2);
( -56.6,	-141.4,	0.0,	1.2);	( -63.6,	-134.4,	0.0,	1.2);
( -70.7,	-127.3,	0.0,	1.2);	( -77.8,	-120.2,	0.0,	1.2);
( -81.3,	-116.7,	0.0,	1.2);	( -84.8,	-113.1,	0.0,	1.2);
( -87.0,	-111.0,	0.0,	1.2);	( -88.4,	-109.6,	0.0,	1.2);
( -89.8,	-108.2,	0.0,	1.2);	( -91.2,	-106.8,	0.0,	1.2);
( -92.6,	-105.4,	0.0,	1.2);	( -105.4,	-92.6,	0.0,	1.2);
( -106.8,	-91.2,	0.0,	1.2);	( -108.2,	-89.8,	0.0,	1.2);
( -109.6,	-88.4,	0.0,	1.2);	( -111.0,	-87.0,	0.0,	1.2);
( -113.1,	-84.8,	0.0,	1.2);	( -116.7,	-81.3,	0.0,	1.2);
( -120.2,	-77.8,	0.0,	1.2);	( -127.3,	-70.7,	0.0,	1.2);
( -134.4,	-63.6,	0.0,	1.2);	( -141.4,	-56.6,	0.0,	1.2);
( -148.5,	-49.5,	0.0,	1.2);	( -155.6,	-42.4,	0.0,	1.2);
( -162.6,	-35.4,	0.0,	1.2);	( -169.7,	-28.3,	0.0,	1.2);
( -35.4,	-176.8,	0.0,	1.2);	( -42.4,	-169.7,	0.0,	1.2);
( -49.5,	-162.6,	0.0,	1.2);	( -56.6,	-155.6,	0.0,	1.2);
( -63.6,	-148.5,	0.0,	1.2);	( -70.7,	-141.4,	0.0,	1.2);
( -77.8,	-134.4,	0.0,	1.2);	( -84.8,	-127.3,	0.0,	1.2);
( -88.4,	-123.7,	0.0,	1.2);	( -91.9,	-120.2,	0.0,	1.2);
( -94.1,	-118.1,	0.0,	1.2);	( -95.5,	-116.7,	0.0,	1.2);
( -96.9,	-115.3,	0.0,	1.2);	( -98.3,	-113.8,	0.0,	1.2);
( -99.7,	-112.4,	0.0,	1.2);	( -112.4,	-99.7,	0.0,	1.2);
( -113.8,	-98.3,	0.0,	1.2);	( -115.3,	-96.9,	0.0,	1.2);
( -116.7,	-95.5,	0.0,	1.2);	( -118.1,	-94.1,	0.0,	1.2);
( -120.2,	-91.9,	0.0,	1.2);	( -123.7,	-88.4,	0.0,	1.2);
( -127.3,	-84.8,	0.0,	1.2);	( -134.4,	-77.8,	0.0,	1.2);
( -141.4,	-70.7,	0.0,	1.2);	( -148.5,	-63.6,	0.0,	1.2);
( -155.6,	-56.6,	0.0,	1.2);	( -162.6,	-49.5,	0.0,	1.2);
( -169.7,	-42.4,	0.0,	1.2);	( -176.8,	-35.4,	0.0,	1.2);
( -42.4,	-183.9,	0.0,	1.2);	( -49.5,	-176.8,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6, -169.7, 0.0, 1.2);	( -63.6, -162.6, 0.0, 1.2);
( -70.7, -155.6, 0.0, 1.2);	( -77.8, -148.5, 0.0, 1.2);
( -84.8, -141.4, 0.0, 1.2);	( -91.9, -134.4, 0.0, 1.2);
( -95.5, -130.8, 0.0, 1.2);	( -99.0, -127.3, 0.0, 1.2);
( -101.1, -125.2, 0.0, 1.2);	( -102.5, -123.7, 0.0, 1.2);
( -103.9, -122.3, 0.0, 1.2);	( -105.4, -120.9, 0.0, 1.2);
( -106.8, -119.5, 0.0, 1.2);	( -119.5, -106.8, 0.0, 1.2);
( -120.9, -105.4, 0.0, 1.2);	( -122.3, -103.9, 0.0, 1.2);
( -123.7, -102.5, 0.0, 1.2);	( -125.2, -101.1, 0.0, 1.2);
( -127.3, -99.0, 0.0, 1.2);	( -130.8, -95.5, 0.0, 1.2);
( -134.4, -91.9, 0.0, 1.2);	( -141.4, -84.8, 0.0, 1.2);
( -148.5, -77.8, 0.0, 1.2);	( -155.6, -70.7, 0.0, 1.2);
( -162.6, -63.6, 0.0, 1.2);	( -169.7, -56.6, 0.0, 1.2);
( -176.8, -49.5, 0.0, 1.2);	( -183.9, -42.4, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -49.5, -190.9, 0.0, 1.2);	( -56.6, -183.9, 0.0, 1.2);
( -63.6, -176.8, 0.0, 1.2);	( -70.7, -169.7, 0.0, 1.2);
( -77.8, -162.6, 0.0, 1.2);	( -84.8, -155.6, 0.0, 1.2);
( -91.9, -148.5, 0.0, 1.2);	( -99.0, -141.4, 0.0, 1.2);
( -102.5, -137.9, 0.0, 1.2);	( -106.1, -134.4, 0.0, 1.2);
( -108.2, -132.2, 0.0, 1.2);	( -109.6, -130.8, 0.0, 1.2);
( -111.0, -129.4, 0.0, 1.2);	( -112.4, -128.0, 0.0, 1.2);
( -113.8, -126.6, 0.0, 1.2);	( -126.6, -113.8, 0.0, 1.2);
( -128.0, -112.4, 0.0, 1.2);	( -129.4, -111.0, 0.0, 1.2);
( -130.8, -109.6, 0.0, 1.2);	( -132.2, -108.2, 0.0, 1.2);
( -134.4, -106.1, 0.0, 1.2);	( -137.9, -102.5, 0.0, 1.2);
( -141.4, -99.0, 0.0, 1.2);	( -148.5, -91.9, 0.0, 1.2);
( -155.6, -84.8, 0.0, 1.2);	( -162.6, -77.8, 0.0, 1.2);
( -169.7, -70.7, 0.0, 1.2);	( -176.8, -63.6, 0.0, 1.2);
( -183.9, -56.6, 0.0, 1.2);	( -190.9, -49.5, 0.0, 1.2);
( -56.6, -198.0, 0.0, 1.2);	( -63.6, -190.9, 0.0, 1.2);
( -70.7, -183.9, 0.0, 1.2);	( -77.8, -176.8, 0.0, 1.2);
( -84.8, -169.7, 0.0, 1.2);	( -91.9, -162.6, 0.0, 1.2);
( -99.0, -155.6, 0.0, 1.2);	( -106.1, -148.5, 0.0, 1.2);
( -109.6, -145.0, 0.0, 1.2);	( -113.1, -141.4, 0.0, 1.2);
( -115.3, -139.3, 0.0, 1.2);	( -116.7, -137.9, 0.0, 1.2);
( -118.1, -136.5, 0.0, 1.2);	( -119.5, -135.1, 0.0, 1.2);
( -120.9, -133.6, 0.0, 1.2);	( -133.6, -120.9, 0.0, 1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -135.1,	-119.5,	0.0,	1.2);	( -136.5,	-118.1,	0.0,	1.2);
( -137.9,	-116.7,	0.0,	1.2);	( -139.3,	-115.3,	0.0,	1.2);
( -141.4,	-113.1,	0.0,	1.2);	( -145.0,	-109.6,	0.0,	1.2);
( -148.5,	-106.1,	0.0,	1.2);	( -155.6,	-99.0,	0.0,	1.2);
( -162.6,	-91.9,	0.0,	1.2);	( -169.7,	-84.8,	0.0,	1.2);
( -176.8,	-77.8,	0.0,	1.2);	( -183.9,	-70.7,	0.0,	1.2);
( -190.9,	-63.6,	0.0,	1.2);	( -198.0,	-56.6,	0.0,	1.2);
( -63.6,	-205.1,	0.0,	1.2);	( -70.7,	-198.0,	0.0,	1.2);
( -77.8,	-190.9,	0.0,	1.2);	( -84.8,	-183.9,	0.0,	1.2);
( -91.9,	-176.8,	0.0,	1.2);	( -99.0,	-169.7,	0.0,	1.2);
( -106.1,	-162.6,	0.0,	1.2);	( -113.1,	-155.6,	0.0,	1.2);
( -116.7,	-152.0,	0.0,	1.2);	( -120.2,	-148.5,	0.0,	1.2);
( -122.3,	-146.4,	0.0,	1.2);	( -123.7,	-145.0,	0.0,	1.2);
( -125.2,	-143.5,	0.0,	1.2);	( -126.6,	-142.1,	0.0,	1.2);
( -128.0,	-140.7,	0.0,	1.2);	( -140.7,	-128.0,	0.0,	1.2);
( -142.1,	-126.6,	0.0,	1.2);	( -143.5,	-125.2,	0.0,	1.2);
( -145.0,	-123.7,	0.0,	1.2);	( -146.4,	-122.3,	0.0,	1.2);
( -148.5,	-120.2,	0.0,	1.2);	( -152.0,	-116.7,	0.0,	1.2);
( -155.6,	-113.1,	0.0,	1.2);	( -162.6,	-106.1,	0.0,	1.2);
( -169.7,	-99.0,	0.0,	1.2);	( -176.8,	-91.9,	0.0,	1.2);
( -183.9,	-84.8,	0.0,	1.2);	( -190.9,	-77.8,	0.0,	1.2);
( -198.0,	-70.7,	0.0,	1.2);	( -205.1,	-63.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -70.7,	-212.1,	0.0,	1.2);	( -77.8,	-205.1,	0.0,	1.2);
( -84.8,	-198.0,	0.0,	1.2);	( -91.9,	-190.9,	0.0,	1.2);
( -99.0,	-183.9,	0.0,	1.2);	( -106.1,	-176.8,	0.0,	1.2);
( -113.1,	-169.7,	0.0,	1.2);	( -120.2,	-162.6,	0.0,	1.2);
( -123.7,	-159.1,	0.0,	1.2);	( -127.3,	-155.6,	0.0,	1.2);
( -129.4,	-153.4,	0.0,	1.2);	( -130.8,	-152.0,	0.0,	1.2);
( -132.2,	-150.6,	0.0,	1.2);	( -133.6,	-149.2,	0.0,	1.2);
( -135.1,	-147.8,	0.0,	1.2);	( -147.8,	-135.1,	0.0,	1.2);
( -149.2,	-133.6,	0.0,	1.2);	( -150.6,	-132.2,	0.0,	1.2);
( -152.0,	-130.8,	0.0,	1.2);	( -153.4,	-129.4,	0.0,	1.2);
( -155.6,	-127.3,	0.0,	1.2);	( -159.1,	-123.7,	0.0,	1.2);
( -162.6,	-120.2,	0.0,	1.2);	( -169.7,	-113.1,	0.0,	1.2);
( -176.8,	-106.1,	0.0,	1.2);	( -183.9,	-99.0,	0.0,	1.2);
( -190.9,	-91.9,	0.0,	1.2);	( -198.0,	-84.8,	0.0,	1.2);
( -205.1,	-77.8,	0.0,	1.2);	( -212.1,	-70.7,	0.0,	1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -77.8, -219.2, 0.0, 1.2);	( -84.8, -212.1, 0.0, 1.2);
( -91.9, -205.1, 0.0, 1.2);	( -99.0, -198.0, 0.0, 1.2);
( -106.1, -190.9, 0.0, 1.2);	( -113.1, -183.9, 0.0, 1.2);
( -120.2, -176.8, 0.0, 1.2);	( -127.3, -169.7, 0.0, 1.2);
( -130.8, -166.2, 0.0, 1.2);	( -134.4, -162.6, 0.0, 1.2);
( -136.5, -160.5, 0.0, 1.2);	( -137.9, -159.1, 0.0, 1.2);
( -139.3, -157.7, 0.0, 1.2);	( -140.7, -156.3, 0.0, 1.2);
( -142.1, -154.9, 0.0, 1.2);	( -154.9, -142.1, 0.0, 1.2);
( -156.3, -140.7, 0.0, 1.2);	( -157.7, -139.3, 0.0, 1.2);
( -159.1, -137.9, 0.0, 1.2);	( -160.5, -136.5, 0.0, 1.2);
( -162.6, -134.4, 0.0, 1.2);	( -166.2, -130.8, 0.0, 1.2);
( -169.7, -127.3, 0.0, 1.2);	( -176.8, -120.2, 0.0, 1.2);
( -183.9, -113.1, 0.0, 1.2);	( -190.9, -106.1, 0.0, 1.2);
( -198.0, -99.0, 0.0, 1.2);	( -205.1, -91.9, 0.0, 1.2);
( -212.1, -84.8, 0.0, 1.2);	( -219.2, -77.8, 0.0, 1.2);
( -84.8, -226.3, 0.0, 1.2);	( -91.9, -219.2, 0.0, 1.2);
( -99.0, -212.1, 0.0, 1.2);	( -106.1, -205.1, 0.0, 1.2);
( -113.1, -198.0, 0.0, 1.2);	( -120.2, -190.9, 0.0, 1.2);
( -127.3, -183.9, 0.0, 1.2);	( -134.4, -176.8, 0.0, 1.2);
( -137.9, -173.2, 0.0, 1.2);	( -141.4, -169.7, 0.0, 1.2);
( -143.5, -167.6, 0.0, 1.2);	( -145.0, -166.2, 0.0, 1.2);
( -146.4, -164.8, 0.0, 1.2);	( -147.8, -163.3, 0.0, 1.2);
( -149.2, -161.9, 0.0, 1.2);	( -161.9, -149.2, 0.0, 1.2);
( -163.3, -147.8, 0.0, 1.2);	( -164.8, -146.4, 0.0, 1.2);
( -166.2, -145.0, 0.0, 1.2);	( -167.6, -143.5, 0.0, 1.2);
( -169.7, -141.4, 0.0, 1.2);	( -173.2, -137.9, 0.0, 1.2);
( -176.8, -134.4, 0.0, 1.2);	( -183.9, -127.3, 0.0, 1.2);
( -190.9, -120.2, 0.0, 1.2);	( -198.0, -113.1, 0.0, 1.2);
( -205.1, -106.1, 0.0, 1.2);	( -212.1, -99.0, 0.0, 1.2);
( -219.2, -91.9, 0.0, 1.2);	( -226.3, -84.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -91.9, -233.4, 0.0, 1.2);	( -99.0, -226.3, 0.0, 1.2);
( -106.1, -219.2, 0.0, 1.2);	( -113.1, -212.1, 0.0, 1.2);
( -120.2, -205.1, 0.0, 1.2);	( -127.3, -198.0, 0.0, 1.2);
( -134.4, -190.9, 0.0, 1.2);	( -141.4, -183.9, 0.0, 1.2);
( -145.0, -180.3, 0.0, 1.2);	( -148.5, -176.8, 0.0, 1.2);
( -150.6, -174.7, 0.0, 1.2);	( -152.0, -173.2, 0.0, 1.2);
( -153.4, -171.8, 0.0, 1.2);	( -154.9, -170.4, 0.0, 1.2);

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -156.3,	-169.0,	0.0,	1.2);	( -169.0,	-156.3,	0.0,	1.2);
( -170.4,	-154.9,	0.0,	1.2);	( -171.8,	-153.4,	0.0,	1.2);
( -173.2,	-152.0,	0.0,	1.2);	( -174.7,	-150.6,	0.0,	1.2);
( -176.8,	-148.5,	0.0,	1.2);	( -180.3,	-145.0,	0.0,	1.2);
( -183.9,	-141.4,	0.0,	1.2);	( -190.9,	-134.4,	0.0,	1.2);
( -198.0,	-127.3,	0.0,	1.2);	( -205.1,	-120.2,	0.0,	1.2);
( -212.1,	-113.1,	0.0,	1.2);	( -219.2,	-106.1,	0.0,	1.2);
( -226.3,	-99.0,	0.0,	1.2);	( -233.4,	-91.9,	0.0,	1.2);
( -99.0,	-240.4,	0.0,	1.2);	( -106.1,	-233.4,	0.0,	1.2);
( -113.1,	-226.3,	0.0,	1.2);	( -120.2,	-219.2,	0.0,	1.2);
( -127.3,	-212.1,	0.0,	1.2);	( -134.4,	-205.1,	0.0,	1.2);
( -141.4,	-198.0,	0.0,	1.2);	( -148.5,	-190.9,	0.0,	1.2);
( -152.0,	-187.4,	0.0,	1.2);	( -155.6,	-183.9,	0.0,	1.2);
( -157.7,	-181.7,	0.0,	1.2);	( -159.1,	-180.3,	0.0,	1.2);
( -160.5,	-178.9,	0.0,	1.2);	( -161.9,	-177.5,	0.0,	1.2);
( -163.3,	-176.1,	0.0,	1.2);	( -176.1,	-163.3,	0.0,	1.2);
( -177.5,	-161.9,	0.0,	1.2);	( -178.9,	-160.5,	0.0,	1.2);
( -180.3,	-159.1,	0.0,	1.2);	( -181.7,	-157.7,	0.0,	1.2);
( -183.9,	-155.6,	0.0,	1.2);	( -187.4,	-152.0,	0.0,	1.2);
( -190.9,	-148.5,	0.0,	1.2);	( -198.0,	-141.4,	0.0,	1.2);
( -205.1,	-134.4,	0.0,	1.2);	( -212.1,	-127.3,	0.0,	1.2);
( -219.2,	-120.2,	0.0,	1.2);	( -226.3,	-113.1,	0.0,	1.2);
( -233.4,	-106.1,	0.0,	1.2);	( -240.4,	-99.0,	0.0,	1.2);
( -106.1,	-247.5,	0.0,	1.2);	( -113.1,	-240.4,	0.0,	1.2);
( -120.2,	-233.4,	0.0,	1.2);	( -127.3,	-226.3,	0.0,	1.2);
( -134.4,	-219.2,	0.0,	1.2);	( -141.4,	-212.1,	0.0,	1.2);
( -148.5,	-205.1,	0.0,	1.2);	( -155.6,	-198.0,	0.0,	1.2);
( -159.1,	-194.4,	0.0,	1.2);	( -162.6,	-190.9,	0.0,	1.2);
( -164.8,	-188.8,	0.0,	1.2);	( -166.2,	-187.4,	0.0,	1.2);
( -167.6,	-186.0,	0.0,	1.2);	( -169.0,	-184.6,	0.0,	1.2);
( -170.4,	-183.1,	0.0,	1.2);	( -183.1,	-170.4,	0.0,	1.2);
( -184.6,	-169.0,	0.0,	1.2);	( -186.0,	-167.6,	0.0,	1.2);
( -187.4,	-166.2,	0.0,	1.2);	( -188.8,	-164.8,	0.0,	1.2);
( -190.9,	-162.6,	0.0,	1.2);	( -194.4,	-159.1,	0.0,	1.2);
( -198.0,	-155.6,	0.0,	1.2);	( -205.1,	-148.5,	0.0,	1.2);
( -212.1,	-141.4,	0.0,	1.2);	( -219.2,	-134.4,	0.0,	1.2);
( -226.3,	-127.3,	0.0,	1.2);	( -233.4,	-120.2,	0.0,	1.2);
( -240.4,	-113.1,	0.0,	1.2);	( -247.5,	-106.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00002	226.27	127.28	0.00002
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00002	219.20	120.21	0.00002





12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00002	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00002	169.71	127.28	0.00002
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00001
134.35	162.63	0.00001	130.81	166.17	0.00001
127.28	169.71	0.00001	120.21	176.78	0.00001
113.14	183.85	0.00001	106.07	190.92	0.00001
99.00	197.99	0.00001	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00002
159.10	123.74	0.00002	155.56	127.28	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00001	123.74	159.10	0.00001
120.21	162.63	0.00001	113.14	169.71	0.00001
106.07	176.78	0.00001	98.99	183.85	0.00001
91.92	190.92	0.00001	84.85	197.99	0.00001
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00001
113.14	155.56	0.00001	106.07	162.63	0.00001
98.99	169.71	0.00001	91.92	176.78	0.00001
84.85	183.85	0.00001	77.78	190.92	0.00001
70.71	197.99	0.00001	63.64	205.06	0.00001
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00002
119.50	135.06	0.00002	118.09	136.47	0.00002
116.67	137.89	0.00002	115.26	139.30	0.00002
113.14	141.42	0.00002	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00001
91.92	162.63	0.00001	84.85	169.71	0.00001
77.78	176.78	0.00001	70.71	183.85	0.00001
63.64	190.92	0.00001	56.57	197.99	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00002	183.85	56.57	0.00002
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00001	63.64	176.78	0.00001
56.57	183.85	0.00001	49.50	190.92	0.00001
183.85	42.43	0.00003	176.78	49.50	0.00003
169.71	56.57	0.00003	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00001
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00003	155.56	56.57	0.00003
148.49	63.64	0.00003	141.42	70.71	0.00003
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10  
\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00003
141.42	56.57	0.00003	134.35	63.64	0.00003
127.28	70.71	0.00003	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00003	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00003
120.21	63.64	0.00003	113.14	70.71	0.00003
109.60	74.25	0.00003	106.07	77.78	0.00003
103.94	79.90	0.00003	102.53	81.32	0.00003
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00003	148.49	21.21	0.00003
141.42	28.28	0.00003	134.35	35.36	0.00003



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00003
62.93	78.49	0.00003	61.52	79.90	0.00003
60.10	81.32	0.00003	58.69	82.73	0.00003
56.57	84.85	0.00003	53.03	88.39	0.00002
49.50	91.92	0.00002	42.43	98.99	0.00002
35.36	106.07	0.00002	28.28	113.14	0.00002
21.21	120.21	0.00002	14.14	127.28	0.00002
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00004	127.28	0.00	0.00004
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00004
91.92	35.36	0.00004	84.85	42.43	0.00004
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00002	21.21	106.07	0.00002
14.14	113.14	0.00002	7.07	120.21	0.00002
0.00	127.28	0.00002	-7.07	134.35	0.00002
127.28	-14.14	0.00005	120.21	-7.07	0.00004
113.14	0.00	0.00004	106.07	7.07	0.00004
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00004
74.25	38.89	0.00004	70.71	42.43	0.00004
68.59	44.55	0.00004	67.18	45.96	0.00004
65.76	47.38	0.00004	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00002
-7.07	120.21	0.00002	-14.14	127.28	0.00002
120.21	-21.21	0.00005	113.14	-14.14	0.00005
106.07	-7.07	0.00005	98.99	0.00	0.00005
91.92	7.07	0.00005	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00004	63.64	35.36	0.00004
61.52	37.48	0.00004	60.10	38.89	0.00004
58.69	40.31	0.00004	57.28	41.72	0.00004
55.86	43.13	0.00004	43.13	55.86	0.00003
41.72	57.28	0.00003	40.31	58.69	0.00003
38.89	60.10	0.00003	37.48	61.52	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00003	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00005	106.07	-21.21	0.00005
98.99	-14.14	0.00005	91.92	-7.07	0.00005
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00005	63.64	21.21	0.00005
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00004
34.65	50.20	0.00004	33.23	51.62	0.00004
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00003	-14.14	98.99	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00006	98.99	-28.28	0.00006
91.92	-21.21	0.00006	84.85	-14.14	0.00006
77.78	-7.07	0.00005	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00005
53.03	17.68	0.00005	49.50	21.21	0.00005
47.38	23.33	0.00005	45.96	24.75	0.00005
44.55	26.16	0.00005	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00003
0.00	70.71	0.00003	-7.07	77.78	0.00003
-14.14	84.85	0.00003	-21.21	91.92	0.00003
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00007	91.92	-35.36	0.00006
84.85	-28.28	0.00006	77.78	-21.21	0.00006
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00006	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00005	38.89	17.68	0.00005
37.48	19.09	0.00005	36.06	20.51	0.00005
34.65	21.92	0.00005	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00004
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00003	-28.28	84.85	0.00003
-35.36	91.92	0.00003	-42.43	98.99	0.00003
91.92	-49.50	0.00007	84.85	-42.43	0.00007
77.78	-35.36	0.00007	70.71	-28.28	0.00007
63.64	-21.21	0.00007	56.57	-14.14	0.00006



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00006
38.89	3.54	0.00006	35.36	7.07	0.00006
33.23	9.19	0.00006	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00005
13.44	28.99	0.00005	12.02	30.41	0.00005
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00004	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00004
84.85	-56.57	0.00008	77.78	-49.50	0.00008
70.71	-42.43	0.00008	63.64	-35.36	0.00007
56.57	-28.28	0.00007	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00007
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00006	24.75	3.54	0.00006
23.33	4.95	0.00006	21.92	6.36	0.00006
20.51	7.78	0.00006	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00005	2.12	26.16	0.00005
0.00	28.28	0.00005	-3.54	31.82	0.00005
-7.07	35.36	0.00005	-14.14	42.43	0.00004
-21.21	49.50	0.00004	-28.28	56.57	0.00004
-35.36	63.64	0.00004	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00010	70.71	-56.57	0.00009
63.64	-49.50	0.00009	56.57	-42.43	0.00008
49.50	-35.36	0.00008	42.43	-28.28	0.00008
35.36	-21.21	0.00008	28.28	-14.14	0.00007
24.75	-10.61	0.00007	21.21	-7.07	0.00007
19.09	-4.95	0.00007	17.68	-3.54	0.00007
16.26	-2.12	0.00007	14.85	-0.71	0.00007

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00006
-0.71	14.85	0.00006	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00005
-28.28	42.43	0.00005	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00005
-56.57	70.71	0.00005	-63.64	77.78	0.00004
70.71	-70.71	0.00011	63.64	-63.64	0.00010
56.57	-56.57	0.00010	49.50	-49.50	0.00009
42.43	-42.43	0.00009	35.36	-35.36	0.00009
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00008	14.14	-14.14	0.00008
12.02	-12.02	0.00008	10.61	-10.61	0.00008
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00006	-12.02	12.02	0.00006
-14.14	14.14	0.00006	-17.68	17.68	0.00006
-21.21	21.21	0.00006	-28.28	28.28	0.00005
-35.36	35.36	0.00005	-42.43	42.43	0.00005
-49.50	49.50	0.00005	-56.57	56.57	0.00005
-63.64	63.64	0.00005	-70.71	70.71	0.00005
63.64	-77.78	0.00013	56.57	-70.71	0.00012
49.50	-63.64	0.00011	42.43	-56.57	0.00011
35.36	-49.50	0.00010	28.28	-42.43	0.00010
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00009	7.07	-21.21	0.00009
4.95	-19.09	0.00009	3.54	-17.68	0.00008
2.12	-16.26	0.00008	0.71	-14.85	0.00008
-0.71	-13.44	0.00008	-13.44	-0.71	0.00007
-14.85	0.71	0.00007	-16.26	2.12	0.00007
-17.68	3.54	0.00007	-19.09	4.95	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00006	-24.75	10.61	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00006	-35.36	21.21	0.00006
-42.43	28.28	0.00006	-49.50	35.36	0.00006
-56.57	42.43	0.00006	-63.64	49.50	0.00006
-70.71	56.57	0.00005	-77.78	63.64	0.00005
56.57	-84.85	0.00015	49.50	-77.78	0.00014
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00012	21.21	-49.50	0.00011
14.14	-42.43	0.00011	7.07	-35.36	0.00011
3.54	-31.82	0.00010	0.00	-28.28	0.00010
-2.12	-26.16	0.00010	-3.54	-24.75	0.00010
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00008
-21.92	-6.36	0.00008	-23.33	-4.95	0.00008
-24.75	-3.54	0.00007	-26.16	-2.12	0.00007
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00007	-42.43	14.14	0.00007
-49.50	21.21	0.00006	-56.57	28.28	0.00006
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00006	-84.85	56.57	0.00005
49.50	-91.92	0.00018	42.43	-84.85	0.00017
35.36	-77.78	0.00016	28.28	-70.71	0.00015
21.21	-63.64	0.00014	14.14	-56.57	0.00013
7.07	-49.50	0.00013	0.00	-42.43	0.00012
-3.54	-38.89	0.00012	-7.07	-35.36	0.00011
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00011	-13.44	-28.99	0.00011
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00007
-56.57	14.14	0.00007	-63.64	21.21	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00007
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00021	35.36	-91.92	0.00020
28.28	-84.85	0.00019	21.21	-77.78	0.00018
14.14	-70.71	0.00017	7.07	-63.64	0.00016
0.00	-56.57	0.00015	-7.07	-49.50	0.00014
-10.61	-45.96	0.00014	-14.14	-42.43	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00013	-17.68	-38.89	0.00013
-19.09	-37.48	0.00013	-20.51	-36.06	0.00012
-21.92	-34.65	0.00012	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00009	-40.31	-16.26	0.00009
-42.43	-14.14	0.00009	-45.96	-10.61	0.00009
-49.50	-7.07	0.00009	-56.57	0.00	0.00009
-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00008	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00006
35.36	-106.07	0.00026	28.28	-98.99	0.00024
21.21	-91.92	0.00023	14.14	-84.85	0.00022
7.07	-77.78	0.00020	0.00	-70.71	0.00019
-7.07	-63.64	0.00017	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00016
-23.33	-47.38	0.00015	-24.75	-45.96	0.00015
-26.16	-44.55	0.00015	-27.58	-43.13	0.00014
-28.99	-41.72	0.00014	-41.72	-28.99	0.00011
-43.13	-27.58	0.00011	-44.55	-26.16	0.00011
-45.96	-24.75	0.00011	-47.38	-23.33	0.00011
-49.50	-21.21	0.00011	-53.03	-17.68	0.00010
-56.57	-14.14	0.00010	-63.64	-7.07	0.00010
-70.71	0.00	0.00010	-77.78	7.07	0.00009
-84.85	14.14	0.00009	-91.92	21.21	0.00008
-98.99	28.28	0.00007	-106.07	35.36	0.00007
28.28	-113.14	0.00032	21.21	-106.07	0.00030
14.14	-98.99	0.00029	7.07	-91.92	0.00027
0.00	-84.85	0.00025	-7.07	-77.78	0.00023
-14.14	-70.71	0.00021	-21.21	-63.64	0.00020
-24.75	-60.10	0.00019	-28.28	-56.57	0.00018
-30.41	-54.45	0.00018	-31.82	-53.03	0.00018
-33.23	-51.62	0.00017	-34.65	-50.20	0.00017
-36.06	-48.79	0.00017	-48.79	-36.06	0.00013
-50.20	-34.65	0.00013	-51.62	-33.23	0.00013
-53.03	-31.82	0.00013	-54.45	-30.41	0.00012
-56.57	-28.28	0.00012	-60.10	-24.75	0.00012
-63.64	-21.21	0.00012	-70.71	-14.14	0.00011
-77.78	-7.07	0.00011	-84.85	0.00	0.00011
-91.92	7.07	0.00010	-98.99	14.14	0.00009



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00046	-42.43	-84.85	0.00040
-45.96	-81.32	0.00037	-49.50	-77.78	0.00035
-51.62	-75.66	0.00034	-53.03	-74.25	0.00033
-54.45	-72.83	0.00032	-55.86	-71.42	0.00031
-57.28	-70.00	0.00031	-70.00	-57.28	0.00023
-71.42	-55.86	0.00022	-72.83	-54.45	0.00022
-74.25	-53.03	0.00022	-75.66	-51.62	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00021	-81.32	-45.96	0.00021
-84.85	-42.43	0.00020	-91.92	-35.36	0.00019
-98.99	-28.28	0.00017	-106.07	-21.21	0.00016
-113.14	-14.14	0.00014	-120.21	-7.07	0.00013
-127.28	0.00	0.00012	-134.35	7.07	0.00012
0.00	-141.42	0.00083	-7.07	-134.35	0.00084
-14.14	-127.28	0.00084	-21.21	-120.21	0.00082
-28.28	-113.14	0.00078	-35.36	-106.07	0.00073
-42.43	-98.99	0.00065	-49.50	-91.92	0.00056
-53.03	-88.39	0.00052	-56.57	-84.85	0.00047
-58.69	-82.73	0.00045	-60.10	-81.32	0.00044
-61.52	-79.90	0.00042	-62.93	-78.49	0.00041
-64.35	-77.07	0.00040	-77.07	-64.35	0.00029
-78.49	-62.93	0.00028	-79.90	-61.52	0.00027
-81.32	-60.10	0.00027	-82.73	-58.69	0.00027
-84.85	-56.57	0.00026	-88.39	-53.03	0.00026
-91.92	-49.50	0.00025	-98.99	-42.43	0.00022
-106.07	-35.36	0.00020	-113.14	-28.28	0.00019
-120.21	-21.21	0.00017	-127.28	-14.14	0.00016
-134.35	-7.07	0.00015	-141.42	0.00	0.00014
-7.07	-148.49	0.00104	-14.14	-141.42	0.00109
-21.21	-134.35	0.00113	-28.28	-127.28	0.00115
-35.36	-120.21	0.00114	-42.43	-113.14	0.00109
-49.50	-106.07	0.00100	-56.57	-98.99	0.00086
-60.10	-95.46	0.00078	-63.64	-91.92	0.00070
-65.76	-89.80	0.00065	-67.18	-88.39	0.00062
-68.59	-86.97	0.00059	-70.00	-85.56	0.00056

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00054	-84.15	-71.42	0.00037
-85.56	-70.00	0.00036	-86.97	-68.59	0.00035
-88.39	-67.18	0.00035	-89.80	-65.76	0.00034
-91.92	-63.64	0.00034	-95.46	-60.10	0.00032
-98.99	-56.57	0.00030	-106.07	-49.50	0.00028
-113.14	-42.43	0.00026	-120.21	-35.36	0.00024
-127.28	-28.28	0.00022	-134.35	-21.21	0.00020
-141.42	-14.14	0.00019	-148.49	-7.07	0.00017
-14.14	-155.56	0.00128	-21.21	-148.49	0.00137
-28.28	-141.42	0.00147	-35.36	-134.35	0.00156
-42.43	-127.28	0.00163	-49.50	-120.21	0.00166
-56.57	-113.14	0.00163	-63.64	-106.07	0.00148
-67.18	-102.53	0.00136	-70.71	-98.99	0.00120

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00110	-74.25	-95.46	0.00103
-75.66	-94.05	0.00095	-77.07	-92.63	0.00088
-78.49	-91.22	0.00082	-91.22	-78.49	0.00049
-92.63	-77.07	0.00048	-94.05	-75.66	0.00047
-95.46	-74.25	0.00046	-96.87	-72.83	0.00045
-98.99	-70.71	0.00044	-102.53	-67.18	0.00042
-106.07	-63.64	0.00041	-113.14	-56.57	0.00037
-120.21	-49.50	0.00034	-127.28	-42.43	0.00031
-134.35	-35.36	0.00028	-141.42	-28.28	0.00026
-148.49	-21.21	0.00024	-155.56	-14.14	0.00022
-21.21	-162.63	0.00153	-28.28	-155.56	0.00168
-35.36	-148.49	0.00184	-42.43	-141.42	0.00202
-49.50	-134.35	0.00221	-56.57	-127.28	0.00240
-63.64	-120.21	0.00256	-70.71	-113.14	0.00263
-74.25	-109.60	0.00260	-77.78	-106.07	0.00249
-79.90	-103.94	0.00236	-81.32	-102.53	0.00224
-82.73	-101.12	0.00210	-84.15	-99.70	0.00193
-85.56	-98.29	0.00172	-98.29	-85.56	0.00071
-99.70	-84.15	0.00070	-101.12	-82.73	0.00070
-102.53	-81.32	0.00069	-103.94	-79.90	0.00068
-106.07	-77.78	0.00067	-109.60	-74.25	0.00064

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00061	-120.21	-63.64	0.00055
-127.28	-56.57	0.00049	-134.35	-49.50	0.00043
-141.42	-42.43	0.00038	-148.49	-35.36	0.00034
-155.56	-28.28	0.00031	-162.63	-21.21	0.00028
-28.28	-169.71	0.00176	-35.36	-162.63	0.00197
-42.43	-155.56	0.00220	-49.50	-148.49	0.00247
-56.57	-141.42	0.00279	-63.64	-134.35	0.00314
-70.71	-127.28	0.00352	-77.78	-120.21	0.00389
-81.32	-116.67	0.00405	-84.85	-113.14	0.00415
-86.97	-111.02	0.00418	-88.39	-109.60	0.00418
-89.80	-108.19	0.00417	-91.22	-106.77	0.00416
-92.63	-105.36	0.00414	-105.36	-92.63	0.00146
-106.77	-91.22	0.00139	-108.19	-89.80	0.00134
-109.60	-88.39	0.00129	-111.02	-86.97	0.00125
-113.14	-84.85	0.00118	-116.67	-81.32	0.00109
-120.21	-77.78	0.00099	-127.28	-70.71	0.00083
-134.35	-63.64	0.00070	-141.42	-56.57	0.00059
-148.49	-49.50	0.00051	-155.56	-42.43	0.00045
-162.63	-35.36	0.00039	-169.71	-28.28	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00195	-42.43	-169.71	0.00220
-49.50	-162.63	0.00249	-56.57	-155.56	0.00283
-63.64	-148.49	0.00323	-70.71	-141.42	0.00368
-77.78	-134.35	0.00417	-84.85	-127.28	0.00461
-88.39	-123.74	0.00477	-91.92	-120.21	0.00485
-94.05	-118.09	0.00483	-95.46	-116.67	0.00480
-96.87	-115.26	0.00474	-98.29	-113.84	0.00467
-99.70	-112.43	0.00460	-112.43	-99.70	0.00183
-113.84	-98.29	0.00178	-115.26	-96.87	0.00173
-116.67	-95.46	0.00169	-118.09	-94.05	0.00164
-120.21	-91.92	0.00158	-123.74	-88.39	0.00146
-127.28	-84.85	0.00134	-134.35	-77.78	0.00111
-141.42	-70.71	0.00092	-148.49	-63.64	0.00077
-155.56	-56.57	0.00065	-162.63	-49.50	0.00056
-169.71	-42.43	0.00049	-176.78	-35.36	0.00042



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00208	-49.50	-176.78	0.00236
-56.57	-169.71	0.00269	-63.64	-162.63	0.00308
-70.71	-155.56	0.00352	-77.78	-148.49	0.00401
-84.85	-141.42	0.00451	-91.92	-134.35	0.00493
-95.46	-130.81	0.00506	-98.99	-127.28	0.00510
-101.12	-125.16	0.00507	-102.53	-123.74	0.00502
-103.94	-122.33	0.00494	-105.36	-120.92	0.00486
-106.77	-119.50	0.00479	-119.50	-106.77	0.00201
-120.92	-105.36	0.00196	-122.33	-103.94	0.00192
-123.74	-102.53	0.00189	-125.16	-101.12	0.00186
-127.28	-98.99	0.00180	-130.81	-95.46	0.00168
-134.35	-91.92	0.00155	-141.42	-84.85	0.00130
-148.49	-77.78	0.00109	-155.56	-70.71	0.00092
-162.63	-63.64	0.00078	-169.71	-56.57	0.00066
-176.78	-49.50	0.00057	-183.85	-42.43	0.00049
-49.50	-190.92	0.00214	-56.57	-183.85	0.00244
-63.64	-176.78	0.00279	-70.71	-169.71	0.00320
-77.78	-162.63	0.00366	-84.85	-155.56	0.00416
-91.92	-148.49	0.00466	-98.99	-141.42	0.00508
-102.53	-137.89	0.00520	-106.07	-134.35	0.00522
-108.19	-132.23	0.00518	-109.60	-130.81	0.00513
-111.02	-129.40	0.00507	-112.43	-127.99	0.00499
-113.84	-126.57	0.00491	-126.57	-113.84	0.00212
-127.99	-112.43	0.00207	-129.40	-111.02	0.00204
-130.81	-109.60	0.00201	-132.23	-108.19	0.00198

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00193	-137.89	-102.53	0.00182
-141.42	-98.99	0.00170	-148.49	-91.92	0.00144
-155.56	-84.85	0.00121	-162.63	-77.78	0.00103
-169.71	-70.71	0.00087	-176.78	-63.64	0.00074
-183.85	-56.57	0.00064	-190.92	-49.50	0.00055
-56.57	-197.99	0.00212	-63.64	-190.92	0.00243
-70.71	-183.85	0.00279	-77.78	-176.78	0.00320
-84.85	-169.71	0.00367	-91.92	-162.63	0.00418
-98.99	-155.56	0.00469	-106.07	-148.49	0.00511

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00524	-113.14	-141.42	0.00527
-115.26	-139.30	0.00524	-116.67	-137.89	0.00519
-118.09	-136.47	0.00513	-119.50	-135.06	0.00505
-120.92	-133.64	0.00496	-133.64	-120.92	0.00219
-135.06	-119.50	0.00214	-136.47	-118.09	0.00211
-137.89	-116.67	0.00208	-139.30	-115.26	0.00205
-141.42	-113.14	0.00200	-144.96	-109.60	0.00190
-148.49	-106.07	0.00178	-155.56	-98.99	0.00154
-162.63	-91.92	0.00130	-169.71	-84.85	0.00110
-176.78	-77.78	0.00094	-183.85	-70.71	0.00080
-190.92	-63.64	0.00069	-197.99	-56.57	0.00060
-63.64	-205.06	0.00203	-70.71	-197.99	0.00233
-77.78	-190.92	0.00267	-84.85	-183.85	0.00308
-91.92	-176.78	0.00355	-98.99	-169.71	0.00407
-106.07	-162.63	0.00460	-113.14	-155.56	0.00505
-116.67	-152.03	0.00520	-120.21	-148.49	0.00525
-122.33	-146.37	0.00523	-123.74	-144.96	0.00519
-125.16	-143.54	0.00512	-126.57	-142.13	0.00505
-127.99	-140.71	0.00496	-140.71	-127.99	0.00221
-142.13	-126.57	0.00217	-143.54	-125.16	0.00214
-144.96	-123.74	0.00212	-146.37	-122.33	0.00209
-148.49	-120.21	0.00204	-152.03	-116.67	0.00194
-155.56	-113.14	0.00183	-162.63	-106.07	0.00159
-169.71	-98.99	0.00136	-176.78	-91.92	0.00115
-183.85	-84.85	0.00098	-190.92	-77.78	0.00084
-197.99	-70.71	0.00072	-205.06	-63.64	0.00063
-70.71	-212.13	0.00188	-77.78	-205.06	0.00214
-84.85	-197.99	0.00246	-91.92	-190.92	0.00283
-98.99	-183.85	0.00327	-106.07	-176.78	0.00378
-113.14	-169.71	0.00432	-120.21	-162.63	0.00482
-123.74	-159.10	0.00500	-127.28	-155.56	0.00510

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00511	-130.81	-152.03	0.00508
-132.23	-150.61	0.00503	-133.64	-149.20	0.00496
-135.06	-147.79	0.00489	-147.79	-135.06	0.00220

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00216	-150.61	-132.23	0.00213
-152.03	-130.81	0.00210	-153.44	-129.40	0.00208
-155.56	-127.28	0.00203	-159.10	-123.74	0.00194
-162.63	-120.21	0.00184	-169.71	-113.14	0.00161
-176.78	-106.07	0.00138	-183.85	-98.99	0.00117
-190.92	-91.92	0.00100	-197.99	-84.85	0.00085
-205.06	-77.78	0.00074	-212.13	-70.71	0.00064
-77.78	-219.20	0.00168	-84.85	-212.13	0.00190
-91.92	-205.06	0.00216	-98.99	-197.99	0.00246
-106.07	-190.92	0.00283	-113.14	-183.85	0.00325
-120.21	-176.78	0.00374	-127.28	-169.71	0.00425
-130.81	-166.17	0.00449	-134.35	-162.63	0.00466
-136.47	-160.51	0.00472	-137.89	-159.10	0.00473
-139.30	-157.68	0.00472	-140.71	-156.27	0.00469
-142.13	-154.86	0.00466	-154.86	-142.13	0.00212
-156.27	-140.71	0.00208	-157.68	-139.30	0.00206
-159.10	-137.89	0.00204	-160.51	-136.47	0.00202
-162.63	-134.35	0.00198	-166.17	-130.81	0.00189
-169.71	-127.28	0.00178	-176.78	-120.21	0.00156
-183.85	-113.14	0.00134	-190.92	-106.07	0.00115
-197.99	-98.99	0.00098	-205.06	-91.92	0.00084
-212.13	-84.85	0.00073	-219.20	-77.78	0.00063
-84.85	-226.27	0.00145	-91.92	-219.20	0.00161
-98.99	-212.13	0.00180	-106.07	-205.06	0.00202
-113.14	-197.99	0.00227	-120.21	-190.92	0.00254
-127.28	-183.85	0.00284	-134.35	-176.78	0.00314
-137.89	-173.24	0.00328	-141.42	-169.71	0.00342
-143.54	-167.58	0.00350	-144.96	-166.17	0.00355
-146.37	-164.76	0.00362	-147.79	-163.34	0.00369
-149.20	-161.93	0.00379	-161.93	-149.20	0.00194
-163.34	-147.79	0.00190	-164.76	-146.37	0.00187
-166.17	-144.96	0.00185	-167.58	-143.54	0.00182
-169.71	-141.42	0.00178	-173.24	-137.89	0.00171
-176.78	-134.35	0.00161	-183.85	-127.28	0.00142
-190.92	-120.21	0.00124	-197.99	-113.14	0.00107
-205.06	-106.07	0.00092	-212.13	-98.99	0.00080
-219.20	-91.92	0.00069	-226.27	-84.85	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
-91.92	-233.35	0.00121		-98.99	-226.27	0.00132	
-106.07	-219.20	0.00144		-113.14	-212.13	0.00157	
-120.21	-205.06	0.00170		-127.28	-197.99	0.00181	
-134.35	-190.92	0.00190		-141.42	-183.85	0.00190	
-144.96	-180.31	0.00186		-148.49	-176.78	0.00177	
-150.61	-174.66	0.00169		-152.03	-173.24	0.00163	
-153.44	-171.83	0.00156		-154.86	-170.41	0.00149	
-156.27	-169.00	0.00141		-169.00	-156.27	0.00121	
-170.41	-154.86	0.00123		-171.83	-153.44	0.00125	
-173.24	-152.03	0.00127		-174.66	-150.61	0.00128	
-176.78	-148.49	0.00129		-180.31	-144.96	0.00129	
-183.85	-141.42	0.00126		-190.92	-134.35	0.00117	
-197.99	-127.28	0.00105		-205.06	-120.21	0.00093	
-212.13	-113.14	0.00082		-219.20	-106.07	0.00072	
-226.27	-98.99	0.00064		-233.35	-91.92	0.00056	
-98.99	-240.42	0.00099		-106.07	-233.35	0.00106	
-113.14	-226.27	0.00113		-120.21	-219.20	0.00119	
-127.28	-212.13	0.00124		-134.35	-205.06	0.00126	
-141.42	-197.99	0.00125		-148.49	-190.92	0.00119	
-152.03	-187.38	0.00114		-155.56	-183.85	0.00108	
-157.68	-181.73	0.00104		-159.10	-180.31	0.00102	
-160.51	-178.90	0.00100		-161.93	-177.48	0.00098	
-163.34	-176.07	0.00095		-176.07	-163.34	0.00084	
-177.48	-161.93	0.00086		-178.90	-160.51	0.00087	
-180.31	-159.10	0.00089		-181.73	-157.68	0.00090	
-183.85	-155.56	0.00092		-187.38	-152.03	0.00094	
-190.92	-148.49	0.00094		-197.99	-141.42	0.00090	
-205.06	-134.35	0.00085		-212.13	-127.28	0.00078	
-219.20	-120.21	0.00070		-226.27	-113.14	0.00063	
-233.35	-106.07	0.00057		-240.42	-98.99	0.00051	
-106.07	-247.49	0.00080		-113.14	-240.42	0.00084	
-120.21	-233.35	0.00087		-127.28	-226.27	0.00090	
-134.35	-219.20	0.00091		-141.42	-212.13	0.00090	
-148.49	-205.06	0.00088		-155.56	-197.99	0.00085	
-159.10	-194.45	0.00083		-162.63	-190.92	0.00081	
-164.76	-188.80	0.00080		-166.17	-187.38	0.00079	
-167.58	-185.97	0.00078		-169.00	-184.55	0.00077	
-170.41	-183.14	0.00075		-183.14	-170.41	0.00067	
-184.55	-169.00	0.00067		-185.97	-167.58	0.00068	
-187.38	-166.17	0.00068		-188.80	-164.76	0.00069	

04/20/08

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00070	-194.45	-159.10	0.00071
-197.99	-155.56	0.00072	-205.06	-148.49	0.00072
-212.13	-141.42	0.00068	-219.20	-134.35	0.00064
-226.27	-127.28	0.00059	-233.35	-120.21	0.00055
-240.42	-113.14	0.00050	-247.49	-106.07	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00003	240.42	113.14	0.00003
233.35	120.21	0.00003	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00001
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00003	219.20	120.21	0.00003
212.13	127.28	0.00003	205.06	134.35	0.00003
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00003
205.06	120.21	0.00003	197.99	127.28	0.00003
190.92	134.35	0.00003	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00003	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00003	176.78	134.35	0.00003
173.24	137.89	0.00003	169.71	141.42	0.00003
167.58	143.54	0.00003	166.17	144.96	0.00003
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00003	212.13	84.85	0.00003
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00003
166.17	130.81	0.00003	162.63	134.35	0.00003
160.51	136.47	0.00003	159.10	137.89	0.00003
157.68	139.30	0.00003	156.27	140.71	0.00003
154.86	142.13	0.00003	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00002
137.89	159.10	0.00002	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00003	190.92	91.92	0.00003
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00003
147.79	135.06	0.00003	135.06	147.79	0.00003
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00004	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00004
176.78	91.92	0.00004	169.71	98.99	0.00004
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00003
126.57	142.13	0.00003	125.16	143.54	0.00003
123.74	144.96	0.00003	122.33	146.37	0.00003
120.21	148.49	0.00003	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00004	190.92	63.64	0.00004
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00004
155.56	98.99	0.00004	148.49	106.07	0.00004
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00005	183.85	56.57	0.00004
176.78	63.64	0.00004	169.71	70.71	0.00004



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00004
137.89	102.53	0.00004	134.35	106.07	0.00004
132.23	108.19	0.00004	130.81	109.60	0.00004
129.40	111.02	0.00004	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00005	176.78	49.50	0.00005
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00004
125.16	101.12	0.00004	123.74	102.53	0.00004
122.33	103.94	0.00004	120.92	105.36	0.00004
119.50	106.77	0.00004	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00003	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00005	169.71	42.43	0.00005
162.63	49.50	0.00005	155.56	56.57	0.00005
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00005	127.28	84.85	0.00005
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00004
98.29	113.84	0.00004	96.87	115.26	0.00004
95.46	116.67	0.00003	94.05	118.09	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

12NCRA PL92-300 DPM\_TRAV ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00006	162.63	35.36	0.00006	
155.56	42.43	0.00006	148.49	49.50	0.00006	
141.42	56.57	0.00005	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00005	
116.67	81.32	0.00005	113.14	84.85	0.00005	
111.02	86.97	0.00005	109.60	88.39	0.00005	
108.19	89.80	0.00005	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00003	
63.64	134.35	0.00003	56.57	141.42	0.00003	
49.50	148.49	0.00003	42.43	155.56	0.00003	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00007	155.56	28.28	0.00006	
148.49	35.36	0.00006	141.42	42.43	0.00006	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00006	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00005	102.53	81.32	0.00005	
101.12	82.73	0.00005	99.70	84.15	0.00005	
98.29	85.56	0.00005	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00004	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00003	35.36	148.49	0.00003	
28.28	155.56	0.00003	21.21	162.63	0.00003	
155.56	14.14	0.00007	148.49	21.21	0.00007	
141.42	28.28	0.00007	134.35	35.36	0.00007	
127.28	42.43	0.00007	120.21	49.50	0.00006	
113.14	56.57	0.00006	106.07	63.64	0.00006	
102.53	67.18	0.00006	98.99	70.71	0.00006	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00006	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00005
77.07	92.63	0.00005	75.66	94.05	0.00005
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00004	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00004
148.49	7.07	0.00008	141.42	14.14	0.00008
134.35	21.21	0.00008	127.28	28.28	0.00007
120.21	35.36	0.00007	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00007
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00006	88.39	67.18	0.00006
86.97	68.59	0.00006	85.56	70.00	0.00006
84.15	71.42	0.00006	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00005	65.76	89.80	0.00005
63.64	91.92	0.00005	60.10	95.46	0.00005
56.57	98.99	0.00005	49.50	106.07	0.00004
42.43	113.14	0.00004	35.36	120.21	0.00004
28.28	127.28	0.00004	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00010	134.35	7.07	0.00009
127.28	14.14	0.00009	120.21	21.21	0.00008
113.14	28.28	0.00008	106.07	35.36	0.00008
98.99	42.43	0.00008	91.92	49.50	0.00007
88.39	53.03	0.00007	84.85	56.57	0.00007
82.73	58.69	0.00007	81.32	60.10	0.00007
79.90	61.52	0.00007	78.49	62.93	0.00007
77.07	64.35	0.00006	64.35	77.07	0.00006
62.93	78.49	0.00006	61.52	79.90	0.00005

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00005
35.36	106.07	0.00005	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00005
7.07	134.35	0.00005	0.00	141.42	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00011	127.28	0.00	0.00010
120.21	7.07	0.00010	113.14	14.14	0.00009
106.07	21.21	0.00009	98.99	28.28	0.00009
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00008	77.78	49.50	0.00008
75.66	51.62	0.00008	74.25	53.03	0.00008
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00006	51.62	75.66	0.00006
49.50	77.78	0.00006	45.96	81.32	0.00006
42.43	84.85	0.00006	35.36	91.92	0.00005
28.28	98.99	0.00005	21.21	106.07	0.00005
14.14	113.14	0.00005	7.07	120.21	0.00005
0.00	127.28	0.00005	-7.07	134.35	0.00005
127.28	-14.14	0.00013	120.21	-7.07	0.00012
113.14	0.00	0.00011	106.07	7.07	0.00011
98.99	14.14	0.00010	91.92	21.21	0.00010
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00009	70.71	42.43	0.00009
68.59	44.55	0.00009	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00008
62.93	50.20	0.00008	50.20	62.93	0.00007
48.79	64.35	0.00007	47.38	65.76	0.00007
45.96	67.18	0.00007	44.55	68.59	0.00007
42.43	70.71	0.00006	38.89	74.25	0.00006
35.36	77.78	0.00006	28.28	84.85	0.00006
21.21	91.92	0.00006	14.14	98.99	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00006	0.00	113.14	0.00006
-7.07	120.21	0.00005	-14.14	127.28	0.00005
120.21	-21.21	0.00015	113.14	-14.14	0.00014
106.07	-7.07	0.00013	98.99	0.00	0.00013
91.92	7.07	0.00012	84.85	14.14	0.00011
77.78	21.21	0.00011	70.71	28.28	0.00011
67.18	31.82	0.00010	63.64	35.36	0.00010
61.52	37.48	0.00010	60.10	38.89	0.00010
58.69	40.31	0.00009	57.28	41.72	0.00009
55.86	43.13	0.00009	43.13	55.86	0.00008
41.72	57.28	0.00008	40.31	58.69	0.00008
38.89	60.10	0.00007	37.48	61.52	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00007	31.82	67.18	0.00007
28.28	70.71	0.00007	21.21	77.78	0.00007
14.14	84.85	0.00006	7.07	91.92	0.00006
0.00	98.99	0.00006	-7.07	106.07	0.00006
-14.14	113.14	0.00006	-21.21	120.21	0.00005
113.14	-28.28	0.00018	106.07	-21.21	0.00017
98.99	-14.14	0.00016	91.92	-7.07	0.00015
84.85	0.00	0.00014	77.78	7.07	0.00013
70.71	14.14	0.00013	63.64	21.21	0.00012
60.10	24.75	0.00012	56.57	28.28	0.00011
54.45	30.41	0.00011	53.03	31.82	0.00011
51.62	33.23	0.00011	50.20	34.65	0.00011
48.79	36.06	0.00010	36.06	48.79	0.00009
34.65	50.20	0.00009	33.23	51.62	0.00008
31.82	53.03	0.00008	30.41	54.45	0.00008
28.28	56.57	0.00008	24.75	60.10	0.00008
21.21	63.64	0.00008	14.14	70.71	0.00007
7.07	77.78	0.00007	0.00	84.85	0.00007
-7.07	91.92	0.00007	-14.14	98.99	0.00007
-21.21	106.07	0.00006	-28.28	113.14	0.00006
106.07	-35.36	0.00021	98.99	-28.28	0.00020
91.92	-21.21	0.00019	84.85	-14.14	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00017	70.71	0.00	0.00016
63.64	7.07	0.00015	56.57	14.14	0.00014
53.03	17.68	0.00014	49.50	21.21	0.00013
47.38	23.33	0.00013	45.96	24.75	0.00013
44.55	26.16	0.00013	43.13	27.58	0.00012
41.72	28.99	0.00012	28.99	41.72	0.00010
27.58	43.13	0.00010	26.16	44.55	0.00010
24.75	45.96	0.00009	23.33	47.38	0.00009
21.21	49.50	0.00009	17.68	53.03	0.00009
14.14	56.57	0.00009	7.07	63.64	0.00009
0.00	70.71	0.00008	-7.07	77.78	0.00008
-14.14	84.85	0.00008	-21.21	91.92	0.00007
-28.28	98.99	0.00007	-35.36	106.07	0.00006
98.99	-42.43	0.00026	91.92	-35.36	0.00024
84.85	-28.28	0.00023	77.78	-21.21	0.00022
70.71	-14.14	0.00020	63.64	-7.07	0.00019
56.57	0.00	0.00017	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00015	38.89	17.68	0.00015
37.48	19.09	0.00015	36.06	20.51	0.00014
34.65	21.92	0.00014	21.92	34.65	0.00011
20.51	36.06	0.00011	19.09	37.48	0.00011
17.68	38.89	0.00011	16.26	40.31	0.00011
14.14	42.43	0.00011	10.61	45.96	0.00010
7.07	49.50	0.00010	0.00	56.57	0.00010
-7.07	63.64	0.00010	-14.14	70.71	0.00009
-21.21	77.78	0.00009	-28.28	84.85	0.00008
-35.36	91.92	0.00007	-42.43	98.99	0.00007
91.92	-49.50	0.00032	84.85	-42.43	0.00030
77.78	-35.36	0.00029	70.71	-28.28	0.00027
63.64	-21.21	0.00025	56.57	-14.14	0.00023
49.50	-7.07	0.00021	42.43	0.00	0.00020
38.89	3.54	0.00019	35.36	7.07	0.00018
33.23	9.19	0.00018	31.82	10.61	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00017	28.99	13.44	0.00017
27.58	14.85	0.00017	14.85	27.58	0.00013
13.44	28.99	0.00013	12.02	30.41	0.00013
10.61	31.82	0.00013	9.19	33.23	0.00012
7.07	35.36	0.00012	3.54	38.89	0.00012
0.00	42.43	0.00012	-7.07	49.50	0.00011
-14.14	56.57	0.00011	-21.21	63.64	0.00011
-28.28	70.71	0.00010	-35.36	77.78	0.00009
-42.43	84.85	0.00008	-49.50	91.92	0.00008
84.85	-56.57	0.00040	77.78	-49.50	0.00038
70.71	-42.43	0.00036	63.64	-35.36	0.00034
56.57	-28.28	0.00031	49.50	-21.21	0.00029
42.43	-14.14	0.00026	35.36	-7.07	0.00024
31.82	-3.54	0.00023	28.28	0.00	0.00022
26.16	2.12	0.00022	24.75	3.54	0.00021
23.33	4.95	0.00021	21.92	6.36	0.00020
20.51	7.78	0.00020	7.78	20.51	0.00016
6.36	21.92	0.00015	4.95	23.33	0.00015
3.54	24.75	0.00015	2.12	26.16	0.00015
0.00	28.28	0.00014	-3.54	31.82	0.00014
-7.07	35.36	0.00014	-14.14	42.43	0.00014
-21.21	49.50	0.00013	-28.28	56.57	0.00012
-35.36	63.64	0.00011	-42.43	70.71	0.00010
-49.50	77.78	0.00009	-56.57	84.85	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00050	70.71	-56.57	0.00049
63.64	-49.50	0.00047	56.57	-42.43	0.00044
49.50	-35.36	0.00041	42.43	-28.28	0.00038
35.36	-21.21	0.00034	28.28	-14.14	0.00030
24.75	-10.61	0.00029	21.21	-7.07	0.00028
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00026	14.85	-0.71	0.00025
13.44	0.71	0.00024	0.71	13.44	0.00019
-0.71	14.85	0.00018	-2.12	16.26	0.00018
-3.54	17.68	0.00018	-4.95	19.09	0.00018

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00017	-10.61	24.75	0.00017
-14.14	28.28	0.00017	-21.21	35.36	0.00016
-28.28	42.43	0.00015	-35.36	49.50	0.00013
-42.43	56.57	0.00012	-49.50	63.64	0.00011
-56.57	70.71	0.00011	-63.64	77.78	0.00010
70.71	-70.71	0.00065	63.64	-63.64	0.00064
56.57	-56.57	0.00062	49.50	-49.50	0.00059
42.43	-42.43	0.00056	35.36	-35.36	0.00051
28.28	-28.28	0.00046	21.21	-21.21	0.00040
17.68	-17.68	0.00037	14.14	-14.14	0.00035
12.02	-12.02	0.00034	10.61	-10.61	0.00033
9.19	-9.19	0.00032	7.78	-7.78	0.00031
6.36	-6.36	0.00031	-6.36	6.36	0.00023
-7.78	7.78	0.00022	-9.19	9.19	0.00022
-10.61	10.61	0.00022	-12.02	12.02	0.00021
-14.14	14.14	0.00021	-17.68	17.68	0.00021
-21.21	21.21	0.00020	-28.28	28.28	0.00019
-35.36	35.36	0.00017	-42.43	42.43	0.00016
-49.50	49.50	0.00014	-56.57	56.57	0.00013
-63.64	63.64	0.00012	-70.71	70.71	0.00012
63.64	-77.78	0.00083	56.57	-70.71	0.00084
49.50	-63.64	0.00084	42.43	-56.57	0.00082
35.36	-49.50	0.00078	28.28	-42.43	0.00073
21.21	-35.36	0.00065	14.14	-28.28	0.00056
10.61	-24.75	0.00052	7.07	-21.21	0.00047
4.95	-19.09	0.00045	3.54	-17.68	0.00044
2.12	-16.26	0.00042	0.71	-14.85	0.00041
-0.71	-13.44	0.00040	-13.44	-0.71	0.00029
-14.85	0.71	0.00028	-16.26	2.12	0.00027
-17.68	3.54	0.00027	-19.09	4.95	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00026	-24.75	10.61	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00022
-42.43	28.28	0.00020	-49.50	35.36	0.00019
-56.57	42.43	0.00017	-63.64	49.50	0.00016



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00015	-77.78	63.64	0.00014
56.57	-84.85	0.00104	49.50	-77.78	0.00109
42.43	-70.71	0.00113	35.36	-63.64	0.00115
28.28	-56.57	0.00114	21.21	-49.50	0.00109
14.14	-42.43	0.00100	7.07	-35.36	0.00086
3.54	-31.82	0.00078	0.00	-28.28	0.00070
-2.12	-26.16	0.00065	-3.54	-24.75	0.00062
-4.95	-23.33	0.00059	-6.36	-21.92	0.00056
-7.78	-20.51	0.00054	-20.51	-7.78	0.00037
-21.92	-6.36	0.00036	-23.33	-4.95	0.00035
-24.75	-3.54	0.00035	-26.16	-2.12	0.00034
-28.28	0.00	0.00034	-31.82	3.54	0.00032
-35.36	7.07	0.00030	-42.43	14.14	0.00028
-49.50	21.21	0.00026	-56.57	28.28	0.00024
-63.64	35.36	0.00022	-70.71	42.43	0.00020
-77.78	49.50	0.00019	-84.85	56.57	0.00017
49.50	-91.92	0.00128	42.43	-84.85	0.00137
35.36	-77.78	0.00147	28.28	-70.71	0.00156
21.21	-63.64	0.00163	14.14	-56.57	0.00166
7.07	-49.50	0.00163	0.00	-42.43	0.00148
-3.54	-38.89	0.00136	-7.07	-35.36	0.00120
-9.19	-33.23	0.00110	-10.61	-31.82	0.00103
-12.02	-30.41	0.00095	-13.44	-28.99	0.00088
-14.85	-27.58	0.00082	-27.58	-14.85	0.00049
-28.99	-13.44	0.00048	-30.41	-12.02	0.00047
-31.82	-10.61	0.00046	-33.23	-9.19	0.00045
-35.36	-7.07	0.00044	-38.89	-3.54	0.00042
-42.43	0.00	0.00041	-49.50	7.07	0.00037
-56.57	14.14	0.00034	-63.64	21.21	0.00031
-70.71	28.28	0.00028	-77.78	35.36	0.00026
-84.85	42.43	0.00024	-91.92	49.50	0.00022
42.43	-98.99	0.00153	35.36	-91.92	0.00168
28.28	-84.85	0.00184	21.21	-77.78	0.00202
14.14	-70.71	0.00221	7.07	-63.64	0.00240
0.00	-56.57	0.00256	-7.07	-49.50	0.00263
-10.61	-45.96	0.00260	-14.14	-42.43	0.00249

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00236	-17.68	-38.89	0.00224
-19.09	-37.48	0.00210	-20.51	-36.06	0.00193
-21.92	-34.65	0.00172	-34.65	-21.92	0.00071
-36.06	-20.51	0.00070	-37.48	-19.09	0.00070
-38.89	-17.68	0.00069	-40.31	-16.26	0.00068
-42.43	-14.14	0.00067	-45.96	-10.61	0.00064
-49.50	-7.07	0.00061	-56.57	0.00	0.00055
-63.64	7.07	0.00049	-70.71	14.14	0.00043
-77.78	21.21	0.00038	-84.85	28.28	0.00034
-91.92	35.36	0.00031	-98.99	42.43	0.00028
35.36	-106.07	0.00176	28.28	-98.99	0.00197
21.21	-91.92	0.00220	14.14	-84.85	0.00247
7.07	-77.78	0.00279	0.00	-70.71	0.00314
-7.07	-63.64	0.00352	-14.14	-56.57	0.00389
-17.68	-53.03	0.00405	-21.21	-49.50	0.00415
-23.33	-47.38	0.00418	-24.75	-45.96	0.00418
-26.16	-44.55	0.00417	-27.58	-43.13	0.00416
-28.99	-41.72	0.00414	-41.72	-28.99	0.00146
-43.13	-27.58	0.00139	-44.55	-26.16	0.00134
-45.96	-24.75	0.00129	-47.38	-23.33	0.00125
-49.50	-21.21	0.00118	-53.03	-17.68	0.00109
-56.57	-14.14	0.00099	-63.64	-7.07	0.00083
-70.71	0.00	0.00070	-77.78	7.07	0.00059
-84.85	14.14	0.00051	-91.92	21.21	0.00045
-98.99	28.28	0.00039	-106.07	35.36	0.00035
28.28	-113.14	0.00195	21.21	-106.07	0.00220
14.14	-98.99	0.00249	7.07	-91.92	0.00283
0.00	-84.85	0.00323	-7.07	-77.78	0.00368
-14.14	-70.71	0.00417	-21.21	-63.64	0.00461
-24.75	-60.10	0.00477	-28.28	-56.57	0.00485
-30.41	-54.45	0.00483	-31.82	-53.03	0.00480
-33.23	-51.62	0.00474	-34.65	-50.20	0.00467
-36.06	-48.79	0.00460	-48.79	-36.06	0.00183
-50.20	-34.65	0.00178	-51.62	-33.23	0.00173
-53.03	-31.82	0.00169	-54.45	-30.41	0.00164
-56.57	-28.28	0.00158	-60.10	-24.75	0.00146
-63.64	-21.21	0.00134	-70.71	-14.14	0.00111
-77.78	-7.07	0.00092	-84.85	0.00	0.00077
-91.92	7.07	0.00065	-98.99	14.14	0.00056
-106.07	21.21	0.00049	-113.14	28.28	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00208	14.14	-113.14	0.00236
7.07	-106.07	0.00269	0.00	-98.99	0.00308
-7.07	-91.92	0.00352	-14.14	-84.85	0.00401
-21.21	-77.78	0.00451	-28.28	-70.71	0.00493
-31.82	-67.18	0.00506	-35.36	-63.64	0.00510
-37.48	-61.52	0.00507	-38.89	-60.10	0.00502
-40.31	-58.69	0.00494	-41.72	-57.28	0.00486
-43.13	-55.86	0.00479	-55.86	-43.13	0.00201
-57.28	-41.72	0.00196	-58.69	-40.31	0.00192
-60.10	-38.89	0.00189	-61.52	-37.48	0.00186
-63.64	-35.36	0.00180	-67.18	-31.82	0.00168
-70.71	-28.28	0.00155	-77.78	-21.21	0.00130
-84.85	-14.14	0.00109	-91.92	-7.07	0.00092
-98.99	0.00	0.00078	-106.07	7.07	0.00066
-113.14	14.14	0.00057	-120.21	21.21	0.00049
14.14	-127.28	0.00214	7.07	-120.21	0.00244
0.00	-113.14	0.00279	-7.07	-106.07	0.00320
-14.14	-98.99	0.00366	-21.21	-91.92	0.00416
-28.28	-84.85	0.00466	-35.36	-77.78	0.00508
-38.89	-74.25	0.00520	-42.43	-70.71	0.00522
-44.55	-68.59	0.00518	-45.96	-67.18	0.00513
-47.38	-65.76	0.00507	-48.79	-64.35	0.00499
-50.20	-62.93	0.00491	-62.93	-50.20	0.00212
-64.35	-48.79	0.00207	-65.76	-47.38	0.00204
-67.18	-45.96	0.00201	-68.59	-44.55	0.00198
-70.71	-42.43	0.00193	-74.25	-38.89	0.00182
-77.78	-35.36	0.00170	-84.85	-28.28	0.00144
-91.92	-21.21	0.00121	-98.99	-14.14	0.00103
-106.07	-7.07	0.00087	-113.14	0.00	0.00074
-120.21	7.07	0.00064	-127.28	14.14	0.00055
7.07	-134.35	0.00212	0.00	-127.28	0.00243
-7.07	-120.21	0.00279	-14.14	-113.14	0.00320
-21.21	-106.07	0.00367	-28.28	-98.99	0.00418
-35.36	-91.92	0.00469	-42.43	-84.85	0.00511
-45.96	-81.32	0.00524	-49.50	-77.78	0.00527
-51.62	-75.66	0.00524	-53.03	-74.25	0.00519

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00513	-55.86	-71.42	0.00505
-57.28	-70.00	0.00496	-70.00	-57.28	0.00219
-71.42	-55.86	0.00214	-72.83	-54.45	0.00211
-74.25	-53.03	0.00208	-75.66	-51.62	0.00205

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00200	-81.32	-45.96	0.00190
-84.85	-42.43	0.00178	-91.92	-35.36	0.00154
-98.99	-28.28	0.00130	-106.07	-21.21	0.00110
-113.14	-14.14	0.00094	-120.21	-7.07	0.00080
-127.28	0.00	0.00069	-134.35	7.07	0.00060
0.00	-141.42	0.00203	-7.07	-134.35	0.00233
-14.14	-127.28	0.00267	-21.21	-120.21	0.00308
-28.28	-113.14	0.00355	-35.36	-106.07	0.00407
-42.43	-98.99	0.00460	-49.50	-91.92	0.00505
-53.03	-88.39	0.00520	-56.57	-84.85	0.00525
-58.69	-82.73	0.00523	-60.10	-81.32	0.00519
-61.52	-79.90	0.00512	-62.93	-78.49	0.00505
-64.35	-77.07	0.00496	-77.07	-64.35	0.00221
-78.49	-62.93	0.00217	-79.90	-61.52	0.00214
-81.32	-60.10	0.00212	-82.73	-58.69	0.00209
-84.85	-56.57	0.00204	-88.39	-53.03	0.00194
-91.92	-49.50	0.00183	-98.99	-42.43	0.00159
-106.07	-35.36	0.00136	-113.14	-28.28	0.00115
-120.21	-21.21	0.00098	-127.28	-14.14	0.00084
-134.35	-7.07	0.00072	-141.42	0.00	0.00063
-7.07	-148.49	0.00188	-14.14	-141.42	0.00214
-21.21	-134.35	0.00246	-28.28	-127.28	0.00283
-35.36	-120.21	0.00327	-42.43	-113.14	0.00378
-49.50	-106.07	0.00432	-56.57	-98.99	0.00482
-60.10	-95.46	0.00500	-63.64	-91.92	0.00510
-65.76	-89.80	0.00511	-67.18	-88.39	0.00508
-68.59	-86.97	0.00503	-70.00	-85.56	0.00496
-71.42	-84.15	0.00489	-84.15	-71.42	0.00220
-85.56	-70.00	0.00216	-86.97	-68.59	0.00213
-88.39	-67.18	0.00210	-89.80	-65.76	0.00208

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00203	-95.46	-60.10	0.00194
-98.99	-56.57	0.00184	-106.07	-49.50	0.00161
-113.14	-42.43	0.00138	-120.21	-35.36	0.00117
-127.28	-28.28	0.00100	-134.35	-21.21	0.00085
-141.42	-14.14	0.00074	-148.49	-7.07	0.00064
-14.14	-155.56	0.00168	-21.21	-148.49	0.00190
-28.28	-141.42	0.00216	-35.36	-134.35	0.00246
-42.43	-127.28	0.00283	-49.50	-120.21	0.00325
-56.57	-113.14	0.00374	-63.64	-106.07	0.00425
-67.18	-102.53	0.00449	-70.71	-98.99	0.00466

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00472	-74.25	-95.46	0.00473
-75.66	-94.05	0.00472	-77.07	-92.63	0.00469
-78.49	-91.22	0.00466	-91.22	-78.49	0.00212
-92.63	-77.07	0.00208	-94.05	-75.66	0.00206
-95.46	-74.25	0.00204	-96.87	-72.83	0.00202
-98.99	-70.71	0.00198	-102.53	-67.18	0.00189
-106.07	-63.64	0.00178	-113.14	-56.57	0.00156
-120.21	-49.50	0.00134	-127.28	-42.43	0.00115
-134.35	-35.36	0.00098	-141.42	-28.28	0.00084
-148.49	-21.21	0.00073	-155.56	-14.14	0.00063
-21.21	-162.63	0.00145	-28.28	-155.56	0.00161
-35.36	-148.49	0.00180	-42.43	-141.42	0.00202
-49.50	-134.35	0.00227	-56.57	-127.28	0.00254
-63.64	-120.21	0.00284	-70.71	-113.14	0.00314
-74.25	-109.60	0.00328	-77.78	-106.07	0.00342
-79.90	-103.94	0.00350	-81.32	-102.53	0.00355
-82.73	-101.12	0.00362	-84.15	-99.70	0.00369
-85.56	-98.29	0.00379	-98.29	-85.56	0.00194
-99.70	-84.15	0.00190	-101.12	-82.73	0.00187
-102.53	-81.32	0.00185	-103.94	-79.90	0.00182
-106.07	-77.78	0.00178	-109.60	-74.25	0.00171
-113.14	-70.71	0.00161	-120.21	-63.64	0.00142
-127.28	-56.57	0.00124	-134.35	-49.50	0.00107
-141.42	-42.43	0.00092	-148.49	-35.36	0.00080

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00069	-162.63	-21.21	0.00061
-28.28	-169.71	0.00121	-35.36	-162.63	0.00132
-42.43	-155.56	0.00144	-49.50	-148.49	0.00157
-56.57	-141.42	0.00170	-63.64	-134.35	0.00181
-70.71	-127.28	0.00190	-77.78	-120.21	0.00190
-81.32	-116.67	0.00186	-84.85	-113.14	0.00177
-86.97	-111.02	0.00169	-88.39	-109.60	0.00163
-89.80	-108.19	0.00156	-91.22	-106.77	0.00149
-92.63	-105.36	0.00141	-105.36	-92.63	0.00121
-106.77	-91.22	0.00123	-108.19	-89.80	0.00125
-109.60	-88.39	0.00127	-111.02	-86.97	0.00128
-113.14	-84.85	0.00129	-116.67	-81.32	0.00129
-120.21	-77.78	0.00126	-127.28	-70.71	0.00117
-134.35	-63.64	0.00105	-141.42	-56.57	0.00093
-148.49	-49.50	0.00082	-155.56	-42.43	0.00072
-162.63	-35.36	0.00064	-169.71	-28.28	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00099	-42.43	-169.71	0.00106
-49.50	-162.63	0.00113	-56.57	-155.56	0.00119
-63.64	-148.49	0.00124	-70.71	-141.42	0.00126
-77.78	-134.35	0.00125	-84.85	-127.28	0.00119
-88.39	-123.74	0.00114	-91.92	-120.21	0.00108
-94.05	-118.09	0.00104	-95.46	-116.67	0.00102
-96.87	-115.26	0.00100	-98.29	-113.84	0.00098
-99.70	-112.43	0.00095	-112.43	-99.70	0.00084
-113.84	-98.29	0.00086	-115.26	-96.87	0.00087
-116.67	-95.46	0.00089	-118.09	-94.05	0.00090
-120.21	-91.92	0.00092	-123.74	-88.39	0.00094
-127.28	-84.85	0.00094	-134.35	-77.78	0.00090
-141.42	-70.71	0.00085	-148.49	-63.64	0.00078
-155.56	-56.57	0.00070	-162.63	-49.50	0.00063
-169.71	-42.43	0.00057	-176.78	-35.36	0.00051
-42.43	-183.85	0.00080	-49.50	-176.78	0.00084
-56.57	-169.71	0.00087	-63.64	-162.63	0.00090
-70.71	-155.56	0.00091	-77.78	-148.49	0.00090

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00088	-91.92	-134.35	0.00085
-95.46	-130.81	0.00083	-98.99	-127.28	0.00081
-101.12	-125.16	0.00080	-102.53	-123.74	0.00079
-103.94	-122.33	0.00078	-105.36	-120.92	0.00077
-106.77	-119.50	0.00075	-119.50	-106.77	0.00067
-120.92	-105.36	0.00067	-122.33	-103.94	0.00068
-123.74	-102.53	0.00068	-125.16	-101.12	0.00069
-127.28	-98.99	0.00070	-130.81	-95.46	0.00071
-134.35	-91.92	0.00072	-141.42	-84.85	0.00072
-148.49	-77.78	0.00068	-155.56	-70.71	0.00064
-162.63	-63.64	0.00059	-169.71	-56.57	0.00055
-176.78	-49.50	0.00050	-183.85	-42.43	0.00045
-49.50	-190.92	0.00065	-56.57	-183.85	0.00067
-63.64	-176.78	0.00068	-70.71	-169.71	0.00069
-77.78	-162.63	0.00069	-84.85	-155.56	0.00068
-91.92	-148.49	0.00068	-98.99	-141.42	0.00067
-102.53	-137.89	0.00066	-106.07	-134.35	0.00066
-108.19	-132.23	0.00065	-109.60	-130.81	0.00064
-111.02	-129.40	0.00063	-112.43	-127.99	0.00062
-113.84	-126.57	0.00061	-126.57	-113.84	0.00054
-127.99	-112.43	0.00055	-129.40	-111.02	0.00055
-130.81	-109.60	0.00055	-132.23	-108.19	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00056	-137.89	-102.53	0.00056
-141.42	-98.99	0.00057	-148.49	-91.92	0.00058
-155.56	-84.85	0.00056	-162.63	-77.78	0.00053
-169.71	-70.71	0.00050	-176.78	-63.64	0.00047
-183.85	-56.57	0.00044	-190.92	-49.50	0.00040
-56.57	-197.99	0.00053	-63.64	-190.92	0.00053
-70.71	-183.85	0.00054	-77.78	-176.78	0.00054
-84.85	-169.71	0.00054	-91.92	-162.63	0.00054
-98.99	-155.56	0.00054	-106.07	-148.49	0.00055
-109.60	-144.96	0.00055	-113.14	-141.42	0.00054
-115.26	-139.30	0.00054	-116.67	-137.89	0.00053
-118.09	-136.47	0.00052	-119.50	-135.06	0.00051

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00050	-133.64	-120.92	0.00045
-135.06	-119.50	0.00045	-136.47	-118.09	0.00045
-137.89	-116.67	0.00046	-139.30	-115.26	0.00046
-141.42	-113.14	0.00046	-144.96	-109.60	0.00046
-148.49	-106.07	0.00046	-155.56	-98.99	0.00047
-162.63	-91.92	0.00047	-169.71	-84.85	0.00045
-176.78	-77.78	0.00043	-183.85	-70.71	0.00041
-190.92	-63.64	0.00038	-197.99	-56.57	0.00035
-63.64	-205.06	0.00043	-70.71	-197.99	0.00044
-77.78	-190.92	0.00044	-84.85	-183.85	0.00044
-91.92	-176.78	0.00044	-98.99	-169.71	0.00045
-106.07	-162.63	0.00045	-113.14	-155.56	0.00046
-116.67	-152.03	0.00046	-120.21	-148.49	0.00045
-122.33	-146.37	0.00044	-123.74	-144.96	0.00044
-125.16	-143.54	0.00043	-126.57	-142.13	0.00042
-127.99	-140.71	0.00041	-140.71	-127.99	0.00038
-142.13	-126.57	0.00038	-143.54	-125.16	0.00038
-144.96	-123.74	0.00038	-146.37	-122.33	0.00038
-148.49	-120.21	0.00039	-152.03	-116.67	0.00039
-155.56	-113.14	0.00039	-162.63	-106.07	0.00039
-169.71	-98.99	0.00039	-176.78	-91.92	0.00038
-183.85	-84.85	0.00037	-190.92	-77.78	0.00035
-197.99	-70.71	0.00033	-205.06	-63.64	0.00032
-70.71	-212.13	0.00036	-77.78	-205.06	0.00036
-84.85	-197.99	0.00037	-91.92	-190.92	0.00037
-98.99	-183.85	0.00037	-106.07	-176.78	0.00038
-113.14	-169.71	0.00039	-120.21	-162.63	0.00039
-123.74	-159.10	0.00039	-127.28	-155.56	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00037	-130.81	-152.03	0.00037
-132.23	-150.61	0.00036	-133.64	-149.20	0.00035
-135.06	-147.79	0.00035	-147.79	-135.06	0.00032
-149.20	-133.64	0.00032	-150.61	-132.23	0.00032
-152.03	-130.81	0.00032	-153.44	-129.40	0.00032
-155.56	-127.28	0.00033	-159.10	-123.74	0.00033



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00033	-169.71	-113.14	0.00033
-176.78	-106.07	0.00032	-183.85	-98.99	0.00032
-190.92	-91.92	0.00032	-197.99	-84.85	0.00031
-205.06	-77.78	0.00030	-212.13	-70.71	0.00028
-77.78	-219.20	0.00031	-84.85	-212.13	0.00031
-91.92	-205.06	0.00031	-98.99	-197.99	0.00031
-106.07	-190.92	0.00032	-113.14	-183.85	0.00033
-120.21	-176.78	0.00034	-127.28	-169.71	0.00034
-130.81	-166.17	0.00033	-134.35	-162.63	0.00032
-136.47	-160.51	0.00032	-137.89	-159.10	0.00031
-139.30	-157.68	0.00031	-140.71	-156.27	0.00030
-142.13	-154.86	0.00030	-154.86	-142.13	0.00027
-156.27	-140.71	0.00028	-157.68	-139.30	0.00028
-159.10	-137.89	0.00028	-160.51	-136.47	0.00028
-162.63	-134.35	0.00028	-166.17	-130.81	0.00028
-169.71	-127.28	0.00028	-176.78	-120.21	0.00028
-183.85	-113.14	0.00028	-190.92	-106.07	0.00027
-197.99	-98.99	0.00027	-205.06	-91.92	0.00027
-212.13	-84.85	0.00026	-219.20	-77.78	0.00025
-84.85	-226.27	0.00026	-91.92	-219.20	0.00027
-98.99	-212.13	0.00027	-106.07	-205.06	0.00027
-113.14	-197.99	0.00028	-120.21	-190.92	0.00029
-127.28	-183.85	0.00029	-134.35	-176.78	0.00029
-137.89	-173.24	0.00028	-141.42	-169.71	0.00028
-143.54	-167.58	0.00027	-144.96	-166.17	0.00027
-146.37	-164.76	0.00026	-147.79	-163.34	0.00026
-149.20	-161.93	0.00025	-161.93	-149.20	0.00024
-163.34	-147.79	0.00024	-164.76	-146.37	0.00024
-166.17	-144.96	0.00024	-167.58	-143.54	0.00024
-169.71	-141.42	0.00024	-173.24	-137.89	0.00024
-176.78	-134.35	0.00024	-183.85	-127.28	0.00024
-190.92	-120.21	0.00024	-197.99	-113.14	0.00024
-205.06	-106.07	0.00024	-212.13	-98.99	0.00023
-219.20	-91.92	0.00023	-226.27	-84.85	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00023	-98.99	-226.27	0.00023
-106.07	-219.20	0.00023	-113.14	-212.13	0.00024
-120.21	-205.06	0.00025	-127.28	-197.99	0.00025
-134.35	-190.92	0.00026	-141.42	-183.85	0.00025
-144.96	-180.31	0.00025	-148.49	-176.78	0.00024
-150.61	-174.66	0.00023	-152.03	-173.24	0.00023
-153.44	-171.83	0.00023	-154.86	-170.41	0.00022
-156.27	-169.00	0.00022	-169.00	-156.27	0.00021
-170.41	-154.86	0.00021	-171.83	-153.44	0.00021
-173.24	-152.03	0.00021	-174.66	-150.61	0.00021
-176.78	-148.49	0.00021	-180.31	-144.96	0.00021
-183.85	-141.42	0.00021	-190.92	-134.35	0.00021
-197.99	-127.28	0.00021	-205.06	-120.21	0.00021
-212.13	-113.14	0.00021	-219.20	-106.07	0.00020
-226.27	-98.99	0.00020	-233.35	-91.92	0.00020
-98.99	-240.42	0.00020	-106.07	-233.35	0.00020
-113.14	-226.27	0.00021	-120.21	-219.20	0.00021
-127.28	-212.13	0.00022	-134.35	-205.06	0.00023
-141.42	-197.99	0.00023	-148.49	-190.92	0.00022
-152.03	-187.38	0.00021	-155.56	-183.85	0.00021
-157.68	-181.73	0.00020	-159.10	-180.31	0.00020
-160.51	-178.90	0.00020	-161.93	-177.48	0.00020
-163.34	-176.07	0.00019	-176.07	-163.34	0.00018
-177.48	-161.93	0.00018	-178.90	-160.51	0.00018
-180.31	-159.10	0.00018	-181.73	-157.68	0.00018
-183.85	-155.56	0.00018	-187.38	-152.03	0.00019
-190.92	-148.49	0.00019	-197.99	-141.42	0.00019
-205.06	-134.35	0.00019	-212.13	-127.28	0.00018
-219.20	-120.21	0.00018	-226.27	-113.14	0.00018
-233.35	-106.07	0.00018	-240.42	-98.99	0.00018
-106.07	-247.49	0.00018	-113.14	-240.42	0.00018
-120.21	-233.35	0.00019	-127.28	-226.27	0.00019
-134.35	-219.20	0.00020	-141.42	-212.13	0.00020
-148.49	-205.06	0.00020	-155.56	-197.99	0.00019
-159.10	-194.45	0.00019	-162.63	-190.92	0.00018
-164.76	-188.80	0.00018	-166.17	-187.38	0.00018
-167.58	-185.97	0.00018	-169.00	-184.55	0.00017
-170.41	-183.14	0.00017	-183.14	-170.41	0.00016
-184.55	-169.00	0.00016	-185.97	-167.58	0.00016
-187.38	-166.17	0.00016	-188.80	-164.76	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00016	-194.45	-159.10	0.00016	
-197.99	-155.56	0.00016	-205.06	-148.49	0.00017	
-212.13	-141.42	0.00017	-219.20	-134.35	0.00017	
-226.27	-127.28	0.00016	-233.35	-120.21	0.00016	
-240.42	-113.14	0.00016	-247.49	-106.07	0.00016	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*  
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 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00005	240.42	113.14	0.00005	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00004	
188.80	164.76	0.00004	187.38	166.17	0.00004	
185.97	167.58	0.00004	184.55	169.00	0.00004	
183.14	170.41	0.00004	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00003	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00005	233.35	106.07	0.00005	
226.27	113.14	0.00005	219.20	120.21	0.00005	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00005	190.92	148.49	0.00005	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00004	

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00004	160.51	178.90	0.00004
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00006	226.27	98.99	0.00006
219.20	106.07	0.00006	212.13	113.14	0.00006
205.06	120.21	0.00005	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00005
180.31	144.96	0.00005	176.78	148.49	0.00005
174.66	150.61	0.00005	173.24	152.03	0.00005
171.83	153.44	0.00005	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00003
127.28	197.99	0.00003	120.21	205.06	0.00003
113.14	212.13	0.00003	106.07	219.20	0.00003
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00007	219.20	91.92	0.00006
212.13	98.99	0.00006	205.06	106.07	0.00006
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00006	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00005	166.17	144.96	0.00005
164.76	146.37	0.00005	163.34	147.79	0.00005
161.93	149.20	0.00005	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00004

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	190.92	0.00004	113.14	197.99	0.00004
106.07	205.06	0.00003	99.00	212.13	0.00003
91.92	219.20	0.00003	84.85	226.27	0.00003
219.20	77.78	0.00007	212.13	84.85	0.00007
205.06	91.92	0.00007	197.99	98.99	0.00007
190.92	106.07	0.00007	183.85	113.14	0.00006
176.78	120.21	0.00006	169.71	127.28	0.00006
166.17	130.81	0.00006	162.63	134.35	0.00006
160.51	136.47	0.00006	159.10	137.89	0.00005
157.68	139.30	0.00005	156.27	140.71	0.00005
154.86	142.13	0.00005	142.13	154.86	0.00005
140.71	156.27	0.00005	139.30	157.68	0.00005
137.89	159.10	0.00004	136.47	160.51	0.00004
134.35	162.63	0.00004	130.81	166.17	0.00004
127.28	169.71	0.00004	120.21	176.78	0.00004
113.14	183.85	0.00004	106.07	190.92	0.00004
99.00	197.99	0.00004	91.92	205.06	0.00004
84.85	212.13	0.00004	77.78	219.20	0.00004
212.13	70.71	0.00008	205.06	77.78	0.00008
197.99	84.85	0.00008	190.92	91.92	0.00007
183.85	98.99	0.00007	176.78	106.07	0.00007
169.71	113.14	0.00007	162.63	120.21	0.00007
159.10	123.74	0.00006	155.56	127.28	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00006	152.03	130.81	0.00006
150.61	132.23	0.00006	149.20	133.64	0.00006
147.79	135.06	0.00006	135.06	147.79	0.00005
133.64	149.20	0.00005	132.23	150.61	0.00005
130.81	152.03	0.00005	129.40	153.44	0.00005
127.28	155.56	0.00005	123.74	159.10	0.00005
120.21	162.63	0.00005	113.14	169.71	0.00004
106.07	176.78	0.00004	98.99	183.85	0.00004
91.92	190.92	0.00004	84.85	197.99	0.00004
77.78	205.06	0.00004	70.71	212.13	0.00004
205.06	63.64	0.00010	197.99	70.71	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00009	183.85	84.85	0.00008
176.78	91.92	0.00008	169.71	98.99	0.00008
162.63	106.07	0.00008	155.56	113.14	0.00007
152.03	116.67	0.00007	148.49	120.21	0.00007
146.37	122.33	0.00007	144.96	123.74	0.00007
143.54	125.16	0.00007	142.13	126.57	0.00007
140.71	127.99	0.00006	127.99	140.71	0.00006
126.57	142.13	0.00006	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00005
98.99	169.71	0.00005	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00005
70.71	197.99	0.00005	63.64	205.06	0.00004
197.99	56.57	0.00011	190.92	63.64	0.00010
183.85	70.71	0.00010	176.78	77.78	0.00009
169.71	84.85	0.00009	162.63	91.92	0.00009
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00008	141.42	113.14	0.00008
139.30	115.26	0.00008	137.89	116.67	0.00008
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00006	115.26	139.30	0.00006
113.14	141.42	0.00006	109.60	144.96	0.00006
106.07	148.49	0.00006	98.99	155.56	0.00005
91.92	162.63	0.00005	84.85	169.71	0.00005
77.78	176.78	0.00005	70.71	183.85	0.00005
63.64	190.92	0.00005	56.57	197.99	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00013	183.85	56.57	0.00012
176.78	63.64	0.00011	169.71	70.71	0.00011
162.63	77.78	0.00010	155.56	84.85	0.00010
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00009	134.35	106.07	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00009	130.81	109.60	0.00008
129.40	111.02	0.00008	127.99	112.43	0.00008
126.57	113.84	0.00008	113.84	126.57	0.00007
112.43	127.99	0.00007	111.02	129.40	0.00007
109.60	130.81	0.00007	108.19	132.23	0.00007
106.07	134.35	0.00006	102.53	137.89	0.00006
98.99	141.42	0.00006	91.92	148.49	0.00006
84.85	155.56	0.00006	77.78	162.63	0.00006
70.71	169.71	0.00006	63.64	176.78	0.00006
56.57	183.85	0.00005	49.50	190.92	0.00005
183.85	42.43	0.00015	176.78	49.50	0.00014
169.71	56.57	0.00013	162.63	63.64	0.00013
155.56	70.71	0.00012	148.49	77.78	0.00011
141.42	84.85	0.00011	134.35	91.92	0.00011
130.81	95.46	0.00010	127.28	98.99	0.00010
125.16	101.12	0.00010	123.74	102.53	0.00010
122.33	103.94	0.00009	120.92	105.36	0.00009
119.50	106.77	0.00009	106.77	119.50	0.00008
105.36	120.92	0.00008	103.94	122.33	0.00008
102.53	123.74	0.00007	101.12	125.16	0.00007
98.99	127.28	0.00007	95.46	130.81	0.00007
91.92	134.35	0.00007	84.85	141.42	0.00007
77.78	148.49	0.00006	70.71	155.56	0.00006
63.64	162.63	0.00006	56.57	169.71	0.00006
49.50	176.78	0.00006	42.43	183.85	0.00005
176.78	35.36	0.00018	169.71	42.43	0.00017
162.63	49.50	0.00016	155.56	56.57	0.00015
148.49	63.64	0.00014	141.42	70.71	0.00013
134.35	77.78	0.00013	127.28	84.85	0.00012
123.74	88.39	0.00012	120.21	91.92	0.00011
118.09	94.05	0.00011	116.67	95.46	0.00011
115.26	96.87	0.00011	113.84	98.29	0.00011
112.43	99.70	0.00010	99.70	112.43	0.00009
98.29	113.84	0.00009	96.87	115.26	0.00008
95.46	116.67	0.00008	94.05	118.09	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00008	88.39	123.74	0.00008
84.85	127.28	0.00008	77.78	134.35	0.00007
70.71	141.42	0.00007	63.64	148.49	0.00007
56.57	155.56	0.00007	49.50	162.63	0.00007
42.43	169.71	0.00006	35.36	176.78	0.00006
169.71	28.28	0.00021	162.63	35.36	0.00020
155.56	42.43	0.00019	148.49	49.50	0.00018
141.42	56.57	0.00017	134.35	63.64	0.00016
127.28	70.71	0.00015	120.21	77.78	0.00014
116.67	81.32	0.00014	113.14	84.85	0.00013
111.02	86.97	0.00013	109.60	88.39	0.00013
108.19	89.80	0.00013	106.77	91.22	0.00012
105.36	92.63	0.00012	92.63	105.36	0.00010
91.22	106.77	0.00010	89.80	108.19	0.00010
88.39	109.60	0.00009	86.97	111.02	0.00009
84.85	113.14	0.00009	81.32	116.67	0.00009
77.78	120.21	0.00009	70.71	127.28	0.00009
63.64	134.35	0.00008	56.57	141.42	0.00008
49.50	148.49	0.00008	42.43	155.56	0.00007
35.36	162.63	0.00007	28.28	169.71	0.00006
162.63	21.21	0.00026	155.56	28.28	0.00024
148.49	35.36	0.00023	141.42	42.43	0.00022
134.35	49.50	0.00020	127.28	56.57	0.00019
120.21	63.64	0.00017	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00016
103.94	79.90	0.00015	102.53	81.32	0.00015
101.12	82.73	0.00015	99.70	84.15	0.00014
98.29	85.56	0.00014	85.56	98.29	0.00011
84.15	99.70	0.00011	82.73	101.12	0.00011
81.32	102.53	0.00011	79.90	103.94	0.00011
77.78	106.07	0.00011	74.25	109.60	0.00010
70.71	113.14	0.00010	63.64	120.21	0.00010
56.57	127.28	0.00010	49.50	134.35	0.00009
42.43	141.42	0.00009	35.36	148.49	0.00008
28.28	155.56	0.00007	21.21	162.63	0.00007
155.56	14.14	0.00032	148.49	21.21	0.00030
141.42	28.28	0.00029	134.35	35.36	0.00027
127.28	42.43	0.00025	120.21	49.50	0.00023
113.14	56.57	0.00021	106.07	63.64	0.00020
102.53	67.18	0.00019	98.99	70.71	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10  
\*\*MODELOPTS:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
\*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00018	95.46	74.25	0.00018
94.05	75.66	0.00017	92.63	77.07	0.00017
91.22	78.49	0.00017	78.49	91.22	0.00013
77.07	92.63	0.00013	75.66	94.05	0.00013
74.25	95.46	0.00013	72.83	96.87	0.00012
70.71	98.99	0.00012	67.18	102.53	0.00012
63.64	106.07	0.00012	56.57	113.14	0.00011
49.50	120.21	0.00011	42.43	127.28	0.00011
35.36	134.35	0.00010	28.28	141.42	0.00009
21.21	148.49	0.00008	14.14	155.56	0.00008
148.49	7.07	0.00040	141.42	14.14	0.00038
134.35	21.21	0.00036	127.28	28.28	0.00034
120.21	35.36	0.00031	113.14	42.43	0.00029
106.07	49.50	0.00026	98.99	56.57	0.00024
95.46	60.10	0.00023	91.92	63.64	0.00022
89.80	65.76	0.00022	88.39	67.18	0.00021
86.97	68.59	0.00021	85.56	70.00	0.00020
84.15	71.42	0.00020	71.42	84.15	0.00016
70.00	85.56	0.00015	68.59	86.97	0.00015
67.18	88.39	0.00015	65.76	89.80	0.00015
63.64	91.92	0.00014	60.10	95.46	0.00014
56.57	98.99	0.00014	49.50	106.07	0.00014
42.43	113.14	0.00013	35.36	120.21	0.00012
28.28	127.28	0.00011	21.21	134.35	0.00010
14.14	141.42	0.00009	7.07	148.49	0.00009
141.42	0.00	0.00050	134.35	7.07	0.00049
127.28	14.14	0.00047	120.21	21.21	0.00044
113.14	28.28	0.00041	106.07	35.36	0.00038
98.99	42.43	0.00034	91.92	49.50	0.00030
88.39	53.03	0.00029	84.85	56.57	0.00028
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00026	78.49	62.93	0.00025
77.07	64.35	0.00024	64.35	77.07	0.00019
62.93	78.49	0.00018	61.52	79.90	0.00018
60.10	81.32	0.00018	58.69	82.73	0.00018
56.57	84.85	0.00017	53.03	88.39	0.00017
49.50	91.92	0.00017	42.43	98.99	0.00016



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00113	98.99	0.00	0.00115
91.92	7.07	0.00114	84.85	14.14	0.00109
77.78	21.21	0.00100	70.71	28.28	0.00086
67.18	31.82	0.00078	63.64	35.36	0.00070
61.52	37.48	0.00065	60.10	38.89	0.00062
58.69	40.31	0.00059	57.28	41.72	0.00056
55.86	43.13	0.00054	43.13	55.86	0.00037
41.72	57.28	0.00036	40.31	58.69	0.00035
38.89	60.10	0.00035	37.48	61.52	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00034	31.82	67.18	0.00032
28.28	70.71	0.00030	21.21	77.78	0.00028
14.14	84.85	0.00026	7.07	91.92	0.00024
0.00	98.99	0.00022	-7.07	106.07	0.00020
-14.14	113.14	0.00019	-21.21	120.21	0.00017
113.14	-28.28	0.00128	106.07	-21.21	0.00137
98.99	-14.14	0.00147	91.92	-7.07	0.00156
84.85	0.00	0.00163	77.78	7.07	0.00166
70.71	14.14	0.00163	63.64	21.21	0.00148
60.10	24.75	0.00136	56.57	28.28	0.00120
54.45	30.41	0.00110	53.03	31.82	0.00103
51.62	33.23	0.00095	50.20	34.65	0.00088
48.79	36.06	0.00082	36.06	48.79	0.00049
34.65	50.20	0.00048	33.23	51.62	0.00047
31.82	53.03	0.00046	30.41	54.45	0.00045
28.28	56.57	0.00044	24.75	60.10	0.00042
21.21	63.64	0.00041	14.14	70.71	0.00037
7.07	77.78	0.00034	0.00	84.85	0.00031
-7.07	91.92	0.00028	-14.14	98.99	0.00026
-21.21	106.07	0.00024	-28.28	113.14	0.00022
106.07	-35.36	0.00153	98.99	-28.28	0.00168
91.92	-21.21	0.00184	84.85	-14.14	0.00202
77.78	-7.07	0.00221	70.71	0.00	0.00240
63.64	7.07	0.00256	56.57	14.14	0.00263
53.03	17.68	0.00260	49.50	21.21	0.00249

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00236	45.96	24.75	0.00224
44.55	26.16	0.00210	43.13	27.58	0.00193
41.72	28.99	0.00172	28.99	41.72	0.00071
27.58	43.13	0.00070	26.16	44.55	0.00070
24.75	45.96	0.00069	23.33	47.38	0.00068
21.21	49.50	0.00067	17.68	53.03	0.00064
14.14	56.57	0.00061	7.07	63.64	0.00055
0.00	70.71	0.00049	-7.07	77.78	0.00043
-14.14	84.85	0.00038	-21.21	91.92	0.00034
-28.28	98.99	0.00031	-35.36	106.07	0.00028
98.99	-42.43	0.00176	91.92	-35.36	0.00197
84.85	-28.28	0.00220	77.78	-21.21	0.00247
70.71	-14.14	0.00279	63.64	-7.07	0.00314
56.57	0.00	0.00352	49.50	7.07	0.00389
45.96	10.61	0.00405	42.43	14.14	0.00415

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00418	38.89	17.68	0.00418
37.48	19.09	0.00417	36.06	20.51	0.00416
34.65	21.92	0.00414	21.92	34.65	0.00146
20.51	36.06	0.00139	19.09	37.48	0.00134
17.68	38.89	0.00129	16.26	40.31	0.00125
14.14	42.43	0.00118	10.61	45.96	0.00109
7.07	49.50	0.00099	0.00	56.57	0.00083
-7.07	63.64	0.00070	-14.14	70.71	0.00059
-21.21	77.78	0.00051	-28.28	84.85	0.00045
-35.36	91.92	0.00039	-42.43	98.99	0.00035
91.92	-49.50	0.00195	84.85	-42.43	0.00220
77.78	-35.36	0.00249	70.71	-28.28	0.00283
63.64	-21.21	0.00323	56.57	-14.14	0.00368
49.50	-7.07	0.00417	42.43	0.00	0.00461
38.89	3.54	0.00477	35.36	7.07	0.00485
33.23	9.19	0.00483	31.82	10.61	0.00480
30.41	12.02	0.00474	28.99	13.44	0.00467
27.58	14.85	0.00460	14.85	27.58	0.00183
13.44	28.99	0.00178	12.02	30.41	0.00173

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00169	9.19	33.23	0.00164
7.07	35.36	0.00158	3.54	38.89	0.00146
0.00	42.43	0.00134	-7.07	49.50	0.00111
-14.14	56.57	0.00092	-21.21	63.64	0.00077
-28.28	70.71	0.00065	-35.36	77.78	0.00056
-42.43	84.85	0.00049	-49.50	91.92	0.00042
84.85	-56.57	0.00208	77.78	-49.50	0.00236
70.71	-42.43	0.00269	63.64	-35.36	0.00308
56.57	-28.28	0.00352	49.50	-21.21	0.00401
42.43	-14.14	0.00451	35.36	-7.07	0.00493
31.82	-3.54	0.00506	28.28	0.00	0.00510
26.16	2.12	0.00507	24.75	3.54	0.00502
23.33	4.95	0.00494	21.92	6.36	0.00486
20.51	7.78	0.00479	7.78	20.51	0.00201
6.36	21.92	0.00196	4.95	23.33	0.00192
3.54	24.75	0.00189	2.12	26.16	0.00186
0.00	28.28	0.00180	-3.54	31.82	0.00168
-7.07	35.36	0.00155	-14.14	42.43	0.00130
-21.21	49.50	0.00109	-28.28	56.57	0.00092
-35.36	63.64	0.00078	-42.43	70.71	0.00066
-49.50	77.78	0.00057	-56.57	84.85	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00214	70.71	-56.57	0.00244
63.64	-49.50	0.00279	56.57	-42.43	0.00320
49.50	-35.36	0.00366	42.43	-28.28	0.00416
35.36	-21.21	0.00466	28.28	-14.14	0.00508
24.75	-10.61	0.00520	21.21	-7.07	0.00522
19.09	-4.95	0.00518	17.68	-3.54	0.00513
16.26	-2.12	0.00507	14.85	-0.71	0.00499
13.44	0.71	0.00491	0.71	13.44	0.00212
-0.71	14.85	0.00207	-2.12	16.26	0.00204
-3.54	17.68	0.00201	-4.95	19.09	0.00198
-7.07	21.21	0.00193	-10.61	24.75	0.00182
-14.14	28.28	0.00170	-21.21	35.36	0.00144
-28.28	42.43	0.00121	-35.36	49.50	0.00103

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00087	-49.50	63.64	0.00074
-56.57	70.71	0.00064	-63.64	77.78	0.00055
70.71	-70.71	0.00212	63.64	-63.64	0.00243
56.57	-56.57	0.00279	49.50	-49.50	0.00320
42.43	-42.43	0.00367	35.36	-35.36	0.00418
28.28	-28.28	0.00469	21.21	-21.21	0.00511
17.68	-17.68	0.00524	14.14	-14.14	0.00527
12.02	-12.02	0.00524	10.61	-10.61	0.00519
9.19	-9.19	0.00513	7.78	-7.78	0.00505
6.36	-6.36	0.00496	-6.36	6.36	0.00219
-7.78	7.78	0.00214	-9.19	9.19	0.00211
-10.61	10.61	0.00208	-12.02	12.02	0.00205
-14.14	14.14	0.00200	-17.68	17.68	0.00190
-21.21	21.21	0.00178	-28.28	28.28	0.00154
-35.36	35.36	0.00130	-42.43	42.43	0.00110
-49.50	49.50	0.00094	-56.57	56.57	0.00080
-63.64	63.64	0.00069	-70.71	70.71	0.00060
63.64	-77.78	0.00203	56.57	-70.71	0.00233
49.50	-63.64	0.00267	42.43	-56.57	0.00308
35.36	-49.50	0.00355	28.28	-42.43	0.00407
21.21	-35.36	0.00460	14.14	-28.28	0.00505
10.61	-24.75	0.00520	7.07	-21.21	0.00525
4.95	-19.09	0.00523	3.54	-17.68	0.00519
2.12	-16.26	0.00512	0.71	-14.85	0.00505
-0.71	-13.44	0.00496	-13.44	-0.71	0.00221
-14.85	0.71	0.00217	-16.26	2.12	0.00214
-17.68	3.54	0.00212	-19.09	4.95	0.00209

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00204	-24.75	10.61	0.00194
-28.28	14.14	0.00183	-35.36	21.21	0.00159
-42.43	28.28	0.00136	-49.50	35.36	0.00115
-56.57	42.43	0.00098	-63.64	49.50	0.00084
-70.71	56.57	0.00072	-77.78	63.64	0.00063
56.57	-84.85	0.00188	49.50	-77.78	0.00214
42.43	-70.71	0.00246	35.36	-63.64	0.00283

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00327	21.21	-49.50	0.00378
14.14	-42.43	0.00432	7.07	-35.36	0.00482
3.54	-31.82	0.00500	0.00	-28.28	0.00510
-2.12	-26.16	0.00511	-3.54	-24.75	0.00508
-4.95	-23.33	0.00503	-6.36	-21.92	0.00496
-7.78	-20.51	0.00489	-20.51	-7.78	0.00220
-21.92	-6.36	0.00216	-23.33	-4.95	0.00213
-24.75	-3.54	0.00210	-26.16	-2.12	0.00208
-28.28	0.00	0.00203	-31.82	3.54	0.00194
-35.36	7.07	0.00184	-42.43	14.14	0.00161
-49.50	21.21	0.00138	-56.57	28.28	0.00117
-63.64	35.36	0.00100	-70.71	42.43	0.00085
-77.78	49.50	0.00074	-84.85	56.57	0.00064
49.50	-91.92	0.00168	42.43	-84.85	0.00190
35.36	-77.78	0.00216	28.28	-70.71	0.00246
21.21	-63.64	0.00283	14.14	-56.57	0.00325
7.07	-49.50	0.00374	0.00	-42.43	0.00425
-3.54	-38.89	0.00449	-7.07	-35.36	0.00466
-9.19	-33.23	0.00472	-10.61	-31.82	0.00473
-12.02	-30.41	0.00472	-13.44	-28.99	0.00469
-14.85	-27.58	0.00466	-27.58	-14.85	0.00212
-28.99	-13.44	0.00208	-30.41	-12.02	0.00206
-31.82	-10.61	0.00204	-33.23	-9.19	0.00202
-35.36	-7.07	0.00198	-38.89	-3.54	0.00189
-42.43	0.00	0.00178	-49.50	7.07	0.00156
-56.57	14.14	0.00134	-63.64	21.21	0.00115
-70.71	28.28	0.00098	-77.78	35.36	0.00084
-84.85	42.43	0.00073	-91.92	49.50	0.00063
42.43	-98.99	0.00145	35.36	-91.92	0.00161
28.28	-84.85	0.00180	21.21	-77.78	0.00202
14.14	-70.71	0.00227	7.07	-63.64	0.00254
0.00	-56.57	0.00284	-7.07	-49.50	0.00314
-10.61	-45.96	0.00328	-14.14	-42.43	0.00342

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00350	-17.68	-38.89	0.00355

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00362	-20.51	-36.06	0.00369
-21.92	-34.65	0.00379	-34.65	-21.92	0.00194
-36.06	-20.51	0.00190	-37.48	-19.09	0.00187
-38.89	-17.68	0.00185	-40.31	-16.26	0.00182
-42.43	-14.14	0.00178	-45.96	-10.61	0.00171
-49.50	-7.07	0.00161	-56.57	0.00	0.00142
-63.64	7.07	0.00124	-70.71	14.14	0.00107
-77.78	21.21	0.00092	-84.85	28.28	0.00080
-91.92	35.36	0.00069	-98.99	42.43	0.00061
35.36	-106.07	0.00121	28.28	-98.99	0.00132
21.21	-91.92	0.00144	14.14	-84.85	0.00157
7.07	-77.78	0.00170	0.00	-70.71	0.00181
-7.07	-63.64	0.00190	-14.14	-56.57	0.00190
-17.68	-53.03	0.00186	-21.21	-49.50	0.00177
-23.33	-47.38	0.00169	-24.75	-45.96	0.00163
-26.16	-44.55	0.00156	-27.58	-43.13	0.00149
-28.99	-41.72	0.00141	-41.72	-28.99	0.00121
-43.13	-27.58	0.00123	-44.55	-26.16	0.00125
-45.96	-24.75	0.00127	-47.38	-23.33	0.00128
-49.50	-21.21	0.00129	-53.03	-17.68	0.00129
-56.57	-14.14	0.00126	-63.64	-7.07	0.00117
-70.71	0.00	0.00105	-77.78	7.07	0.00093
-84.85	14.14	0.00082	-91.92	21.21	0.00072
-98.99	28.28	0.00064	-106.07	35.36	0.00056
28.28	-113.14	0.00099	21.21	-106.07	0.00106
14.14	-98.99	0.00113	7.07	-91.92	0.00119
0.00	-84.85	0.00124	-7.07	-77.78	0.00126
-14.14	-70.71	0.00125	-21.21	-63.64	0.00119
-24.75	-60.10	0.00114	-28.28	-56.57	0.00108
-30.41	-54.45	0.00104	-31.82	-53.03	0.00102
-33.23	-51.62	0.00100	-34.65	-50.20	0.00098
-36.06	-48.79	0.00095	-48.79	-36.06	0.00084
-50.20	-34.65	0.00086	-51.62	-33.23	0.00087
-53.03	-31.82	0.00089	-54.45	-30.41	0.00090
-56.57	-28.28	0.00092	-60.10	-24.75	0.00094
-63.64	-21.21	0.00094	-70.71	-14.14	0.00090
-77.78	-7.07	0.00085	-84.85	0.00	0.00078
-91.92	7.07	0.00070	-98.99	14.14	0.00063
-106.07	21.21	0.00057	-113.14	28.28	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00080	14.14	-113.14	0.00084	
7.07	-106.07	0.00087	0.00	-98.99	0.00090	
-7.07	-91.92	0.00091	-14.14	-84.85	0.00090	
-21.21	-77.78	0.00088	-28.28	-70.71	0.00085	
-31.82	-67.18	0.00083	-35.36	-63.64	0.00081	
-37.48	-61.52	0.00080	-38.89	-60.10	0.00079	
-40.31	-58.69	0.00078	-41.72	-57.28	0.00077	
-43.13	-55.86	0.00075	-55.86	-43.13	0.00067	
-57.28	-41.72	0.00067	-58.69	-40.31	0.00068	
-60.10	-38.89	0.00068	-61.52	-37.48	0.00069	
-63.64	-35.36	0.00070	-67.18	-31.82	0.00071	
-70.71	-28.28	0.00072	-77.78	-21.21	0.00072	
-84.85	-14.14	0.00068	-91.92	-7.07	0.00064	
-98.99	0.00	0.00059	-106.07	7.07	0.00055	
-113.14	14.14	0.00050	-120.21	21.21	0.00045	
14.14	-127.28	0.00065	7.07	-120.21	0.00067	
0.00	-113.14	0.00068	-7.07	-106.07	0.00069	
-14.14	-98.99	0.00069	-21.21	-91.92	0.00068	
-28.28	-84.85	0.00068	-35.36	-77.78	0.00067	
-38.89	-74.25	0.00066	-42.43	-70.71	0.00066	
-44.55	-68.59	0.00065	-45.96	-67.18	0.00064	
-47.38	-65.76	0.00063	-48.79	-64.35	0.00062	
-50.20	-62.93	0.00061	-62.93	-50.20	0.00054	
-64.35	-48.79	0.00055	-65.76	-47.38	0.00055	
-67.18	-45.96	0.00055	-68.59	-44.55	0.00056	
-70.71	-42.43	0.00056	-74.25	-38.89	0.00056	
-77.78	-35.36	0.00057	-84.85	-28.28	0.00058	
-91.92	-21.21	0.00056	-98.99	-14.14	0.00053	
-106.07	-7.07	0.00050	-113.14	0.00	0.00047	
-120.21	7.07	0.00044	-127.28	14.14	0.00040	
7.07	-134.35	0.00053	0.00	-127.28	0.00053	
-7.07	-120.21	0.00054	-14.14	-113.14	0.00054	
-21.21	-106.07	0.00054	-28.28	-98.99	0.00054	
-35.36	-91.92	0.00054	-42.43	-84.85	0.00055	
-45.96	-81.32	0.00055	-49.50	-77.78	0.00054	
-51.62	-75.66	0.00054	-53.03	-74.25	0.00053	
-54.45	-72.83	0.00052	-55.86	-71.42	0.00051	
-57.28	-70.00	0.00050	-70.00	-57.28	0.00045	
-71.42	-55.86	0.00045	-72.83	-54.45	0.00045	

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-74.25      -53.03      0.00046      -75.66      -51.62      0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00046	-81.32	-45.96	0.00046
-84.85	-42.43	0.00046	-91.92	-35.36	0.00047
-98.99	-28.28	0.00047	-106.07	-21.21	0.00045
-113.14	-14.14	0.00043	-120.21	-7.07	0.00041
-127.28	0.00	0.00038	-134.35	7.07	0.00035
0.00	-141.42	0.00043	-7.07	-134.35	0.00044
-14.14	-127.28	0.00044	-21.21	-120.21	0.00044
-28.28	-113.14	0.00044	-35.36	-106.07	0.00045
-42.43	-98.99	0.00045	-49.50	-91.92	0.00046
-53.03	-88.39	0.00046	-56.57	-84.85	0.00045
-58.69	-82.73	0.00044	-60.10	-81.32	0.00044
-61.52	-79.90	0.00043	-62.93	-78.49	0.00042
-64.35	-77.07	0.00041	-77.07	-64.35	0.00038
-78.49	-62.93	0.00038	-79.90	-61.52	0.00038
-81.32	-60.10	0.00038	-82.73	-58.69	0.00038
-84.85	-56.57	0.00039	-88.39	-53.03	0.00039
-91.92	-49.50	0.00039	-98.99	-42.43	0.00039
-106.07	-35.36	0.00039	-113.14	-28.28	0.00038
-120.21	-21.21	0.00037	-127.28	-14.14	0.00035
-134.35	-7.07	0.00033	-141.42	0.00	0.00032
-7.07	-148.49	0.00036	-14.14	-141.42	0.00036
-21.21	-134.35	0.00037	-28.28	-127.28	0.00037
-35.36	-120.21	0.00037	-42.43	-113.14	0.00038
-49.50	-106.07	0.00039	-56.57	-98.99	0.00039
-60.10	-95.46	0.00039	-63.64	-91.92	0.00038
-65.76	-89.80	0.00037	-67.18	-88.39	0.00037
-68.59	-86.97	0.00036	-70.00	-85.56	0.00035
-71.42	-84.15	0.00035	-84.15	-71.42	0.00032
-85.56	-70.00	0.00032	-86.97	-68.59	0.00032
-88.39	-67.18	0.00032	-89.80	-65.76	0.00032
-91.92	-63.64	0.00033	-95.46	-60.10	0.00033
-98.99	-56.57	0.00033	-106.07	-49.50	0.00033
-113.14	-42.43	0.00032	-120.21	-35.36	0.00032

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00032	-134.35	-21.21	0.00031
-141.42	-14.14	0.00030	-148.49	-7.07	0.00028
-14.14	-155.56	0.00031	-21.21	-148.49	0.00031
-28.28	-141.42	0.00031	-35.36	-134.35	0.00031
-42.43	-127.28	0.00032	-49.50	-120.21	0.00033
-56.57	-113.14	0.00034	-63.64	-106.07	0.00034
-67.18	-102.53	0.00033	-70.71	-98.99	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00032	-74.25	-95.46	0.00031
-75.66	-94.05	0.00031	-77.07	-92.63	0.00030
-78.49	-91.22	0.00030	-91.22	-78.49	0.00027
-92.63	-77.07	0.00028	-94.05	-75.66	0.00028
-95.46	-74.25	0.00028	-96.87	-72.83	0.00028
-98.99	-70.71	0.00028	-102.53	-67.18	0.00028
-106.07	-63.64	0.00028	-113.14	-56.57	0.00028
-120.21	-49.50	0.00028	-127.28	-42.43	0.00027
-134.35	-35.36	0.00027	-141.42	-28.28	0.00027
-148.49	-21.21	0.00026	-155.56	-14.14	0.00025
-21.21	-162.63	0.00026	-28.28	-155.56	0.00027
-35.36	-148.49	0.00027	-42.43	-141.42	0.00027
-49.50	-134.35	0.00028	-56.57	-127.28	0.00029
-63.64	-120.21	0.00029	-70.71	-113.14	0.00029
-74.25	-109.60	0.00028	-77.78	-106.07	0.00028
-79.90	-103.94	0.00027	-81.32	-102.53	0.00027
-82.73	-101.12	0.00026	-84.15	-99.70	0.00026
-85.56	-98.29	0.00025	-98.29	-85.56	0.00024
-99.70	-84.15	0.00024	-101.12	-82.73	0.00024
-102.53	-81.32	0.00024	-103.94	-79.90	0.00024
-106.07	-77.78	0.00024	-109.60	-74.25	0.00024
-113.14	-70.71	0.00024	-120.21	-63.64	0.00024
-127.28	-56.57	0.00024	-134.35	-49.50	0.00024
-141.42	-42.43	0.00024	-148.49	-35.36	0.00023
-155.56	-28.28	0.00023	-162.63	-21.21	0.00022
-28.28	-169.71	0.00023	-35.36	-162.63	0.00023
-42.43	-155.56	0.00023	-49.50	-148.49	0.00024



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00018	-105.36	-120.92	0.00017
-106.77	-119.50	0.00017	-119.50	-106.77	0.00016
-120.92	-105.36	0.00016	-122.33	-103.94	0.00016
-123.74	-102.53	0.00016	-125.16	-101.12	0.00016
-127.28	-98.99	0.00016	-130.81	-95.46	0.00016
-134.35	-91.92	0.00016	-141.42	-84.85	0.00017
-148.49	-77.78	0.00017	-155.56	-70.71	0.00017
-162.63	-63.64	0.00016	-169.71	-56.57	0.00016
-176.78	-49.50	0.00016	-183.85	-42.43	0.00016
-49.50	-190.92	0.00016	-56.57	-183.85	0.00017
-63.64	-176.78	0.00017	-70.71	-169.71	0.00017
-77.78	-162.63	0.00018	-84.85	-155.56	0.00018
-91.92	-148.49	0.00018	-98.99	-141.42	0.00017
-102.53	-137.89	0.00017	-106.07	-134.35	0.00016
-108.19	-132.23	0.00016	-109.60	-130.81	0.00016
-111.02	-129.40	0.00016	-112.43	-127.99	0.00016
-113.84	-126.57	0.00015	-126.57	-113.84	0.00015
-127.99	-112.43	0.00015	-129.40	-111.02	0.00015
-130.81	-109.60	0.00015	-132.23	-108.19	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00015	-137.89	-102.53	0.00015
-141.42	-98.99	0.00015	-148.49	-91.92	0.00015
-155.56	-84.85	0.00015	-162.63	-77.78	0.00015
-169.71	-70.71	0.00015	-176.78	-63.64	0.00014
-183.85	-56.57	0.00014	-190.92	-49.50	0.00014
-56.57	-197.99	0.00015	-63.64	-190.92	0.00015
-70.71	-183.85	0.00015	-77.78	-176.78	0.00016
-84.85	-169.71	0.00016	-91.92	-162.63	0.00016
-98.99	-155.56	0.00016	-106.07	-148.49	0.00015
-109.60	-144.96	0.00015	-113.14	-141.42	0.00015
-115.26	-139.30	0.00014	-116.67	-137.89	0.00014
-118.09	-136.47	0.00014	-119.50	-135.06	0.00014
-120.92	-133.64	0.00014	-133.64	-120.92	0.00013
-135.06	-119.50	0.00013	-136.47	-118.09	0.00013
-137.89	-116.67	0.00013	-139.30	-115.26	0.00013

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00013	-144.96	-109.60	0.00013
-148.49	-106.07	0.00013	-155.56	-98.99	0.00013
-162.63	-91.92	0.00013	-169.71	-84.85	0.00013
-176.78	-77.78	0.00013	-183.85	-70.71	0.00013
-190.92	-63.64	0.00013	-197.99	-56.57	0.00013
-63.64	-205.06	0.00013	-70.71	-197.99	0.00014
-77.78	-190.92	0.00014	-84.85	-183.85	0.00015
-91.92	-176.78	0.00015	-98.99	-169.71	0.00015
-106.07	-162.63	0.00014	-113.14	-155.56	0.00014
-116.67	-152.03	0.00013	-120.21	-148.49	0.00013
-122.33	-146.37	0.00013	-123.74	-144.96	0.00013
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00012	-140.71	-127.99	0.00012
-142.13	-126.57	0.00012	-143.54	-125.16	0.00012
-144.96	-123.74	0.00012	-146.37	-122.33	0.00012
-148.49	-120.21	0.00012	-152.03	-116.67	0.00012
-155.56	-113.14	0.00012	-162.63	-106.07	0.00012
-169.71	-98.99	0.00012	-176.78	-91.92	0.00012
-183.85	-84.85	0.00012	-190.92	-77.78	0.00012
-197.99	-70.71	0.00012	-205.06	-63.64	0.00011
-70.71	-212.13	0.00012	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00013
-98.99	-183.85	0.00013	-106.07	-176.78	0.00013
-113.14	-169.71	0.00013	-120.21	-162.63	0.00012
-123.74	-159.10	0.00012	-127.28	-155.56	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00012	-130.81	-152.03	0.00012
-132.23	-150.61	0.00011	-133.64	-149.20	0.00011
-135.06	-147.79	0.00011	-147.79	-135.06	0.00011
-149.20	-133.64	0.00011	-150.61	-132.23	0.00011
-152.03	-130.81	0.00011	-153.44	-129.40	0.00011
-155.56	-127.28	0.00011	-159.10	-123.74	0.00011
-162.63	-120.21	0.00011	-169.71	-113.14	0.00011
-176.78	-106.07	0.00011	-183.85	-98.99	0.00011
-190.92	-91.92	0.00011	-197.99	-84.85	0.00011

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00011	-212.13	-70.71	0.00010
-77.78	-219.20	0.00011	-84.85	-212.13	0.00012
-91.92	-205.06	0.00012	-98.99	-197.99	0.00012
-106.07	-190.92	0.00012	-113.14	-183.85	0.00012
-120.21	-176.78	0.00012	-127.28	-169.71	0.00011
-130.81	-166.17	0.00011	-134.35	-162.63	0.00011
-136.47	-160.51	0.00011	-137.89	-159.10	0.00011
-139.30	-157.68	0.00010	-140.71	-156.27	0.00010
-142.13	-154.86	0.00010	-154.86	-142.13	0.00010
-156.27	-140.71	0.00010	-157.68	-139.30	0.00010
-159.10	-137.89	0.00010	-160.51	-136.47	0.00010
-162.63	-134.35	0.00010	-166.17	-130.81	0.00010
-169.71	-127.28	0.00010	-176.78	-120.21	0.00010
-183.85	-113.14	0.00010	-190.92	-106.07	0.00010
-197.99	-98.99	0.00010	-205.06	-91.92	0.00010
-212.13	-84.85	0.00010	-219.20	-77.78	0.00010
-84.85	-226.27	0.00011	-91.92	-219.20	0.00011
-98.99	-212.13	0.00011	-106.07	-205.06	0.00011
-113.14	-197.99	0.00011	-120.21	-190.92	0.00011
-127.28	-183.85	0.00011	-134.35	-176.78	0.00010
-137.89	-173.24	0.00010	-141.42	-169.71	0.00010
-143.54	-167.58	0.00010	-144.96	-166.17	0.00010
-146.37	-164.76	0.00010	-147.79	-163.34	0.00010
-149.20	-161.93	0.00009	-161.93	-149.20	0.00009
-163.34	-147.79	0.00009	-164.76	-146.37	0.00009
-166.17	-144.96	0.00009	-167.58	-143.54	0.00009
-169.71	-141.42	0.00009	-173.24	-137.89	0.00009
-176.78	-134.35	0.00009	-183.85	-127.28	0.00009
-190.92	-120.21	0.00009	-197.99	-113.14	0.00009
-205.06	-106.07	0.00009	-212.13	-98.99	0.00009
-219.20	-91.92	0.00009	-226.27	-84.85	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00010
-120.21	-205.06	0.00010	-127.28	-197.99	0.00010

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00010	-141.42	-183.85	0.00009
-144.96	-180.31	0.00009	-148.49	-176.78	0.00009
-150.61	-174.66	0.00009	-152.03	-173.24	0.00009
-153.44	-171.83	0.00009	-154.86	-170.41	0.00009
-156.27	-169.00	0.00009	-169.00	-156.27	0.00008
-170.41	-154.86	0.00008	-171.83	-153.44	0.00008
-173.24	-152.03	0.00008	-174.66	-150.61	0.00008
-176.78	-148.49	0.00008	-180.31	-144.96	0.00008
-183.85	-141.42	0.00008	-190.92	-134.35	0.00008
-197.99	-127.28	0.00008	-205.06	-120.21	0.00009
-212.13	-113.14	0.00009	-219.20	-106.07	0.00009
-226.27	-98.99	0.00008	-233.35	-91.92	0.00008
-98.99	-240.42	0.00009	-106.07	-233.35	0.00009
-113.14	-226.27	0.00010	-120.21	-219.20	0.00010
-127.28	-212.13	0.00010	-134.35	-205.06	0.00009
-141.42	-197.99	0.00009	-148.49	-190.92	0.00009
-152.03	-187.38	0.00008	-155.56	-183.85	0.00008
-157.68	-181.73	0.00008	-159.10	-180.31	0.00008
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00008
-177.48	-161.93	0.00008	-178.90	-160.51	0.00008
-180.31	-159.10	0.00008	-181.73	-157.68	0.00008
-183.85	-155.56	0.00008	-187.38	-152.03	0.00008
-190.92	-148.49	0.00008	-197.99	-141.42	0.00008
-205.06	-134.35	0.00008	-212.13	-127.28	0.00008
-219.20	-120.21	0.00008	-226.27	-113.14	0.00008
-233.35	-106.07	0.00008	-240.42	-98.99	0.00008
-106.07	-247.49	0.00009	-113.14	-240.42	0.00009
-120.21	-233.35	0.00009	-127.28	-226.27	0.00009
-134.35	-219.20	0.00009	-141.42	-212.13	0.00009
-148.49	-205.06	0.00008	-155.56	-197.99	0.00008
-159.10	-194.45	0.00008	-162.63	-190.92	0.00008
-164.76	-188.80	0.00008	-166.17	-187.38	0.00008
-167.58	-185.97	0.00008	-169.00	-184.55	0.00007
-170.41	-183.14	0.00007	-183.14	-170.41	0.00007
-184.55	-169.00	0.00007	-185.97	-167.58	0.00007
-187.38	-166.17	0.00007	-188.80	-164.76	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,







12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00032	212.13	84.85	0.00030
205.06	91.92	0.00029	197.99	98.99	0.00027
190.92	106.07	0.00025	183.85	113.14	0.00023
176.78	120.21	0.00021	169.71	127.28	0.00020
166.17	130.81	0.00019	162.63	134.35	0.00018
160.51	136.47	0.00018	159.10	137.89	0.00018
157.68	139.30	0.00017	156.27	140.71	0.00017
154.86	142.13	0.00017	142.13	154.86	0.00013
140.71	156.27	0.00013	139.30	157.68	0.00013
137.89	159.10	0.00013	136.47	160.51	0.00012
134.35	162.63	0.00012	130.81	166.17	0.00012
127.28	169.71	0.00012	120.21	176.78	0.00011
113.14	183.85	0.00011	106.07	190.92	0.00011
99.00	197.99	0.00010	91.92	205.06	0.00009
84.85	212.13	0.00008	77.78	219.20	0.00008
212.13	70.71	0.00040	205.06	77.78	0.00038
197.99	84.85	0.00036	190.92	91.92	0.00034
183.85	98.99	0.00031	176.78	106.07	0.00029
169.71	113.14	0.00026	162.63	120.21	0.00024
159.10	123.74	0.00023	155.56	127.28	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTS:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER                      IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00022	152.03	130.81	0.00021
150.61	132.23	0.00021	149.20	133.64	0.00020
147.79	135.06	0.00020	135.06	147.79	0.00016
133.64	149.20	0.00015	132.23	150.61	0.00015
130.81	152.03	0.00015	129.40	153.44	0.00015
127.28	155.56	0.00014	123.74	159.10	0.00014
120.21	162.63	0.00014	113.14	169.71	0.00014
106.07	176.78	0.00013	98.99	183.85	0.00012
91.92	190.92	0.00011	84.85	197.99	0.00010
77.78	205.06	0.00009	70.71	212.13	0.00009
205.06	63.64	0.00050	197.99	70.71	0.00049
190.92	77.78	0.00047	183.85	84.85	0.00044
176.78	91.92	0.00041	169.71	98.99	0.00038
162.63	106.07	0.00034	155.56	113.14	0.00030

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00029	148.49	120.21	0.00028
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00026	142.13	126.57	0.00025
140.71	127.99	0.00024	127.99	140.71	0.00019
126.57	142.13	0.00018	125.16	143.54	0.00018
123.74	144.96	0.00018	122.33	146.37	0.00018
120.21	148.49	0.00017	116.67	152.03	0.00017
113.14	155.56	0.00017	106.07	162.63	0.00016
98.99	169.71	0.00015	91.92	176.78	0.00013
84.85	183.85	0.00012	77.78	190.92	0.00011
70.71	197.99	0.00011	63.64	205.06	0.00010
197.99	56.57	0.00065	190.92	63.64	0.00064
183.85	70.71	0.00062	176.78	77.78	0.00059
169.71	84.85	0.00056	162.63	91.92	0.00051
155.56	98.99	0.00046	148.49	106.07	0.00040
144.96	109.60	0.00037	141.42	113.14	0.00035
139.30	115.26	0.00034	137.89	116.67	0.00033
136.47	118.09	0.00032	135.06	119.50	0.00031
133.64	120.92	0.00031	120.92	133.64	0.00023
119.50	135.06	0.00022	118.09	136.47	0.00022
116.67	137.89	0.00022	115.26	139.30	0.00021
113.14	141.42	0.00021	109.60	144.96	0.00021
106.07	148.49	0.00020	98.99	155.56	0.00019
91.92	162.63	0.00017	84.85	169.71	0.00016
77.78	176.78	0.00014	70.71	183.85	0.00013
63.64	190.92	0.00012	56.57	197.99	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00083	183.85	56.57	0.00084
176.78	63.64	0.00084	169.71	70.71	0.00082
162.63	77.78	0.00078	155.56	84.85	0.00073
148.49	91.92	0.00065	141.42	98.99	0.00056
137.89	102.53	0.00052	134.35	106.07	0.00047
132.23	108.19	0.00045	130.81	109.60	0.00044
129.40	111.02	0.00042	127.99	112.43	0.00041
126.57	113.84	0.00040	113.84	126.57	0.00029

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00028	111.02	129.40	0.00027
109.60	130.81	0.00027	108.19	132.23	0.00027
106.07	134.35	0.00026	102.53	137.89	0.00026
98.99	141.42	0.00025	91.92	148.49	0.00022
84.85	155.56	0.00020	77.78	162.63	0.00019
70.71	169.71	0.00017	63.64	176.78	0.00016
56.57	183.85	0.00015	49.50	190.92	0.00014
183.85	42.43	0.00104	176.78	49.50	0.00109
169.71	56.57	0.00113	162.63	63.64	0.00115
155.56	70.71	0.00114	148.49	77.78	0.00109
141.42	84.85	0.00100	134.35	91.92	0.00086
130.81	95.46	0.00078	127.28	98.99	0.00070
125.16	101.12	0.00065	123.74	102.53	0.00062
122.33	103.94	0.00059	120.92	105.36	0.00056
119.50	106.77	0.00054	106.77	119.50	0.00037
105.36	120.92	0.00036	103.94	122.33	0.00035
102.53	123.74	0.00035	101.12	125.16	0.00034
98.99	127.28	0.00034	95.46	130.81	0.00032
91.92	134.35	0.00030	84.85	141.42	0.00028
77.78	148.49	0.00026	70.71	155.56	0.00024
63.64	162.63	0.00022	56.57	169.71	0.00020
49.50	176.78	0.00019	42.43	183.85	0.00017
176.78	35.36	0.00128	169.71	42.43	0.00137
162.63	49.50	0.00147	155.56	56.57	0.00156
148.49	63.64	0.00163	141.42	70.71	0.00166
134.35	77.78	0.00163	127.28	84.85	0.00148
123.74	88.39	0.00136	120.21	91.92	0.00120
118.09	94.05	0.00110	116.67	95.46	0.00103
115.26	96.87	0.00095	113.84	98.29	0.00088
112.43	99.70	0.00082	99.70	112.43	0.00049
98.29	113.84	0.00048	96.87	115.26	0.00047
95.46	116.67	0.00046	94.05	118.09	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00044	88.39	123.74	0.00042
84.85	127.28	0.00041	77.78	134.35	0.00037

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00034	63.64	148.49	0.00031
56.57	155.56	0.00028	49.50	162.63	0.00026
42.43	169.71	0.00024	35.36	176.78	0.00022
169.71	28.28	0.00153	162.63	35.36	0.00168
155.56	42.43	0.00184	148.49	49.50	0.00202
141.42	56.57	0.00221	134.35	63.64	0.00240
127.28	70.71	0.00256	120.21	77.78	0.00263
116.67	81.32	0.00260	113.14	84.85	0.00249
111.02	86.97	0.00236	109.60	88.39	0.00224
108.19	89.80	0.00210	106.77	91.22	0.00193
105.36	92.63	0.00172	92.63	105.36	0.00071
91.22	106.77	0.00070	89.80	108.19	0.00070
88.39	109.60	0.00069	86.97	111.02	0.00068
84.85	113.14	0.00067	81.32	116.67	0.00064
77.78	120.21	0.00061	70.71	127.28	0.00055
63.64	134.35	0.00049	56.57	141.42	0.00043
49.50	148.49	0.00038	42.43	155.56	0.00034
35.36	162.63	0.00031	28.28	169.71	0.00028
162.63	21.21	0.00176	155.56	28.28	0.00197
148.49	35.36	0.00220	141.42	42.43	0.00247
134.35	49.50	0.00279	127.28	56.57	0.00314
120.21	63.64	0.00352	113.14	70.71	0.00389
109.60	74.25	0.00405	106.07	77.78	0.00415
103.94	79.90	0.00418	102.53	81.32	0.00418
101.12	82.73	0.00417	99.70	84.15	0.00416
98.29	85.56	0.00414	85.56	98.29	0.00146
84.15	99.70	0.00139	82.73	101.12	0.00134
81.32	102.53	0.00129	79.90	103.94	0.00125
77.78	106.07	0.00118	74.25	109.60	0.00109
70.71	113.14	0.00099	63.64	120.21	0.00083
56.57	127.28	0.00070	49.50	134.35	0.00059
42.43	141.42	0.00051	35.36	148.49	0.00045
28.28	155.56	0.00039	21.21	162.63	0.00035
155.56	14.14	0.00195	148.49	21.21	0.00220
141.42	28.28	0.00249	134.35	35.36	0.00283
127.28	42.43	0.00323	120.21	49.50	0.00368
113.14	56.57	0.00417	106.07	63.64	0.00461
102.53	67.18	0.00477	98.99	70.71	0.00485

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

12NCRA PL92-300 DPM\_TRAV ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00483	95.46	74.25	0.00480
94.05	75.66	0.00474	92.63	77.07	0.00467
91.22	78.49	0.00460	78.49	91.22	0.00183
77.07	92.63	0.00178	75.66	94.05	0.00173
74.25	95.46	0.00169	72.83	96.87	0.00164
70.71	98.99	0.00158	67.18	102.53	0.00146
63.64	106.07	0.00134	56.57	113.14	0.00111
49.50	120.21	0.00092	42.43	127.28	0.00077
35.36	134.35	0.00065	28.28	141.42	0.00056
21.21	148.49	0.00049	14.14	155.56	0.00042
148.49	7.07	0.00208	141.42	14.14	0.00236
134.35	21.21	0.00269	127.28	28.28	0.00308
120.21	35.36	0.00352	113.14	42.43	0.00401
106.07	49.50	0.00451	98.99	56.57	0.00493
95.46	60.10	0.00506	91.92	63.64	0.00510
89.80	65.76	0.00507	88.39	67.18	0.00502
86.97	68.59	0.00494	85.56	70.00	0.00486
84.15	71.42	0.00479	71.42	84.15	0.00201
70.00	85.56	0.00196	68.59	86.97	0.00192
67.18	88.39	0.00189	65.76	89.80	0.00186
63.64	91.92	0.00180	60.10	95.46	0.00168
56.57	98.99	0.00155	49.50	106.07	0.00130
42.43	113.14	0.00109	35.36	120.21	0.00092
28.28	127.28	0.00078	21.21	134.35	0.00066
14.14	141.42	0.00057	7.07	148.49	0.00049
141.42	0.00	0.00214	134.35	7.07	0.00244
127.28	14.14	0.00279	120.21	21.21	0.00320
113.14	28.28	0.00366	106.07	35.36	0.00416
98.99	42.43	0.00466	91.92	49.50	0.00508
88.39	53.03	0.00520	84.85	56.57	0.00522
82.73	58.69	0.00518	81.32	60.10	0.00513
79.90	61.52	0.00507	78.49	62.93	0.00499
77.07	64.35	0.00491	64.35	77.07	0.00212
62.93	78.49	0.00207	61.52	79.90	0.00204
60.10	81.32	0.00201	58.69	82.73	0.00198
56.57	84.85	0.00193	53.03	88.39	0.00182
49.50	91.92	0.00170	42.43	98.99	0.00144
35.36	106.07	0.00121	28.28	113.14	0.00103
21.21	120.21	0.00087	14.14	127.28	0.00074
7.07	134.35	0.00064	0.00	141.42	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

14:47:10

\*\*MODELOPTs:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00212	127.28	0.00	0.00243
120.21	7.07	0.00279	113.14	14.14	0.00320
106.07	21.21	0.00367	98.99	28.28	0.00418
91.92	35.36	0.00469	84.85	42.43	0.00511
81.32	45.96	0.00524	77.78	49.50	0.00527
75.66	51.62	0.00524	74.25	53.03	0.00519
72.83	54.45	0.00513	71.42	55.86	0.00505
70.00	57.28	0.00496	57.28	70.00	0.00219
55.86	71.42	0.00214	54.45	72.83	0.00211
53.03	74.25	0.00208	51.62	75.66	0.00205
49.50	77.78	0.00200	45.96	81.32	0.00190
42.43	84.85	0.00178	35.36	91.92	0.00154
28.28	98.99	0.00130	21.21	106.07	0.00110
14.14	113.14	0.00094	7.07	120.21	0.00080
0.00	127.28	0.00069	-7.07	134.35	0.00060
127.28	-14.14	0.00203	120.21	-7.07	0.00233
113.14	0.00	0.00267	106.07	7.07	0.00308
98.99	14.14	0.00355	91.92	21.21	0.00407
84.85	28.28	0.00460	77.78	35.36	0.00505
74.25	38.89	0.00520	70.71	42.43	0.00525
68.59	44.55	0.00523	67.18	45.96	0.00519
65.76	47.38	0.00512	64.35	48.79	0.00505
62.93	50.20	0.00496	50.20	62.93	0.00221
48.79	64.35	0.00217	47.38	65.76	0.00214
45.96	67.18	0.00212	44.55	68.59	0.00209
42.43	70.71	0.00204	38.89	74.25	0.00194
35.36	77.78	0.00183	28.28	84.85	0.00159
21.21	91.92	0.00136	14.14	98.99	0.00115
7.07	106.07	0.00098	0.00	113.14	0.00084
-7.07	120.21	0.00072	-14.14	127.28	0.00063
120.21	-21.21	0.00188	113.14	-14.14	0.00214
106.07	-7.07	0.00246	98.99	0.00	0.00283
91.92	7.07	0.00327	84.85	14.14	0.00378
77.78	21.21	0.00432	70.71	28.28	0.00482



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00500	63.64	35.36	0.00510
61.52	37.48	0.00511	60.10	38.89	0.00508
58.69	40.31	0.00503	57.28	41.72	0.00496
55.86	43.13	0.00489	43.13	55.86	0.00220
41.72	57.28	0.00216	40.31	58.69	0.00213
38.89	60.10	0.00210	37.48	61.52	0.00208

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00203	31.82	67.18	0.00194
28.28	70.71	0.00184	21.21	77.78	0.00161
14.14	84.85	0.00138	7.07	91.92	0.00117
0.00	98.99	0.00100	-7.07	106.07	0.00085
-14.14	113.14	0.00074	-21.21	120.21	0.00064
113.14	-28.28	0.00168	106.07	-21.21	0.00190
98.99	-14.14	0.00216	91.92	-7.07	0.00246
84.85	0.00	0.00283	77.78	7.07	0.00325
70.71	14.14	0.00374	63.64	21.21	0.00425
60.10	24.75	0.00449	56.57	28.28	0.00466
54.45	30.41	0.00472	53.03	31.82	0.00473
51.62	33.23	0.00472	50.20	34.65	0.00469
48.79	36.06	0.00466	36.06	48.79	0.00212
34.65	50.20	0.00208	33.23	51.62	0.00206
31.82	53.03	0.00204	30.41	54.45	0.00202
28.28	56.57	0.00198	24.75	60.10	0.00189
21.21	63.64	0.00178	14.14	70.71	0.00156
7.07	77.78	0.00134	0.00	84.85	0.00115
-7.07	91.92	0.00098	-14.14	98.99	0.00084
-21.21	106.07	0.00073	-28.28	113.14	0.00063
106.07	-35.36	0.00145	98.99	-28.28	0.00161
91.92	-21.21	0.00180	84.85	-14.14	0.00202
77.78	-7.07	0.00227	70.71	0.00	0.00254
63.64	7.07	0.00284	56.57	14.14	0.00314
53.03	17.68	0.00328	49.50	21.21	0.00342
47.38	23.33	0.00350	45.96	24.75	0.00355
44.55	26.16	0.00362	43.13	27.58	0.00369
41.72	28.99	0.00379	28.99	41.72	0.00194

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00190	26.16	44.55	0.00187
24.75	45.96	0.00185	23.33	47.38	0.00182
21.21	49.50	0.00178	17.68	53.03	0.00171
14.14	56.57	0.00161	7.07	63.64	0.00142
0.00	70.71	0.00124	-7.07	77.78	0.00107
-14.14	84.85	0.00092	-21.21	91.92	0.00080
-28.28	98.99	0.00069	-35.36	106.07	0.00061
98.99	-42.43	0.00121	91.92	-35.36	0.00132
84.85	-28.28	0.00144	77.78	-21.21	0.00157
70.71	-14.14	0.00170	63.64	-7.07	0.00181
56.57	0.00	0.00190	49.50	7.07	0.00190
45.96	10.61	0.00186	42.43	14.14	0.00177

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 91  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00169	38.89	17.68	0.00163
37.48	19.09	0.00156	36.06	20.51	0.00149
34.65	21.92	0.00141	21.92	34.65	0.00121
20.51	36.06	0.00123	19.09	37.48	0.00125
17.68	38.89	0.00127	16.26	40.31	0.00128
14.14	42.43	0.00129	10.61	45.96	0.00129
7.07	49.50	0.00126	0.00	56.57	0.00117
-7.07	63.64	0.00105	-14.14	70.71	0.00093
-21.21	77.78	0.00082	-28.28	84.85	0.00072
-35.36	91.92	0.00064	-42.43	98.99	0.00056
91.92	-49.50	0.00099	84.85	-42.43	0.00106
77.78	-35.36	0.00113	70.71	-28.28	0.00119
63.64	-21.21	0.00124	56.57	-14.14	0.00126
49.50	-7.07	0.00125	42.43	0.00	0.00119
38.89	3.54	0.00114	35.36	7.07	0.00108
33.23	9.19	0.00104	31.82	10.61	0.00102
30.41	12.02	0.00100	28.99	13.44	0.00098
27.58	14.85	0.00095	14.85	27.58	0.00084
13.44	28.99	0.00086	12.02	30.41	0.00087
10.61	31.82	0.00089	9.19	33.23	0.00090
7.07	35.36	0.00092	3.54	38.89	0.00094
0.00	42.43	0.00094	-7.07	49.50	0.00090

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00078
-28.28	70.71	0.00070	-35.36	77.78	0.00063
-42.43	84.85	0.00057	-49.50	91.92	0.00051
84.85	-56.57	0.00080	77.78	-49.50	0.00084
70.71	-42.43	0.00087	63.64	-35.36	0.00090
56.57	-28.28	0.00091	49.50	-21.21	0.00090
42.43	-14.14	0.00088	35.36	-7.07	0.00085
31.82	-3.54	0.00083	28.28	0.00	0.00081
26.16	2.12	0.00080	24.75	3.54	0.00079
23.33	4.95	0.00078	21.92	6.36	0.00077
20.51	7.78	0.00075	7.78	20.51	0.00067
6.36	21.92	0.00067	4.95	23.33	0.00068
3.54	24.75	0.00068	2.12	26.16	0.00069
0.00	28.28	0.00070	-3.54	31.82	0.00071
-7.07	35.36	0.00072	-14.14	42.43	0.00072
-21.21	49.50	0.00068	-28.28	56.57	0.00064
-35.36	63.64	0.00059	-42.43	70.71	0.00055
-49.50	77.78	0.00050	-56.57	84.85	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00065	70.71	-56.57	0.00067
63.64	-49.50	0.00068	56.57	-42.43	0.00069
49.50	-35.36	0.00069	42.43	-28.28	0.00068
35.36	-21.21	0.00068	28.28	-14.14	0.00067
24.75	-10.61	0.00066	21.21	-7.07	0.00066
19.09	-4.95	0.00065	17.68	-3.54	0.00064
16.26	-2.12	0.00063	14.85	-0.71	0.00062
13.44	0.71	0.00061	0.71	13.44	0.00054
-0.71	14.85	0.00055	-2.12	16.26	0.00055
-3.54	17.68	0.00055	-4.95	19.09	0.00056
-7.07	21.21	0.00056	-10.61	24.75	0.00056
-14.14	28.28	0.00057	-21.21	35.36	0.00058
-28.28	42.43	0.00056	-35.36	49.50	0.00053
-42.43	56.57	0.00050	-49.50	63.64	0.00047
-56.57	70.71	0.00044	-63.64	77.78	0.00040
70.71	-70.71	0.00053	63.64	-63.64	0.00053

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00054	49.50	-49.50	0.00054
42.43	-42.43	0.00054	35.36	-35.36	0.00054
28.28	-28.28	0.00054	21.21	-21.21	0.00055
17.68	-17.68	0.00055	14.14	-14.14	0.00054
12.02	-12.02	0.00054	10.61	-10.61	0.00053
9.19	-9.19	0.00052	7.78	-7.78	0.00051
6.36	-6.36	0.00050	-6.36	6.36	0.00045
-7.78	7.78	0.00045	-9.19	9.19	0.00045
-10.61	10.61	0.00046	-12.02	12.02	0.00046
-14.14	14.14	0.00046	-17.68	17.68	0.00046
-21.21	21.21	0.00046	-28.28	28.28	0.00047
-35.36	35.36	0.00047	-42.43	42.43	0.00045
-49.50	49.50	0.00043	-56.57	56.57	0.00041
-63.64	63.64	0.00038	-70.71	70.71	0.00035
63.64	-77.78	0.00043	56.57	-70.71	0.00044
49.50	-63.64	0.00044	42.43	-56.57	0.00044
35.36	-49.50	0.00044	28.28	-42.43	0.00045
21.21	-35.36	0.00045	14.14	-28.28	0.00046
10.61	-24.75	0.00046	7.07	-21.21	0.00045
4.95	-19.09	0.00044	3.54	-17.68	0.00044
2.12	-16.26	0.00043	0.71	-14.85	0.00042
-0.71	-13.44	0.00041	-13.44	-0.71	0.00038
-14.85	0.71	0.00038	-16.26	2.12	0.00038
-17.68	3.54	0.00038	-19.09	4.95	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00039	-24.75	10.61	0.00039
-28.28	14.14	0.00039	-35.36	21.21	0.00039
-42.43	28.28	0.00039	-49.50	35.36	0.00038
-56.57	42.43	0.00037	-63.64	49.50	0.00035
-70.71	56.57	0.00033	-77.78	63.64	0.00032
56.57	-84.85	0.00036	49.50	-77.78	0.00036
42.43	-70.71	0.00037	35.36	-63.64	0.00037
28.28	-56.57	0.00037	21.21	-49.50	0.00038
14.14	-42.43	0.00039	7.07	-35.36	0.00039
3.54	-31.82	0.00039	0.00	-28.28	0.00038

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00037	-3.54	-24.75	0.00037
-4.95	-23.33	0.00036	-6.36	-21.92	0.00035
-7.78	-20.51	0.00035	-20.51	-7.78	0.00032
-21.92	-6.36	0.00032	-23.33	-4.95	0.00032
-24.75	-3.54	0.00032	-26.16	-2.12	0.00032
-28.28	0.00	0.00033	-31.82	3.54	0.00033
-35.36	7.07	0.00033	-42.43	14.14	0.00033
-49.50	21.21	0.00032	-56.57	28.28	0.00032
-63.64	35.36	0.00032	-70.71	42.43	0.00031
-77.78	49.50	0.00030	-84.85	56.57	0.00028
49.50	-91.92	0.00031	42.43	-84.85	0.00031
35.36	-77.78	0.00031	28.28	-70.71	0.00031
21.21	-63.64	0.00032	14.14	-56.57	0.00033
7.07	-49.50	0.00034	0.00	-42.43	0.00034
-3.54	-38.89	0.00033	-7.07	-35.36	0.00032
-9.19	-33.23	0.00032	-10.61	-31.82	0.00031
-12.02	-30.41	0.00031	-13.44	-28.99	0.00030
-14.85	-27.58	0.00030	-27.58	-14.85	0.00027
-28.99	-13.44	0.00028	-30.41	-12.02	0.00028
-31.82	-10.61	0.00028	-33.23	-9.19	0.00028
-35.36	-7.07	0.00028	-38.89	-3.54	0.00028
-42.43	0.00	0.00028	-49.50	7.07	0.00028
-56.57	14.14	0.00028	-63.64	21.21	0.00027
-70.71	28.28	0.00027	-77.78	35.36	0.00027
-84.85	42.43	0.00026	-91.92	49.50	0.00025
42.43	-98.99	0.00026	35.36	-91.92	0.00027
28.28	-84.85	0.00027	21.21	-77.78	0.00027
14.14	-70.71	0.00028	7.07	-63.64	0.00029
0.00	-56.57	0.00029	-7.07	-49.50	0.00029
-10.61	-45.96	0.00028	-14.14	-42.43	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00027	-17.68	-38.89	0.00027
-19.09	-37.48	0.00026	-20.51	-36.06	0.00026
-21.92	-34.65	0.00025	-34.65	-21.92	0.00024
-36.06	-20.51	0.00024	-37.48	-19.09	0.00024

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00024	-40.31	-16.26	0.00024
-42.43	-14.14	0.00024	-45.96	-10.61	0.00024
-49.50	-7.07	0.00024	-56.57	0.00	0.00024
-63.64	7.07	0.00024	-70.71	14.14	0.00024
-77.78	21.21	0.00024	-84.85	28.28	0.00023
-91.92	35.36	0.00023	-98.99	42.43	0.00022
35.36	-106.07	0.00023	28.28	-98.99	0.00023
21.21	-91.92	0.00023	14.14	-84.85	0.00024
7.07	-77.78	0.00025	0.00	-70.71	0.00025
-7.07	-63.64	0.00026	-14.14	-56.57	0.00025
-17.68	-53.03	0.00025	-21.21	-49.50	0.00024
-23.33	-47.38	0.00023	-24.75	-45.96	0.00023
-26.16	-44.55	0.00023	-27.58	-43.13	0.00022
-28.99	-41.72	0.00022	-41.72	-28.99	0.00021
-43.13	-27.58	0.00021	-44.55	-26.16	0.00021
-45.96	-24.75	0.00021	-47.38	-23.33	0.00021
-49.50	-21.21	0.00021	-53.03	-17.68	0.00021
-56.57	-14.14	0.00021	-63.64	-7.07	0.00021
-70.71	0.00	0.00021	-77.78	7.07	0.00021
-84.85	14.14	0.00021	-91.92	21.21	0.00020
-98.99	28.28	0.00020	-106.07	35.36	0.00020
28.28	-113.14	0.00020	21.21	-106.07	0.00020
14.14	-98.99	0.00021	7.07	-91.92	0.00021
0.00	-84.85	0.00022	-7.07	-77.78	0.00023
-14.14	-70.71	0.00023	-21.21	-63.64	0.00022
-24.75	-60.10	0.00021	-28.28	-56.57	0.00021
-30.41	-54.45	0.00020	-31.82	-53.03	0.00020
-33.23	-51.62	0.00020	-34.65	-50.20	0.00020
-36.06	-48.79	0.00019	-48.79	-36.06	0.00018
-50.20	-34.65	0.00018	-51.62	-33.23	0.00018
-53.03	-31.82	0.00018	-54.45	-30.41	0.00018
-56.57	-28.28	0.00018	-60.10	-24.75	0.00019
-63.64	-21.21	0.00019	-70.71	-14.14	0.00019
-77.78	-7.07	0.00019	-84.85	0.00	0.00018
-91.92	7.07	0.00018	-98.99	14.14	0.00018
-106.07	21.21	0.00018	-113.14	28.28	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00018	14.14	-113.14	0.00018
7.07	-106.07	0.00019	0.00	-98.99	0.00019
-7.07	-91.92	0.00020	-14.14	-84.85	0.00020
-21.21	-77.78	0.00020	-28.28	-70.71	0.00019
-31.82	-67.18	0.00019	-35.36	-63.64	0.00018
-37.48	-61.52	0.00018	-38.89	-60.10	0.00018
-40.31	-58.69	0.00018	-41.72	-57.28	0.00017
-43.13	-55.86	0.00017	-55.86	-43.13	0.00016
-57.28	-41.72	0.00016	-58.69	-40.31	0.00016
-60.10	-38.89	0.00016	-61.52	-37.48	0.00016
-63.64	-35.36	0.00016	-67.18	-31.82	0.00016
-70.71	-28.28	0.00016	-77.78	-21.21	0.00017
-84.85	-14.14	0.00017	-91.92	-7.07	0.00017
-98.99	0.00	0.00016	-106.07	7.07	0.00016
-113.14	14.14	0.00016	-120.21	21.21	0.00016
14.14	-127.28	0.00016	7.07	-120.21	0.00017
0.00	-113.14	0.00017	-7.07	-106.07	0.00017
-14.14	-98.99	0.00018	-21.21	-91.92	0.00018
-28.28	-84.85	0.00018	-35.36	-77.78	0.00017
-38.89	-74.25	0.00017	-42.43	-70.71	0.00016
-44.55	-68.59	0.00016	-45.96	-67.18	0.00016
-47.38	-65.76	0.00016	-48.79	-64.35	0.00016
-50.20	-62.93	0.00015	-62.93	-50.20	0.00015
-64.35	-48.79	0.00015	-65.76	-47.38	0.00015
-67.18	-45.96	0.00015	-68.59	-44.55	0.00015
-70.71	-42.43	0.00015	-74.25	-38.89	0.00015
-77.78	-35.36	0.00015	-84.85	-28.28	0.00015
-91.92	-21.21	0.00015	-98.99	-14.14	0.00015
-106.07	-7.07	0.00015	-113.14	0.00	0.00014
-120.21	7.07	0.00014	-127.28	14.14	0.00014
7.07	-134.35	0.00015	0.00	-127.28	0.00015
-7.07	-120.21	0.00015	-14.14	-113.14	0.00016
-21.21	-106.07	0.00016	-28.28	-98.99	0.00016
-35.36	-91.92	0.00016	-42.43	-84.85	0.00015
-45.96	-81.32	0.00015	-49.50	-77.78	0.00015
-51.62	-75.66	0.00014	-53.03	-74.25	0.00014
-54.45	-72.83	0.00014	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00013
-71.42	-55.86	0.00013	-72.83	-54.45	0.00013
-74.25	-53.03	0.00013	-75.66	-51.62	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-77.78	-49.50	0.00013	-81.32	-45.96	0.00013	
-84.85	-42.43	0.00013	-91.92	-35.36	0.00013	
-98.99	-28.28	0.00013	-106.07	-21.21	0.00013	
-113.14	-14.14	0.00013	-120.21	-7.07	0.00013	
-127.28	0.00	0.00013	-134.35	7.07	0.00013	
0.00	-141.42	0.00013	-7.07	-134.35	0.00014	
-14.14	-127.28	0.00014	-21.21	-120.21	0.00015	
-28.28	-113.14	0.00015	-35.36	-106.07	0.00015	
-42.43	-98.99	0.00014	-49.50	-91.92	0.00014	
-53.03	-88.39	0.00013	-56.57	-84.85	0.00013	
-58.69	-82.73	0.00013	-60.10	-81.32	0.00013	
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013	
-64.35	-77.07	0.00012	-77.07	-64.35	0.00012	
-78.49	-62.93	0.00012	-79.90	-61.52	0.00012	
-81.32	-60.10	0.00012	-82.73	-58.69	0.00012	
-84.85	-56.57	0.00012	-88.39	-53.03	0.00012	
-91.92	-49.50	0.00012	-98.99	-42.43	0.00012	
-106.07	-35.36	0.00012	-113.14	-28.28	0.00012	
-120.21	-21.21	0.00012	-127.28	-14.14	0.00012	
-134.35	-7.07	0.00012	-141.42	0.00	0.00011	
-7.07	-148.49	0.00012	-14.14	-141.42	0.00013	
-21.21	-134.35	0.00013	-28.28	-127.28	0.00013	
-35.36	-120.21	0.00013	-42.43	-113.14	0.00013	
-49.50	-106.07	0.00013	-56.57	-98.99	0.00012	
-60.10	-95.46	0.00012	-63.64	-91.92	0.00012	
-65.76	-89.80	0.00012	-67.18	-88.39	0.00012	
-68.59	-86.97	0.00011	-70.00	-85.56	0.00011	
-71.42	-84.15	0.00011	-84.15	-71.42	0.00011	
-85.56	-70.00	0.00011	-86.97	-68.59	0.00011	
-88.39	-67.18	0.00011	-89.80	-65.76	0.00011	
-91.92	-63.64	0.00011	-95.46	-60.10	0.00011	
-98.99	-56.57	0.00011	-106.07	-49.50	0.00011	
-113.14	-42.43	0.00011	-120.21	-35.36	0.00011	
-127.28	-28.28	0.00011	-134.35	-21.21	0.00011	
-141.42	-14.14	0.00011	-148.49	-7.07	0.00010	
-14.14	-155.56	0.00011	-21.21	-148.49	0.00012	



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00012	-35.36	-134.35	0.00012
-42.43	-127.28	0.00012	-49.50	-120.21	0.00012
-56.57	-113.14	0.00012	-63.64	-106.07	0.00011
-67.18	-102.53	0.00011	-70.71	-98.99	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00011	-74.25	-95.46	0.00011
-75.66	-94.05	0.00010	-77.07	-92.63	0.00010
-78.49	-91.22	0.00010	-91.22	-78.49	0.00010
-92.63	-77.07	0.00010	-94.05	-75.66	0.00010
-95.46	-74.25	0.00010	-96.87	-72.83	0.00010
-98.99	-70.71	0.00010	-102.53	-67.18	0.00010
-106.07	-63.64	0.00010	-113.14	-56.57	0.00010
-120.21	-49.50	0.00010	-127.28	-42.43	0.00010
-134.35	-35.36	0.00010	-141.42	-28.28	0.00010
-148.49	-21.21	0.00010	-155.56	-14.14	0.00010
-21.21	-162.63	0.00011	-28.28	-155.56	0.00011
-35.36	-148.49	0.00011	-42.43	-141.42	0.00011
-49.50	-134.35	0.00011	-56.57	-127.28	0.00011
-63.64	-120.21	0.00011	-70.71	-113.14	0.00010
-74.25	-109.60	0.00010	-77.78	-106.07	0.00010
-79.90	-103.94	0.00010	-81.32	-102.53	0.00010
-82.73	-101.12	0.00010	-84.15	-99.70	0.00010
-85.56	-98.29	0.00009	-98.29	-85.56	0.00009
-99.70	-84.15	0.00009	-101.12	-82.73	0.00009
-102.53	-81.32	0.00009	-103.94	-79.90	0.00009
-106.07	-77.78	0.00009	-109.60	-74.25	0.00009
-113.14	-70.71	0.00009	-120.21	-63.64	0.00009
-127.28	-56.57	0.00009	-134.35	-49.50	0.00009
-141.42	-42.43	0.00009	-148.49	-35.36	0.00009
-155.56	-28.28	0.00009	-162.63	-21.21	0.00009
-28.28	-169.71	0.00010	-35.36	-162.63	0.00010
-42.43	-155.56	0.00010	-49.50	-148.49	0.00010
-56.57	-141.42	0.00010	-63.64	-134.35	0.00010
-70.71	-127.28	0.00010	-77.78	-120.21	0.00009
-81.32	-116.67	0.00009	-84.85	-113.14	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-105.36	-92.63	0.00008
-106.77	-91.22	0.00008	-108.19	-89.80	0.00008
-109.60	-88.39	0.00008	-111.02	-86.97	0.00008
-113.14	-84.85	0.00008	-116.67	-81.32	0.00008
-120.21	-77.78	0.00008	-127.28	-70.71	0.00008
-134.35	-63.64	0.00008	-141.42	-56.57	0.00009
-148.49	-49.50	0.00009	-155.56	-42.43	0.00009
-162.63	-35.36	0.00008	-169.71	-28.28	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00009	-42.43	-169.71	0.00009
-49.50	-162.63	0.00010	-56.57	-155.56	0.00010
-63.64	-148.49	0.00010	-70.71	-141.42	0.00009
-77.78	-134.35	0.00009	-84.85	-127.28	0.00009
-88.39	-123.74	0.00008	-91.92	-120.21	0.00008
-94.05	-118.09	0.00008	-95.46	-116.67	0.00008
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00008
-113.84	-98.29	0.00008	-115.26	-96.87	0.00008
-116.67	-95.46	0.00008	-118.09	-94.05	0.00008
-120.21	-91.92	0.00008	-123.74	-88.39	0.00008
-127.28	-84.85	0.00008	-134.35	-77.78	0.00008
-141.42	-70.71	0.00008	-148.49	-63.64	0.00008
-155.56	-56.57	0.00008	-162.63	-49.50	0.00008
-169.71	-42.43	0.00008	-176.78	-35.36	0.00008
-42.43	-183.85	0.00009	-49.50	-176.78	0.00009
-56.57	-169.71	0.00009	-63.64	-162.63	0.00009
-70.71	-155.56	0.00009	-77.78	-148.49	0.00009
-84.85	-141.42	0.00008	-91.92	-134.35	0.00008
-95.46	-130.81	0.00008	-98.99	-127.28	0.00008
-101.12	-125.16	0.00008	-102.53	-123.74	0.00008
-103.94	-122.33	0.00008	-105.36	-120.92	0.00007
-106.77	-119.50	0.00007	-119.50	-106.77	0.00007
-120.92	-105.36	0.00007	-122.33	-103.94	0.00007

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00007	-125.16	-101.12	0.00007
-127.28	-98.99	0.00007	-130.81	-95.46	0.00007
-134.35	-91.92	0.00007	-141.42	-84.85	0.00007
-148.49	-77.78	0.00007	-155.56	-70.71	0.00007
-162.63	-63.64	0.00007	-169.71	-56.57	0.00007
-176.78	-49.50	0.00007	-183.85	-42.43	0.00007
-49.50	-190.92	0.00008	-56.57	-183.85	0.00008
-63.64	-176.78	0.00008	-70.71	-169.71	0.00008
-77.78	-162.63	0.00008	-84.85	-155.56	0.00008
-91.92	-148.49	0.00008	-98.99	-141.42	0.00007
-102.53	-137.89	0.00007	-106.07	-134.35	0.00007
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00007
-127.99	-112.43	0.00007	-129.40	-111.02	0.00007
-130.81	-109.60	0.00007	-132.23	-108.19	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00007	-137.89	-102.53	0.00007
-141.42	-98.99	0.00007	-148.49	-91.92	0.00007
-155.56	-84.85	0.00007	-162.63	-77.78	0.00007
-169.71	-70.71	0.00007	-176.78	-63.64	0.00007
-183.85	-56.57	0.00007	-190.92	-49.50	0.00007
-56.57	-197.99	0.00008	-63.64	-190.92	0.00008
-70.71	-183.85	0.00008	-77.78	-176.78	0.00008
-84.85	-169.71	0.00008	-91.92	-162.63	0.00007
-98.99	-155.56	0.00007	-106.07	-148.49	0.00007
-109.60	-144.96	0.00007	-113.14	-141.42	0.00007
-115.26	-139.30	0.00007	-116.67	-137.89	0.00007
-118.09	-136.47	0.00007	-119.50	-135.06	0.00006
-120.92	-133.64	0.00006	-133.64	-120.92	0.00006
-135.06	-119.50	0.00006	-136.47	-118.09	0.00006
-137.89	-116.67	0.00006	-139.30	-115.26	0.00006
-141.42	-113.14	0.00006	-144.96	-109.60	0.00006
-148.49	-106.07	0.00006	-155.56	-98.99	0.00006
-162.63	-91.92	0.00006	-169.71	-84.85	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00006	-183.85	-70.71	0.00006
-190.92	-63.64	0.00006	-197.99	-56.57	0.00006
-63.64	-205.06	0.00007	-70.71	-197.99	0.00007
-77.78	-190.92	0.00007	-84.85	-183.85	0.00007
-91.92	-176.78	0.00007	-98.99	-169.71	0.00007
-106.07	-162.63	0.00007	-113.14	-155.56	0.00006
-116.67	-152.03	0.00006	-120.21	-148.49	0.00006
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00006
-142.13	-126.57	0.00006	-143.54	-125.16	0.00006
-144.96	-123.74	0.00006	-146.37	-122.33	0.00006
-148.49	-120.21	0.00006	-152.03	-116.67	0.00006
-155.56	-113.14	0.00006	-162.63	-106.07	0.00006
-169.71	-98.99	0.00006	-176.78	-91.92	0.00006
-183.85	-84.85	0.00006	-190.92	-77.78	0.00006
-197.99	-70.71	0.00006	-205.06	-63.64	0.00006
-70.71	-212.13	0.00007	-77.78	-205.06	0.00007
-84.85	-197.99	0.00007	-91.92	-190.92	0.00007
-98.99	-183.85	0.00007	-106.07	-176.78	0.00006
-113.14	-169.71	0.00006	-120.21	-162.63	0.00006
-123.74	-159.10	0.00006	-127.28	-155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00006	-130.81	-152.03	0.00006
-132.23	-150.61	0.00006	-133.64	-149.20	0.00006
-135.06	-147.79	0.00006	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00005	-183.85	-98.99	0.00005
-190.92	-91.92	0.00006	-197.99	-84.85	0.00006
-205.06	-77.78	0.00006	-212.13	-70.71	0.00006
-77.78	-219.20	0.00006	-84.85	-212.13	0.00006
-91.92	-205.06	0.00006	-98.99	-197.99	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-190.92	0.00006	-113.14	-183.85	0.00006
-120.21	-176.78	0.00006	-127.28	-169.71	0.00006
-130.81	-166.17	0.00006	-134.35	-162.63	0.00005
-136.47	-160.51	0.00005	-137.89	-159.10	0.00005
-139.30	-157.68	0.00005	-140.71	-156.27	0.00005
-142.13	-154.86	0.00005	-154.86	-142.13	0.00005
-156.27	-140.71	0.00005	-157.68	-139.30	0.00005
-159.10	-137.89	0.00005	-160.51	-136.47	0.00005
-162.63	-134.35	0.00005	-166.17	-130.81	0.00005
-169.71	-127.28	0.00005	-176.78	-120.21	0.00005
-183.85	-113.14	0.00005	-190.92	-106.07	0.00005
-197.99	-98.99	0.00005	-205.06	-91.92	0.00005
-212.13	-84.85	0.00005	-219.20	-77.78	0.00005
-84.85	-226.27	0.00006	-91.92	-219.20	0.00006
-98.99	-212.13	0.00006	-106.07	-205.06	0.00006
-113.14	-197.99	0.00006	-120.21	-190.92	0.00006
-127.28	-183.85	0.00005	-134.35	-176.78	0.00005
-137.89	-173.24	0.00005	-141.42	-169.71	0.00005
-143.54	-167.58	0.00005	-144.96	-166.17	0.00005
-146.37	-164.76	0.00005	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00005
-163.34	-147.79	0.00005	-164.76	-146.37	0.00005
-166.17	-144.96	0.00005	-167.58	-143.54	0.00005
-169.71	-141.42	0.00005	-173.24	-137.89	0.00005
-176.78	-134.35	0.00005	-183.85	-127.28	0.00005
-190.92	-120.21	0.00005	-197.99	-113.14	0.00005
-205.06	-106.07	0.00005	-212.13	-98.99	0.00005
-219.20	-91.92	0.00005	-226.27	-84.85	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

14:47:10

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00006	-98.99	-226.27	0.00006
-106.07	-219.20	0.00006	-113.14	-212.13	0.00006
-120.21	-205.06	0.00005	-127.28	-197.99	0.00005
-134.35	-190.92	0.00005	-141.42	-183.85	0.00005
-144.96	-180.31	0.00005	-148.49	-176.78	0.00005
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00005
-170.41	-154.86	0.00005	-171.83	-153.44	0.00005
-173.24	-152.03	0.00005	-174.66	-150.61	0.00005
-176.78	-148.49	0.00005	-180.31	-144.96	0.00005
-183.85	-141.42	0.00005	-190.92	-134.35	0.00005
-197.99	-127.28	0.00005	-205.06	-120.21	0.00005
-212.13	-113.14	0.00005	-219.20	-106.07	0.00005
-226.27	-98.99	0.00005	-233.35	-91.92	0.00005
-98.99	-240.42	0.00005	-106.07	-233.35	0.00005
-113.14	-226.27	0.00005	-120.21	-219.20	0.00005
-127.28	-212.13	0.00005	-134.35	-205.06	0.00005
-141.42	-197.99	0.00005	-148.49	-190.92	0.00005
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-159.10	-180.31	0.00004
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-176.07	-163.34	0.00004
-177.48	-161.93	0.00004	-178.90	-160.51	0.00004
-180.31	-159.10	0.00004	-181.73	-157.68	0.00004
-183.85	-155.56	0.00004	-187.38	-152.03	0.00004
-190.92	-148.49	0.00004	-197.99	-141.42	0.00004
-205.06	-134.35	0.00004	-212.13	-127.28	0.00004
-219.20	-120.21	0.00004	-226.27	-113.14	0.00004
-233.35	-106.07	0.00004	-240.42	-98.99	0.00004
-106.07	-247.49	0.00005	-113.14	-240.42	0.00005
-120.21	-233.35	0.00005	-127.28	-226.27	0.00005
-134.35	-219.20	0.00005	-141.42	-212.13	0.00005
-148.49	-205.06	0.00005	-155.56	-197.99	0.00004
-159.10	-194.45	0.00004	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-167.58	-185.97	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00004
-184.55	-169.00	0.00004	-185.97	-167.58	0.00004
-187.38	-166.17	0.00004	-188.80	-164.76	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00004	-194.45	-159.10	0.00004
-197.99	-155.56	0.00004	-205.06	-148.49	0.00004
-212.13	-141.42	0.00004	-219.20	-134.35	0.00004
-226.27	-127.28	0.00004	-233.35	-120.21	0.00004
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00104	240.42	113.14	0.00109
233.35	120.21	0.00113	226.27	127.28	0.00115
219.20	134.35	0.00114	212.13	141.42	0.00109
205.06	148.49	0.00100	197.99	155.56	0.00086
194.45	159.10	0.00078	190.92	162.63	0.00070
188.80	164.76	0.00065	187.38	166.17	0.00062
185.97	167.58	0.00059	184.55	169.00	0.00057
183.14	170.41	0.00054	170.41	183.14	0.00037
169.00	184.55	0.00036	167.58	185.97	0.00035
166.17	187.38	0.00035	164.76	188.80	0.00034
162.63	190.92	0.00034	159.10	194.45	0.00032
155.56	197.99	0.00030	148.49	205.06	0.00028
141.42	212.13	0.00026	134.35	219.20	0.00024
127.28	226.27	0.00022	120.21	233.35	0.00020
113.14	240.42	0.00019	106.07	247.49	0.00017
240.42	98.99	0.00128	233.35	106.07	0.00137
226.27	113.14	0.00147	219.20	120.21	0.00156
212.13	127.28	0.00163	205.06	134.35	0.00166
197.99	141.42	0.00163	190.92	148.49	0.00148
187.38	152.03	0.00136	183.85	155.56	0.00120
181.73	157.68	0.00110	180.31	159.10	0.00103
178.90	160.51	0.00095	177.48	161.93	0.00088
176.07	163.34	0.00082	163.34	176.07	0.00049
161.93	177.48	0.00048	160.51	178.90	0.00047
159.10	180.31	0.00046	157.68	181.73	0.00045
155.56	183.85	0.00044	152.03	187.38	0.00042
148.49	190.92	0.00041	141.42	197.99	0.00037
134.35	205.06	0.00034	127.28	212.13	0.00031
120.21	219.20	0.00028	113.14	226.27	0.00026

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00024	98.99	240.42	0.00022
233.35	91.92	0.00153	226.27	98.99	0.00168
219.20	106.07	0.00184	212.13	113.14	0.00202
205.06	120.21	0.00221	197.99	127.28	0.00240
190.92	134.35	0.00256	183.85	141.42	0.00263
180.31	144.96	0.00260	176.78	148.49	0.00249
174.66	150.61	0.00236	173.24	152.03	0.00224
171.83	153.44	0.00210	170.41	154.86	0.00193
169.00	156.27	0.00172	156.27	169.00	0.00071
154.86	170.41	0.00070	153.44	171.83	0.00070
152.03	173.24	0.00069	150.61	174.66	0.00068

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00067	144.96	180.31	0.00064
141.42	183.85	0.00061	134.35	190.92	0.00055
127.28	197.99	0.00049	120.21	205.06	0.00043
113.14	212.13	0.00038	106.07	219.20	0.00034
99.00	226.27	0.00031	91.92	233.35	0.00028
226.27	84.85	0.00176	219.20	91.92	0.00197
212.13	98.99	0.00220	205.06	106.07	0.00247
197.99	113.14	0.00279	190.92	120.21	0.00314
183.85	127.28	0.00352	176.78	134.35	0.00389
173.24	137.89	0.00405	169.71	141.42	0.00415
167.58	143.54	0.00418	166.17	144.96	0.00418
164.76	146.37	0.00417	163.34	147.79	0.00416
161.93	149.20	0.00414	149.20	161.93	0.00146
147.79	163.34	0.00139	146.37	164.76	0.00134
144.96	166.17	0.00129	143.54	167.58	0.00125
141.42	169.71	0.00118	137.89	173.24	0.00109
134.35	176.78	0.00099	127.28	183.85	0.00083
120.21	190.92	0.00070	113.14	197.99	0.00059
106.07	205.06	0.00051	99.00	212.13	0.00045
91.92	219.20	0.00039	84.85	226.27	0.00035
219.20	77.78	0.00195	212.13	84.85	0.00220
205.06	91.92	0.00249	197.99	98.99	0.00283
190.92	106.07	0.00323	183.85	113.14	0.00368



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00417	169.71	127.28	0.00461
166.17	130.81	0.00477	162.63	134.35	0.00485
160.51	136.47	0.00483	159.10	137.89	0.00480
157.68	139.30	0.00474	156.27	140.71	0.00467
154.86	142.13	0.00460	142.13	154.86	0.00183
140.71	156.27	0.00178	139.30	157.68	0.00173
137.89	159.10	0.00169	136.47	160.51	0.00164
134.35	162.63	0.00158	130.81	166.17	0.00146
127.28	169.71	0.00134	120.21	176.78	0.00111
113.14	183.85	0.00092	106.07	190.92	0.00077
99.00	197.99	0.00065	91.92	205.06	0.00056
84.85	212.13	0.00049	77.78	219.20	0.00042
212.13	70.71	0.00208	205.06	77.78	0.00236
197.99	84.85	0.00269	190.92	91.92	0.00308
183.85	98.99	0.00352	176.78	106.07	0.00401
169.71	113.14	0.00451	162.63	120.21	0.00493
159.10	123.74	0.00506	155.56	127.28	0.00510

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00507	152.03	130.81	0.00502
150.61	132.23	0.00494	149.20	133.64	0.00486
147.79	135.06	0.00479	135.06	147.79	0.00201
133.64	149.20	0.00196	132.23	150.61	0.00192
130.81	152.03	0.00189	129.40	153.44	0.00186
127.28	155.56	0.00180	123.74	159.10	0.00168
120.21	162.63	0.00155	113.14	169.71	0.00130
106.07	176.78	0.00109	98.99	183.85	0.00092
91.92	190.92	0.00078	84.85	197.99	0.00066
77.78	205.06	0.00057	70.71	212.13	0.00049
205.06	63.64	0.00214	197.99	70.71	0.00244
190.92	77.78	0.00279	183.85	84.85	0.00320
176.78	91.92	0.00366	169.71	98.99	0.00416
162.63	106.07	0.00466	155.56	113.14	0.00508
152.03	116.67	0.00520	148.49	120.21	0.00522
146.37	122.33	0.00518	144.96	123.74	0.00513
143.54	125.16	0.00507	142.13	126.57	0.00499



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00183	91.92	148.49	0.00159
84.85	155.56	0.00136	77.78	162.63	0.00115
70.71	169.71	0.00098	63.64	176.78	0.00084
56.57	183.85	0.00072	49.50	190.92	0.00063
183.85	42.43	0.00188	176.78	49.50	0.00214
169.71	56.57	0.00246	162.63	63.64	0.00283
155.56	70.71	0.00327	148.49	77.78	0.00378
141.42	84.85	0.00432	134.35	91.92	0.00482
130.81	95.46	0.00500	127.28	98.99	0.00510
125.16	101.12	0.00511	123.74	102.53	0.00508
122.33	103.94	0.00503	120.92	105.36	0.00496
119.50	106.77	0.00489	106.77	119.50	0.00220
105.36	120.92	0.00216	103.94	122.33	0.00213
102.53	123.74	0.00210	101.12	125.16	0.00208
98.99	127.28	0.00203	95.46	130.81	0.00194
91.92	134.35	0.00184	84.85	141.42	0.00161
77.78	148.49	0.00138	70.71	155.56	0.00117
63.64	162.63	0.00100	56.57	169.71	0.00085
49.50	176.78	0.00074	42.43	183.85	0.00064
176.78	35.36	0.00168	169.71	42.43	0.00190
162.63	49.50	0.00216	155.56	56.57	0.00246
148.49	63.64	0.00283	141.42	70.71	0.00325
134.35	77.78	0.00374	127.28	84.85	0.00425
123.74	88.39	0.00449	120.21	91.92	0.00466
118.09	94.05	0.00472	116.67	95.46	0.00473
115.26	96.87	0.00472	113.84	98.29	0.00469
112.43	99.70	0.00466	99.70	112.43	0.00212
98.29	113.84	0.00208	96.87	115.26	0.00206
95.46	116.67	0.00204	94.05	118.09	0.00202

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00198	88.39	123.74	0.00189
84.85	127.28	0.00178	77.78	134.35	0.00156
70.71	141.42	0.00134	63.64	148.49	0.00115
56.57	155.56	0.00098	49.50	162.63	0.00084
42.43	169.71	0.00073	35.36	176.78	0.00063

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00145	162.63	35.36	0.00161
155.56	42.43	0.00180	148.49	49.50	0.00202
141.42	56.57	0.00227	134.35	63.64	0.00254
127.28	70.71	0.00284	120.21	77.78	0.00314
116.67	81.32	0.00328	113.14	84.85	0.00342
111.02	86.97	0.00350	109.60	88.39	0.00355
108.19	89.80	0.00362	106.77	91.22	0.00369
105.36	92.63	0.00379	92.63	105.36	0.00194
91.22	106.77	0.00190	89.80	108.19	0.00187
88.39	109.60	0.00185	86.97	111.02	0.00182
84.85	113.14	0.00178	81.32	116.67	0.00171
77.78	120.21	0.00161	70.71	127.28	0.00142
63.64	134.35	0.00124	56.57	141.42	0.00107
49.50	148.49	0.00092	42.43	155.56	0.00080
35.36	162.63	0.00069	28.28	169.71	0.00061
162.63	21.21	0.00121	155.56	28.28	0.00132
148.49	35.36	0.00144	141.42	42.43	0.00157
134.35	49.50	0.00170	127.28	56.57	0.00181
120.21	63.64	0.00190	113.14	70.71	0.00190
109.60	74.25	0.00186	106.07	77.78	0.00177
103.94	79.90	0.00169	102.53	81.32	0.00163
101.12	82.73	0.00156	99.70	84.15	0.00149
98.29	85.56	0.00141	85.56	98.29	0.00121
84.15	99.70	0.00123	82.73	101.12	0.00125
81.32	102.53	0.00127	79.90	103.94	0.00128
77.78	106.07	0.00129	74.25	109.60	0.00129
70.71	113.14	0.00126	63.64	120.21	0.00117
56.57	127.28	0.00105	49.50	134.35	0.00093
42.43	141.42	0.00082	35.36	148.49	0.00072
28.28	155.56	0.00064	21.21	162.63	0.00056
155.56	14.14	0.00099	148.49	21.21	0.00106
141.42	28.28	0.00113	134.35	35.36	0.00119
127.28	42.43	0.00124	120.21	49.50	0.00126
113.14	56.57	0.00125	106.07	63.64	0.00119
102.53	67.18	0.00114	98.99	70.71	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*  
 14:47:10  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00104	95.46	74.25	0.00102
94.05	75.66	0.00100	92.63	77.07	0.00098
91.22	78.49	0.00095	78.49	91.22	0.00084
77.07	92.63	0.00086	75.66	94.05	0.00087
74.25	95.46	0.00089	72.83	96.87	0.00090
70.71	98.99	0.00092	67.18	102.53	0.00094
63.64	106.07	0.00094	56.57	113.14	0.00090
49.50	120.21	0.00085	42.43	127.28	0.00078
35.36	134.35	0.00070	28.28	141.42	0.00063
21.21	148.49	0.00057	14.14	155.56	0.00051
148.49	7.07	0.00080	141.42	14.14	0.00084
134.35	21.21	0.00087	127.28	28.28	0.00090
120.21	35.36	0.00091	113.14	42.43	0.00090
106.07	49.50	0.00088	98.99	56.57	0.00085
95.46	60.10	0.00083	91.92	63.64	0.00081
89.80	65.76	0.00080	88.39	67.18	0.00079
86.97	68.59	0.00078	85.56	70.00	0.00077
84.15	71.42	0.00075	71.42	84.15	0.00067
70.00	85.56	0.00067	68.59	86.97	0.00068
67.18	88.39	0.00068	65.76	89.80	0.00069
63.64	91.92	0.00070	60.10	95.46	0.00071
56.57	98.99	0.00072	49.50	106.07	0.00072
42.43	113.14	0.00068	35.36	120.21	0.00064
28.28	127.28	0.00059	21.21	134.35	0.00055
14.14	141.42	0.00050	7.07	148.49	0.00045
141.42	0.00	0.00065	134.35	7.07	0.00067
127.28	14.14	0.00068	120.21	21.21	0.00069
113.14	28.28	0.00069	106.07	35.36	0.00068
98.99	42.43	0.00068	91.92	49.50	0.00067
88.39	53.03	0.00066	84.85	56.57	0.00066
82.73	58.69	0.00065	81.32	60.10	0.00064
79.90	61.52	0.00063	78.49	62.93	0.00062
77.07	64.35	0.00060	64.35	77.07	0.00054
62.93	78.49	0.00055	61.52	79.90	0.00055
60.10	81.32	0.00055	58.69	82.73	0.00056
56.57	84.85	0.00056	53.03	88.39	0.00056
49.50	91.92	0.00057	42.43	98.99	0.00058
35.36	106.07	0.00056	28.28	113.14	0.00053
21.21	120.21	0.00050	14.14	127.28	0.00047
7.07	134.35	0.00044	0.00	141.42	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00053	127.28	0.00	0.00053
120.21	7.07	0.00054	113.14	14.14	0.00054
106.07	21.21	0.00054	98.99	28.28	0.00054
91.92	35.36	0.00054	84.85	42.43	0.00055
81.32	45.96	0.00055	77.78	49.50	0.00054
75.66	51.62	0.00054	74.25	53.03	0.00053
72.83	54.45	0.00052	71.42	55.86	0.00051
70.00	57.28	0.00050	57.28	70.00	0.00045
55.86	71.42	0.00045	54.45	72.83	0.00045
53.03	74.25	0.00046	51.62	75.66	0.00046
49.50	77.78	0.00046	45.96	81.32	0.00046
42.43	84.85	0.00046	35.36	91.92	0.00047
28.28	98.99	0.00047	21.21	106.07	0.00045
14.14	113.14	0.00043	7.07	120.21	0.00041
0.00	127.28	0.00038	-7.07	134.35	0.00035
127.28	-14.14	0.00043	120.21	-7.07	0.00044
113.14	0.00	0.00044	106.07	7.07	0.00044
98.99	14.14	0.00044	91.92	21.21	0.00045
84.85	28.28	0.00045	77.78	35.36	0.00046
74.25	38.89	0.00046	70.71	42.43	0.00045
68.59	44.55	0.00044	67.18	45.96	0.00044
65.76	47.38	0.00043	64.35	48.79	0.00042
62.93	50.20	0.00041	50.20	62.93	0.00038
48.79	64.35	0.00038	47.38	65.76	0.00038
45.96	67.18	0.00038	44.55	68.59	0.00038
42.43	70.71	0.00039	38.89	74.25	0.00039
35.36	77.78	0.00039	28.28	84.85	0.00039
21.21	91.92	0.00039	14.14	98.99	0.00038
7.07	106.07	0.00037	0.00	113.14	0.00035
-7.07	120.21	0.00033	-14.14	127.28	0.00032
120.21	-21.21	0.00036	113.14	-14.14	0.00036
106.07	-7.07	0.00037	98.99	0.00	0.00037
91.92	7.07	0.00037	84.85	14.14	0.00038
77.78	21.21	0.00039	70.71	28.28	0.00039
67.18	31.82	0.00039	63.64	35.36	0.00038
61.52	37.48	0.00037	60.10	38.89	0.00037
58.69	40.31	0.00036	57.28	41.72	0.00035

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00035	43.13	55.86	0.00032
41.72	57.28	0.00032	40.31	58.69	0.00032
38.89	60.10	0.00032	37.48	61.52	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 110

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00033	31.82	67.18	0.00033
28.28	70.71	0.00033	21.21	77.78	0.00033
14.14	84.85	0.00032	7.07	91.92	0.00032
0.00	98.99	0.00032	-7.07	106.07	0.00031
-14.14	113.14	0.00030	-21.21	120.21	0.00028
113.14	-28.28	0.00031	106.07	-21.21	0.00031
98.99	-14.14	0.00031	91.92	-7.07	0.00031
84.85	0.00	0.00032	77.78	7.07	0.00033
70.71	14.14	0.00034	63.64	21.21	0.00034
60.10	24.75	0.00033	56.57	28.28	0.00032
54.45	30.41	0.00032	53.03	31.82	0.00031
51.62	33.23	0.00031	50.20	34.65	0.00030
48.79	36.06	0.00030	36.06	48.79	0.00027
34.65	50.20	0.00028	33.23	51.62	0.00028
31.82	53.03	0.00028	30.41	54.45	0.00028
28.28	56.57	0.00028	24.75	60.10	0.00028
21.21	63.64	0.00028	14.14	70.71	0.00028
7.07	77.78	0.00028	0.00	84.85	0.00027
-7.07	91.92	0.00027	-14.14	98.99	0.00027
-21.21	106.07	0.00026	-28.28	113.14	0.00025
106.07	-35.36	0.00026	98.99	-28.28	0.00027
91.92	-21.21	0.00027	84.85	-14.14	0.00027
77.78	-7.07	0.00028	70.71	0.00	0.00029
63.64	7.07	0.00029	56.57	14.14	0.00029
53.03	17.68	0.00028	49.50	21.21	0.00028
47.38	23.33	0.00027	45.96	24.75	0.00027
44.55	26.16	0.00026	43.13	27.58	0.00026
41.72	28.99	0.00025	28.99	41.72	0.00024
27.58	43.13	0.00024	26.16	44.55	0.00024
24.75	45.96	0.00024	23.33	47.38	0.00024
21.21	49.50	0.00024	17.68	53.03	0.00024

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00024	7.07	63.64	0.00024
0.00	70.71	0.00024	-7.07	77.78	0.00024
-14.14	84.85	0.00024	-21.21	91.92	0.00023
-28.28	98.99	0.00023	-35.36	106.07	0.00022
98.99	-42.43	0.00023	91.92	-35.36	0.00023
84.85	-28.28	0.00023	77.78	-21.21	0.00024
70.71	-14.14	0.00025	63.64	-7.07	0.00025
56.57	0.00	0.00026	49.50	7.07	0.00025
45.96	10.61	0.00025	42.43	14.14	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00023	38.89	17.68	0.00023
37.48	19.09	0.00023	36.06	20.51	0.00022
34.65	21.92	0.00022	21.92	34.65	0.00021
20.51	36.06	0.00021	19.09	37.48	0.00021
17.68	38.89	0.00021	16.26	40.31	0.00021
14.14	42.43	0.00021	10.61	45.96	0.00021
7.07	49.50	0.00021	0.00	56.57	0.00021
-7.07	63.64	0.00021	-14.14	70.71	0.00021
-21.21	77.78	0.00021	-28.28	84.85	0.00020
-35.36	91.92	0.00020	-42.43	98.99	0.00020
91.92	-49.50	0.00020	84.85	-42.43	0.00020
77.78	-35.36	0.00021	70.71	-28.28	0.00021
63.64	-21.21	0.00022	56.57	-14.14	0.00023
49.50	-7.07	0.00023	42.43	0.00	0.00022
38.89	3.54	0.00021	35.36	7.07	0.00021
33.23	9.19	0.00020	31.82	10.61	0.00020
30.41	12.02	0.00020	28.99	13.44	0.00020
27.58	14.85	0.00019	14.85	27.58	0.00018
13.44	28.99	0.00018	12.02	30.41	0.00018
10.61	31.82	0.00018	9.19	33.23	0.00018
7.07	35.36	0.00018	3.54	38.89	0.00019
0.00	42.43	0.00019	-7.07	49.50	0.00019
-14.14	56.57	0.00019	-21.21	63.64	0.00018
-28.28	70.71	0.00018	-35.36	77.78	0.00018
-42.43	84.85	0.00018	-49.50	91.92	0.00018



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00018	77.78	-49.50	0.00018
70.71	-42.43	0.00019	63.64	-35.36	0.00019
56.57	-28.28	0.00020	49.50	-21.21	0.00020
42.43	-14.14	0.00020	35.36	-7.07	0.00019
31.82	-3.54	0.00019	28.28	0.00	0.00018
26.16	2.12	0.00018	24.75	3.54	0.00018
23.33	4.95	0.00018	21.92	6.36	0.00017
20.51	7.78	0.00017	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00016
0.00	28.28	0.00016	-3.54	31.82	0.00016
-7.07	35.36	0.00016	-14.14	42.43	0.00017
-21.21	49.50	0.00017	-28.28	56.57	0.00017
-35.36	63.64	0.00016	-42.43	70.71	0.00016
-49.50	77.78	0.00016	-56.57	84.85	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00016	70.71	-56.57	0.00017
63.64	-49.50	0.00017	56.57	-42.43	0.00017
49.50	-35.36	0.00018	42.43	-28.28	0.00018
35.36	-21.21	0.00018	28.28	-14.14	0.00017
24.75	-10.61	0.00017	21.21	-7.07	0.00016
19.09	-4.95	0.00016	17.68	-3.54	0.00016
16.26	-2.12	0.00016	14.85	-0.71	0.00016
13.44	0.71	0.00015	0.71	13.44	0.00015
-0.71	14.85	0.00015	-2.12	16.26	0.00015
-3.54	17.68	0.00015	-4.95	19.09	0.00015
-7.07	21.21	0.00015	-10.61	24.75	0.00015
-14.14	28.28	0.00015	-21.21	35.36	0.00015
-28.28	42.43	0.00015	-35.36	49.50	0.00015
-42.43	56.57	0.00015	-49.50	63.64	0.00014
-56.57	70.71	0.00014	-63.64	77.78	0.00014
70.71	-70.71	0.00015	63.64	-63.64	0.00015
56.57	-56.57	0.00015	49.50	-49.50	0.00016
42.43	-42.43	0.00016	35.36	-35.36	0.00016
28.28	-28.28	0.00016	21.21	-21.21	0.00015

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00015	14.14	-14.14	0.00015
12.02	-12.02	0.00014	10.61	-10.61	0.00014
9.19	-9.19	0.00014	7.78	-7.78	0.00014
6.36	-6.36	0.00014	-6.36	6.36	0.00013
-7.78	7.78	0.00013	-9.19	9.19	0.00013
-10.61	10.61	0.00013	-12.02	12.02	0.00013
-14.14	14.14	0.00013	-17.68	17.68	0.00013
-21.21	21.21	0.00013	-28.28	28.28	0.00013
-35.36	35.36	0.00013	-42.43	42.43	0.00013
-49.50	49.50	0.00013	-56.57	56.57	0.00013
-63.64	63.64	0.00013	-70.71	70.71	0.00013
63.64	-77.78	0.00013	56.57	-70.71	0.00014
49.50	-63.64	0.00014	42.43	-56.57	0.00015
35.36	-49.50	0.00015	28.28	-42.43	0.00015
21.21	-35.36	0.00014	14.14	-28.28	0.00014
10.61	-24.75	0.00013	7.07	-21.21	0.00013
4.95	-19.09	0.00013	3.54	-17.68	0.00013
2.12	-16.26	0.00013	0.71	-14.85	0.00013
-0.71	-13.44	0.00012	-13.44	-0.71	0.00012
-14.85	0.71	0.00012	-16.26	2.12	0.00012
-17.68	3.54	0.00012	-19.09	4.95	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00012	-24.75	10.61	0.00012
-28.28	14.14	0.00012	-35.36	21.21	0.00012
-42.43	28.28	0.00012	-49.50	35.36	0.00012
-56.57	42.43	0.00012	-63.64	49.50	0.00012
-70.71	56.57	0.00012	-77.78	63.64	0.00011
56.57	-84.85	0.00012	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00013	21.21	-49.50	0.00013
14.14	-42.43	0.00013	7.07	-35.36	0.00012
3.54	-31.82	0.00012	0.00	-28.28	0.00012
-2.12	-26.16	0.00012	-3.54	-24.75	0.00012
-4.95	-23.33	0.00011	-6.36	-21.92	0.00011
-7.78	-20.51	0.00011	-20.51	-7.78	0.00011

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00011	-23.33	-4.95	0.00011
-24.75	-3.54	0.00011	-26.16	-2.12	0.00011
-28.28	0.00	0.00011	-31.82	3.54	0.00011
-35.36	7.07	0.00011	-42.43	14.14	0.00011
-49.50	21.21	0.00011	-56.57	28.28	0.00011
-63.64	35.36	0.00011	-70.71	42.43	0.00011
-77.78	49.50	0.00011	-84.85	56.57	0.00010
49.50	-91.92	0.00011	42.43	-84.85	0.00012
35.36	-77.78	0.00012	28.28	-70.71	0.00012
21.21	-63.64	0.00012	14.14	-56.57	0.00012
7.07	-49.50	0.00012	0.00	-42.43	0.00011
-3.54	-38.89	0.00011	-7.07	-35.36	0.00011
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00010
-28.99	-13.44	0.00010	-30.41	-12.02	0.00010
-31.82	-10.61	0.00010	-33.23	-9.19	0.00010
-35.36	-7.07	0.00010	-38.89	-3.54	0.00010
-42.43	0.00	0.00010	-49.50	7.07	0.00010
-56.57	14.14	0.00010	-63.64	21.21	0.00010
-70.71	28.28	0.00010	-77.78	35.36	0.00010
-84.85	42.43	0.00010	-91.92	49.50	0.00010
42.43	-98.99	0.00011	35.36	-91.92	0.00011
28.28	-84.85	0.00011	21.21	-77.78	0.00011
14.14	-70.71	0.00011	7.07	-63.64	0.00011
0.00	-56.57	0.00011	-7.07	-49.50	0.00010
-10.61	-45.96	0.00010	-14.14	-42.43	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00009	-34.65	-21.92	0.00009
-36.06	-20.51	0.00009	-37.48	-19.09	0.00009
-38.89	-17.68	0.00009	-40.31	-16.26	0.00009
-42.43	-14.14	0.00009	-45.96	-10.61	0.00009
-49.50	-7.07	0.00009	-56.57	0.00	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00009	-70.71	14.14	0.00009
-77.78	21.21	0.00009	-84.85	28.28	0.00009
-91.92	35.36	0.00009	-98.99	42.43	0.00009
35.36	-106.07	0.00010	28.28	-98.99	0.00010
21.21	-91.92	0.00010	14.14	-84.85	0.00010
7.07	-77.78	0.00010	0.00	-70.71	0.00010
-7.07	-63.64	0.00010	-14.14	-56.57	0.00009
-17.68	-53.03	0.00009	-21.21	-49.50	0.00009
-23.33	-47.38	0.00009	-24.75	-45.96	0.00009
-26.16	-44.55	0.00009	-27.58	-43.13	0.00009
-28.99	-41.72	0.00009	-41.72	-28.99	0.00008
-43.13	-27.58	0.00008	-44.55	-26.16	0.00008
-45.96	-24.75	0.00008	-47.38	-23.33	0.00008
-49.50	-21.21	0.00008	-53.03	-17.68	0.00008
-56.57	-14.14	0.00008	-63.64	-7.07	0.00008
-70.71	0.00	0.00008	-77.78	7.07	0.00009
-84.85	14.14	0.00009	-91.92	21.21	0.00009
-98.99	28.28	0.00008	-106.07	35.36	0.00008
28.28	-113.14	0.00009	21.21	-106.07	0.00009
14.14	-98.99	0.00010	7.07	-91.92	0.00010
0.00	-84.85	0.00010	-7.07	-77.78	0.00009
-14.14	-70.71	0.00009	-21.21	-63.64	0.00009
-24.75	-60.10	0.00008	-28.28	-56.57	0.00008
-30.41	-54.45	0.00008	-31.82	-53.03	0.00008
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00008
-50.20	-34.65	0.00008	-51.62	-33.23	0.00008
-53.03	-31.82	0.00008	-54.45	-30.41	0.00008
-56.57	-28.28	0.00008	-60.10	-24.75	0.00008
-63.64	-21.21	0.00008	-70.71	-14.14	0.00008
-77.78	-7.07	0.00008	-84.85	0.00	0.00008
-91.92	7.07	0.00008	-98.99	14.14	0.00008
-106.07	21.21	0.00008	-113.14	28.28	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00009	14.14	-113.14	0.00009

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00009	0.00	-98.99	0.00009
-7.07	-91.92	0.00009	-14.14	-84.85	0.00009
-21.21	-77.78	0.00008	-28.28	-70.71	0.00008
-31.82	-67.18	0.00008	-35.36	-63.64	0.00008
-37.48	-61.52	0.00008	-38.89	-60.10	0.00008
-40.31	-58.69	0.00008	-41.72	-57.28	0.00007
-43.13	-55.86	0.00007	-55.86	-43.13	0.00007
-57.28	-41.72	0.00007	-58.69	-40.31	0.00007
-60.10	-38.89	0.00007	-61.52	-37.48	0.00007
-63.64	-35.36	0.00007	-67.18	-31.82	0.00007
-70.71	-28.28	0.00007	-77.78	-21.21	0.00007
-84.85	-14.14	0.00007	-91.92	-7.07	0.00007
-98.99	0.00	0.00007	-106.07	7.07	0.00007
-113.14	14.14	0.00007	-120.21	21.21	0.00007
14.14	-127.28	0.00008	7.07	-120.21	0.00008
0.00	-113.14	0.00008	-7.07	-106.07	0.00008
-14.14	-98.99	0.00008	-21.21	-91.92	0.00008
-28.28	-84.85	0.00008	-35.36	-77.78	0.00007
-38.89	-74.25	0.00007	-42.43	-70.71	0.00007
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00007
-64.35	-48.79	0.00007	-65.76	-47.38	0.00007
-67.18	-45.96	0.00007	-68.59	-44.55	0.00007
-70.71	-42.43	0.00007	-74.25	-38.89	0.00007
-77.78	-35.36	0.00007	-84.85	-28.28	0.00007
-91.92	-21.21	0.00007	-98.99	-14.14	0.00007
-106.07	-7.07	0.00007	-113.14	0.00	0.00007
-120.21	7.07	0.00007	-127.28	14.14	0.00007
7.07	-134.35	0.00008	0.00	-127.28	0.00008
-7.07	-120.21	0.00008	-14.14	-113.14	0.00008
-21.21	-106.07	0.00008	-28.28	-98.99	0.00007
-35.36	-91.92	0.00007	-42.43	-84.85	0.00007
-45.96	-81.32	0.00007	-49.50	-77.78	0.00007
-51.62	-75.66	0.00007	-53.03	-74.25	0.00007
-54.45	-72.83	0.00007	-55.86	-71.42	0.00006
-57.28	-70.00	0.00006	-70.00	-57.28	0.00006
-71.42	-55.86	0.00006	-72.83	-54.45	0.00006
-74.25	-53.03	0.00006	-75.66	-51.62	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00006	-81.32	-45.96	0.00006
-84.85	-42.43	0.00006	-91.92	-35.36	0.00006
-98.99	-28.28	0.00006	-106.07	-21.21	0.00006
-113.14	-14.14	0.00006	-120.21	-7.07	0.00006
-127.28	0.00	0.00006	-134.35	7.07	0.00006
0.00	-141.42	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00007
-28.28	-113.14	0.00007	-35.36	-106.07	0.00007
-42.43	-98.99	0.00007	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00006
-78.49	-62.93	0.00006	-79.90	-61.52	0.00006
-81.32	-60.10	0.00006	-82.73	-58.69	0.00006
-84.85	-56.57	0.00006	-88.39	-53.03	0.00006
-91.92	-49.50	0.00006	-98.99	-42.43	0.00006
-106.07	-35.36	0.00006	-113.14	-28.28	0.00006
-120.21	-21.21	0.00006	-127.28	-14.14	0.00006
-134.35	-7.07	0.00006	-141.42	0.00	0.00006
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00007	-28.28	-127.28	0.00007
-35.36	-120.21	0.00007	-42.43	-113.14	0.00006
-49.50	-106.07	0.00006	-56.57	-98.99	0.00006
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00005	-120.21	-35.36	0.00005
-127.28	-28.28	0.00006	-134.35	-21.21	0.00006
-141.42	-14.14	0.00006	-148.49	-7.07	0.00006
-14.14	-155.56	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00006	-49.50	-120.21	0.00006
-56.57	-113.14	0.00006	-63.64	-106.07	0.00006

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18      -102.53      0.00006      -70.71      -98.99      0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00005	-74.25	-95.46	0.00005
-75.66	-94.05	0.00005	-77.07	-92.63	0.00005
-78.49	-91.22	0.00005	-91.22	-78.49	0.00005
-92.63	-77.07	0.00005	-94.05	-75.66	0.00005
-95.46	-74.25	0.00005	-96.87	-72.83	0.00005
-98.99	-70.71	0.00005	-102.53	-67.18	0.00005
-106.07	-63.64	0.00005	-113.14	-56.57	0.00005
-120.21	-49.50	0.00005	-127.28	-42.43	0.00005
-134.35	-35.36	0.00005	-141.42	-28.28	0.00005
-148.49	-21.21	0.00005	-155.56	-14.14	0.00005
-21.21	-162.63	0.00006	-28.28	-155.56	0.00006
-35.36	-148.49	0.00006	-42.43	-141.42	0.00006
-49.50	-134.35	0.00006	-56.57	-127.28	0.00006
-63.64	-120.21	0.00005	-70.71	-113.14	0.00005
-74.25	-109.60	0.00005	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00005
-99.70	-84.15	0.00005	-101.12	-82.73	0.00005
-102.53	-81.32	0.00005	-103.94	-79.90	0.00005
-106.07	-77.78	0.00005	-109.60	-74.25	0.00005
-113.14	-70.71	0.00005	-120.21	-63.64	0.00005
-127.28	-56.57	0.00005	-134.35	-49.50	0.00005
-141.42	-42.43	0.00005	-148.49	-35.36	0.00005
-155.56	-28.28	0.00005	-162.63	-21.21	0.00005
-28.28	-169.71	0.00006	-35.36	-162.63	0.00006
-42.43	-155.56	0.00006	-49.50	-148.49	0.00006
-56.57	-141.42	0.00005	-63.64	-134.35	0.00005
-70.71	-127.28	0.00005	-77.78	-120.21	0.00005
-81.32	-116.67	0.00005	-84.85	-113.14	0.00005
-86.97	-111.02	0.00005	-88.39	-109.60	0.00005
-89.80	-108.19	0.00005	-91.22	-106.77	0.00005
-92.63	-105.36	0.00005	-105.36	-92.63	0.00005

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00005	-108.19	-89.80	0.00005
-109.60	-88.39	0.00005	-111.02	-86.97	0.00005
-113.14	-84.85	0.00005	-116.67	-81.32	0.00005
-120.21	-77.78	0.00005	-127.28	-70.71	0.00005
-134.35	-63.64	0.00005	-141.42	-56.57	0.00005
-148.49	-49.50	0.00005	-155.56	-42.43	0.00005
-162.63	-35.36	0.00005	-169.71	-28.28	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S) :            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00005	-42.43	-169.71	0.00005
-49.50	-162.63	0.00005	-56.57	-155.56	0.00005
-63.64	-148.49	0.00005	-70.71	-141.42	0.00005
-77.78	-134.35	0.00005	-84.85	-127.28	0.00005
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00004
-155.56	-56.57	0.00004	-162.63	-49.50	0.00004
-169.71	-42.43	0.00004	-176.78	-35.36	0.00004
-42.43	-183.85	0.00005	-49.50	-176.78	0.00005
-56.57	-169.71	0.00005	-63.64	-162.63	0.00005
-70.71	-155.56	0.00005	-77.78	-148.49	0.00005
-84.85	-141.42	0.00005	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00004
-127.28	-98.99	0.00004	-130.81	-95.46	0.00004
-134.35	-91.92	0.00004	-141.42	-84.85	0.00004



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-77.78	0.00004	-155.56	-70.71	0.00004
-162.63	-63.64	0.00004	-169.71	-56.57	0.00004
-176.78	-49.50	0.00004	-183.85	-42.43	0.00004
-49.50	-190.92	0.00005	-56.57	-183.85	0.00005
-63.64	-176.78	0.00005	-70.71	-169.71	0.00005
-77.78	-162.63	0.00005	-84.85	-155.56	0.00004
-91.92	-148.49	0.00004	-98.99	-141.42	0.00004
-102.53	-137.89	0.00004	-106.07	-134.35	0.00004
-108.19	-132.23	0.00004	-109.60	-130.81	0.00004
-111.02	-129.40	0.00004	-112.43	-127.99	0.00004
-113.84	-126.57	0.00004	-126.57	-113.84	0.00004
-127.99	-112.43	0.00004	-129.40	-111.02	0.00004
-130.81	-109.60	0.00004	-132.23	-108.19	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00004	-137.89	-102.53	0.00004
-141.42	-98.99	0.00004	-148.49	-91.92	0.00004
-155.56	-84.85	0.00004	-162.63	-77.78	0.00004
-169.71	-70.71	0.00004	-176.78	-63.64	0.00004
-183.85	-56.57	0.00004	-190.92	-49.50	0.00004
-56.57	-197.99	0.00005	-63.64	-190.92	0.00005
-70.71	-183.85	0.00004	-77.78	-176.78	0.00004
-84.85	-169.71	0.00004	-91.92	-162.63	0.00004
-98.99	-155.56	0.00004	-106.07	-148.49	0.00004
-109.60	-144.96	0.00004	-113.14	-141.42	0.00004
-115.26	-139.30	0.00004	-116.67	-137.89	0.00004
-118.09	-136.47	0.00004	-119.50	-135.06	0.00004
-120.92	-133.64	0.00004	-133.64	-120.92	0.00004
-135.06	-119.50	0.00004	-136.47	-118.09	0.00004
-137.89	-116.67	0.00004	-139.30	-115.26	0.00004
-141.42	-113.14	0.00004	-144.96	-109.60	0.00004
-148.49	-106.07	0.00004	-155.56	-98.99	0.00004
-162.63	-91.92	0.00004	-169.71	-84.85	0.00004
-176.78	-77.78	0.00004	-183.85	-70.71	0.00004
-190.92	-63.64	0.00004	-197.99	-56.57	0.00004
-63.64	-205.06	0.00004	-70.71	-197.99	0.00004

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00004	-84.85	-183.85	0.00004
-91.92	-176.78	0.00004	-98.99	-169.71	0.00004
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00004	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00004
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00004	-77.78	-205.06	0.00004
-84.85	-197.99	0.00004	-91.92	-190.92	0.00004
-98.99	-183.85	0.00004	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00003	-180.31	-144.96	0.00003
-183.85	-141.42	0.00003	-190.92	-134.35	0.00003
-197.99	-127.28	0.00003	-205.06	-120.21	0.00003
-212.13	-113.14	0.00003	-219.20	-106.07	0.00003
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00003
-177.48	-161.93	0.00003	-178.90	-160.51	0.00003
-180.31	-159.10	0.00003	-181.73	-157.68	0.00003
-183.85	-155.56	0.00003	-187.38	-152.03	0.00003
-190.92	-148.49	0.00003	-197.99	-141.42	0.00003
-205.06	-134.35	0.00003	-212.13	-127.28	0.00003
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-184.55	-169.00	0.00003	-185.97	-167.58	0.00003
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00248	197.99	127.28	0.00265
190.92	134.35	0.00280	183.85	141.42	0.00287
180.31	144.96	0.00283	176.78	148.49	0.00270
174.66	150.61	0.00258	173.24	152.03	0.00246
171.83	153.44	0.00231	170.41	154.86	0.00213
169.00	156.27	0.00193	156.27	169.00	0.00089
154.86	170.41	0.00087	153.44	171.83	0.00087
152.03	173.24	0.00086	150.61	174.66	0.00085

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00083	144.96	180.31	0.00080
141.42	183.85	0.00077	134.35	190.92	0.00070
127.28	197.99	0.00063	120.21	205.06	0.00057
113.14	212.13	0.00052	106.07	219.20	0.00048
99.00	226.27	0.00044	91.92	233.35	0.00040
226.27	84.85	0.00213	219.20	91.92	0.00232
212.13	98.99	0.00254	205.06	106.07	0.00280
197.99	113.14	0.00309	190.92	120.21	0.00343
183.85	127.28	0.00379	176.78	134.35	0.00415
173.24	137.89	0.00430	169.71	141.42	0.00440
167.58	143.54	0.00442	166.17	144.96	0.00442
164.76	146.37	0.00440	163.34	147.79	0.00439
161.93	149.20	0.00437	149.20	161.93	0.00165
147.79	163.34	0.00158	146.37	164.76	0.00152
144.96	166.17	0.00147	143.54	167.58	0.00143
141.42	169.71	0.00136	137.89	173.24	0.00126
134.35	176.78	0.00116	127.28	183.85	0.00100
120.21	190.92	0.00086	113.14	197.99	0.00075
106.07	205.06	0.00066	99.00	212.13	0.00059
91.92	219.20	0.00053	84.85	226.27	0.00048
219.20	77.78	0.00239	212.13	84.85	0.00262
205.06	91.92	0.00290	197.99	98.99	0.00322
190.92	106.07	0.00359	183.85	113.14	0.00402
176.78	120.21	0.00449	169.71	127.28	0.00491
166.17	130.81	0.00506	162.63	134.35	0.00513
160.51	136.47	0.00511	159.10	137.89	0.00507

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00501	156.27	140.71	0.00494
154.86	142.13	0.00486	142.13	154.86	0.00205
140.71	156.27	0.00199	139.30	157.68	0.00194
137.89	159.10	0.00190	136.47	160.51	0.00185
134.35	162.63	0.00178	130.81	166.17	0.00165
127.28	169.71	0.00153	120.21	176.78	0.00130
113.14	183.85	0.00110	106.07	190.92	0.00094
99.00	197.99	0.00082	91.92	205.06	0.00072
84.85	212.13	0.00064	77.78	219.20	0.00057
212.13	70.71	0.00261	205.06	77.78	0.00288
197.99	84.85	0.00319	190.92	91.92	0.00355
183.85	98.99	0.00396	176.78	106.07	0.00442
169.71	113.14	0.00489	162.63	120.21	0.00529
159.10	123.74	0.00540	155.56	127.28	0.00543

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00539	152.03	130.81	0.00534
150.61	132.23	0.00526	149.20	133.64	0.00517
147.79	135.06	0.00509	135.06	147.79	0.00226
133.64	149.20	0.00220	132.23	150.61	0.00216
130.81	152.03	0.00213	129.40	153.44	0.00209
127.28	155.56	0.00203	123.74	159.10	0.00190
120.21	162.63	0.00177	113.14	169.71	0.00152
106.07	176.78	0.00130	98.99	183.85	0.00111
91.92	190.92	0.00096	84.85	197.99	0.00084
77.78	205.06	0.00074	70.71	212.13	0.00065
205.06	63.64	0.00280	197.99	70.71	0.00308
190.92	77.78	0.00341	183.85	84.85	0.00379
176.78	91.92	0.00421	169.71	98.99	0.00467
162.63	106.07	0.00513	155.56	113.14	0.00551
152.03	116.67	0.00561	148.49	120.21	0.00562
146.37	122.33	0.00557	144.96	123.74	0.00551
143.54	125.16	0.00544	142.13	126.57	0.00535
140.71	127.99	0.00526	127.99	140.71	0.00241
126.57	142.13	0.00236	125.16	143.54	0.00232
123.74	144.96	0.00228	122.33	146.37	0.00225

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00219	116.67	152.03	0.00208
113.14	155.56	0.00195	106.07	162.63	0.00168
98.99	169.71	0.00144	91.92	176.78	0.00124
84.85	183.85	0.00108	77.78	190.92	0.00094
70.71	197.99	0.00083	63.64	205.06	0.00073
197.99	56.57	0.00294	190.92	63.64	0.00324
183.85	70.71	0.00357	176.78	77.78	0.00395
169.71	84.85	0.00438	162.63	91.92	0.00484
155.56	98.99	0.00529	148.49	106.07	0.00565
144.96	109.60	0.00575	141.42	113.14	0.00576
139.30	115.26	0.00571	137.89	116.67	0.00565
136.47	118.09	0.00558	135.06	119.50	0.00549
133.64	120.92	0.00539	120.92	133.64	0.00252
119.50	135.06	0.00247	118.09	136.47	0.00244
116.67	137.89	0.00240	115.26	139.30	0.00237
113.14	141.42	0.00231	109.60	144.96	0.00221
106.07	148.49	0.00208	98.99	155.56	0.00182
91.92	162.63	0.00156	84.85	169.71	0.00135
77.78	176.78	0.00117	70.71	183.85	0.00102
63.64	190.92	0.00090	56.57	197.99	0.00080

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00306	183.85	56.57	0.00336
176.78	63.64	0.00369	169.71	70.71	0.00408
162.63	77.78	0.00450	155.56	84.85	0.00496
148.49	91.92	0.00541	141.42	98.99	0.00576
137.89	102.53	0.00586	134.35	106.07	0.00587
132.23	108.19	0.00582	130.81	109.60	0.00576
129.40	111.02	0.00568	127.99	112.43	0.00559
126.57	113.84	0.00549	113.84	126.57	0.00262
112.43	127.99	0.00257	111.02	129.40	0.00253
109.60	130.81	0.00250	108.19	132.23	0.00247
106.07	134.35	0.00241	102.53	137.89	0.00230
98.99	141.42	0.00218	91.92	148.49	0.00192
84.85	155.56	0.00166	77.78	162.63	0.00144
70.71	169.71	0.00125	63.64	176.78	0.00110



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00097	49.50	190.92	0.00086
183.85	42.43	0.00315	176.78	49.50	0.00345
169.71	56.57	0.00379	162.63	63.64	0.00417
155.56	70.71	0.00460	148.49	77.78	0.00505
141.42	84.85	0.00550	134.35	91.92	0.00585
130.81	95.46	0.00595	127.28	98.99	0.00597
125.16	101.12	0.00592	123.74	102.53	0.00586
122.33	103.94	0.00577	120.92	105.36	0.00568
119.50	106.77	0.00557	106.77	119.50	0.00269
105.36	120.92	0.00264	103.94	122.33	0.00261
102.53	123.74	0.00258	101.12	125.16	0.00254
98.99	127.28	0.00249	95.46	130.81	0.00238
91.92	134.35	0.00226	84.85	141.42	0.00200
77.78	148.49	0.00174	70.71	155.56	0.00152
63.64	162.63	0.00132	56.57	169.71	0.00116
49.50	176.78	0.00102	42.43	183.85	0.00091
176.78	35.36	0.00322	169.71	42.43	0.00352
162.63	49.50	0.00386	155.56	56.57	0.00424
148.49	63.64	0.00467	141.42	70.71	0.00512
134.35	77.78	0.00557	127.28	84.85	0.00593
123.74	88.39	0.00603	120.21	91.92	0.00604
118.09	94.05	0.00599	116.67	95.46	0.00593
115.26	96.87	0.00585	113.84	98.29	0.00575
112.43	99.70	0.00564	99.70	112.43	0.00276
98.29	113.84	0.00271	96.87	115.26	0.00267
95.46	116.67	0.00264	94.05	118.09	0.00261

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTS:  
 PAGE 127  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00255	88.39	123.74	0.00244
84.85	127.28	0.00232	77.78	134.35	0.00206
70.71	141.42	0.00181	63.64	148.49	0.00158
56.57	155.56	0.00138	49.50	162.63	0.00121
42.43	169.71	0.00107	35.36	176.78	0.00096
169.71	28.28	0.00328	162.63	35.36	0.00358
155.56	42.43	0.00392	148.49	49.50	0.00430
141.42	56.57	0.00473	134.35	63.64	0.00518

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00562	120.21	77.78	0.00599
116.67	81.32	0.00610	113.14	84.85	0.00611
111.02	86.97	0.00606	109.60	88.39	0.00599
108.19	89.80	0.00591	106.77	91.22	0.00581
105.36	92.63	0.00570	92.63	105.36	0.00281
91.22	106.77	0.00276	89.80	108.19	0.00272
88.39	109.60	0.00269	86.97	111.02	0.00266
84.85	113.14	0.00260	81.32	116.67	0.00249
77.78	120.21	0.00237	70.71	127.28	0.00211
63.64	134.35	0.00186	56.57	141.42	0.00163
49.50	148.49	0.00143	42.43	155.56	0.00126
35.36	162.63	0.00112	28.28	169.71	0.00100
162.63	21.21	0.00332	155.56	28.28	0.00362
148.49	35.36	0.00397	141.42	42.43	0.00435
134.35	49.50	0.00477	127.28	56.57	0.00523
120.21	63.64	0.00567	113.14	70.71	0.00604
109.60	74.25	0.00615	106.07	77.78	0.00616
103.94	79.90	0.00610	102.53	81.32	0.00603
101.12	82.73	0.00595	99.70	84.15	0.00587
98.29	85.56	0.00577	85.56	98.29	0.00285
84.15	99.70	0.00280	82.73	101.12	0.00276
81.32	102.53	0.00273	79.90	103.94	0.00270
77.78	106.07	0.00265	74.25	109.60	0.00254
70.71	113.14	0.00241	63.64	120.21	0.00215
56.57	127.28	0.00190	49.50	134.35	0.00167
42.43	141.42	0.00148	35.36	148.49	0.00130
28.28	155.56	0.00116	21.21	162.63	0.00103
155.56	14.14	0.00336	148.49	21.21	0.00366
141.42	28.28	0.00401	134.35	35.36	0.00439
127.28	42.43	0.00481	120.21	49.50	0.00527
113.14	56.57	0.00572	106.07	63.64	0.00608
102.53	67.18	0.00619	98.99	70.71	0.00620

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00614	95.46	74.25	0.00607
94.05	75.66	0.00599	92.63	77.07	0.00590

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00580	78.49	91.22	0.00288
77.07	92.63	0.00283	75.66	94.05	0.00280
74.25	95.46	0.00277	72.83	96.87	0.00274
70.71	98.99	0.00268	67.18	102.53	0.00258
63.64	106.07	0.00245	56.57	113.14	0.00219
49.50	120.21	0.00193	42.43	127.28	0.00171
35.36	134.35	0.00151	28.28	141.42	0.00134
21.21	148.49	0.00119	14.14	155.56	0.00107
148.49	7.07	0.00340	141.42	14.14	0.00370
134.35	21.21	0.00404	127.28	28.28	0.00442
120.21	35.36	0.00485	113.14	42.43	0.00530
106.07	49.50	0.00576	98.99	56.57	0.00612
95.46	60.10	0.00622	91.92	63.64	0.00623
89.80	65.76	0.00618	88.39	67.18	0.00611
86.97	68.59	0.00602	85.56	70.00	0.00592
84.15	71.42	0.00582	71.42	84.15	0.00291
70.00	85.56	0.00286	68.59	86.97	0.00283
67.18	88.39	0.00280	65.76	89.80	0.00277
63.64	91.92	0.00271	60.10	95.46	0.00260
56.57	98.99	0.00248	49.50	106.07	0.00222
42.43	113.14	0.00196	35.36	120.21	0.00174
28.28	127.28	0.00154	21.21	134.35	0.00137
14.14	141.42	0.00122	7.07	148.49	0.00110
141.42	0.00	0.00342	134.35	7.07	0.00372
127.28	14.14	0.00407	120.21	21.21	0.00445
113.14	28.28	0.00488	106.07	35.36	0.00533
98.99	42.43	0.00579	91.92	49.50	0.00615
88.39	53.03	0.00625	84.85	56.57	0.00626
82.73	58.69	0.00620	81.32	60.10	0.00614
79.90	61.52	0.00605	78.49	62.93	0.00595
77.07	64.35	0.00585	64.35	77.07	0.00293
62.93	78.49	0.00289	61.52	79.90	0.00285
60.10	81.32	0.00282	58.69	82.73	0.00279
56.57	84.85	0.00274	53.03	88.39	0.00263
49.50	91.92	0.00251	42.43	98.99	0.00225
35.36	106.07	0.00199	28.28	113.14	0.00176
21.21	120.21	0.00156	14.14	127.28	0.00139
7.07	134.35	0.00125	0.00	141.42	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00345	127.28	0.00	0.00375
120.21	7.07	0.00409	113.14	14.14	0.00447
106.07	21.21	0.00490	98.99	28.28	0.00536
91.92	35.36	0.00582	84.85	42.43	0.00618
81.32	45.96	0.00628	77.78	49.50	0.00628
75.66	51.62	0.00622	74.25	53.03	0.00616
72.83	54.45	0.00608	71.42	55.86	0.00597
70.00	57.28	0.00587	57.28	70.00	0.00296
55.86	71.42	0.00291	54.45	72.83	0.00288
53.03	74.25	0.00284	51.62	75.66	0.00281
49.50	77.78	0.00276	45.96	81.32	0.00265
42.43	84.85	0.00253	35.36	91.92	0.00227
28.28	98.99	0.00201	21.21	106.07	0.00179
14.14	113.14	0.00159	7.07	120.21	0.00142
0.00	127.28	0.00127	-7.07	134.35	0.00114
127.28	-14.14	0.00347	120.21	-7.07	0.00377
113.14	0.00	0.00411	106.07	7.07	0.00450
98.99	14.14	0.00493	91.92	21.21	0.00539
84.85	28.28	0.00584	77.78	35.36	0.00620
74.25	38.89	0.00630	70.71	42.43	0.00631
68.59	44.55	0.00625	67.18	45.96	0.00618
65.76	47.38	0.00609	64.35	48.79	0.00599
62.93	50.20	0.00588	50.20	62.93	0.00298
48.79	64.35	0.00293	47.38	65.76	0.00289
45.96	67.18	0.00286	44.55	68.59	0.00283
42.43	70.71	0.00278	38.89	74.25	0.00267
35.36	77.78	0.00255	28.28	84.85	0.00229
21.21	91.92	0.00203	14.14	98.99	0.00180
7.07	106.07	0.00161	0.00	113.14	0.00143
-7.07	120.21	0.00129	-14.14	127.28	0.00116
120.21	-21.21	0.00348	113.14	-14.14	0.00379
106.07	-7.07	0.00413	98.99	0.00	0.00452
91.92	7.07	0.00495	84.85	14.14	0.00541
77.78	21.21	0.00586	70.71	28.28	0.00622
67.18	31.82	0.00632	63.64	35.36	0.00632
61.52	37.48	0.00627	60.10	38.89	0.00620
58.69	40.31	0.00611	57.28	41.72	0.00601
55.86	43.13	0.00590	43.13	55.86	0.00299
41.72	57.28	0.00295	40.31	58.69	0.00291
38.89	60.10	0.00288	37.48	61.52	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00279	31.82	67.18	0.00269
28.28	70.71	0.00257	21.21	77.78	0.00231
14.14	84.85	0.00205	7.07	91.92	0.00182
0.00	98.99	0.00162	-7.07	106.07	0.00145
-14.14	113.14	0.00130	-21.21	120.21	0.00118
113.14	-28.28	0.00350	106.07	-21.21	0.00380
98.99	-14.14	0.00414	91.92	-7.07	0.00453
84.85	0.00	0.00496	77.78	7.07	0.00542
70.71	14.14	0.00588	63.64	21.21	0.00624
60.10	24.75	0.00634	56.57	28.28	0.00634
54.45	30.41	0.00628	53.03	31.82	0.00622
51.62	33.23	0.00613	50.20	34.65	0.00603
48.79	36.06	0.00591	36.06	48.79	0.00301
34.65	50.20	0.00296	33.23	51.62	0.00293
31.82	53.03	0.00290	30.41	54.45	0.00286
28.28	56.57	0.00281	24.75	60.10	0.00270
21.21	63.64	0.00258	14.14	70.71	0.00232
7.07	77.78	0.00207	0.00	84.85	0.00184
-7.07	91.92	0.00164	-14.14	98.99	0.00147
-21.21	106.07	0.00132	-28.28	113.14	0.00119
106.07	-35.36	0.00351	98.99	-28.28	0.00381
91.92	-21.21	0.00416	84.85	-14.14	0.00455
77.78	-7.07	0.00498	70.71	0.00	0.00544
63.64	7.07	0.00589	56.57	14.14	0.00625
53.03	17.68	0.00636	49.50	21.21	0.00636
47.38	23.33	0.00630	45.96	24.75	0.00624
44.55	26.16	0.00615	43.13	27.58	0.00605
41.72	28.99	0.00593	28.99	41.72	0.00303
27.58	43.13	0.00298	26.16	44.55	0.00294
24.75	45.96	0.00291	23.33	47.38	0.00288
21.21	49.50	0.00282	17.68	53.03	0.00272
14.14	56.57	0.00259	7.07	63.64	0.00233
0.00	70.71	0.00208	-7.07	77.78	0.00185
-14.14	84.85	0.00165	-21.21	91.92	0.00148

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00133	-35.36	106.07	0.00120
98.99	-42.43	0.00352	91.92	-35.36	0.00383
84.85	-28.28	0.00417	77.78	-21.21	0.00456
70.71	-14.14	0.00499	63.64	-7.07	0.00545
56.57	0.00	0.00590	49.50	7.07	0.00626
45.96	10.61	0.00637	42.43	14.14	0.00637

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00631	38.89	17.68	0.00624
37.48	19.09	0.00615	36.06	20.51	0.00607
34.65	21.92	0.00597	21.92	34.65	0.00304
20.51	36.06	0.00299	19.09	37.48	0.00295
17.68	38.89	0.00292	16.26	40.31	0.00289
14.14	42.43	0.00283	10.61	45.96	0.00273
7.07	49.50	0.00261	0.00	56.57	0.00234
-7.07	63.64	0.00209	-14.14	70.71	0.00186
-21.21	77.78	0.00166	-28.28	84.85	0.00149
-35.36	91.92	0.00134	-42.43	98.99	0.00121
91.92	-49.50	0.00353	84.85	-42.43	0.00384
77.78	-35.36	0.00418	70.71	-28.28	0.00457
63.64	-21.21	0.00500	56.57	-14.14	0.00546
49.50	-7.07	0.00592	42.43	0.00	0.00627
38.89	3.54	0.00637	35.36	7.07	0.00638
33.23	9.19	0.00632	31.82	10.61	0.00625
30.41	12.02	0.00616	28.99	13.44	0.00607
27.58	14.85	0.00597	14.85	27.58	0.00304
13.44	28.99	0.00299	12.02	30.41	0.00296
10.61	31.82	0.00293	9.19	33.23	0.00290
7.07	35.36	0.00284	3.54	38.89	0.00274
0.00	42.43	0.00262	-7.07	49.50	0.00236
-14.14	56.57	0.00210	-21.21	63.64	0.00187
-28.28	70.71	0.00167	-35.36	77.78	0.00150
-42.43	84.85	0.00135	-49.50	91.92	0.00122
84.85	-56.57	0.00354	77.78	-49.50	0.00384
70.71	-42.43	0.00419	63.64	-35.36	0.00458
56.57	-28.28	0.00501	49.50	-21.21	0.00547

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00593	35.36	-7.07	0.00629
31.82	-3.54	0.00638	28.28	0.00	0.00638
26.16	2.12	0.00633	24.75	3.54	0.00626
23.33	4.95	0.00617	21.92	6.36	0.00607
20.51	7.78	0.00597	7.78	20.51	0.00304
6.36	21.92	0.00300	4.95	23.33	0.00297
3.54	24.75	0.00294	2.12	26.16	0.00290
0.00	28.28	0.00285	-3.54	31.82	0.00275
-7.07	35.36	0.00263	-14.14	42.43	0.00236
-21.21	49.50	0.00211	-28.28	56.57	0.00188
-35.36	63.64	0.00168	-42.43	70.71	0.00151
-49.50	77.78	0.00136	-56.57	84.85	0.00123

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00355	70.71	-56.57	0.00385
63.64	-49.50	0.00420	56.57	-42.43	0.00459
49.50	-35.36	0.00502	42.43	-28.28	0.00548
35.36	-21.21	0.00593	28.28	-14.14	0.00629
24.75	-10.61	0.00639	21.21	-7.07	0.00639
19.09	-4.95	0.00633	17.68	-3.54	0.00627
16.26	-2.12	0.00618	14.85	-0.71	0.00608
13.44	0.71	0.00597	0.71	13.44	0.00305
-0.71	14.85	0.00301	-2.12	16.26	0.00297
-3.54	17.68	0.00294	-4.95	19.09	0.00291
-7.07	21.21	0.00286	-10.61	24.75	0.00275
-14.14	28.28	0.00263	-21.21	35.36	0.00237
-28.28	42.43	0.00212	-35.36	49.50	0.00189
-42.43	56.57	0.00169	-49.50	63.64	0.00152
-56.57	70.71	0.00137	-63.64	77.78	0.00124
70.71	-70.71	0.00355	63.64	-63.64	0.00386
56.57	-56.57	0.00420	49.50	-49.50	0.00459
42.43	-42.43	0.00503	35.36	-35.36	0.00549
28.28	-28.28	0.00594	21.21	-21.21	0.00630
17.68	-17.68	0.00640	14.14	-14.14	0.00640
12.02	-12.02	0.00633	10.61	-10.61	0.00627
9.19	-9.19	0.00618	7.78	-7.78	0.00608

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00598	-6.36	6.36	0.00306
-7.78	7.78	0.00301	-9.19	9.19	0.00298
-10.61	10.61	0.00295	-12.02	12.02	0.00291
-14.14	14.14	0.00286	-17.68	17.68	0.00276
-21.21	21.21	0.00264	-28.28	28.28	0.00238
-35.36	35.36	0.00212	-42.43	42.43	0.00190
-49.50	49.50	0.00170	-56.57	56.57	0.00152
-63.64	63.64	0.00137	-70.71	70.71	0.00125
63.64	-77.78	0.00356	56.57	-70.71	0.00386
49.50	-63.64	0.00421	42.43	-56.57	0.00460
35.36	-49.50	0.00503	28.28	-42.43	0.00549
21.21	-35.36	0.00594	14.14	-28.28	0.00630
10.61	-24.75	0.00640	7.07	-21.21	0.00640
4.95	-19.09	0.00634	3.54	-17.68	0.00627
2.12	-16.26	0.00619	0.71	-14.85	0.00608
-0.71	-13.44	0.00597	-13.44	-0.71	0.00306
-14.85	0.71	0.00302	-16.26	2.12	0.00298
-17.68	3.54	0.00295	-19.09	4.95	0.00292

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00287	-24.75	10.61	0.00276
-28.28	14.14	0.00264	-35.36	21.21	0.00238
-42.43	28.28	0.00213	-49.50	35.36	0.00190
-56.57	42.43	0.00170	-63.64	49.50	0.00153
-70.71	56.57	0.00138	-77.78	63.64	0.00125
56.57	-84.85	0.00356	49.50	-77.78	0.00386
42.43	-70.71	0.00421	35.36	-63.64	0.00460
28.28	-56.57	0.00503	21.21	-49.50	0.00549
14.14	-42.43	0.00595	7.07	-35.36	0.00631
3.54	-31.82	0.00640	0.00	-28.28	0.00640
-2.12	-26.16	0.00634	-3.54	-24.75	0.00628
-4.95	-23.33	0.00619	-6.36	-21.92	0.00609
-7.78	-20.51	0.00598	-20.51	-7.78	0.00307
-21.92	-6.36	0.00302	-23.33	-4.95	0.00299
-24.75	-3.54	0.00296	-26.16	-2.12	0.00293
-28.28	0.00	0.00287	-31.82	3.54	0.00277



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00265	-42.43	14.14	0.00239
-49.50	21.21	0.00213	-56.57	28.28	0.00191
-63.64	35.36	0.00171	-70.71	42.43	0.00153
-77.78	49.50	0.00138	-84.85	56.57	0.00126
49.50	-91.92	0.00356	42.43	-84.85	0.00387
35.36	-77.78	0.00421	28.28	-70.71	0.00460
21.21	-63.64	0.00504	14.14	-56.57	0.00550
7.07	-49.50	0.00595	0.00	-42.43	0.00631
-3.54	-38.89	0.00641	-7.07	-35.36	0.00641
-9.19	-33.23	0.00635	-10.61	-31.82	0.00628
-12.02	-30.41	0.00619	-13.44	-28.99	0.00609
-14.85	-27.58	0.00598	-27.58	-14.85	0.00307
-28.99	-13.44	0.00302	-30.41	-12.02	0.00299
-31.82	-10.61	0.00296	-33.23	-9.19	0.00293
-35.36	-7.07	0.00287	-38.89	-3.54	0.00277
-42.43	0.00	0.00265	-49.50	7.07	0.00239
-56.57	14.14	0.00214	-63.64	21.21	0.00191
-70.71	28.28	0.00171	-77.78	35.36	0.00154
-84.85	42.43	0.00139	-91.92	49.50	0.00126
42.43	-98.99	0.00356	35.36	-91.92	0.00387
28.28	-84.85	0.00421	21.21	-77.78	0.00460
14.14	-70.71	0.00504	7.07	-63.64	0.00550
0.00	-56.57	0.00595	-7.07	-49.50	0.00631
-10.61	-45.96	0.00641	-14.14	-42.43	0.00641

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00635	-17.68	-38.89	0.00629
-19.09	-37.48	0.00620	-20.51	-36.06	0.00610
-21.92	-34.65	0.00598	-34.65	-21.92	0.00308
-36.06	-20.51	0.00303	-37.48	-19.09	0.00299
-38.89	-17.68	0.00296	-40.31	-16.26	0.00293
-42.43	-14.14	0.00288	-45.96	-10.61	0.00277
-49.50	-7.07	0.00265	-56.57	0.00	0.00239
-63.64	7.07	0.00214	-70.71	14.14	0.00191
-77.78	21.21	0.00171	-84.85	28.28	0.00154
-91.92	35.36	0.00139	-98.99	42.43	0.00126

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00356	28.28	-98.99	0.00386
21.21	-91.92	0.00421	14.14	-84.85	0.00460
7.07	-77.78	0.00503	0.00	-70.71	0.00549
-7.07	-63.64	0.00595	-14.14	-56.57	0.00630
-17.68	-53.03	0.00641	-21.21	-49.50	0.00641
-23.33	-47.38	0.00635	-24.75	-45.96	0.00628
-26.16	-44.55	0.00619	-27.58	-43.13	0.00611
-28.99	-41.72	0.00600	-41.72	-28.99	0.00308
-43.13	-27.58	0.00303	-44.55	-26.16	0.00299
-45.96	-24.75	0.00296	-47.38	-23.33	0.00293
-49.50	-21.21	0.00288	-53.03	-17.68	0.00277
-56.57	-14.14	0.00265	-63.64	-7.07	0.00239
-70.71	0.00	0.00214	-77.78	7.07	0.00191
-84.85	14.14	0.00171	-91.92	21.21	0.00154
-98.99	28.28	0.00139	-106.07	35.36	0.00126
28.28	-113.14	0.00355	21.21	-106.07	0.00386
14.14	-98.99	0.00421	7.07	-91.92	0.00460
0.00	-84.85	0.00503	-7.07	-77.78	0.00549
-14.14	-70.71	0.00594	-21.21	-63.64	0.00630
-24.75	-60.10	0.00640	-28.28	-56.57	0.00641
-30.41	-54.45	0.00635	-31.82	-53.03	0.00628
-33.23	-51.62	0.00619	-34.65	-50.20	0.00609
-36.06	-48.79	0.00599	-48.79	-36.06	0.00307
-50.20	-34.65	0.00302	-51.62	-33.23	0.00299
-53.03	-31.82	0.00296	-54.45	-30.41	0.00293
-56.57	-28.28	0.00288	-60.10	-24.75	0.00277
-63.64	-21.21	0.00265	-70.71	-14.14	0.00239
-77.78	-7.07	0.00214	-84.85	0.00	0.00191
-91.92	7.07	0.00171	-98.99	14.14	0.00154
-106.07	21.21	0.00139	-113.14	28.28	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00354	14.14	-113.14	0.00385
7.07	-106.07	0.00420	0.00	-98.99	0.00459
-7.07	-91.92	0.00503	-14.14	-84.85	0.00549
-21.21	-77.78	0.00594	-28.28	-70.71	0.00630

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00639	-35.36	-63.64	0.00640
-37.48	-61.52	0.00634	-38.89	-60.10	0.00628
-40.31	-58.69	0.00619	-41.72	-57.28	0.00608
-43.13	-55.86	0.00599	-55.86	-43.13	0.00307
-57.28	-41.72	0.00302	-58.69	-40.31	0.00299
-60.10	-38.89	0.00296	-61.52	-37.48	0.00293
-63.64	-35.36	0.00288	-67.18	-31.82	0.00277
-70.71	-28.28	0.00265	-77.78	-21.21	0.00239
-84.85	-14.14	0.00214	-91.92	-7.07	0.00191
-98.99	0.00	0.00171	-106.07	7.07	0.00154
-113.14	14.14	0.00139	-120.21	21.21	0.00126
14.14	-127.28	0.00353	7.07	-120.21	0.00384
0.00	-113.14	0.00419	-7.07	-106.07	0.00459
-14.14	-98.99	0.00502	-21.21	-91.92	0.00548
-28.28	-84.85	0.00593	-35.36	-77.78	0.00629
-38.89	-74.25	0.00639	-42.43	-70.71	0.00639
-44.55	-68.59	0.00633	-45.96	-67.18	0.00627
-47.38	-65.76	0.00618	-48.79	-64.35	0.00608
-50.20	-62.93	0.00598	-62.93	-50.20	0.00306
-64.35	-48.79	0.00302	-65.76	-47.38	0.00298
-67.18	-45.96	0.00295	-68.59	-44.55	0.00292
-70.71	-42.43	0.00287	-74.25	-38.89	0.00277
-77.78	-35.36	0.00265	-84.85	-28.28	0.00239
-91.92	-21.21	0.00214	-98.99	-14.14	0.00191
-106.07	-7.07	0.00171	-113.14	0.00	0.00154
-120.21	7.07	0.00139	-127.28	14.14	0.00126
7.07	-134.35	0.00352	0.00	-127.28	0.00383
-7.07	-120.21	0.00418	-14.14	-113.14	0.00458
-21.21	-106.07	0.00501	-28.28	-98.99	0.00547
-35.36	-91.92	0.00592	-42.43	-84.85	0.00629
-45.96	-81.32	0.00638	-49.50	-77.78	0.00638
-51.62	-75.66	0.00632	-53.03	-74.25	0.00626
-54.45	-72.83	0.00617	-55.86	-71.42	0.00607
-57.28	-70.00	0.00597	-70.00	-57.28	0.00306
-71.42	-55.86	0.00301	-72.83	-54.45	0.00298
-74.25	-53.03	0.00295	-75.66	-51.62	0.00292

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 136  
 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00287	-81.32	-45.96	0.00276
-84.85	-42.43	0.00265	-91.92	-35.36	0.00239
-98.99	-28.28	0.00213	-106.07	-21.21	0.00191
-113.14	-14.14	0.00171	-120.21	-7.07	0.00154
-127.28	0.00	0.00139	-134.35	7.07	0.00126
0.00	-141.42	0.00350	-7.07	-134.35	0.00381
-14.14	-127.28	0.00417	-21.21	-120.21	0.00456
-28.28	-113.14	0.00500	-35.36	-106.07	0.00546
-42.43	-98.99	0.00591	-49.50	-91.92	0.00627
-53.03	-88.39	0.00637	-56.57	-84.85	0.00637
-58.69	-82.73	0.00632	-60.10	-81.32	0.00625
-61.52	-79.90	0.00616	-62.93	-78.49	0.00606
-64.35	-77.07	0.00595	-77.07	-64.35	0.00305
-78.49	-62.93	0.00301	-79.90	-61.52	0.00297
-81.32	-60.10	0.00294	-82.73	-58.69	0.00291
-84.85	-56.57	0.00286	-88.39	-53.03	0.00276
-91.92	-49.50	0.00264	-98.99	-42.43	0.00238
-106.07	-35.36	0.00213	-113.14	-28.28	0.00190
-120.21	-21.21	0.00170	-127.28	-14.14	0.00153
-134.35	-7.07	0.00139	-141.42	0.00	0.00126
-7.07	-148.49	0.00348	-14.14	-141.42	0.00379
-21.21	-134.35	0.00415	-28.28	-127.28	0.00454
-35.36	-120.21	0.00498	-42.43	-113.14	0.00544
-49.50	-106.07	0.00590	-56.57	-98.99	0.00626
-60.10	-95.46	0.00636	-63.64	-91.92	0.00636
-65.76	-89.80	0.00630	-67.18	-88.39	0.00624
-68.59	-86.97	0.00615	-70.00	-85.56	0.00605
-71.42	-84.15	0.00594	-84.15	-71.42	0.00305
-85.56	-70.00	0.00300	-86.97	-68.59	0.00297
-88.39	-67.18	0.00294	-89.80	-65.76	0.00291
-91.92	-63.64	0.00285	-95.46	-60.10	0.00275
-98.99	-56.57	0.00263	-106.07	-49.50	0.00237
-113.14	-42.43	0.00212	-120.21	-35.36	0.00190
-127.28	-28.28	0.00170	-134.35	-21.21	0.00153
-141.42	-14.14	0.00138	-148.49	-7.07	0.00126
-14.14	-155.56	0.00345	-21.21	-148.49	0.00376
-28.28	-141.42	0.00412	-35.36	-134.35	0.00452
-42.43	-127.28	0.00496	-49.50	-120.21	0.00542
-56.57	-113.14	0.00588	-63.64	-106.07	0.00624
-67.18	-102.53	0.00634	-70.71	-98.99	0.00635

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-72.83	-96.87	0.00629	-74.25	-95.46	0.00622	
-75.66	-94.05	0.00614	-77.07	-92.63	0.00604	
-78.49	-91.22	0.00593	-91.22	-78.49	0.00304	
-92.63	-77.07	0.00299	-94.05	-75.66	0.00296	
-95.46	-74.25	0.00293	-96.87	-72.83	0.00290	
-98.99	-70.71	0.00285	-102.53	-67.18	0.00274	
-106.07	-63.64	0.00262	-113.14	-56.57	0.00237	
-120.21	-49.50	0.00211	-127.28	-42.43	0.00189	
-134.35	-35.36	0.00169	-141.42	-28.28	0.00152	
-148.49	-21.21	0.00138	-155.56	-14.14	0.00125	
-21.21	-162.63	0.00341	-28.28	-155.56	0.00373	
-35.36	-148.49	0.00408	-42.43	-141.42	0.00449	
-49.50	-134.35	0.00493	-56.57	-127.28	0.00540	
-63.64	-120.21	0.00585	-70.71	-113.14	0.00622	
-74.25	-109.60	0.00632	-77.78	-106.07	0.00633	
-79.90	-103.94	0.00627	-81.32	-102.53	0.00621	
-82.73	-101.12	0.00613	-84.15	-99.70	0.00602	
-85.56	-98.29	0.00591	-98.29	-85.56	0.00303	
-99.70	-84.15	0.00298	-101.12	-82.73	0.00294	
-102.53	-81.32	0.00291	-103.94	-79.90	0.00288	
-106.07	-77.78	0.00283	-109.60	-74.25	0.00273	
-113.14	-70.71	0.00261	-120.21	-63.64	0.00235	
-127.28	-56.57	0.00210	-134.35	-49.50	0.00188	
-141.42	-42.43	0.00168	-148.49	-35.36	0.00151	
-155.56	-28.28	0.00137	-162.63	-21.21	0.00125	
-28.28	-169.71	0.00336	-35.36	-162.63	0.00368	
-42.43	-155.56	0.00404	-49.50	-148.49	0.00444	
-56.57	-141.42	0.00489	-63.64	-134.35	0.00536	
-70.71	-127.28	0.00582	-77.78	-120.21	0.00619	
-81.32	-116.67	0.00629	-84.85	-113.14	0.00630	
-86.97	-111.02	0.00624	-88.39	-109.60	0.00617	
-89.80	-108.19	0.00609	-91.22	-106.77	0.00601	
-92.63	-105.36	0.00591	-105.36	-92.63	0.00301	
-106.77	-91.22	0.00296	-108.19	-89.80	0.00293	
-109.60	-88.39	0.00290	-111.02	-86.97	0.00287	
-113.14	-84.85	0.00282	-116.67	-81.32	0.00272	

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00260	-127.28	-70.71	0.00234
-134.35	-63.64	0.00209	-141.42	-56.57	0.00186
-148.49	-49.50	0.00167	-155.56	-42.43	0.00151
-162.63	-35.36	0.00136	-169.71	-28.28	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00329	-42.43	-169.71	0.00361
-49.50	-162.63	0.00398	-56.57	-155.56	0.00438
-63.64	-148.49	0.00483	-70.71	-141.42	0.00531
-77.78	-134.35	0.00578	-84.85	-127.28	0.00615
-88.39	-123.74	0.00625	-91.92	-120.21	0.00627
-94.05	-118.09	0.00621	-95.46	-116.67	0.00614
-96.87	-115.26	0.00606	-98.29	-113.84	0.00597
-99.70	-112.43	0.00587	-112.43	-99.70	0.00298
-113.84	-98.29	0.00294	-115.26	-96.87	0.00291
-116.67	-95.46	0.00288	-118.09	-94.05	0.00285
-120.21	-91.92	0.00280	-123.74	-88.39	0.00270
-127.28	-84.85	0.00258	-134.35	-77.78	0.00232
-141.42	-70.71	0.00207	-148.49	-63.64	0.00185
-155.56	-56.57	0.00166	-162.63	-49.50	0.00150
-169.71	-42.43	0.00135	-176.78	-35.36	0.00123
-42.43	-183.85	0.00320	-49.50	-176.78	0.00352
-56.57	-169.71	0.00389	-63.64	-162.63	0.00430
-70.71	-155.56	0.00476	-77.78	-148.49	0.00525
-84.85	-141.42	0.00572	-91.92	-134.35	0.00610
-95.46	-130.81	0.00620	-98.99	-127.28	0.00622
-101.12	-125.16	0.00617	-102.53	-123.74	0.00611
-103.94	-122.33	0.00602	-105.36	-120.92	0.00592
-106.77	-119.50	0.00583	-119.50	-106.77	0.00295
-120.92	-105.36	0.00291	-122.33	-103.94	0.00288
-123.74	-102.53	0.00285	-125.16	-101.12	0.00282
-127.28	-98.99	0.00277	-130.81	-95.46	0.00267
-134.35	-91.92	0.00255	-141.42	-84.85	0.00230
-148.49	-77.78	0.00205	-155.56	-70.71	0.00183
-162.63	-63.64	0.00165	-169.71	-56.57	0.00148
-176.78	-49.50	0.00134	-183.85	-42.43	0.00122

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00308	-56.57	-183.85	0.00340
-63.64	-176.78	0.00377	-70.71	-169.71	0.00419
-77.78	-162.63	0.00465	-84.85	-155.56	0.00515
-91.92	-148.49	0.00564	-98.99	-141.42	0.00603
-102.53	-137.89	0.00614	-106.07	-134.35	0.00615
-108.19	-132.23	0.00611	-109.60	-130.81	0.00605
-111.02	-129.40	0.00597	-112.43	-127.99	0.00587
-113.84	-126.57	0.00577	-126.57	-113.84	0.00291
-127.99	-112.43	0.00287	-129.40	-111.02	0.00284
-130.81	-109.60	0.00282	-132.23	-108.19	0.00279

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00274	-137.89	-102.53	0.00264
-141.42	-98.99	0.00252	-148.49	-91.92	0.00227
-155.56	-84.85	0.00203	-162.63	-77.78	0.00181
-169.71	-70.71	0.00163	-176.78	-63.64	0.00146
-183.85	-56.57	0.00132	-190.92	-49.50	0.00120
-56.57	-197.99	0.00292	-63.64	-190.92	0.00324
-70.71	-183.85	0.00360	-77.78	-176.78	0.00402
-84.85	-169.71	0.00450	-91.92	-162.63	0.00500
-98.99	-155.56	0.00551	-106.07	-148.49	0.00592
-109.60	-144.96	0.00605	-113.14	-141.42	0.00607
-115.26	-139.30	0.00602	-116.67	-137.89	0.00597
-118.09	-136.47	0.00589	-119.50	-135.06	0.00580
-120.92	-133.64	0.00570	-133.64	-120.92	0.00287
-135.06	-119.50	0.00283	-136.47	-118.09	0.00280
-137.89	-116.67	0.00277	-139.30	-115.26	0.00274
-141.42	-113.14	0.00269	-144.96	-109.60	0.00259
-148.49	-106.07	0.00248	-155.56	-98.99	0.00224
-162.63	-91.92	0.00200	-169.71	-84.85	0.00179
-176.78	-77.78	0.00160	-183.85	-70.71	0.00144
-190.92	-63.64	0.00130	-197.99	-56.57	0.00118
-63.64	-205.06	0.00272	-70.71	-197.99	0.00302
-77.78	-190.92	0.00337	-84.85	-183.85	0.00378
-91.92	-176.78	0.00425	-98.99	-169.71	0.00477
-106.07	-162.63	0.00530	-113.14	-155.56	0.00575

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00589	-120.21	-148.49	0.00594
-122.33	-146.37	0.00590	-123.74	-144.96	0.00585
-125.16	-143.54	0.00578	-126.57	-142.13	0.00569
-127.99	-140.71	0.00559	-140.71	-127.99	0.00280
-142.13	-126.57	0.00276	-143.54	-125.16	0.00273
-144.96	-123.74	0.00271	-146.37	-122.33	0.00268
-148.49	-120.21	0.00263	-152.03	-116.67	0.00254
-155.56	-113.14	0.00243	-162.63	-106.07	0.00219
-169.71	-98.99	0.00196	-176.78	-91.92	0.00175
-183.85	-84.85	0.00156	-190.92	-77.78	0.00141
-197.99	-70.71	0.00127	-205.06	-63.64	0.00115
-70.71	-212.13	0.00248	-77.78	-205.06	0.00274
-84.85	-197.99	0.00306	-91.92	-190.92	0.00344
-98.99	-183.85	0.00388	-106.07	-176.78	0.00439
-113.14	-169.71	0.00494	-120.21	-162.63	0.00543
-123.74	-159.10	0.00561	-127.28	-155.56	0.00570

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00569	-130.81	-152.03	0.00565
-132.23	-150.61	0.00559	-133.64	-149.20	0.00552
-135.06	-147.79	0.00544	-147.79	-135.06	0.00271
-149.20	-133.64	0.00267	-150.61	-132.23	0.00265
-152.03	-130.81	0.00262	-153.44	-129.40	0.00260
-155.56	-127.28	0.00255	-159.10	-123.74	0.00247
-162.63	-120.21	0.00236	-169.71	-113.14	0.00213
-176.78	-106.07	0.00190	-183.85	-98.99	0.00169
-190.92	-91.92	0.00151	-197.99	-84.85	0.00136
-205.06	-77.78	0.00123	-212.13	-70.71	0.00112
-77.78	-219.20	0.00221	-84.85	-212.13	0.00243
-91.92	-205.06	0.00269	-98.99	-197.99	0.00300
-106.07	-190.92	0.00337	-113.14	-183.85	0.00379
-120.21	-176.78	0.00428	-127.28	-169.71	0.00479
-130.81	-166.17	0.00502	-134.35	-162.63	0.00518
-136.47	-160.51	0.00523	-137.89	-159.10	0.00523
-139.30	-157.68	0.00522	-140.71	-156.27	0.00518
-142.13	-154.86	0.00514	-154.86	-142.13	0.00258



12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00254	-157.68	-139.30	0.00252
-159.10	-137.89	0.00250	-160.51	-136.47	0.00248
-162.63	-134.35	0.00244	-166.17	-130.81	0.00235
-169.71	-127.28	0.00225	-176.78	-120.21	0.00202
-183.85	-113.14	0.00180	-190.92	-106.07	0.00161
-197.99	-98.99	0.00144	-205.06	-91.92	0.00129
-212.13	-84.85	0.00117	-219.20	-77.78	0.00107
-84.85	-226.27	0.00192	-91.92	-219.20	0.00209
-98.99	-212.13	0.00228	-106.07	-205.06	0.00250
-113.14	-197.99	0.00275	-120.21	-190.92	0.00303
-127.28	-183.85	0.00333	-134.35	-176.78	0.00362
-137.89	-173.24	0.00375	-141.42	-169.71	0.00387
-143.54	-167.58	0.00395	-144.96	-166.17	0.00400
-146.37	-164.76	0.00405	-147.79	-163.34	0.00413
-149.20	-161.93	0.00422	-161.93	-149.20	0.00234
-163.34	-147.79	0.00230	-164.76	-146.37	0.00228
-166.17	-144.96	0.00225	-167.58	-143.54	0.00223
-169.71	-141.42	0.00219	-173.24	-137.89	0.00212
-176.78	-134.35	0.00203	-183.85	-127.28	0.00183
-190.92	-120.21	0.00165	-197.99	-113.14	0.00148
-205.06	-106.07	0.00133	-212.13	-98.99	0.00120
-219.20	-91.92	0.00109	-226.27	-84.85	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00163	-98.99	-226.27	0.00175
-106.07	-219.20	0.00187	-113.14	-212.13	0.00200
-120.21	-205.06	0.00213	-127.28	-197.99	0.00225
-134.35	-190.92	0.00233	-141.42	-183.85	0.00233
-144.96	-180.31	0.00228	-148.49	-176.78	0.00218
-150.61	-174.66	0.00209	-152.03	-173.24	0.00203
-153.44	-171.83	0.00195	-154.86	-170.41	0.00188
-156.27	-169.00	0.00180	-169.00	-156.27	0.00158
-170.41	-154.86	0.00160	-171.83	-153.44	0.00162
-173.24	-152.03	0.00164	-174.66	-150.61	0.00165
-176.78	-148.49	0.00166	-180.31	-144.96	0.00166
-183.85	-141.42	0.00163	-190.92	-134.35	0.00154

12NCRA\_PL92-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00142	-205.06	-120.21	0.00130
-212.13	-113.14	0.00119	-219.20	-106.07	0.00109
-226.27	-98.99	0.00100	-233.35	-91.92	0.00092
-98.99	-240.42	0.00137	-106.07	-233.35	0.00145
-113.14	-226.27	0.00152	-120.21	-219.20	0.00158
-127.28	-212.13	0.00164	-134.35	-205.06	0.00166
-141.42	-197.99	0.00164	-148.49	-190.92	0.00157
-152.03	-187.38	0.00151	-155.56	-183.85	0.00145
-157.68	-181.73	0.00141	-159.10	-180.31	0.00138
-160.51	-178.90	0.00135	-161.93	-177.48	0.00133
-163.34	-176.07	0.00130	-176.07	-163.34	0.00117
-177.48	-161.93	0.00119	-178.90	-160.51	0.00120
-180.31	-159.10	0.00122	-181.73	-157.68	0.00123
-183.85	-155.56	0.00125	-187.38	-152.03	0.00127
-190.92	-148.49	0.00127	-197.99	-141.42	0.00124
-205.06	-134.35	0.00118	-212.13	-127.28	0.00111
-219.20	-120.21	0.00104	-226.27	-113.14	0.00096
-233.35	-106.07	0.00090	-240.42	-98.99	0.00084
-106.07	-247.49	0.00115	-113.14	-240.42	0.00119
-120.21	-233.35	0.00123	-127.28	-226.27	0.00126
-134.35	-219.20	0.00127	-141.42	-212.13	0.00127
-148.49	-205.06	0.00124	-155.56	-197.99	0.00120
-159.10	-194.45	0.00117	-162.63	-190.92	0.00114
-164.76	-188.80	0.00113	-166.17	-187.38	0.00112
-167.58	-185.97	0.00110	-169.00	-184.55	0.00109
-170.41	-183.14	0.00106	-183.14	-170.41	0.00097
-184.55	-169.00	0.00097	-185.97	-167.58	0.00098
-187.38	-166.17	0.00098	-188.80	-164.76	0.00099

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00100	-194.45	-159.10	0.00102
-197.99	-155.56	0.00103	-205.06	-148.49	0.00102
-212.13	-141.42	0.00099	-219.20	-134.35	0.00095
-226.27	-127.28	0.00090	-233.35	-120.21	0.00085
-240.42	-113.14	0.00080	-247.49	-106.07	0.00075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00527 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( -116.67, -152.03, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( -123.74, -144.96, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00527 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( -53.03, -88.39, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( -60.10, -81.32, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00527 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 10.61, -24.75, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( 3.54, -17.68, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00527 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 74.25, 38.89, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00519 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00519 AT ( 67.18, 45.96, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00527 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00525 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00524 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00524 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00523 AT ( 132.23, 108.19, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00522 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00520 AT ( 137.89, 102.53, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00520 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA

		12NCRA PL92-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00519	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00519	AT (	130.81,	109.60,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00641	AT (	-14.14,	-42.43,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00641	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00641	AT (	-7.07,	-35.36,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00641	AT (	-21.21,	-49.50,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00641	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00641	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00641	AT (	-28.28,	-56.57,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00640	AT (	0.00,	-28.28,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00640	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00640	AT (	7.07,	-21.21,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:47:10

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 4 Informational Message(s)  
 A Total of 4 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 14:52:42

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2

RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2

RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2



RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2

RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2

RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2

RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2

RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2



RE DISCCART	113.14	14.14	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	74.25	38.89	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	48.79	64.35	1.2

RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART 28.99 41.72 1.2  
 RE DISCCART 27.58 43.13 1.2  
 RE DISCCART 26.16 44.55 1.2  
 RE DISCCART 24.75 45.96 1.2  
 RE DISCCART 23.33 47.38 1.2  
 RE DISCCART 21.21 49.5 1.2  
 RE DISCCART 17.68 53.03 1.2  
 RE DISCCART 14.14 56.57 1.2  
 RE DISCCART 7.07 63.64 1.2  
 RE DISCCART 0.0 70.71 1.2  
 RE DISCCART -7.07 77.78 1.2  
 RE DISCCART -14.14 84.85 1.2  
 RE DISCCART -21.21 91.92 1.2  
 RE DISCCART -28.28 98.99 1.2  
 RE DISCCART -35.36 106.07 1.2  
 RE DISCCART 98.99 -42.43 1.2  
 RE DISCCART 91.92 -35.36 1.2  
 RE DISCCART 84.85 -28.28 1.2  
 RE DISCCART 77.78 -21.21 1.2  
 RE DISCCART 70.71 -14.14 1.2  
 RE DISCCART 63.64 -7.07 1.2  
 RE DISCCART 56.57 0.0 1.2  
 RE DISCCART 49.5 7.07 1.2  
 RE DISCCART 45.96 10.61 1.2  
 RE DISCCART 42.43 14.14 1.2  
 RE DISCCART 40.31 16.26 1.2  
 RE DISCCART 38.89 17.68 1.2  
 RE DISCCART 37.48 19.09 1.2  
 RE DISCCART 36.06 20.51 1.2  
 RE DISCCART 34.65 21.92 1.2  
 RE DISCCART 21.92 34.65 1.2  
 RE DISCCART 20.51 36.06 1.2  
 RE DISCCART 19.09 37.48 1.2  
 RE DISCCART 17.68 38.89 1.2  
 RE DISCCART 16.26 40.31 1.2  
 RE DISCCART 14.14 42.43 1.2  
 RE DISCCART 10.61 45.96 1.2  
 RE DISCCART 7.07 49.5 1.2  
 RE DISCCART 0.0 56.57 1.2  
 RE DISCCART -7.07 63.64 1.2  
 RE DISCCART -14.14 70.71 1.2  
 RE DISCCART -21.21 77.78 1.2  
 RE DISCCART -28.28 84.85 1.2  
 RE DISCCART -35.36 91.92 1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2

RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	49.5	-63.64	1.2
RE DISCCART	42.43	-56.57	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	4.95	-19.09	1.2

RE DISCCART	3.54	-17.68	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2



RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	7.07	-49.5	1.2
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RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-77.78	1.2
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RE DISCCART	-10.61	-45.96	1.2

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RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-34.65	-21.92	1.2
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RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	35.36	1.2
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RE DISCCART	21.21	-91.92	1.2
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RE DISCCART	0.0	-70.71	1.2
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RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-21.21	-49.5	1.2
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RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
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 RE DISCCART -70.71 0.0 1.2  
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 RE DISCCART -91.92 21.21 1.2  
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 RE DISCCART -106.07 35.36 1.2  
 RE DISCCART 28.28 -113.14 1.2  
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 RE DISCCART -98.99 14.14 1.2  
 RE DISCCART -106.07 21.21 1.2  
 RE DISCCART -113.14 28.28 1.2  
 RE DISCCART 21.21 -120.21 1.2  
 RE DISCCART 14.14 -113.14 1.2  
 RE DISCCART 7.07 -106.07 1.2  
 RE DISCCART 0.0 -98.99 1.2  
 RE DISCCART -7.07 -91.92 1.2  
 RE DISCCART -14.14 -84.85 1.2  
 RE DISCCART -21.21 -77.78 1.2

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RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
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RE DISCCART	-61.52	-37.48	1.2
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RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
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RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

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RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
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RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
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RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
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RE DISCCART	-106.07	-35.36	1.2
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RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
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RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
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RE DISCCART	-49.5	-120.21	1.2
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RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
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RE DISCCART	-148.49	-21.21	1.2
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RE DISCCART	-35.36	-148.49	1.2

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RE DISCCART	-79.9	-103.94	1.2
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RE DISCCART	-111.02	-86.97	1.2
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RE DISCCART	-155.56	-42.43	1.2
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RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
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RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
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RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-115.26	-96.87	1.2
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RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
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RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
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RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2

RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-148.49	-91.92	1.2
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RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-56.57	-197.99	1.2
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RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-84.85	-169.71	1.2
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RE DISCCART	-98.99	-155.56	1.2
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RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-135.06	-119.5	1.2
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RE DISCCART	-137.89	-116.67	1.2
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RE DISCCART	-141.42	-113.14	1.2
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RE DISCCART	-148.49	-106.07	1.2
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RE DISCCART	-162.63	-91.92	1.2
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RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
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RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
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RE DISCCART	-77.78	-205.06	1.2
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RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
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RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
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RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
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RE DISCCART	-147.79	-135.06	1.2
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RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
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RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-154.86	-142.13	1.2
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RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
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RE DISCCART	-144.96	-166.17	1.2
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RE DISCCART	-161.93	-149.2	1.2
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RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2

RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-98.99	-240.42	1.2
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RE DISCCART	-113.14	-226.27	1.2
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RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

RE DISCCART -212.13 -127.28 1.2  
 RE DISCCART -219.2 -120.21 1.2  
 RE DISCCART -226.27 -113.14 1.2  
 RE DISCCART -233.35 -106.07 1.2  
 RE DISCCART -240.42 -98.99 1.2  
 RE DISCCART -106.07 -247.49 1.2  
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 RE DISCCART -120.21 -233.35 1.2  
 RE DISCCART -127.28 -226.27 1.2  
 RE DISCCART -134.35 -219.2 1.2  
 RE DISCCART -141.42 -212.13 1.2  
 RE DISCCART -148.49 -205.06 1.2  
 RE DISCCART -155.56 -197.99 1.2  
 RE DISCCART -159.1 -194.45 1.2  
 RE DISCCART -162.63 -190.92 1.2  
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 RE DISCCART -166.17 -187.38 1.2  
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 RE DISCCART -170.41 -183.14 1.2  
 RE DISCCART -183.14 -170.41 1.2  
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 RE DISCCART -187.38 -166.17 1.2  
 RE DISCCART -188.8 -164.76 1.2  
 RE DISCCART -190.92 -162.63 1.2  
 RE DISCCART -194.45 -159.1 1.2  
 RE DISCCART -197.99 -155.56 1.2  
 RE DISCCART -205.06 -148.49 1.2  
 RE DISCCART -212.13 -141.42 1.2  
 RE DISCCART -219.2 -134.35 1.2  
 RE DISCCART -226.27 -127.28 1.2  
 RE DISCCART -233.35 -120.21 1.2  
 RE DISCCART -240.42 -113.14 1.2  
 RE DISCCART -247.49 -106.07 1.2  
 RE FINISHED

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 ME ANEMHGHT 10 METERS  
 ME SURFDATA 9901 1993  
 ME UAIRDATA 9901 1993  
 ME STARTEND 1993 01 01 1 1993 12 31 24  
 ME FINISHED



OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

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\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\13NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\13NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-92.3	-98.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S2	0	0.21100E-07	-28.6	-35.0	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S3	0	0.21100E-07	35.0	28.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S4	0	0.21100E-07	98.6	92.3	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S5	0	0.21100E-07	162.3	155.9	0.0	4.95	9.00	90.00	-135.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 247.5, 106.1, 0.0, 1.2);	( 240.4, 113.1, 0.0, 1.2);
( 233.4, 120.2, 0.0, 1.2);	( 226.3, 127.3, 0.0, 1.2);
( 219.2, 134.4, 0.0, 1.2);	( 212.1, 141.4, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 205.1,	148.5,	0.0,	1.2);	( 198.0,	155.6,	0.0,	1.2);
( 194.4,	159.1,	0.0,	1.2);	( 190.9,	162.6,	0.0,	1.2);
( 188.8,	164.8,	0.0,	1.2);	( 187.4,	166.2,	0.0,	1.2);
( 186.0,	167.6,	0.0,	1.2);	( 184.6,	169.0,	0.0,	1.2);
( 183.1,	170.4,	0.0,	1.2);	( 170.4,	183.1,	0.0,	1.2);
( 169.0,	184.6,	0.0,	1.2);	( 167.6,	186.0,	0.0,	1.2);
( 166.2,	187.4,	0.0,	1.2);	( 164.8,	188.8,	0.0,	1.2);
( 162.6,	190.9,	0.0,	1.2);	( 159.1,	194.4,	0.0,	1.2);
( 155.6,	198.0,	0.0,	1.2);	( 148.5,	205.1,	0.0,	1.2);
( 141.4,	212.1,	0.0,	1.2);	( 134.4,	219.2,	0.0,	1.2);
( 127.3,	226.3,	0.0,	1.2);	( 120.2,	233.4,	0.0,	1.2);
( 113.1,	240.4,	0.0,	1.2);	( 106.1,	247.5,	0.0,	1.2);
( 240.4,	99.0,	0.0,	1.2);	( 233.4,	106.1,	0.0,	1.2);
( 226.3,	113.1,	0.0,	1.2);	( 219.2,	120.2,	0.0,	1.2);
( 212.1,	127.3,	0.0,	1.2);	( 205.1,	134.4,	0.0,	1.2);
( 198.0,	141.4,	0.0,	1.2);	( 190.9,	148.5,	0.0,	1.2);
( 187.4,	152.0,	0.0,	1.2);	( 183.9,	155.6,	0.0,	1.2);
( 181.7,	157.7,	0.0,	1.2);	( 180.3,	159.1,	0.0,	1.2);
( 178.9,	160.5,	0.0,	1.2);	( 177.5,	161.9,	0.0,	1.2);
( 176.1,	163.3,	0.0,	1.2);	( 163.3,	176.1,	0.0,	1.2);
( 161.9,	177.5,	0.0,	1.2);	( 160.5,	178.9,	0.0,	1.2);
( 159.1,	180.3,	0.0,	1.2);	( 157.7,	181.7,	0.0,	1.2);
( 155.6,	183.9,	0.0,	1.2);	( 152.0,	187.4,	0.0,	1.2);
( 148.5,	190.9,	0.0,	1.2);	( 141.4,	198.0,	0.0,	1.2);
( 134.4,	205.1,	0.0,	1.2);	( 127.3,	212.1,	0.0,	1.2);
( 120.2,	219.2,	0.0,	1.2);	( 113.1,	226.3,	0.0,	1.2);
( 106.1,	233.4,	0.0,	1.2);	( 99.0,	240.4,	0.0,	1.2);
( 233.4,	91.9,	0.0,	1.2);	( 226.3,	99.0,	0.0,	1.2);
( 219.2,	106.1,	0.0,	1.2);	( 212.1,	113.1,	0.0,	1.2);
( 205.1,	120.2,	0.0,	1.2);	( 198.0,	127.3,	0.0,	1.2);
( 190.9,	134.4,	0.0,	1.2);	( 183.9,	141.4,	0.0,	1.2);
( 180.3,	145.0,	0.0,	1.2);	( 176.8,	148.5,	0.0,	1.2);
( 174.7,	150.6,	0.0,	1.2);	( 173.2,	152.0,	0.0,	1.2);
( 171.8,	153.4,	0.0,	1.2);	( 170.4,	154.9,	0.0,	1.2);
( 169.0,	156.3,	0.0,	1.2);	( 156.3,	169.0,	0.0,	1.2);
( 154.9,	170.4,	0.0,	1.2);	( 153.4,	171.8,	0.0,	1.2);
( 152.0,	173.2,	0.0,	1.2);	( 150.6,	174.7,	0.0,	1.2);
( 148.5,	176.8,	0.0,	1.2);	( 145.0,	180.3,	0.0,	1.2);
( 141.4,	183.9,	0.0,	1.2);	( 134.4,	190.9,	0.0,	1.2);
( 127.3,	198.0,	0.0,	1.2);	( 120.2,	205.1,	0.0,	1.2);
( 113.1,	212.1,	0.0,	1.2);	( 106.1,	219.2,	0.0,	1.2);
( 99.0,	226.3,	0.0,	1.2);	( 91.9,	233.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

14:52:42

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 226.3,	84.8,	0.0,	1.2);	( 219.2,	91.9,	0.0,	1.2);
( 212.1,	99.0,	0.0,	1.2);	( 205.1,	106.1,	0.0,	1.2);
( 198.0,	113.1,	0.0,	1.2);	( 190.9,	120.2,	0.0,	1.2);
( 183.9,	127.3,	0.0,	1.2);	( 176.8,	134.4,	0.0,	1.2);
( 173.2,	137.9,	0.0,	1.2);	( 169.7,	141.4,	0.0,	1.2);
( 167.6,	143.5,	0.0,	1.2);	( 166.2,	145.0,	0.0,	1.2);
( 164.8,	146.4,	0.0,	1.2);	( 163.3,	147.8,	0.0,	1.2);
( 161.9,	149.2,	0.0,	1.2);	( 149.2,	161.9,	0.0,	1.2);
( 147.8,	163.3,	0.0,	1.2);	( 146.4,	164.8,	0.0,	1.2);
( 145.0,	166.2,	0.0,	1.2);	( 143.5,	167.6,	0.0,	1.2);
( 141.4,	169.7,	0.0,	1.2);	( 137.9,	173.2,	0.0,	1.2);
( 134.4,	176.8,	0.0,	1.2);	( 127.3,	183.9,	0.0,	1.2);
( 120.2,	190.9,	0.0,	1.2);	( 113.1,	198.0,	0.0,	1.2);
( 106.1,	205.1,	0.0,	1.2);	( 99.0,	212.1,	0.0,	1.2);
( 91.9,	219.2,	0.0,	1.2);	( 84.8,	226.3,	0.0,	1.2);
( 219.2,	77.8,	0.0,	1.2);	( 212.1,	84.8,	0.0,	1.2);
( 205.1,	91.9,	0.0,	1.2);	( 198.0,	99.0,	0.0,	1.2);
( 190.9,	106.1,	0.0,	1.2);	( 183.9,	113.1,	0.0,	1.2);
( 176.8,	120.2,	0.0,	1.2);	( 169.7,	127.3,	0.0,	1.2);
( 166.2,	130.8,	0.0,	1.2);	( 162.6,	134.4,	0.0,	1.2);
( 160.5,	136.5,	0.0,	1.2);	( 159.1,	137.9,	0.0,	1.2);
( 157.7,	139.3,	0.0,	1.2);	( 156.3,	140.7,	0.0,	1.2);
( 154.9,	142.1,	0.0,	1.2);	( 142.1,	154.9,	0.0,	1.2);
( 140.7,	156.3,	0.0,	1.2);	( 139.3,	157.7,	0.0,	1.2);
( 137.9,	159.1,	0.0,	1.2);	( 136.5,	160.5,	0.0,	1.2);
( 134.4,	162.6,	0.0,	1.2);	( 130.8,	166.2,	0.0,	1.2);
( 127.3,	169.7,	0.0,	1.2);	( 120.2,	176.8,	0.0,	1.2);
( 113.1,	183.9,	0.0,	1.2);	( 106.1,	190.9,	0.0,	1.2);
( 99.0,	198.0,	0.0,	1.2);	( 91.9,	205.1,	0.0,	1.2);
( 84.8,	212.1,	0.0,	1.2);	( 77.8,	219.2,	0.0,	1.2);
( 212.1,	70.7,	0.0,	1.2);	( 205.1,	77.8,	0.0,	1.2);
( 198.0,	84.8,	0.0,	1.2);	( 190.9,	91.9,	0.0,	1.2);
( 183.9,	99.0,	0.0,	1.2);	( 176.8,	106.1,	0.0,	1.2);
( 169.7,	113.1,	0.0,	1.2);	( 162.6,	120.2,	0.0,	1.2);
( 159.1,	123.7,	0.0,	1.2);	( 155.6,	127.3,	0.0,	1.2);
( 153.4,	129.4,	0.0,	1.2);	( 152.0,	130.8,	0.0,	1.2);
( 150.6,	132.2,	0.0,	1.2);	( 149.2,	133.6,	0.0,	1.2);
( 147.8,	135.1,	0.0,	1.2);	( 135.1,	147.8,	0.0,	1.2);
( 133.6,	149.2,	0.0,	1.2);	( 132.2,	150.6,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 130.8,	152.0,	0.0,	1.2);	( 129.4,	153.4,	0.0,	1.2);
( 127.3,	155.6,	0.0,	1.2);	( 123.7,	159.1,	0.0,	1.2);
( 120.2,	162.6,	0.0,	1.2);	( 113.1,	169.7,	0.0,	1.2);
( 106.1,	176.8,	0.0,	1.2);	( 99.0,	183.9,	0.0,	1.2);
( 91.9,	190.9,	0.0,	1.2);	( 84.8,	198.0,	0.0,	1.2);
( 77.8,	205.1,	0.0,	1.2);	( 70.7,	212.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 205.1,	63.6,	0.0,	1.2);	( 198.0,	70.7,	0.0,	1.2);
( 190.9,	77.8,	0.0,	1.2);	( 183.9,	84.8,	0.0,	1.2);
( 176.8,	91.9,	0.0,	1.2);	( 169.7,	99.0,	0.0,	1.2);
( 162.6,	106.1,	0.0,	1.2);	( 155.6,	113.1,	0.0,	1.2);
( 152.0,	116.7,	0.0,	1.2);	( 148.5,	120.2,	0.0,	1.2);
( 146.4,	122.3,	0.0,	1.2);	( 145.0,	123.7,	0.0,	1.2);
( 143.5,	125.2,	0.0,	1.2);	( 142.1,	126.6,	0.0,	1.2);
( 140.7,	128.0,	0.0,	1.2);	( 128.0,	140.7,	0.0,	1.2);
( 126.6,	142.1,	0.0,	1.2);	( 125.2,	143.5,	0.0,	1.2);
( 123.7,	145.0,	0.0,	1.2);	( 122.3,	146.4,	0.0,	1.2);
( 120.2,	148.5,	0.0,	1.2);	( 116.7,	152.0,	0.0,	1.2);
( 113.1,	155.6,	0.0,	1.2);	( 106.1,	162.6,	0.0,	1.2);
( 99.0,	169.7,	0.0,	1.2);	( 91.9,	176.8,	0.0,	1.2);
( 84.8,	183.9,	0.0,	1.2);	( 77.8,	190.9,	0.0,	1.2);
( 70.7,	198.0,	0.0,	1.2);	( 63.6,	205.1,	0.0,	1.2);
( 198.0,	56.6,	0.0,	1.2);	( 190.9,	63.6,	0.0,	1.2);
( 183.9,	70.7,	0.0,	1.2);	( 176.8,	77.8,	0.0,	1.2);
( 169.7,	84.8,	0.0,	1.2);	( 162.6,	91.9,	0.0,	1.2);
( 155.6,	99.0,	0.0,	1.2);	( 148.5,	106.1,	0.0,	1.2);
( 145.0,	109.6,	0.0,	1.2);	( 141.4,	113.1,	0.0,	1.2);
( 139.3,	115.3,	0.0,	1.2);	( 137.9,	116.7,	0.0,	1.2);
( 136.5,	118.1,	0.0,	1.2);	( 135.1,	119.5,	0.0,	1.2);
( 133.6,	120.9,	0.0,	1.2);	( 120.9,	133.6,	0.0,	1.2);
( 119.5,	135.1,	0.0,	1.2);	( 118.1,	136.5,	0.0,	1.2);
( 116.7,	137.9,	0.0,	1.2);	( 115.3,	139.3,	0.0,	1.2);
( 113.1,	141.4,	0.0,	1.2);	( 109.6,	145.0,	0.0,	1.2);
( 106.1,	148.5,	0.0,	1.2);	( 99.0,	155.6,	0.0,	1.2);
( 91.9,	162.6,	0.0,	1.2);	( 84.8,	169.7,	0.0,	1.2);
( 77.8,	176.8,	0.0,	1.2);	( 70.7,	183.9,	0.0,	1.2);
( 63.6,	190.9,	0.0,	1.2);	( 56.6,	198.0,	0.0,	1.2);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 176.8,	63.6,	0.0,	1.2);	( 169.7,	70.7,	0.0,	1.2);
( 162.6,	77.8,	0.0,	1.2);	( 155.6,	84.8,	0.0,	1.2);
( 148.5,	91.9,	0.0,	1.2);	( 141.4,	99.0,	0.0,	1.2);
( 137.9,	102.5,	0.0,	1.2);	( 134.4,	106.1,	0.0,	1.2);
( 132.2,	108.2,	0.0,	1.2);	( 130.8,	109.6,	0.0,	1.2);
( 129.4,	111.0,	0.0,	1.2);	( 128.0,	112.4,	0.0,	1.2);
( 126.6,	113.8,	0.0,	1.2);	( 113.8,	126.6,	0.0,	1.2);
( 112.4,	128.0,	0.0,	1.2);	( 111.0,	129.4,	0.0,	1.2);
( 109.6,	130.8,	0.0,	1.2);	( 108.2,	132.2,	0.0,	1.2);
( 106.1,	134.4,	0.0,	1.2);	( 102.5,	137.9,	0.0,	1.2);
( 99.0,	141.4,	0.0,	1.2);	( 91.9,	148.5,	0.0,	1.2);
( 84.8,	155.6,	0.0,	1.2);	( 77.8,	162.6,	0.0,	1.2);
( 70.7,	169.7,	0.0,	1.2);	( 63.6,	176.8,	0.0,	1.2);
( 56.6,	183.9,	0.0,	1.2);	( 49.5,	190.9,	0.0,	1.2);

1 \*\*\* ISCS T3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 169.7,	56.6,	0.0,	1.2);	( 162.6,	63.6,	0.0,	1.2);
( 155.6,	70.7,	0.0,	1.2);	( 148.5,	77.8,	0.0,	1.2);
( 141.4,	84.8,	0.0,	1.2);	( 134.4,	91.9,	0.0,	1.2);
( 130.8,	95.5,	0.0,	1.2);	( 127.3,	99.0,	0.0,	1.2);
( 125.2,	101.1,	0.0,	1.2);	( 123.7,	102.5,	0.0,	1.2);
( 122.3,	103.9,	0.0,	1.2);	( 120.9,	105.4,	0.0,	1.2);
( 119.5,	106.8,	0.0,	1.2);	( 106.8,	119.5,	0.0,	1.2);
( 105.4,	120.9,	0.0,	1.2);	( 103.9,	122.3,	0.0,	1.2);
( 102.5,	123.7,	0.0,	1.2);	( 101.1,	125.2,	0.0,	1.2);
( 99.0,	127.3,	0.0,	1.2);	( 95.5,	130.8,	0.0,	1.2);
( 91.9,	134.4,	0.0,	1.2);	( 84.8,	141.4,	0.0,	1.2);
( 77.8,	148.5,	0.0,	1.2);	( 70.7,	155.6,	0.0,	1.2);
( 63.6,	162.6,	0.0,	1.2);	( 56.6,	169.7,	0.0,	1.2);
( 49.5,	176.8,	0.0,	1.2);	( 42.4,	183.9,	0.0,	1.2);
( 176.8,	35.4,	0.0,	1.2);	( 169.7,	42.4,	0.0,	1.2);
( 162.6,	49.5,	0.0,	1.2);	( 155.6,	56.6,	0.0,	1.2);
( 148.5,	63.6,	0.0,	1.2);	( 141.4,	70.7,	0.0,	1.2);
( 134.4,	77.8,	0.0,	1.2);	( 127.3,	84.8,	0.0,	1.2);
( 123.7,	88.4,	0.0,	1.2);	( 120.2,	91.9,	0.0,	1.2);
( 118.1,	94.1,	0.0,	1.2);	( 116.7,	95.5,	0.0,	1.2);
( 115.3,	96.9,	0.0,	1.2);	( 113.8,	98.3,	0.0,	1.2);
( 112.4,	99.7,	0.0,	1.2);	( 99.7,	112.4,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 98.3,	113.8,	0.0,	1.2);	( 96.9,	115.3,	0.0,	1.2);
( 95.5,	116.7,	0.0,	1.2);	( 94.1,	118.1,	0.0,	1.2);
( 91.9,	120.2,	0.0,	1.2);	( 88.4,	123.7,	0.0,	1.2);
( 84.8,	127.3,	0.0,	1.2);	( 77.8,	134.4,	0.0,	1.2);
( 70.7,	141.4,	0.0,	1.2);	( 63.6,	148.5,	0.0,	1.2);
( 56.6,	155.6,	0.0,	1.2);	( 49.5,	162.6,	0.0,	1.2);
( 42.4,	169.7,	0.0,	1.2);	( 35.4,	176.8,	0.0,	1.2);
( 169.7,	28.3,	0.0,	1.2);	( 162.6,	35.4,	0.0,	1.2);
( 155.6,	42.4,	0.0,	1.2);	( 148.5,	49.5,	0.0,	1.2);
( 141.4,	56.6,	0.0,	1.2);	( 134.4,	63.6,	0.0,	1.2);
( 127.3,	70.7,	0.0,	1.2);	( 120.2,	77.8,	0.0,	1.2);
( 116.7,	81.3,	0.0,	1.2);	( 113.1,	84.8,	0.0,	1.2);
( 111.0,	87.0,	0.0,	1.2);	( 109.6,	88.4,	0.0,	1.2);
( 108.2,	89.8,	0.0,	1.2);	( 106.8,	91.2,	0.0,	1.2);
( 105.4,	92.6,	0.0,	1.2);	( 92.6,	105.4,	0.0,	1.2);
( 91.2,	106.8,	0.0,	1.2);	( 89.8,	108.2,	0.0,	1.2);
( 88.4,	109.6,	0.0,	1.2);	( 87.0,	111.0,	0.0,	1.2);
( 84.8,	113.1,	0.0,	1.2);	( 81.3,	116.7,	0.0,	1.2);
( 77.8,	120.2,	0.0,	1.2);	( 70.7,	127.3,	0.0,	1.2);
( 63.6,	134.4,	0.0,	1.2);	( 56.6,	141.4,	0.0,	1.2);
( 49.5,	148.5,	0.0,	1.2);	( 42.4,	155.6,	0.0,	1.2);
( 35.4,	162.6,	0.0,	1.2);	( 28.3,	169.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 162.6,	21.2,	0.0,	1.2);	( 155.6,	28.3,	0.0,	1.2);
( 148.5,	35.4,	0.0,	1.2);	( 141.4,	42.4,	0.0,	1.2);
( 134.4,	49.5,	0.0,	1.2);	( 127.3,	56.6,	0.0,	1.2);
( 120.2,	63.6,	0.0,	1.2);	( 113.1,	70.7,	0.0,	1.2);
( 109.6,	74.2,	0.0,	1.2);	( 106.1,	77.8,	0.0,	1.2);
( 103.9,	79.9,	0.0,	1.2);	( 102.5,	81.3,	0.0,	1.2);
( 101.1,	82.7,	0.0,	1.2);	( 99.7,	84.2,	0.0,	1.2);
( 98.3,	85.6,	0.0,	1.2);	( 85.6,	98.3,	0.0,	1.2);
( 84.2,	99.7,	0.0,	1.2);	( 82.7,	101.1,	0.0,	1.2);
( 81.3,	102.5,	0.0,	1.2);	( 79.9,	103.9,	0.0,	1.2);
( 77.8,	106.1,	0.0,	1.2);	( 74.2,	109.6,	0.0,	1.2);
( 70.7,	113.1,	0.0,	1.2);	( 63.6,	120.2,	0.0,	1.2);
( 56.6,	127.3,	0.0,	1.2);	( 49.5,	134.4,	0.0,	1.2);
( 42.4,	141.4,	0.0,	1.2);	( 35.4,	148.5,	0.0,	1.2);
( 28.3,	155.6,	0.0,	1.2);	( 21.2,	162.6,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 155.6,	14.1,	0.0,	1.2);	( 148.5,	21.2,	0.0,	1.2);
( 141.4,	28.3,	0.0,	1.2);	( 134.4,	35.4,	0.0,	1.2);
( 127.3,	42.4,	0.0,	1.2);	( 120.2,	49.5,	0.0,	1.2);
( 113.1,	56.6,	0.0,	1.2);	( 106.1,	63.6,	0.0,	1.2);
( 102.5,	67.2,	0.0,	1.2);	( 99.0,	70.7,	0.0,	1.2);
( 96.9,	72.8,	0.0,	1.2);	( 95.5,	74.2,	0.0,	1.2);
( 94.1,	75.7,	0.0,	1.2);	( 92.6,	77.1,	0.0,	1.2);
( 91.2,	78.5,	0.0,	1.2);	( 78.5,	91.2,	0.0,	1.2);
( 77.1,	92.6,	0.0,	1.2);	( 75.7,	94.1,	0.0,	1.2);
( 74.2,	95.5,	0.0,	1.2);	( 72.8,	96.9,	0.0,	1.2);
( 70.7,	99.0,	0.0,	1.2);	( 67.2,	102.5,	0.0,	1.2);
( 63.6,	106.1,	0.0,	1.2);	( 56.6,	113.1,	0.0,	1.2);
( 49.5,	120.2,	0.0,	1.2);	( 42.4,	127.3,	0.0,	1.2);
( 35.4,	134.4,	0.0,	1.2);	( 28.3,	141.4,	0.0,	1.2);
( 21.2,	148.5,	0.0,	1.2);	( 14.1,	155.6,	0.0,	1.2);
( 148.5,	7.1,	0.0,	1.2);	( 141.4,	14.1,	0.0,	1.2);
( 134.4,	21.2,	0.0,	1.2);	( 127.3,	28.3,	0.0,	1.2);
( 120.2,	35.4,	0.0,	1.2);	( 113.1,	42.4,	0.0,	1.2);
( 106.1,	49.5,	0.0,	1.2);	( 99.0,	56.6,	0.0,	1.2);
( 95.5,	60.1,	0.0,	1.2);	( 91.9,	63.6,	0.0,	1.2);
( 89.8,	65.8,	0.0,	1.2);	( 88.4,	67.2,	0.0,	1.2);
( 87.0,	68.6,	0.0,	1.2);	( 85.6,	70.0,	0.0,	1.2);
( 84.2,	71.4,	0.0,	1.2);	( 71.4,	84.2,	0.0,	1.2);
( 70.0,	85.6,	0.0,	1.2);	( 68.6,	87.0,	0.0,	1.2);
( 67.2,	88.4,	0.0,	1.2);	( 65.8,	89.8,	0.0,	1.2);
( 63.6,	91.9,	0.0,	1.2);	( 60.1,	95.5,	0.0,	1.2);
( 56.6,	99.0,	0.0,	1.2);	( 49.5,	106.1,	0.0,	1.2);
( 42.4,	113.1,	0.0,	1.2);	( 35.4,	120.2,	0.0,	1.2);
( 28.3,	127.3,	0.0,	1.2);	( 21.2,	134.4,	0.0,	1.2);
( 14.1,	141.4,	0.0,	1.2);	( 7.1,	148.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 141.4,	0.0,	0.0,	1.2);	( 134.4,	7.1,	0.0,	1.2);
( 127.3,	14.1,	0.0,	1.2);	( 120.2,	21.2,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	35.4,	0.0,	1.2);
( 99.0,	42.4,	0.0,	1.2);	( 91.9,	49.5,	0.0,	1.2);
( 88.4,	53.0,	0.0,	1.2);	( 84.8,	56.6,	0.0,	1.2);
( 82.7,	58.7,	0.0,	1.2);	( 81.3,	60.1,	0.0,	1.2);
( 79.9,	61.5,	0.0,	1.2);	( 78.5,	62.9,	0.0,	1.2);



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 77.1, 64.3, 0.0, 1.2);	( 64.3, 77.1, 0.0, 1.2);
( 62.9, 78.5, 0.0, 1.2);	( 61.5, 79.9, 0.0, 1.2);
( 60.1, 81.3, 0.0, 1.2);	( 58.7, 82.7, 0.0, 1.2);
( 56.6, 84.8, 0.0, 1.2);	( 53.0, 88.4, 0.0, 1.2);
( 49.5, 91.9, 0.0, 1.2);	( 42.4, 99.0, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 113.1, 0.0, 1.2);
( 21.2, 120.2, 0.0, 1.2);	( 14.1, 127.3, 0.0, 1.2);
( 7.1, 134.4, 0.0, 1.2);	( 0.0, 141.4, 0.0, 1.2);
( 134.4, -7.1, 0.0, 1.2);	( 127.3, 0.0, 0.0, 1.2);
( 120.2, 7.1, 0.0, 1.2);	( 113.1, 14.1, 0.0, 1.2);
( 106.1, 21.2, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 35.4, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 81.3, 46.0, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 75.7, 51.6, 0.0, 1.2);	( 74.2, 53.0, 0.0, 1.2);
( 72.8, 54.5, 0.0, 1.2);	( 71.4, 55.9, 0.0, 1.2);
( 70.0, 57.3, 0.0, 1.2);	( 57.3, 70.0, 0.0, 1.2);
( 55.9, 71.4, 0.0, 1.2);	( 54.5, 72.8, 0.0, 1.2);
( 53.0, 74.2, 0.0, 1.2);	( 51.6, 75.7, 0.0, 1.2);
( 49.5, 77.8, 0.0, 1.2);	( 46.0, 81.3, 0.0, 1.2);
( 42.4, 84.8, 0.0, 1.2);	( 35.4, 91.9, 0.0, 1.2);
( 28.3, 99.0, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 113.1, 0.0, 1.2);	( 7.1, 120.2, 0.0, 1.2);
( 0.0, 127.3, 0.0, 1.2);	( -7.1, 134.4, 0.0, 1.2);
( 127.3, -14.1, 0.0, 1.2);	( 120.2, -7.1, 0.0, 1.2);
( 113.1, 0.0, 0.0, 1.2);	( 106.1, 7.1, 0.0, 1.2);
( 99.0, 14.1, 0.0, 1.2);	( 91.9, 21.2, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 35.4, 0.0, 1.2);
( 74.2, 38.9, 0.0, 1.2);	( 70.7, 42.4, 0.0, 1.2);
( 68.6, 44.5, 0.0, 1.2);	( 67.2, 46.0, 0.0, 1.2);
( 65.8, 47.4, 0.0, 1.2);	( 64.3, 48.8, 0.0, 1.2);
( 62.9, 50.2, 0.0, 1.2);	( 50.2, 62.9, 0.0, 1.2);
( 48.8, 64.3, 0.0, 1.2);	( 47.4, 65.8, 0.0, 1.2);
( 46.0, 67.2, 0.0, 1.2);	( 44.5, 68.6, 0.0, 1.2);
( 42.4, 70.7, 0.0, 1.2);	( 38.9, 74.2, 0.0, 1.2);
( 35.4, 77.8, 0.0, 1.2);	( 28.3, 84.8, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 99.0, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 113.1, 0.0, 1.2);
( -7.1, 120.2, 0.0, 1.2);	( -14.1, 127.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

13NCRA\_PL93-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 120.2,	-21.2,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	7.1,	0.0,	1.2);	( 84.8,	14.1,	0.0,	1.2);
( 77.8,	21.2,	0.0,	1.2);	( 70.7,	28.3,	0.0,	1.2);
( 67.2,	31.8,	0.0,	1.2);	( 63.6,	35.4,	0.0,	1.2);
( 61.5,	37.5,	0.0,	1.2);	( 60.1,	38.9,	0.0,	1.2);
( 58.7,	40.3,	0.0,	1.2);	( 57.3,	41.7,	0.0,	1.2);
( 55.9,	43.1,	0.0,	1.2);	( 43.1,	55.9,	0.0,	1.2);
( 41.7,	57.3,	0.0,	1.2);	( 40.3,	58.7,	0.0,	1.2);
( 38.9,	60.1,	0.0,	1.2);	( 37.5,	61.5,	0.0,	1.2);
( 35.4,	63.6,	0.0,	1.2);	( 31.8,	67.2,	0.0,	1.2);
( 28.3,	70.7,	0.0,	1.2);	( 21.2,	77.8,	0.0,	1.2);
( 14.1,	84.8,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	99.0,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	113.1,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-21.2,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	7.1,	0.0,	1.2);
( 70.7,	14.1,	0.0,	1.2);	( 63.6,	21.2,	0.0,	1.2);
( 60.1,	24.8,	0.0,	1.2);	( 56.6,	28.3,	0.0,	1.2);
( 54.5,	30.4,	0.0,	1.2);	( 53.0,	31.8,	0.0,	1.2);
( 51.6,	33.2,	0.0,	1.2);	( 50.2,	34.7,	0.0,	1.2);
( 48.8,	36.1,	0.0,	1.2);	( 36.1,	48.8,	0.0,	1.2);
( 34.7,	50.2,	0.0,	1.2);	( 33.2,	51.6,	0.0,	1.2);
( 31.8,	53.0,	0.0,	1.2);	( 30.4,	54.5,	0.0,	1.2);
( 28.3,	56.6,	0.0,	1.2);	( 24.8,	60.1,	0.0,	1.2);
( 21.2,	63.6,	0.0,	1.2);	( 14.1,	70.7,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	84.8,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	99.0,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	113.1,	0.0,	1.2);
( 106.1,	-35.4,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-21.2,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-7.1,	0.0,	1.2);	( 70.7,	0.0,	0.0,	1.2);
( 63.6,	7.1,	0.0,	1.2);	( 56.6,	14.1,	0.0,	1.2);
( 53.0,	17.7,	0.0,	1.2);	( 49.5,	21.2,	0.0,	1.2);
( 47.4,	23.3,	0.0,	1.2);	( 46.0,	24.8,	0.0,	1.2);
( 44.5,	26.2,	0.0,	1.2);	( 43.1,	27.6,	0.0,	1.2);
( 41.7,	29.0,	0.0,	1.2);	( 29.0,	41.7,	0.0,	1.2);
( 27.6,	43.1,	0.0,	1.2);	( 26.2,	44.5,	0.0,	1.2);
( 24.8,	46.0,	0.0,	1.2);	( 23.3,	47.4,	0.0,	1.2);
( 21.2,	49.5,	0.0,	1.2);	( 17.7,	53.0,	0.0,	1.2);
( 14.1,	56.6,	0.0,	1.2);	( 7.1,	63.6,	0.0,	1.2);
( 0.0,	70.7,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -14.1, 84.8, 0.0, 1.2); ( -21.2, 91.9, 0.0, 1.2);  
( -28.3, 99.0, 0.0, 1.2); ( -35.4, 106.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 99.0, -42.4, 0.0, 1.2); ( 91.9, -35.4, 0.0, 1.2);  
( 84.8, -28.3, 0.0, 1.2); ( 77.8, -21.2, 0.0, 1.2);  
( 70.7, -14.1, 0.0, 1.2); ( 63.6, -7.1, 0.0, 1.2);  
( 56.6, 0.0, 0.0, 1.2); ( 49.5, 7.1, 0.0, 1.2);  
( 46.0, 10.6, 0.0, 1.2); ( 42.4, 14.1, 0.0, 1.2);  
( 40.3, 16.3, 0.0, 1.2); ( 38.9, 17.7, 0.0, 1.2);  
( 37.5, 19.1, 0.0, 1.2); ( 36.1, 20.5, 0.0, 1.2);  
( 34.7, 21.9, 0.0, 1.2); ( 21.9, 34.7, 0.0, 1.2);  
( 20.5, 36.1, 0.0, 1.2); ( 19.1, 37.5, 0.0, 1.2);  
( 17.7, 38.9, 0.0, 1.2); ( 16.3, 40.3, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 10.6, 46.0, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 56.6, 0.0, 1.2);  
( -7.1, 63.6, 0.0, 1.2); ( -14.1, 70.7, 0.0, 1.2);  
( -21.2, 77.8, 0.0, 1.2); ( -28.3, 84.8, 0.0, 1.2);  
( -35.4, 91.9, 0.0, 1.2); ( -42.4, 99.0, 0.0, 1.2);  
( 91.9, -49.5, 0.0, 1.2); ( 84.8, -42.4, 0.0, 1.2);  
( 77.8, -35.4, 0.0, 1.2); ( 70.7, -28.3, 0.0, 1.2);  
( 63.6, -21.2, 0.0, 1.2); ( 56.6, -14.1, 0.0, 1.2);  
( 49.5, -7.1, 0.0, 1.2); ( 42.4, 0.0, 0.0, 1.2);  
( 38.9, 3.5, 0.0, 1.2); ( 35.4, 7.1, 0.0, 1.2);  
( 33.2, 9.2, 0.0, 1.2); ( 31.8, 10.6, 0.0, 1.2);  
( 30.4, 12.0, 0.0, 1.2); ( 29.0, 13.4, 0.0, 1.2);  
( 27.6, 14.9, 0.0, 1.2); ( 14.9, 27.6, 0.0, 1.2);  
( 13.4, 29.0, 0.0, 1.2); ( 12.0, 30.4, 0.0, 1.2);  
( 10.6, 31.8, 0.0, 1.2); ( 9.2, 33.2, 0.0, 1.2);  
( 7.1, 35.4, 0.0, 1.2); ( 3.5, 38.9, 0.0, 1.2);  
( 0.0, 42.4, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -14.1, 56.6, 0.0, 1.2); ( -21.2, 63.6, 0.0, 1.2);  
( -28.3, 70.7, 0.0, 1.2); ( -35.4, 77.8, 0.0, 1.2);  
( -42.4, 84.8, 0.0, 1.2); ( -49.5, 91.9, 0.0, 1.2);  
( 84.8, -56.6, 0.0, 1.2); ( 77.8, -49.5, 0.0, 1.2);  
( 70.7, -42.4, 0.0, 1.2); ( 63.6, -35.4, 0.0, 1.2);  
( 56.6, -28.3, 0.0, 1.2); ( 49.5, -21.2, 0.0, 1.2);  
( 42.4, -14.1, 0.0, 1.2); ( 35.4, -7.1, 0.0, 1.2);  
( 31.8, -3.5, 0.0, 1.2); ( 28.3, 0.0, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 26.2,	2.1,	0.0,	1.2);	( 24.8,	3.5,	0.0,	1.2);
( 23.3,	4.9,	0.0,	1.2);	( 21.9,	6.4,	0.0,	1.2);
( 20.5,	7.8,	0.0,	1.2);	( 7.8,	20.5,	0.0,	1.2);
( 6.4,	21.9,	0.0,	1.2);	( 4.9,	23.3,	0.0,	1.2);
( 3.5,	24.8,	0.0,	1.2);	( 2.1,	26.2,	0.0,	1.2);
( 0.0,	28.3,	0.0,	1.2);	( -3.5,	31.8,	0.0,	1.2);
( -7.1,	35.4,	0.0,	1.2);	( -14.1,	42.4,	0.0,	1.2);
( -21.2,	49.5,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -35.4,	63.6,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -49.5,	77.8,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 77.8,	-63.6,	0.0,	1.2);	( 70.7,	-56.6,	0.0,	1.2);
( 63.6,	-49.5,	0.0,	1.2);	( 56.6,	-42.4,	0.0,	1.2);
( 49.5,	-35.4,	0.0,	1.2);	( 42.4,	-28.3,	0.0,	1.2);
( 35.4,	-21.2,	0.0,	1.2);	( 28.3,	-14.1,	0.0,	1.2);
( 24.8,	-10.6,	0.0,	1.2);	( 21.2,	-7.1,	0.0,	1.2);
( 19.1,	-4.9,	0.0,	1.2);	( 17.7,	-3.5,	0.0,	1.2);
( 16.3,	-2.1,	0.0,	1.2);	( 14.9,	-0.7,	0.0,	1.2);
( 13.4,	0.7,	0.0,	1.2);	( 0.7,	13.4,	0.0,	1.2);
( -0.7,	14.9,	0.0,	1.2);	( -2.1,	16.3,	0.0,	1.2);
( -3.5,	17.7,	0.0,	1.2);	( -4.9,	19.1,	0.0,	1.2);
( -7.1,	21.2,	0.0,	1.2);	( -10.6,	24.8,	0.0,	1.2);
( -14.1,	28.3,	0.0,	1.2);	( -21.2,	35.4,	0.0,	1.2);
( -28.3,	42.4,	0.0,	1.2);	( -35.4,	49.5,	0.0,	1.2);
( -42.4,	56.6,	0.0,	1.2);	( -49.5,	63.6,	0.0,	1.2);
( -56.6,	70.7,	0.0,	1.2);	( -63.6,	77.8,	0.0,	1.2);
( 70.7,	-70.7,	0.0,	1.2);	( 63.6,	-63.6,	0.0,	1.2);
( 56.6,	-56.6,	0.0,	1.2);	( 49.5,	-49.5,	0.0,	1.2);
( 42.4,	-42.4,	0.0,	1.2);	( 35.4,	-35.4,	0.0,	1.2);
( 28.3,	-28.3,	0.0,	1.2);	( 21.2,	-21.2,	0.0,	1.2);
( 17.7,	-17.7,	0.0,	1.2);	( 14.1,	-14.1,	0.0,	1.2);
( 12.0,	-12.0,	0.0,	1.2);	( 10.6,	-10.6,	0.0,	1.2);
( 9.2,	-9.2,	0.0,	1.2);	( 7.8,	-7.8,	0.0,	1.2);
( 6.4,	-6.4,	0.0,	1.2);	( -6.4,	6.4,	0.0,	1.2);
( -7.8,	7.8,	0.0,	1.2);	( -9.2,	9.2,	0.0,	1.2);
( -10.6,	10.6,	0.0,	1.2);	( -12.0,	12.0,	0.0,	1.2);
( -14.1,	14.1,	0.0,	1.2);	( -17.7,	17.7,	0.0,	1.2);
( -21.2,	21.2,	0.0,	1.2);	( -28.3,	28.3,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -35.4, 35.4, 0.0, 1.2);	( -42.4, 42.4, 0.0, 1.2);
( -49.5, 49.5, 0.0, 1.2);	( -56.6, 56.6, 0.0, 1.2);
( -63.6, 63.6, 0.0, 1.2);	( -70.7, 70.7, 0.0, 1.2);
( 63.6, -77.8, 0.0, 1.2);	( 56.6, -70.7, 0.0, 1.2);
( 49.5, -63.6, 0.0, 1.2);	( 42.4, -56.6, 0.0, 1.2);
( 35.4, -49.5, 0.0, 1.2);	( 28.3, -42.4, 0.0, 1.2);
( 21.2, -35.4, 0.0, 1.2);	( 14.1, -28.3, 0.0, 1.2);
( 10.6, -24.8, 0.0, 1.2);	( 7.1, -21.2, 0.0, 1.2);
( 4.9, -19.1, 0.0, 1.2);	( 3.5, -17.7, 0.0, 1.2);
( 2.1, -16.3, 0.0, 1.2);	( 0.7, -14.9, 0.0, 1.2);
( -0.7, -13.4, 0.0, 1.2);	( -13.4, -0.7, 0.0, 1.2);
( -14.9, 0.7, 0.0, 1.2);	( -16.3, 2.1, 0.0, 1.2);
( -17.7, 3.5, 0.0, 1.2);	( -19.1, 4.9, 0.0, 1.2);
( -21.2, 7.1, 0.0, 1.2);	( -24.8, 10.6, 0.0, 1.2);
( -28.3, 14.1, 0.0, 1.2);	( -35.4, 21.2, 0.0, 1.2);
( -42.4, 28.3, 0.0, 1.2);	( -49.5, 35.4, 0.0, 1.2);
( -56.6, 42.4, 0.0, 1.2);	( -63.6, 49.5, 0.0, 1.2);
( -70.7, 56.6, 0.0, 1.2);	( -77.8, 63.6, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 56.6, -84.8, 0.0, 1.2);	( 49.5, -77.8, 0.0, 1.2);
( 42.4, -70.7, 0.0, 1.2);	( 35.4, -63.6, 0.0, 1.2);
( 28.3, -56.6, 0.0, 1.2);	( 21.2, -49.5, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 7.1, -35.4, 0.0, 1.2);
( 3.5, -31.8, 0.0, 1.2);	( 0.0, -28.3, 0.0, 1.2);
( -2.1, -26.2, 0.0, 1.2);	( -3.5, -24.8, 0.0, 1.2);
( -4.9, -23.3, 0.0, 1.2);	( -6.4, -21.9, 0.0, 1.2);
( -7.8, -20.5, 0.0, 1.2);	( -20.5, -7.8, 0.0, 1.2);
( -21.9, -6.4, 0.0, 1.2);	( -23.3, -4.9, 0.0, 1.2);
( -24.8, -3.5, 0.0, 1.2);	( -26.2, -2.1, 0.0, 1.2);
( -28.3, 0.0, 0.0, 1.2);	( -31.8, 3.5, 0.0, 1.2);
( -35.4, 7.1, 0.0, 1.2);	( -42.4, 14.1, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -56.6, 28.3, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -70.7, 42.4, 0.0, 1.2);
( -77.8, 49.5, 0.0, 1.2);	( -84.8, 56.6, 0.0, 1.2);
( 49.5, -91.9, 0.0, 1.2);	( 42.4, -84.8, 0.0, 1.2);
( 35.4, -77.8, 0.0, 1.2);	( 28.3, -70.7, 0.0, 1.2);
( 21.2, -63.6, 0.0, 1.2);	( 14.1, -56.6, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -42.4, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -3.5, -38.9, 0.0, 1.2); ( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2); ( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2); ( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2); ( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2); ( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2); ( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2); ( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2); ( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2); ( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2); ( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2); ( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2); ( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2); ( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2); ( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2); ( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2); ( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2); ( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2); ( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2); ( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2); ( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2); ( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2); ( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2); ( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2); ( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2); ( -99.0, 42.4, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

```
( 35.4, -106.1, 0.0, 1.2); ( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2); ( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2); ( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2); ( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2); ( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2); ( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2); ( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2); ( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2); ( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2); ( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2); ( -53.0, -17.7, 0.0, 1.2);
```

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-14.1,	0.0,	1.2);	( -63.6,	-7.1,	0.0,	1.2);
( -70.7,	0.0,	0.0,	1.2);	( -77.8,	7.1,	0.0,	1.2);
( -84.8,	14.1,	0.0,	1.2);	( -91.9,	21.2,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	35.4,	0.0,	1.2);
( 28.3,	-113.1,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-99.0,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-84.8,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-70.7,	0.0,	1.2);	( -21.2,	-63.6,	0.0,	1.2);
( -24.8,	-60.1,	0.0,	1.2);	( -28.3,	-56.6,	0.0,	1.2);
( -30.4,	-54.5,	0.0,	1.2);	( -31.8,	-53.0,	0.0,	1.2);
( -33.2,	-51.6,	0.0,	1.2);	( -34.7,	-50.2,	0.0,	1.2);
( -36.1,	-48.8,	0.0,	1.2);	( -48.8,	-36.1,	0.0,	1.2);
( -50.2,	-34.7,	0.0,	1.2);	( -51.6,	-33.2,	0.0,	1.2);
( -53.0,	-31.8,	0.0,	1.2);	( -54.5,	-30.4,	0.0,	1.2);
( -56.6,	-28.3,	0.0,	1.2);	( -60.1,	-24.8,	0.0,	1.2);
( -63.6,	-21.2,	0.0,	1.2);	( -70.7,	-14.1,	0.0,	1.2);
( -77.8,	-7.1,	0.0,	1.2);	( -84.8,	0.0,	0.0,	1.2);
( -91.9,	7.1,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	21.2,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-113.1,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-99.0,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-84.8,	0.0,	1.2);
( -21.2,	-77.8,	0.0,	1.2);	( -28.3,	-70.7,	0.0,	1.2);
( -31.8,	-67.2,	0.0,	1.2);	( -35.4,	-63.6,	0.0,	1.2);
( -37.5,	-61.5,	0.0,	1.2);	( -38.9,	-60.1,	0.0,	1.2);
( -40.3,	-58.7,	0.0,	1.2);	( -41.7,	-57.3,	0.0,	1.2);
( -43.1,	-55.9,	0.0,	1.2);	( -55.9,	-43.1,	0.0,	1.2);
( -57.3,	-41.7,	0.0,	1.2);	( -58.7,	-40.3,	0.0,	1.2);
( -60.1,	-38.9,	0.0,	1.2);	( -61.5,	-37.5,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -67.2,	-31.8,	0.0,	1.2);
( -70.7,	-28.3,	0.0,	1.2);	( -77.8,	-21.2,	0.0,	1.2);
( -84.8,	-14.1,	0.0,	1.2);	( -91.9,	-7.1,	0.0,	1.2);
( -99.0,	0.0,	0.0,	1.2);	( -106.1,	7.1,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 14.1,	-127.3,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-113.1,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-99.0,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -28.3,	-84.8,	0.0,	1.2);	( -35.4,	-77.8,	0.0,	1.2);
( -38.9,	-74.2,	0.0,	1.2);	( -42.4,	-70.7,	0.0,	1.2);
( -44.5,	-68.6,	0.0,	1.2);	( -46.0,	-67.2,	0.0,	1.2);
( -47.4,	-65.8,	0.0,	1.2);	( -48.8,	-64.3,	0.0,	1.2);
( -50.2,	-62.9,	0.0,	1.2);	( -62.9,	-50.2,	0.0,	1.2);
( -64.3,	-48.8,	0.0,	1.2);	( -65.8,	-47.4,	0.0,	1.2);
( -67.2,	-46.0,	0.0,	1.2);	( -68.6,	-44.5,	0.0,	1.2);
( -70.7,	-42.4,	0.0,	1.2);	( -74.2,	-38.9,	0.0,	1.2);
( -77.8,	-35.4,	0.0,	1.2);	( -84.8,	-28.3,	0.0,	1.2);
( -91.9,	-21.2,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	7.1,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-127.3,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-113.1,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-99.0,	0.0,	1.2);
( -35.4,	-91.9,	0.0,	1.2);	( -42.4,	-84.8,	0.0,	1.2);
( -46.0,	-81.3,	0.0,	1.2);	( -49.5,	-77.8,	0.0,	1.2);
( -51.6,	-75.7,	0.0,	1.2);	( -53.0,	-74.2,	0.0,	1.2);
( -54.5,	-72.8,	0.0,	1.2);	( -55.9,	-71.4,	0.0,	1.2);
( -57.3,	-70.0,	0.0,	1.2);	( -70.0,	-57.3,	0.0,	1.2);
( -71.4,	-55.9,	0.0,	1.2);	( -72.8,	-54.5,	0.0,	1.2);
( -74.2,	-53.0,	0.0,	1.2);	( -75.7,	-51.6,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -81.3,	-46.0,	0.0,	1.2);
( -84.8,	-42.4,	0.0,	1.2);	( -91.9,	-35.4,	0.0,	1.2);
( -99.0,	-28.3,	0.0,	1.2);	( -106.1,	-21.2,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	7.1,	0.0,	1.2);
( 0.0,	-141.4,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( -14.1,	-127.3,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);
( -28.3,	-113.1,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( -42.4,	-99.0,	0.0,	1.2);	( -49.5,	-91.9,	0.0,	1.2);
( -53.0,	-88.4,	0.0,	1.2);	( -56.6,	-84.8,	0.0,	1.2);
( -58.7,	-82.7,	0.0,	1.2);	( -60.1,	-81.3,	0.0,	1.2);
( -61.5,	-79.9,	0.0,	1.2);	( -62.9,	-78.5,	0.0,	1.2);
( -64.3,	-77.1,	0.0,	1.2);	( -77.1,	-64.3,	0.0,	1.2);
( -78.5,	-62.9,	0.0,	1.2);	( -79.9,	-61.5,	0.0,	1.2);
( -81.3,	-60.1,	0.0,	1.2);	( -82.7,	-58.7,	0.0,	1.2);
( -84.8,	-56.6,	0.0,	1.2);	( -88.4,	-53.0,	0.0,	1.2);
( -91.9,	-49.5,	0.0,	1.2);	( -99.0,	-42.4,	0.0,	1.2);
( -106.1,	-35.4,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( -120.2,	-21.2,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);
( -134.4,	-7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);



\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -7.1, -148.5, 0.0, 1.2);	( -14.1, -141.4, 0.0, 1.2);
( -21.2, -134.4, 0.0, 1.2);	( -28.3, -127.3, 0.0, 1.2);
( -35.4, -120.2, 0.0, 1.2);	( -42.4, -113.1, 0.0, 1.2);
( -49.5, -106.1, 0.0, 1.2);	( -56.6, -99.0, 0.0, 1.2);
( -60.1, -95.5, 0.0, 1.2);	( -63.6, -91.9, 0.0, 1.2);
( -65.8, -89.8, 0.0, 1.2);	( -67.2, -88.4, 0.0, 1.2);
( -68.6, -87.0, 0.0, 1.2);	( -70.0, -85.6, 0.0, 1.2);
( -71.4, -84.2, 0.0, 1.2);	( -84.2, -71.4, 0.0, 1.2);
( -85.6, -70.0, 0.0, 1.2);	( -87.0, -68.6, 0.0, 1.2);
( -88.4, -67.2, 0.0, 1.2);	( -89.8, -65.8, 0.0, 1.2);
( -91.9, -63.6, 0.0, 1.2);	( -95.5, -60.1, 0.0, 1.2);
( -99.0, -56.6, 0.0, 1.2);	( -106.1, -49.5, 0.0, 1.2);
( -113.1, -42.4, 0.0, 1.2);	( -120.2, -35.4, 0.0, 1.2);
( -127.3, -28.3, 0.0, 1.2);	( -134.4, -21.2, 0.0, 1.2);
( -141.4, -14.1, 0.0, 1.2);	( -148.5, -7.1, 0.0, 1.2);
( -14.1, -155.6, 0.0, 1.2);	( -21.2, -148.5, 0.0, 1.2);
( -28.3, -141.4, 0.0, 1.2);	( -35.4, -134.4, 0.0, 1.2);
( -42.4, -127.3, 0.0, 1.2);	( -49.5, -120.2, 0.0, 1.2);
( -56.6, -113.1, 0.0, 1.2);	( -63.6, -106.1, 0.0, 1.2);
( -67.2, -102.5, 0.0, 1.2);	( -70.7, -99.0, 0.0, 1.2);
( -72.8, -96.9, 0.0, 1.2);	( -74.2, -95.5, 0.0, 1.2);
( -75.7, -94.1, 0.0, 1.2);	( -77.1, -92.6, 0.0, 1.2);
( -78.5, -91.2, 0.0, 1.2);	( -91.2, -78.5, 0.0, 1.2);
( -92.6, -77.1, 0.0, 1.2);	( -94.1, -75.7, 0.0, 1.2);
( -95.5, -74.2, 0.0, 1.2);	( -96.9, -72.8, 0.0, 1.2);
( -99.0, -70.7, 0.0, 1.2);	( -102.5, -67.2, 0.0, 1.2);
( -106.1, -63.6, 0.0, 1.2);	( -113.1, -56.6, 0.0, 1.2);
( -120.2, -49.5, 0.0, 1.2);	( -127.3, -42.4, 0.0, 1.2);
( -134.4, -35.4, 0.0, 1.2);	( -141.4, -28.3, 0.0, 1.2);
( -148.5, -21.2, 0.0, 1.2);	( -155.6, -14.1, 0.0, 1.2);
( -21.2, -162.6, 0.0, 1.2);	( -28.3, -155.6, 0.0, 1.2);
( -35.4, -148.5, 0.0, 1.2);	( -42.4, -141.4, 0.0, 1.2);
( -49.5, -134.4, 0.0, 1.2);	( -56.6, -127.3, 0.0, 1.2);
( -63.6, -120.2, 0.0, 1.2);	( -70.7, -113.1, 0.0, 1.2);
( -74.2, -109.6, 0.0, 1.2);	( -77.8, -106.1, 0.0, 1.2);
( -79.9, -103.9, 0.0, 1.2);	( -81.3, -102.5, 0.0, 1.2);
( -82.7, -101.1, 0.0, 1.2);	( -84.2, -99.7, 0.0, 1.2);
( -85.6, -98.3, 0.0, 1.2);	( -98.3, -85.6, 0.0, 1.2);
( -99.7, -84.2, 0.0, 1.2);	( -101.1, -82.7, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -102.5, -81.3, 0.0, 1.2); ( -103.9, -79.9, 0.0, 1.2);
( -106.1, -77.8, 0.0, 1.2); ( -109.6, -74.2, 0.0, 1.2);
( -113.1, -70.7, 0.0, 1.2); ( -120.2, -63.6, 0.0, 1.2);
( -127.3, -56.6, 0.0, 1.2); ( -134.4, -49.5, 0.0, 1.2);
( -141.4, -42.4, 0.0, 1.2); ( -148.5, -35.4, 0.0, 1.2);
( -155.6, -28.3, 0.0, 1.2); ( -162.6, -21.2, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

```
( -28.3, -169.7, 0.0, 1.2); ( -35.4, -162.6, 0.0, 1.2);
( -42.4, -155.6, 0.0, 1.2); ( -49.5, -148.5, 0.0, 1.2);
( -56.6, -141.4, 0.0, 1.2); ( -63.6, -134.4, 0.0, 1.2);
( -70.7, -127.3, 0.0, 1.2); ( -77.8, -120.2, 0.0, 1.2);
( -81.3, -116.7, 0.0, 1.2); ( -84.8, -113.1, 0.0, 1.2);
( -87.0, -111.0, 0.0, 1.2); ( -88.4, -109.6, 0.0, 1.2);
( -89.8, -108.2, 0.0, 1.2); ( -91.2, -106.8, 0.0, 1.2);
( -92.6, -105.4, 0.0, 1.2); ( -105.4, -92.6, 0.0, 1.2);
( -106.8, -91.2, 0.0, 1.2); ( -108.2, -89.8, 0.0, 1.2);
( -109.6, -88.4, 0.0, 1.2); ( -111.0, -87.0, 0.0, 1.2);
( -113.1, -84.8, 0.0, 1.2); ( -116.7, -81.3, 0.0, 1.2);
( -120.2, -77.8, 0.0, 1.2); ( -127.3, -70.7, 0.0, 1.2);
( -134.4, -63.6, 0.0, 1.2); ( -141.4, -56.6, 0.0, 1.2);
( -148.5, -49.5, 0.0, 1.2); ( -155.6, -42.4, 0.0, 1.2);
( -162.6, -35.4, 0.0, 1.2); ( -169.7, -28.3, 0.0, 1.2);
( -35.4, -176.8, 0.0, 1.2); ( -42.4, -169.7, 0.0, 1.2);
( -49.5, -162.6, 0.0, 1.2); ( -56.6, -155.6, 0.0, 1.2);
( -63.6, -148.5, 0.0, 1.2); ( -70.7, -141.4, 0.0, 1.2);
( -77.8, -134.4, 0.0, 1.2); ( -84.8, -127.3, 0.0, 1.2);
( -88.4, -123.7, 0.0, 1.2); ( -91.9, -120.2, 0.0, 1.2);
( -94.1, -118.1, 0.0, 1.2); ( -95.5, -116.7, 0.0, 1.2);
( -96.9, -115.3, 0.0, 1.2); ( -98.3, -113.8, 0.0, 1.2);
( -99.7, -112.4, 0.0, 1.2); ( -112.4, -99.7, 0.0, 1.2);
( -113.8, -98.3, 0.0, 1.2); ( -115.3, -96.9, 0.0, 1.2);
( -116.7, -95.5, 0.0, 1.2); ( -118.1, -94.1, 0.0, 1.2);
( -120.2, -91.9, 0.0, 1.2); ( -123.7, -88.4, 0.0, 1.2);
( -127.3, -84.8, 0.0, 1.2); ( -134.4, -77.8, 0.0, 1.2);
( -141.4, -70.7, 0.0, 1.2); ( -148.5, -63.6, 0.0, 1.2);
( -155.6, -56.6, 0.0, 1.2); ( -162.6, -49.5, 0.0, 1.2);
( -169.7, -42.4, 0.0, 1.2); ( -176.8, -35.4, 0.0, 1.2);
( -42.4, -183.9, 0.0, 1.2); ( -49.5, -176.8, 0.0, 1.2);
```

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-169.7,	0.0,	1.2);	( -63.6,	-162.6,	0.0,	1.2);
( -70.7,	-155.6,	0.0,	1.2);	( -77.8,	-148.5,	0.0,	1.2);
( -84.8,	-141.4,	0.0,	1.2);	( -91.9,	-134.4,	0.0,	1.2);
( -95.5,	-130.8,	0.0,	1.2);	( -99.0,	-127.3,	0.0,	1.2);
( -101.1,	-125.2,	0.0,	1.2);	( -102.5,	-123.7,	0.0,	1.2);
( -103.9,	-122.3,	0.0,	1.2);	( -105.4,	-120.9,	0.0,	1.2);
( -106.8,	-119.5,	0.0,	1.2);	( -119.5,	-106.8,	0.0,	1.2);
( -120.9,	-105.4,	0.0,	1.2);	( -122.3,	-103.9,	0.0,	1.2);
( -123.7,	-102.5,	0.0,	1.2);	( -125.2,	-101.1,	0.0,	1.2);
( -127.3,	-99.0,	0.0,	1.2);	( -130.8,	-95.5,	0.0,	1.2);
( -134.4,	-91.9,	0.0,	1.2);	( -141.4,	-84.8,	0.0,	1.2);
( -148.5,	-77.8,	0.0,	1.2);	( -155.6,	-70.7,	0.0,	1.2);
( -162.6,	-63.6,	0.0,	1.2);	( -169.7,	-56.6,	0.0,	1.2);
( -176.8,	-49.5,	0.0,	1.2);	( -183.9,	-42.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -49.5,	-190.9,	0.0,	1.2);	( -56.6,	-183.9,	0.0,	1.2);
( -63.6,	-176.8,	0.0,	1.2);	( -70.7,	-169.7,	0.0,	1.2);
( -77.8,	-162.6,	0.0,	1.2);	( -84.8,	-155.6,	0.0,	1.2);
( -91.9,	-148.5,	0.0,	1.2);	( -99.0,	-141.4,	0.0,	1.2);
( -102.5,	-137.9,	0.0,	1.2);	( -106.1,	-134.4,	0.0,	1.2);
( -108.2,	-132.2,	0.0,	1.2);	( -109.6,	-130.8,	0.0,	1.2);
( -111.0,	-129.4,	0.0,	1.2);	( -112.4,	-128.0,	0.0,	1.2);
( -113.8,	-126.6,	0.0,	1.2);	( -126.6,	-113.8,	0.0,	1.2);
( -128.0,	-112.4,	0.0,	1.2);	( -129.4,	-111.0,	0.0,	1.2);
( -130.8,	-109.6,	0.0,	1.2);	( -132.2,	-108.2,	0.0,	1.2);
( -134.4,	-106.1,	0.0,	1.2);	( -137.9,	-102.5,	0.0,	1.2);
( -141.4,	-99.0,	0.0,	1.2);	( -148.5,	-91.9,	0.0,	1.2);
( -155.6,	-84.8,	0.0,	1.2);	( -162.6,	-77.8,	0.0,	1.2);
( -169.7,	-70.7,	0.0,	1.2);	( -176.8,	-63.6,	0.0,	1.2);
( -183.9,	-56.6,	0.0,	1.2);	( -190.9,	-49.5,	0.0,	1.2);
( -56.6,	-198.0,	0.0,	1.2);	( -63.6,	-190.9,	0.0,	1.2);
( -70.7,	-183.9,	0.0,	1.2);	( -77.8,	-176.8,	0.0,	1.2);
( -84.8,	-169.7,	0.0,	1.2);	( -91.9,	-162.6,	0.0,	1.2);
( -99.0,	-155.6,	0.0,	1.2);	( -106.1,	-148.5,	0.0,	1.2);
( -109.6,	-145.0,	0.0,	1.2);	( -113.1,	-141.4,	0.0,	1.2);
( -115.3,	-139.3,	0.0,	1.2);	( -116.7,	-137.9,	0.0,	1.2);
( -118.1,	-136.5,	0.0,	1.2);	( -119.5,	-135.1,	0.0,	1.2);
( -120.9,	-133.6,	0.0,	1.2);	( -133.6,	-120.9,	0.0,	1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -135.1, -119.5, 0.0, 1.2);	( -136.5, -118.1, 0.0, 1.2);
( -137.9, -116.7, 0.0, 1.2);	( -139.3, -115.3, 0.0, 1.2);
( -141.4, -113.1, 0.0, 1.2);	( -145.0, -109.6, 0.0, 1.2);
( -148.5, -106.1, 0.0, 1.2);	( -155.6, -99.0, 0.0, 1.2);
( -162.6, -91.9, 0.0, 1.2);	( -169.7, -84.8, 0.0, 1.2);
( -176.8, -77.8, 0.0, 1.2);	( -183.9, -70.7, 0.0, 1.2);
( -190.9, -63.6, 0.0, 1.2);	( -198.0, -56.6, 0.0, 1.2);
( -63.6, -205.1, 0.0, 1.2);	( -70.7, -198.0, 0.0, 1.2);
( -77.8, -190.9, 0.0, 1.2);	( -84.8, -183.9, 0.0, 1.2);
( -91.9, -176.8, 0.0, 1.2);	( -99.0, -169.7, 0.0, 1.2);
( -106.1, -162.6, 0.0, 1.2);	( -113.1, -155.6, 0.0, 1.2);
( -116.7, -152.0, 0.0, 1.2);	( -120.2, -148.5, 0.0, 1.2);
( -122.3, -146.4, 0.0, 1.2);	( -123.7, -145.0, 0.0, 1.2);
( -125.2, -143.5, 0.0, 1.2);	( -126.6, -142.1, 0.0, 1.2);
( -128.0, -140.7, 0.0, 1.2);	( -140.7, -128.0, 0.0, 1.2);
( -142.1, -126.6, 0.0, 1.2);	( -143.5, -125.2, 0.0, 1.2);
( -145.0, -123.7, 0.0, 1.2);	( -146.4, -122.3, 0.0, 1.2);
( -148.5, -120.2, 0.0, 1.2);	( -152.0, -116.7, 0.0, 1.2);
( -155.6, -113.1, 0.0, 1.2);	( -162.6, -106.1, 0.0, 1.2);
( -169.7, -99.0, 0.0, 1.2);	( -176.8, -91.9, 0.0, 1.2);
( -183.9, -84.8, 0.0, 1.2);	( -190.9, -77.8, 0.0, 1.2);
( -198.0, -70.7, 0.0, 1.2);	( -205.1, -63.6, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -70.7, -212.1, 0.0, 1.2);	( -77.8, -205.1, 0.0, 1.2);
( -84.8, -198.0, 0.0, 1.2);	( -91.9, -190.9, 0.0, 1.2);
( -99.0, -183.9, 0.0, 1.2);	( -106.1, -176.8, 0.0, 1.2);
( -113.1, -169.7, 0.0, 1.2);	( -120.2, -162.6, 0.0, 1.2);
( -123.7, -159.1, 0.0, 1.2);	( -127.3, -155.6, 0.0, 1.2);
( -129.4, -153.4, 0.0, 1.2);	( -130.8, -152.0, 0.0, 1.2);
( -132.2, -150.6, 0.0, 1.2);	( -133.6, -149.2, 0.0, 1.2);
( -135.1, -147.8, 0.0, 1.2);	( -147.8, -135.1, 0.0, 1.2);
( -149.2, -133.6, 0.0, 1.2);	( -150.6, -132.2, 0.0, 1.2);
( -152.0, -130.8, 0.0, 1.2);	( -153.4, -129.4, 0.0, 1.2);
( -155.6, -127.3, 0.0, 1.2);	( -159.1, -123.7, 0.0, 1.2);
( -162.6, -120.2, 0.0, 1.2);	( -169.7, -113.1, 0.0, 1.2);
( -176.8, -106.1, 0.0, 1.2);	( -183.9, -99.0, 0.0, 1.2);
( -190.9, -91.9, 0.0, 1.2);	( -198.0, -84.8, 0.0, 1.2);
( -205.1, -77.8, 0.0, 1.2);	( -212.1, -70.7, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -77.8, -219.2, 0.0, 1.2);	( -84.8, -212.1, 0.0, 1.2);
( -91.9, -205.1, 0.0, 1.2);	( -99.0, -198.0, 0.0, 1.2);
( -106.1, -190.9, 0.0, 1.2);	( -113.1, -183.9, 0.0, 1.2);
( -120.2, -176.8, 0.0, 1.2);	( -127.3, -169.7, 0.0, 1.2);
( -130.8, -166.2, 0.0, 1.2);	( -134.4, -162.6, 0.0, 1.2);
( -136.5, -160.5, 0.0, 1.2);	( -137.9, -159.1, 0.0, 1.2);
( -139.3, -157.7, 0.0, 1.2);	( -140.7, -156.3, 0.0, 1.2);
( -142.1, -154.9, 0.0, 1.2);	( -154.9, -142.1, 0.0, 1.2);
( -156.3, -140.7, 0.0, 1.2);	( -157.7, -139.3, 0.0, 1.2);
( -159.1, -137.9, 0.0, 1.2);	( -160.5, -136.5, 0.0, 1.2);
( -162.6, -134.4, 0.0, 1.2);	( -166.2, -130.8, 0.0, 1.2);
( -169.7, -127.3, 0.0, 1.2);	( -176.8, -120.2, 0.0, 1.2);
( -183.9, -113.1, 0.0, 1.2);	( -190.9, -106.1, 0.0, 1.2);
( -198.0, -99.0, 0.0, 1.2);	( -205.1, -91.9, 0.0, 1.2);
( -212.1, -84.8, 0.0, 1.2);	( -219.2, -77.8, 0.0, 1.2);
( -84.8, -226.3, 0.0, 1.2);	( -91.9, -219.2, 0.0, 1.2);
( -99.0, -212.1, 0.0, 1.2);	( -106.1, -205.1, 0.0, 1.2);
( -113.1, -198.0, 0.0, 1.2);	( -120.2, -190.9, 0.0, 1.2);
( -127.3, -183.9, 0.0, 1.2);	( -134.4, -176.8, 0.0, 1.2);
( -137.9, -173.2, 0.0, 1.2);	( -141.4, -169.7, 0.0, 1.2);
( -143.5, -167.6, 0.0, 1.2);	( -145.0, -166.2, 0.0, 1.2);
( -146.4, -164.8, 0.0, 1.2);	( -147.8, -163.3, 0.0, 1.2);
( -149.2, -161.9, 0.0, 1.2);	( -161.9, -149.2, 0.0, 1.2);
( -163.3, -147.8, 0.0, 1.2);	( -164.8, -146.4, 0.0, 1.2);
( -166.2, -145.0, 0.0, 1.2);	( -167.6, -143.5, 0.0, 1.2);
( -169.7, -141.4, 0.0, 1.2);	( -173.2, -137.9, 0.0, 1.2);
( -176.8, -134.4, 0.0, 1.2);	( -183.9, -127.3, 0.0, 1.2);
( -190.9, -120.2, 0.0, 1.2);	( -198.0, -113.1, 0.0, 1.2);
( -205.1, -106.1, 0.0, 1.2);	( -212.1, -99.0, 0.0, 1.2);
( -219.2, -91.9, 0.0, 1.2);	( -226.3, -84.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -91.9, -233.4, 0.0, 1.2);	( -99.0, -226.3, 0.0, 1.2);
( -106.1, -219.2, 0.0, 1.2);	( -113.1, -212.1, 0.0, 1.2);
( -120.2, -205.1, 0.0, 1.2);	( -127.3, -198.0, 0.0, 1.2);
( -134.4, -190.9, 0.0, 1.2);	( -141.4, -183.9, 0.0, 1.2);
( -145.0, -180.3, 0.0, 1.2);	( -148.5, -176.8, 0.0, 1.2);
( -150.6, -174.7, 0.0, 1.2);	( -152.0, -173.2, 0.0, 1.2);
( -153.4, -171.8, 0.0, 1.2);	( -154.9, -170.4, 0.0, 1.2);

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -156.3,	-169.0,	0.0,	1.2);	( -169.0,	-156.3,	0.0,	1.2);
( -170.4,	-154.9,	0.0,	1.2);	( -171.8,	-153.4,	0.0,	1.2);
( -173.2,	-152.0,	0.0,	1.2);	( -174.7,	-150.6,	0.0,	1.2);
( -176.8,	-148.5,	0.0,	1.2);	( -180.3,	-145.0,	0.0,	1.2);
( -183.9,	-141.4,	0.0,	1.2);	( -190.9,	-134.4,	0.0,	1.2);
( -198.0,	-127.3,	0.0,	1.2);	( -205.1,	-120.2,	0.0,	1.2);
( -212.1,	-113.1,	0.0,	1.2);	( -219.2,	-106.1,	0.0,	1.2);
( -226.3,	-99.0,	0.0,	1.2);	( -233.4,	-91.9,	0.0,	1.2);
( -99.0,	-240.4,	0.0,	1.2);	( -106.1,	-233.4,	0.0,	1.2);
( -113.1,	-226.3,	0.0,	1.2);	( -120.2,	-219.2,	0.0,	1.2);
( -127.3,	-212.1,	0.0,	1.2);	( -134.4,	-205.1,	0.0,	1.2);
( -141.4,	-198.0,	0.0,	1.2);	( -148.5,	-190.9,	0.0,	1.2);
( -152.0,	-187.4,	0.0,	1.2);	( -155.6,	-183.9,	0.0,	1.2);
( -157.7,	-181.7,	0.0,	1.2);	( -159.1,	-180.3,	0.0,	1.2);
( -160.5,	-178.9,	0.0,	1.2);	( -161.9,	-177.5,	0.0,	1.2);
( -163.3,	-176.1,	0.0,	1.2);	( -176.1,	-163.3,	0.0,	1.2);
( -177.5,	-161.9,	0.0,	1.2);	( -178.9,	-160.5,	0.0,	1.2);
( -180.3,	-159.1,	0.0,	1.2);	( -181.7,	-157.7,	0.0,	1.2);
( -183.9,	-155.6,	0.0,	1.2);	( -187.4,	-152.0,	0.0,	1.2);
( -190.9,	-148.5,	0.0,	1.2);	( -198.0,	-141.4,	0.0,	1.2);
( -205.1,	-134.4,	0.0,	1.2);	( -212.1,	-127.3,	0.0,	1.2);
( -219.2,	-120.2,	0.0,	1.2);	( -226.3,	-113.1,	0.0,	1.2);
( -233.4,	-106.1,	0.0,	1.2);	( -240.4,	-99.0,	0.0,	1.2);
( -106.1,	-247.5,	0.0,	1.2);	( -113.1,	-240.4,	0.0,	1.2);
( -120.2,	-233.4,	0.0,	1.2);	( -127.3,	-226.3,	0.0,	1.2);
( -134.4,	-219.2,	0.0,	1.2);	( -141.4,	-212.1,	0.0,	1.2);
( -148.5,	-205.1,	0.0,	1.2);	( -155.6,	-198.0,	0.0,	1.2);
( -159.1,	-194.4,	0.0,	1.2);	( -162.6,	-190.9,	0.0,	1.2);
( -164.8,	-188.8,	0.0,	1.2);	( -166.2,	-187.4,	0.0,	1.2);
( -167.6,	-186.0,	0.0,	1.2);	( -169.0,	-184.6,	0.0,	1.2);
( -170.4,	-183.1,	0.0,	1.2);	( -183.1,	-170.4,	0.0,	1.2);
( -184.6,	-169.0,	0.0,	1.2);	( -186.0,	-167.6,	0.0,	1.2);
( -187.4,	-166.2,	0.0,	1.2);	( -188.8,	-164.8,	0.0,	1.2);
( -190.9,	-162.6,	0.0,	1.2);	( -194.4,	-159.1,	0.0,	1.2);
( -198.0,	-155.6,	0.0,	1.2);	( -205.1,	-148.5,	0.0,	1.2);
( -212.1,	-141.4,	0.0,	1.2);	( -219.2,	-134.4,	0.0,	1.2);
( -226.3,	-127.3,	0.0,	1.2);	( -233.4,	-120.2,	0.0,	1.2);
( -240.4,	-113.1,	0.0,	1.2);	( -247.5,	-106.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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URBAN FLAT    FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
 (1=YES; 0=NO)



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00001	226.27	127.28	0.00001
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00002	219.20	120.21	0.00001





13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00001	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00002	169.71	127.28	0.00001
166.17	130.81	0.00001	162.63	134.35	0.00001
160.51	136.47	0.00001	159.10	137.89	0.00001
157.68	139.30	0.00001	156.27	140.71	0.00001
154.86	142.13	0.00001	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00002
159.10	123.74	0.00002	155.56	127.28	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002
91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00002
119.50	135.06	0.00002	118.09	136.47	0.00002
116.67	137.89	0.00002	115.26	139.30	0.00002
113.14	141.42	0.00002	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00002
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00003	183.85	56.57	0.00003
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00002	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00003	176.78	49.50	0.00003
169.71	56.57	0.00003	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00002
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00003	155.56	56.57	0.00003
148.49	63.64	0.00002	141.42	70.71	0.00002
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00003
141.42	56.57	0.00003	134.35	63.64	0.00002
127.28	70.71	0.00002	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00003	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00003
120.21	63.64	0.00002	113.14	70.71	0.00002
109.60	74.25	0.00002	106.07	77.78	0.00002
103.94	79.90	0.00002	102.53	81.32	0.00002
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00004	148.49	21.21	0.00004
141.42	28.28	0.00003	134.35	35.36	0.00003

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	42.43	0.00003	120.21	49.50	0.00003
113.14	56.57	0.00003	106.07	63.64	0.00003
102.53	67.18	0.00002	98.99	70.71	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00002	95.46	74.25	0.00002
94.05	75.66	0.00002	92.63	77.07	0.00002
91.22	78.49	0.00002	78.49	91.22	0.00002
77.07	92.63	0.00002	75.66	94.05	0.00003
74.25	95.46	0.00003	72.83	96.87	0.00003
70.71	98.99	0.00003	67.18	102.53	0.00003
63.64	106.07	0.00003	56.57	113.14	0.00003
49.50	120.21	0.00003	42.43	127.28	0.00002
35.36	134.35	0.00002	28.28	141.42	0.00002
21.21	148.49	0.00002	14.14	155.56	0.00002
148.49	7.07	0.00004	141.42	14.14	0.00004
134.35	21.21	0.00004	127.28	28.28	0.00004
120.21	35.36	0.00003	113.14	42.43	0.00003
106.07	49.50	0.00003	98.99	56.57	0.00003
95.46	60.10	0.00003	91.92	63.64	0.00003
89.80	65.76	0.00003	88.39	67.18	0.00003
86.97	68.59	0.00003	85.56	70.00	0.00003
84.15	71.42	0.00003	71.42	84.15	0.00003
70.00	85.56	0.00003	68.59	86.97	0.00003
67.18	88.39	0.00003	65.76	89.80	0.00003
63.64	91.92	0.00003	60.10	95.46	0.00003
56.57	98.99	0.00003	49.50	106.07	0.00003
42.43	113.14	0.00003	35.36	120.21	0.00003
28.28	127.28	0.00003	21.21	134.35	0.00002
14.14	141.42	0.00002	7.07	148.49	0.00002
141.42	0.00	0.00004	134.35	7.07	0.00004
127.28	14.14	0.00004	120.21	21.21	0.00004
113.14	28.28	0.00004	106.07	35.36	0.00003
98.99	42.43	0.00003	91.92	49.50	0.00003
88.39	53.03	0.00003	84.85	56.57	0.00003
82.73	58.69	0.00003	81.32	60.10	0.00003

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00003
62.93	78.49	0.00003	61.52	79.90	0.00003
60.10	81.32	0.00003	58.69	82.73	0.00003
56.57	84.85	0.00003	53.03	88.39	0.00003
49.50	91.92	0.00003	42.43	98.99	0.00003
35.36	106.07	0.00003	28.28	113.14	0.00003
21.21	120.21	0.00003	14.14	127.28	0.00003
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00005	127.28	0.00	0.00005
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00004
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00003	21.21	106.07	0.00003
14.14	113.14	0.00003	7.07	120.21	0.00003
0.00	127.28	0.00003	-7.07	134.35	0.00003
127.28	-14.14	0.00005	120.21	-7.07	0.00005
113.14	0.00	0.00005	106.07	7.07	0.00005
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00003
-7.07	120.21	0.00003	-14.14	127.28	0.00003
120.21	-21.21	0.00006	113.14	-14.14	0.00006
106.07	-7.07	0.00005	98.99	0.00	0.00005
91.92	7.07	0.00005	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00004	63.64	35.36	0.00004
61.52	37.48	0.00003	60.10	38.89	0.00003
58.69	40.31	0.00003	57.28	41.72	0.00003
55.86	43.13	0.00003	43.13	55.86	0.00004
41.72	57.28	0.00004	40.31	58.69	0.00004
38.89	60.10	0.00004	37.48	61.52	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00004	31.82	67.18	0.00004
28.28	70.71	0.00004	21.21	77.78	0.00004
14.14	84.85	0.00004	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00006	106.07	-21.21	0.00006
98.99	-14.14	0.00006	91.92	-7.07	0.00006
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00004
34.65	50.20	0.00004	33.23	51.62	0.00004
31.82	53.03	0.00004	30.41	54.45	0.00004
28.28	56.57	0.00004	24.75	60.10	0.00004
21.21	63.64	0.00004	14.14	70.71	0.00004
7.07	77.78	0.00004	0.00	84.85	0.00004
-7.07	91.92	0.00003	-14.14	98.99	0.00003



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00007	98.99	-28.28	0.00007
91.92	-21.21	0.00006	84.85	-14.14	0.00006
77.78	-7.07	0.00006	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00004
0.00	70.71	0.00004	-7.07	77.78	0.00004
-14.14	84.85	0.00004	-21.21	91.92	0.00004
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00008	91.92	-35.36	0.00008
84.85	-28.28	0.00007	77.78	-21.21	0.00007
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00005	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00005	38.89	17.68	0.00005
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00005
20.51	36.06	0.00005	19.09	37.48	0.00005
17.68	38.89	0.00005	16.26	40.31	0.00005
14.14	42.43	0.00005	10.61	45.96	0.00005
7.07	49.50	0.00005	0.00	56.57	0.00005
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00004	-28.28	84.85	0.00004
-35.36	91.92	0.00004	-42.43	98.99	0.00004
91.92	-49.50	0.00009	84.85	-42.43	0.00009
77.78	-35.36	0.00008	70.71	-28.28	0.00008
63.64	-21.21	0.00007	56.57	-14.14	0.00007

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00006
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00005	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00005
13.44	28.99	0.00005	12.02	30.41	0.00005
10.61	31.82	0.00005	9.19	33.23	0.00005
7.07	35.36	0.00005	3.54	38.89	0.00005
0.00	42.43	0.00005	-7.07	49.50	0.00005
-14.14	56.57	0.00005	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00004
84.85	-56.57	0.00010	77.78	-49.50	0.00010
70.71	-42.43	0.00009	63.64	-35.36	0.00009
56.57	-28.28	0.00008	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00006
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00006	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00006
6.36	21.92	0.00006	4.95	23.33	0.00006
3.54	24.75	0.00006	2.12	26.16	0.00006
0.00	28.28	0.00006	-3.54	31.82	0.00006
-7.07	35.36	0.00006	-14.14	42.43	0.00005
-21.21	49.50	0.00005	-28.28	56.57	0.00005
-35.36	63.64	0.00005	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00012	70.71	-56.57	0.00011
63.64	-49.50	0.00010	56.57	-42.43	0.00010
49.50	-35.36	0.00009	42.43	-28.28	0.00008
35.36	-21.21	0.00008	28.28	-14.14	0.00007
24.75	-10.61	0.00007	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00006
16.26	-2.12	0.00006	14.85	-0.71	0.00006

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00006
-0.71	14.85	0.00006	-2.12	16.26	0.00006
-3.54	17.68	0.00006	-4.95	19.09	0.00006
-7.07	21.21	0.00006	-10.61	24.75	0.00006
-14.14	28.28	0.00006	-21.21	35.36	0.00006
-28.28	42.43	0.00006	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00005
-56.57	70.71	0.00005	-63.64	77.78	0.00005
70.71	-70.71	0.00014	63.64	-63.64	0.00013
56.57	-56.57	0.00012	49.50	-49.50	0.00011
42.43	-42.43	0.00010	35.36	-35.36	0.00010
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00008	14.14	-14.14	0.00007
12.02	-12.02	0.00007	10.61	-10.61	0.00007
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00007
-7.78	7.78	0.00007	-9.19	9.19	0.00007
-10.61	10.61	0.00007	-12.02	12.02	0.00007
-14.14	14.14	0.00007	-17.68	17.68	0.00007
-21.21	21.21	0.00007	-28.28	28.28	0.00007
-35.36	35.36	0.00006	-42.43	42.43	0.00006
-49.50	49.50	0.00006	-56.57	56.57	0.00005
-63.64	63.64	0.00005	-70.71	70.71	0.00005
63.64	-77.78	0.00016	56.57	-70.71	0.00015
49.50	-63.64	0.00014	42.43	-56.57	0.00013
35.36	-49.50	0.00012	28.28	-42.43	0.00011
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00009	7.07	-21.21	0.00008
4.95	-19.09	0.00008	3.54	-17.68	0.00008
2.12	-16.26	0.00008	0.71	-14.85	0.00008
-0.71	-13.44	0.00008	-13.44	-0.71	0.00008
-14.85	0.71	0.00008	-16.26	2.12	0.00008
-17.68	3.54	0.00008	-19.09	4.95	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00008	-24.75	10.61	0.00008

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00008	-35.36	21.21	0.00007
-42.43	28.28	0.00007	-49.50	35.36	0.00006
-56.57	42.43	0.00006	-63.64	49.50	0.00006
-70.71	56.57	0.00006	-77.78	63.64	0.00005
56.57	-84.85	0.00019	49.50	-77.78	0.00018
42.43	-70.71	0.00016	35.36	-63.64	0.00015
28.28	-56.57	0.00014	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00011
3.54	-31.82	0.00010	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00009
-21.92	-6.36	0.00009	-23.33	-4.95	0.00009
-24.75	-3.54	0.00009	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00008
-49.50	21.21	0.00007	-56.57	28.28	0.00007
-63.64	35.36	0.00007	-70.71	42.43	0.00006
-77.78	49.50	0.00006	-84.85	56.57	0.00006
49.50	-91.92	0.00023	42.43	-84.85	0.00021
35.36	-77.78	0.00019	28.28	-70.71	0.00018
21.21	-63.64	0.00017	14.14	-56.57	0.00015
7.07	-49.50	0.00014	0.00	-42.43	0.00012
-3.54	-38.89	0.00012	-7.07	-35.36	0.00011
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00010
-28.99	-13.44	0.00010	-30.41	-12.02	0.00010
-31.82	-10.61	0.00010	-33.23	-9.19	0.00010
-35.36	-7.07	0.00010	-38.89	-3.54	0.00010
-42.43	0.00	0.00010	-49.50	7.07	0.00009
-56.57	14.14	0.00008	-63.64	21.21	0.00008
-70.71	28.28	0.00008	-77.78	35.36	0.00007
-84.85	42.43	0.00007	-91.92	49.50	0.00006
42.43	-98.99	0.00028	35.36	-91.92	0.00026
28.28	-84.85	0.00024	21.21	-77.78	0.00022
14.14	-70.71	0.00020	7.07	-63.64	0.00018
0.00	-56.57	0.00016	-7.07	-49.50	0.00015
-10.61	-45.96	0.00014	-14.14	-42.43	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00012	-17.68	-38.89	0.00012
-19.09	-37.48	0.00012	-20.51	-36.06	0.00011
-21.92	-34.65	0.00011	-34.65	-21.92	0.00012
-36.06	-20.51	0.00012	-37.48	-19.09	0.00012
-38.89	-17.68	0.00012	-40.31	-16.26	0.00012
-42.43	-14.14	0.00011	-45.96	-10.61	0.00011
-49.50	-7.07	0.00011	-56.57	0.00	0.00010
-63.64	7.07	0.00009	-70.71	14.14	0.00009
-77.78	21.21	0.00008	-84.85	28.28	0.00008
-91.92	35.36	0.00007	-98.99	42.43	0.00007
35.36	-106.07	0.00035	28.28	-98.99	0.00032
21.21	-91.92	0.00030	14.14	-84.85	0.00027
7.07	-77.78	0.00024	0.00	-70.71	0.00022
-7.07	-63.64	0.00020	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00015
-23.33	-47.38	0.00014	-24.75	-45.96	0.00014
-26.16	-44.55	0.00014	-27.58	-43.13	0.00013
-28.99	-41.72	0.00013	-41.72	-28.99	0.00013
-43.13	-27.58	0.00013	-44.55	-26.16	0.00013
-45.96	-24.75	0.00013	-47.38	-23.33	0.00013
-49.50	-21.21	0.00013	-53.03	-17.68	0.00013
-56.57	-14.14	0.00012	-63.64	-7.07	0.00011
-70.71	0.00	0.00011	-77.78	7.07	0.00010
-84.85	14.14	0.00009	-91.92	21.21	0.00009
-98.99	28.28	0.00008	-106.07	35.36	0.00008
28.28	-113.14	0.00043	21.21	-106.07	0.00041
14.14	-98.99	0.00038	7.07	-91.92	0.00034
0.00	-84.85	0.00031	-7.07	-77.78	0.00027
-14.14	-70.71	0.00024	-21.21	-63.64	0.00021
-24.75	-60.10	0.00020	-28.28	-56.57	0.00018
-30.41	-54.45	0.00017	-31.82	-53.03	0.00017
-33.23	-51.62	0.00016	-34.65	-50.20	0.00016
-36.06	-48.79	0.00016	-48.79	-36.06	0.00016
-50.20	-34.65	0.00016	-51.62	-33.23	0.00016
-53.03	-31.82	0.00016	-54.45	-30.41	0.00016
-56.57	-28.28	0.00015	-60.10	-24.75	0.00015
-63.64	-21.21	0.00014	-70.71	-14.14	0.00013
-77.78	-7.07	0.00012	-84.85	0.00	0.00011
-91.92	7.07	0.00011	-98.99	14.14	0.00010



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00057	-42.43	-84.85	0.00047
-45.96	-81.32	0.00042	-49.50	-77.78	0.00038
-51.62	-75.66	0.00036	-53.03	-74.25	0.00034
-54.45	-72.83	0.00033	-55.86	-71.42	0.00031
-57.28	-70.00	0.00030	-70.00	-57.28	0.00028
-71.42	-55.86	0.00028	-72.83	-54.45	0.00028
-74.25	-53.03	0.00027	-75.66	-51.62	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00026	-81.32	-45.96	0.00024
-84.85	-42.43	0.00023	-91.92	-35.36	0.00021
-98.99	-28.28	0.00019	-106.07	-21.21	0.00018
-113.14	-14.14	0.00017	-120.21	-7.07	0.00016
-127.28	0.00	0.00015	-134.35	7.07	0.00014
0.00	-141.42	0.00107	-7.07	-134.35	0.00109
-14.14	-127.28	0.00110	-21.21	-120.21	0.00109
-28.28	-113.14	0.00105	-35.36	-106.07	0.00097
-42.43	-98.99	0.00084	-49.50	-91.92	0.00068
-53.03	-88.39	0.00061	-56.57	-84.85	0.00053
-58.69	-82.73	0.00049	-60.10	-81.32	0.00047
-61.52	-79.90	0.00044	-62.93	-78.49	0.00042
-64.35	-77.07	0.00040	-77.07	-64.35	0.00036
-78.49	-62.93	0.00035	-79.90	-61.52	0.00034
-81.32	-60.10	0.00033	-82.73	-58.69	0.00032
-84.85	-56.57	0.00031	-88.39	-53.03	0.00029
-91.92	-49.50	0.00028	-98.99	-42.43	0.00025
-106.07	-35.36	0.00023	-113.14	-28.28	0.00022
-120.21	-21.21	0.00021	-127.28	-14.14	0.00020
-134.35	-7.07	0.00019	-141.42	0.00	0.00018
-7.07	-148.49	0.00132	-14.14	-141.42	0.00138
-21.21	-134.35	0.00144	-28.28	-127.28	0.00147
-35.36	-120.21	0.00147	-42.43	-113.14	0.00143
-49.50	-106.07	0.00131	-56.57	-98.99	0.00110
-60.10	-95.46	0.00096	-63.64	-91.92	0.00082
-65.76	-89.80	0.00074	-67.18	-88.39	0.00069
-68.59	-86.97	0.00065	-70.00	-85.56	0.00060

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00056	-84.15	-71.42	0.00046
-85.56	-70.00	0.00045	-86.97	-68.59	0.00043
-88.39	-67.18	0.00042	-89.80	-65.76	0.00041
-91.92	-63.64	0.00039	-95.46	-60.10	0.00037
-98.99	-56.57	0.00035	-106.07	-49.50	0.00032
-113.14	-42.43	0.00030	-120.21	-35.36	0.00028
-127.28	-28.28	0.00026	-134.35	-21.21	0.00025
-141.42	-14.14	0.00023	-148.49	-7.07	0.00022
-14.14	-155.56	0.00158	-21.21	-148.49	0.00171
-28.28	-141.42	0.00183	-35.36	-134.35	0.00195
-42.43	-127.28	0.00204	-49.50	-120.21	0.00209
-56.57	-113.14	0.00206	-63.64	-106.07	0.00189
-67.18	-102.53	0.00173	-70.71	-98.99	0.00150

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00134	-74.25	-95.46	0.00122
-75.66	-94.05	0.00111	-77.07	-92.63	0.00100
-78.49	-91.22	0.00090	-91.22	-78.49	0.00061
-92.63	-77.07	0.00059	-94.05	-75.66	0.00057
-95.46	-74.25	0.00055	-96.87	-72.83	0.00053
-98.99	-70.71	0.00051	-102.53	-67.18	0.00049
-106.07	-63.64	0.00047	-113.14	-56.57	0.00044
-120.21	-49.50	0.00041	-127.28	-42.43	0.00038
-134.35	-35.36	0.00035	-141.42	-28.28	0.00032
-148.49	-21.21	0.00030	-155.56	-14.14	0.00027
-21.21	-162.63	0.00185	-28.28	-155.56	0.00203
-35.36	-148.49	0.00224	-42.43	-141.42	0.00246
-49.50	-134.35	0.00269	-56.57	-127.28	0.00291
-63.64	-120.21	0.00310	-70.71	-113.14	0.00318
-74.25	-109.60	0.00314	-77.78	-106.07	0.00300
-79.90	-103.94	0.00284	-81.32	-102.53	0.00271
-82.73	-101.12	0.00253	-84.15	-99.70	0.00232
-85.56	-98.29	0.00205	-98.29	-85.56	0.00086
-99.70	-84.15	0.00084	-101.12	-82.73	0.00083
-102.53	-81.32	0.00081	-103.94	-79.90	0.00080
-106.07	-77.78	0.00078	-109.60	-74.25	0.00075



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00072	-120.21	-63.64	0.00065
-127.28	-56.57	0.00058	-134.35	-49.50	0.00051
-141.42	-42.43	0.00046	-148.49	-35.36	0.00041
-155.56	-28.28	0.00037	-162.63	-21.21	0.00033
-28.28	-169.71	0.00207	-35.36	-162.63	0.00232
-42.43	-155.56	0.00260	-49.50	-148.49	0.00292
-56.57	-141.42	0.00327	-63.64	-134.35	0.00366
-70.71	-127.28	0.00407	-77.78	-120.21	0.00444
-81.32	-116.67	0.00459	-84.85	-113.14	0.00468
-86.97	-111.02	0.00469	-88.39	-109.60	0.00467
-89.80	-108.19	0.00465	-91.22	-106.77	0.00463
-92.63	-105.36	0.00460	-105.36	-92.63	0.00163
-106.77	-91.22	0.00154	-108.19	-89.80	0.00147
-109.60	-88.39	0.00141	-111.02	-86.97	0.00135
-113.14	-84.85	0.00128	-116.67	-81.32	0.00117
-120.21	-77.78	0.00107	-127.28	-70.71	0.00091
-134.35	-63.64	0.00077	-141.42	-56.57	0.00067
-148.49	-49.50	0.00058	-155.56	-42.43	0.00051
-162.63	-35.36	0.00045	-169.71	-28.28	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00223	-42.43	-169.71	0.00252
-49.50	-162.63	0.00286	-56.57	-155.56	0.00326
-63.64	-148.49	0.00370	-70.71	-141.42	0.00419
-77.78	-134.35	0.00469	-84.85	-127.28	0.00514
-88.39	-123.74	0.00530	-91.92	-120.21	0.00537
-94.05	-118.09	0.00535	-95.46	-116.67	0.00531
-96.87	-115.26	0.00525	-98.29	-113.84	0.00518
-99.70	-112.43	0.00511	-112.43	-99.70	0.00199
-113.84	-98.29	0.00194	-115.26	-96.87	0.00188
-116.67	-95.46	0.00183	-118.09	-94.05	0.00178
-120.21	-91.92	0.00170	-123.74	-88.39	0.00156
-127.28	-84.85	0.00142	-134.35	-77.78	0.00118
-141.42	-70.71	0.00098	-148.49	-63.64	0.00083
-155.56	-56.57	0.00070	-162.63	-49.50	0.00061
-169.71	-42.43	0.00053	-176.78	-35.36	0.00046

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00233	-49.50	-176.78	0.00265
-56.57	-169.71	0.00303	-63.64	-162.63	0.00347
-70.71	-155.56	0.00397	-77.78	-148.49	0.00450
-84.85	-141.42	0.00504	-91.92	-134.35	0.00548
-95.46	-130.81	0.00561	-98.99	-127.28	0.00566
-101.12	-125.16	0.00563	-102.53	-123.74	0.00558
-103.94	-122.33	0.00550	-105.36	-120.92	0.00541
-106.77	-119.50	0.00533	-119.50	-106.77	0.00212
-120.92	-105.36	0.00208	-122.33	-103.94	0.00204
-123.74	-102.53	0.00201	-125.16	-101.12	0.00198
-127.28	-98.99	0.00192	-130.81	-95.46	0.00180
-134.35	-91.92	0.00167	-141.42	-84.85	0.00140
-148.49	-77.78	0.00116	-155.56	-70.71	0.00097
-162.63	-63.64	0.00082	-169.71	-56.57	0.00070
-176.78	-49.50	0.00060	-183.85	-42.43	0.00052
-49.50	-190.92	0.00235	-56.57	-183.85	0.00269
-63.64	-176.78	0.00309	-70.71	-169.71	0.00355
-77.78	-162.63	0.00408	-84.85	-155.56	0.00464
-91.92	-148.49	0.00519	-98.99	-141.42	0.00565
-102.53	-137.89	0.00578	-106.07	-134.35	0.00581
-108.19	-132.23	0.00577	-109.60	-130.81	0.00571
-111.02	-129.40	0.00564	-112.43	-127.99	0.00555
-113.84	-126.57	0.00546	-126.57	-113.84	0.00219
-127.99	-112.43	0.00215	-129.40	-111.02	0.00212
-130.81	-109.60	0.00209	-132.23	-108.19	0.00206

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00202	-137.89	-102.53	0.00193
-141.42	-98.99	0.00181	-148.49	-91.92	0.00155
-155.56	-84.85	0.00130	-162.63	-77.78	0.00109
-169.71	-70.71	0.00092	-176.78	-63.64	0.00078
-183.85	-56.57	0.00067	-190.92	-49.50	0.00058
-56.57	-197.99	0.00231	-63.64	-190.92	0.00265
-70.71	-183.85	0.00304	-77.78	-176.78	0.00351
-84.85	-169.71	0.00404	-91.92	-162.63	0.00462
-98.99	-155.56	0.00521	-106.07	-148.49	0.00569

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00583	-113.14	-141.42	0.00587
-115.26	-139.30	0.00582	-116.67	-137.89	0.00577
-118.09	-136.47	0.00570	-119.50	-135.06	0.00562
-120.92	-133.64	0.00553	-133.64	-120.92	0.00223
-135.06	-119.50	0.00218	-136.47	-118.09	0.00215
-137.89	-116.67	0.00213	-139.30	-115.26	0.00210
-141.42	-113.14	0.00206	-144.96	-109.60	0.00198
-148.49	-106.07	0.00188	-155.56	-98.99	0.00164
-162.63	-91.92	0.00140	-169.71	-84.85	0.00118
-176.78	-77.78	0.00100	-183.85	-70.71	0.00085
-190.92	-63.64	0.00072	-197.99	-56.57	0.00062
-63.64	-205.06	0.00219	-70.71	-197.99	0.00251
-77.78	-190.92	0.00289	-84.85	-183.85	0.00334
-91.92	-176.78	0.00386	-98.99	-169.71	0.00445
-106.07	-162.63	0.00507	-113.14	-155.56	0.00559
-116.67	-152.03	0.00576	-120.21	-148.49	0.00583
-122.33	-146.37	0.00580	-123.74	-144.96	0.00576
-125.16	-143.54	0.00570	-126.57	-142.13	0.00562
-127.99	-140.71	0.00553	-140.71	-127.99	0.00222
-142.13	-126.57	0.00218	-143.54	-125.16	0.00215
-144.96	-123.74	0.00213	-146.37	-122.33	0.00211
-148.49	-120.21	0.00207	-152.03	-116.67	0.00199
-155.56	-113.14	0.00190	-162.63	-106.07	0.00168
-169.71	-98.99	0.00144	-176.78	-91.92	0.00123
-183.85	-84.85	0.00104	-190.92	-77.78	0.00088
-197.99	-70.71	0.00076	-205.06	-63.64	0.00065
-70.71	-212.13	0.00201	-77.78	-205.06	0.00229
-84.85	-197.99	0.00263	-91.92	-190.92	0.00304
-98.99	-183.85	0.00352	-106.07	-176.78	0.00408
-113.14	-169.71	0.00468	-120.21	-162.63	0.00526
-123.74	-159.10	0.00549	-127.28	-155.56	0.00562

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00564	-130.81	-152.03	0.00562
-132.23	-150.61	0.00558	-133.64	-149.20	0.00552
-135.06	-147.79	0.00545	-147.79	-135.06	0.00217

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00213	-150.61	-132.23	0.00211
-152.03	-130.81	0.00209	-153.44	-129.40	0.00207
-155.56	-127.28	0.00204	-159.10	-123.74	0.00197
-162.63	-120.21	0.00188	-169.71	-113.14	0.00166
-176.78	-106.07	0.00144	-183.85	-98.99	0.00123
-190.92	-91.92	0.00105	-197.99	-84.85	0.00089
-205.06	-77.78	0.00076	-212.13	-70.71	0.00066
-77.78	-219.20	0.00177	-84.85	-212.13	0.00201
-91.92	-205.06	0.00228	-98.99	-197.99	0.00262
-106.07	-190.92	0.00301	-113.14	-183.85	0.00347
-120.21	-176.78	0.00399	-127.28	-169.71	0.00453
-130.81	-166.17	0.00479	-134.35	-162.63	0.00501
-136.47	-160.51	0.00511	-137.89	-159.10	0.00516
-139.30	-157.68	0.00518	-140.71	-156.27	0.00518
-142.13	-154.86	0.00517	-154.86	-142.13	0.00205
-156.27	-140.71	0.00202	-157.68	-139.30	0.00201
-159.10	-137.89	0.00200	-160.51	-136.47	0.00198
-162.63	-134.35	0.00196	-166.17	-130.81	0.00188
-169.71	-127.28	0.00179	-176.78	-120.21	0.00158
-183.85	-113.14	0.00137	-190.92	-106.07	0.00118
-197.99	-98.99	0.00101	-205.06	-91.92	0.00087
-212.13	-84.85	0.00075	-219.20	-77.78	0.00065
-84.85	-226.27	0.00152	-91.92	-219.20	0.00169
-98.99	-212.13	0.00190	-106.07	-205.06	0.00213
-113.14	-197.99	0.00240	-120.21	-190.92	0.00269
-127.28	-183.85	0.00299	-134.35	-176.78	0.00328
-137.89	-173.24	0.00342	-141.42	-169.71	0.00356
-143.54	-167.58	0.00366	-144.96	-166.17	0.00373
-146.37	-164.76	0.00381	-147.79	-163.34	0.00392
-149.20	-161.93	0.00406	-161.93	-149.20	0.00182
-163.34	-147.79	0.00179	-164.76	-146.37	0.00177
-166.17	-144.96	0.00175	-167.58	-143.54	0.00174
-169.71	-141.42	0.00171	-173.24	-137.89	0.00164
-176.78	-134.35	0.00156	-183.85	-127.28	0.00139
-190.92	-120.21	0.00123	-197.99	-113.14	0.00107
-205.06	-106.07	0.00093	-212.13	-98.99	0.00081
-219.20	-91.92	0.00071	-226.27	-84.85	0.00062

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00127	-98.99	-226.27	0.00139
-106.07	-219.20	0.00153	-113.14	-212.13	0.00167
-120.21	-205.06	0.00182	-127.28	-197.99	0.00195
-134.35	-190.92	0.00204	-141.42	-183.85	0.00204
-144.96	-180.31	0.00199	-148.49	-176.78	0.00191
-150.61	-174.66	0.00184	-152.03	-173.24	0.00178
-153.44	-171.83	0.00172	-154.86	-170.41	0.00165
-156.27	-169.00	0.00157	-169.00	-156.27	0.00106
-170.41	-154.86	0.00111	-171.83	-153.44	0.00114
-173.24	-152.03	0.00117	-174.66	-150.61	0.00120
-176.78	-148.49	0.00123	-180.31	-144.96	0.00124
-183.85	-141.42	0.00122	-190.92	-134.35	0.00115
-197.99	-127.28	0.00105	-205.06	-120.21	0.00094
-212.13	-113.14	0.00084	-219.20	-106.07	0.00074
-226.27	-98.99	0.00066	-233.35	-91.92	0.00058
-98.99	-240.42	0.00106	-106.07	-233.35	0.00114
-113.14	-226.27	0.00122	-120.21	-219.20	0.00130
-127.28	-212.13	0.00137	-134.35	-205.06	0.00141
-141.42	-197.99	0.00140	-148.49	-190.92	0.00134
-152.03	-187.38	0.00129	-155.56	-183.85	0.00122
-157.68	-181.73	0.00118	-159.10	-180.31	0.00115
-160.51	-178.90	0.00112	-161.93	-177.48	0.00109
-163.34	-176.07	0.00106	-176.07	-163.34	0.00069
-177.48	-161.93	0.00071	-178.90	-160.51	0.00073
-180.31	-159.10	0.00075	-181.73	-157.68	0.00077
-183.85	-155.56	0.00081	-187.38	-152.03	0.00086
-190.92	-148.49	0.00088	-197.99	-141.42	0.00088
-205.06	-134.35	0.00085	-212.13	-127.28	0.00079
-219.20	-120.21	0.00072	-226.27	-113.14	0.00066
-233.35	-106.07	0.00060	-240.42	-98.99	0.00054
-106.07	-247.49	0.00088	-113.14	-240.42	0.00093
-120.21	-233.35	0.00098	-127.28	-226.27	0.00101
-134.35	-219.20	0.00104	-141.42	-212.13	0.00104
-148.49	-205.06	0.00102	-155.56	-197.99	0.00098
-159.10	-194.45	0.00095	-162.63	-190.92	0.00092
-164.76	-188.80	0.00090	-166.17	-187.38	0.00089
-167.58	-185.97	0.00087	-169.00	-184.55	0.00085
-170.41	-183.14	0.00083	-183.14	-170.41	0.00055
-184.55	-169.00	0.00055	-185.97	-167.58	0.00056
-187.38	-166.17	0.00056	-188.80	-164.76	0.00057

04/20/08

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00058	-194.45	-159.10	0.00061
-197.99	-155.56	0.00063	-205.06	-148.49	0.00066
-212.13	-141.42	0.00066	-219.20	-134.35	0.00064
-226.27	-127.28	0.00061	-233.35	-120.21	0.00057
-240.42	-113.14	0.00052	-247.49	-106.07	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00003	240.42	113.14	0.00003
233.35	120.21	0.00003	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00002
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00003	219.20	120.21	0.00003
212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00003
205.06	120.21	0.00003	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00003	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00004	212.13	84.85	0.00004
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00003
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00003
137.89	159.10	0.00003	136.47	160.51	0.00003
134.35	162.63	0.00003	130.81	166.17	0.00003
127.28	169.71	0.00003	120.21	176.78	0.00003
113.14	183.85	0.00003	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00004	190.92	91.92	0.00004
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00003
147.79	135.06	0.00003	135.06	147.79	0.00003
133.64	149.20	0.00003	132.23	150.61	0.00003
130.81	152.03	0.00003	129.40	153.44	0.00003
127.28	155.56	0.00003	123.74	159.10	0.00003
120.21	162.63	0.00003	113.14	169.71	0.00003
106.07	176.78	0.00003	98.99	183.85	0.00003



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00003	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00004	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00004
176.78	91.92	0.00004	169.71	98.99	0.00003
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00003
126.57	142.13	0.00003	125.16	143.54	0.00003
123.74	144.96	0.00003	122.33	146.37	0.00003
120.21	148.49	0.00003	116.67	152.03	0.00003
113.14	155.56	0.00003	106.07	162.63	0.00003
98.99	169.71	0.00003	91.92	176.78	0.00003
84.85	183.85	0.00003	77.78	190.92	0.00003
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00005	190.92	63.64	0.00005
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00004
155.56	98.99	0.00003	148.49	106.07	0.00003
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00003	84.85	169.71	0.00003
77.78	176.78	0.00003	70.71	183.85	0.00003
63.64	190.92	0.00003	56.57	197.99	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00005	183.85	56.57	0.00005
176.78	63.64	0.00005	169.71	70.71	0.00005

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00003
56.57	183.85	0.00003	49.50	190.92	0.00003
183.85	42.43	0.00006	176.78	49.50	0.00006
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00004
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00004
105.36	120.92	0.00004	103.94	122.33	0.00004
102.53	123.74	0.00004	101.12	125.16	0.00004
98.99	127.28	0.00004	95.46	130.81	0.00004
91.92	134.35	0.00004	84.85	141.42	0.00004
77.78	148.49	0.00004	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00006	169.71	42.43	0.00006
162.63	49.50	0.00006	155.56	56.57	0.00006
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00004
98.29	113.84	0.00004	96.87	115.26	0.00004
95.46	116.67	0.00004	94.05	118.09	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

13NCRA PL93-300 DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00004	88.39	123.74	0.00004	
84.85	127.28	0.00004	77.78	134.35	0.00004	
70.71	141.42	0.00004	63.64	148.49	0.00004	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00007	162.63	35.36	0.00007	
155.56	42.43	0.00006	148.49	49.50	0.00006	
141.42	56.57	0.00006	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00004	
63.64	134.35	0.00004	56.57	141.42	0.00004	
49.50	148.49	0.00004	42.43	155.56	0.00004	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00008	155.56	28.28	0.00008	
148.49	35.36	0.00007	141.42	42.43	0.00007	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00005	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00005	102.53	81.32	0.00005	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00005	
84.15	99.70	0.00005	82.73	101.12	0.00005	
81.32	102.53	0.00005	79.90	103.94	0.00005	
77.78	106.07	0.00005	74.25	109.60	0.00005	
70.71	113.14	0.00005	63.64	120.21	0.00005	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00004	35.36	148.49	0.00004	
28.28	155.56	0.00004	21.21	162.63	0.00004	
155.56	14.14	0.00009	148.49	21.21	0.00009	
141.42	28.28	0.00008	134.35	35.36	0.00008	
127.28	42.43	0.00007	120.21	49.50	0.00007	
113.14	56.57	0.00006	106.07	63.64	0.00006	
102.53	67.18	0.00005	98.99	70.71	0.00005	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00005	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00005
77.07	92.63	0.00005	75.66	94.05	0.00005
74.25	95.46	0.00005	72.83	96.87	0.00005
70.71	98.99	0.00005	67.18	102.53	0.00005
63.64	106.07	0.00005	56.57	113.14	0.00005
49.50	120.21	0.00005	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00004
148.49	7.07	0.00010	141.42	14.14	0.00010
134.35	21.21	0.00009	127.28	28.28	0.00009
120.21	35.36	0.00008	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00006
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00006	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00006
70.00	85.56	0.00006	68.59	86.97	0.00006
67.18	88.39	0.00006	65.76	89.80	0.00006
63.64	91.92	0.00006	60.10	95.46	0.00006
56.57	98.99	0.00006	49.50	106.07	0.00005
42.43	113.14	0.00005	35.36	120.21	0.00005
28.28	127.28	0.00005	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00012	134.35	7.07	0.00011
127.28	14.14	0.00010	120.21	21.21	0.00010
113.14	28.28	0.00009	106.07	35.36	0.00008
98.99	42.43	0.00008	91.92	49.50	0.00007
88.39	53.03	0.00007	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00006
79.90	61.52	0.00006	78.49	62.93	0.00006
77.07	64.35	0.00006	64.35	77.07	0.00006
62.93	78.49	0.00006	61.52	79.90	0.00006

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00006	58.69	82.73	0.00006
56.57	84.85	0.00006	53.03	88.39	0.00006
49.50	91.92	0.00006	42.43	98.99	0.00006
35.36	106.07	0.00006	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00005
7.07	134.35	0.00005	0.00	141.42	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00014	127.28	0.00	0.00013
120.21	7.07	0.00012	113.14	14.14	0.00011
106.07	21.21	0.00010	98.99	28.28	0.00010
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00008	77.78	49.50	0.00007
75.66	51.62	0.00007	74.25	53.03	0.00007
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00007
55.86	71.42	0.00007	54.45	72.83	0.00007
53.03	74.25	0.00007	51.62	75.66	0.00007
49.50	77.78	0.00007	45.96	81.32	0.00007
42.43	84.85	0.00007	35.36	91.92	0.00007
28.28	98.99	0.00006	21.21	106.07	0.00006
14.14	113.14	0.00006	7.07	120.21	0.00005
0.00	127.28	0.00005	-7.07	134.35	0.00005
127.28	-14.14	0.00016	120.21	-7.07	0.00015
113.14	0.00	0.00014	106.07	7.07	0.00013
98.99	14.14	0.00012	91.92	21.21	0.00011
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00009	70.71	42.43	0.00008
68.59	44.55	0.00008	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00008
62.93	50.20	0.00008	50.20	62.93	0.00008
48.79	64.35	0.00008	47.38	65.76	0.00008
45.96	67.18	0.00008	44.55	68.59	0.00008
42.43	70.71	0.00008	38.89	74.25	0.00008
35.36	77.78	0.00008	28.28	84.85	0.00007
21.21	91.92	0.00007	14.14	98.99	0.00006

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00006	0.00	113.14	0.00006
-7.07	120.21	0.00006	-14.14	127.28	0.00005
120.21	-21.21	0.00019	113.14	-14.14	0.00018
106.07	-7.07	0.00016	98.99	0.00	0.00015
91.92	7.07	0.00014	84.85	14.14	0.00013
77.78	21.21	0.00012	70.71	28.28	0.00011
67.18	31.82	0.00010	63.64	35.36	0.00009
61.52	37.48	0.00009	60.10	38.89	0.00009
58.69	40.31	0.00009	57.28	41.72	0.00009
55.86	43.13	0.00009	43.13	55.86	0.00009
41.72	57.28	0.00009	40.31	58.69	0.00009
38.89	60.10	0.00009	37.48	61.52	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00009	31.82	67.18	0.00009
28.28	70.71	0.00009	21.21	77.78	0.00008
14.14	84.85	0.00007	7.07	91.92	0.00007
0.00	98.99	0.00007	-7.07	106.07	0.00006
-14.14	113.14	0.00006	-21.21	120.21	0.00006
113.14	-28.28	0.00023	106.07	-21.21	0.00021
98.99	-14.14	0.00019	91.92	-7.07	0.00018
84.85	0.00	0.00017	77.78	7.07	0.00015
70.71	14.14	0.00014	63.64	21.21	0.00012
60.10	24.75	0.00012	56.57	28.28	0.00011
54.45	30.41	0.00010	53.03	31.82	0.00010
51.62	33.23	0.00010	50.20	34.65	0.00010
48.79	36.06	0.00010	36.06	48.79	0.00010
34.65	50.20	0.00010	33.23	51.62	0.00010
31.82	53.03	0.00010	30.41	54.45	0.00010
28.28	56.57	0.00010	24.75	60.10	0.00010
21.21	63.64	0.00010	14.14	70.71	0.00009
7.07	77.78	0.00008	0.00	84.85	0.00008
-7.07	91.92	0.00008	-14.14	98.99	0.00007
-21.21	106.07	0.00007	-28.28	113.14	0.00006
106.07	-35.36	0.00028	98.99	-28.28	0.00026
91.92	-21.21	0.00024	84.85	-14.14	0.00022

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00020	70.71	0.00	0.00018
63.64	7.07	0.00016	56.57	14.14	0.00015
53.03	17.68	0.00014	49.50	21.21	0.00013
47.38	23.33	0.00012	45.96	24.75	0.00012
44.55	26.16	0.00012	43.13	27.58	0.00011
41.72	28.99	0.00011	28.99	41.72	0.00012
27.58	43.13	0.00012	26.16	44.55	0.00012
24.75	45.96	0.00012	23.33	47.38	0.00012
21.21	49.50	0.00011	17.68	53.03	0.00011
14.14	56.57	0.00011	7.07	63.64	0.00010
0.00	70.71	0.00009	-7.07	77.78	0.00009
-14.14	84.85	0.00008	-21.21	91.92	0.00008
-28.28	98.99	0.00007	-35.36	106.07	0.00007
98.99	-42.43	0.00035	91.92	-35.36	0.00032
84.85	-28.28	0.00030	77.78	-21.21	0.00027
70.71	-14.14	0.00024	63.64	-7.07	0.00022
56.57	0.00	0.00020	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00014	38.89	17.68	0.00014
37.48	19.09	0.00014	36.06	20.51	0.00013
34.65	21.92	0.00013	21.92	34.65	0.00013
20.51	36.06	0.00013	19.09	37.48	0.00013
17.68	38.89	0.00013	16.26	40.31	0.00013
14.14	42.43	0.00013	10.61	45.96	0.00013
7.07	49.50	0.00012	0.00	56.57	0.00011
-7.07	63.64	0.00011	-14.14	70.71	0.00010
-21.21	77.78	0.00009	-28.28	84.85	0.00009
-35.36	91.92	0.00008	-42.43	98.99	0.00008
91.92	-49.50	0.00043	84.85	-42.43	0.00041
77.78	-35.36	0.00038	70.71	-28.28	0.00034
63.64	-21.21	0.00031	56.57	-14.14	0.00027
49.50	-7.07	0.00024	42.43	0.00	0.00021
38.89	3.54	0.00020	35.36	7.07	0.00018
33.23	9.19	0.00017	31.82	10.61	0.00017

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00016	14.85	27.58	0.00016
13.44	28.99	0.00016	12.02	30.41	0.00016
10.61	31.82	0.00016	9.19	33.23	0.00016
7.07	35.36	0.00015	3.54	38.89	0.00015
0.00	42.43	0.00014	-7.07	49.50	0.00013
-14.14	56.57	0.00012	-21.21	63.64	0.00011
-28.28	70.71	0.00011	-35.36	77.78	0.00010
-42.43	84.85	0.00009	-49.50	91.92	0.00009
84.85	-56.57	0.00055	77.78	-49.50	0.00052
70.71	-42.43	0.00049	63.64	-35.36	0.00045
56.57	-28.28	0.00040	49.50	-21.21	0.00035
42.43	-14.14	0.00031	35.36	-7.07	0.00027
31.82	-3.54	0.00025	28.28	0.00	0.00023
26.16	2.12	0.00022	24.75	3.54	0.00021
23.33	4.95	0.00020	21.92	6.36	0.00019
20.51	7.78	0.00019	7.78	20.51	0.00019
6.36	21.92	0.00019	4.95	23.33	0.00019
3.54	24.75	0.00019	2.12	26.16	0.00018
0.00	28.28	0.00018	-3.54	31.82	0.00017
-7.07	35.36	0.00016	-14.14	42.43	0.00015
-21.21	49.50	0.00014	-28.28	56.57	0.00013
-35.36	63.64	0.00012	-42.43	70.71	0.00011
-49.50	77.78	0.00011	-56.57	84.85	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00069	70.71	-56.57	0.00067
63.64	-49.50	0.00064	56.57	-42.43	0.00060
49.50	-35.36	0.00054	42.43	-28.28	0.00047
35.36	-21.21	0.00041	28.28	-14.14	0.00035
24.75	-10.61	0.00032	21.21	-7.07	0.00029
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00025	14.85	-0.71	0.00024
13.44	0.71	0.00023	0.71	13.44	0.00023
-0.71	14.85	0.00023	-2.12	16.26	0.00023
-3.54	17.68	0.00022	-4.95	19.09	0.00022



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00021	-10.61	24.75	0.00020
-14.14	28.28	0.00019	-21.21	35.36	0.00017
-28.28	42.43	0.00016	-35.36	49.50	0.00015
-42.43	56.57	0.00014	-49.50	63.64	0.00013
-56.57	70.71	0.00013	-63.64	77.78	0.00012
70.71	-70.71	0.00086	63.64	-63.64	0.00086
56.57	-56.57	0.00084	49.50	-49.50	0.00081
42.43	-42.43	0.00075	35.36	-35.36	0.00066
28.28	-28.28	0.00057	21.21	-21.21	0.00047
17.68	-17.68	0.00042	14.14	-14.14	0.00038
12.02	-12.02	0.00036	10.61	-10.61	0.00034
9.19	-9.19	0.00033	7.78	-7.78	0.00031
6.36	-6.36	0.00030	-6.36	6.36	0.00028
-7.78	7.78	0.00028	-9.19	9.19	0.00028
-10.61	10.61	0.00027	-12.02	12.02	0.00026
-14.14	14.14	0.00026	-17.68	17.68	0.00024
-21.21	21.21	0.00023	-28.28	28.28	0.00021
-35.36	35.36	0.00019	-42.43	42.43	0.00018
-49.50	49.50	0.00017	-56.57	56.57	0.00016
-63.64	63.64	0.00015	-70.71	70.71	0.00014
63.64	-77.78	0.00107	56.57	-70.71	0.00109
49.50	-63.64	0.00110	42.43	-56.57	0.00109
35.36	-49.50	0.00105	28.28	-42.43	0.00097
21.21	-35.36	0.00084	14.14	-28.28	0.00068
10.61	-24.75	0.00061	7.07	-21.21	0.00053
4.95	-19.09	0.00049	3.54	-17.68	0.00047
2.12	-16.26	0.00044	0.71	-14.85	0.00042
-0.71	-13.44	0.00040	-13.44	-0.71	0.00036
-14.85	0.71	0.00035	-16.26	2.12	0.00034
-17.68	3.54	0.00033	-19.09	4.95	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00031	-24.75	10.61	0.00029
-28.28	14.14	0.00028	-35.36	21.21	0.00025
-42.43	28.28	0.00023	-49.50	35.36	0.00022
-56.57	42.43	0.00021	-63.64	49.50	0.00020

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00019	-77.78	63.64	0.00018
56.57	-84.85	0.00132	49.50	-77.78	0.00138
42.43	-70.71	0.00144	35.36	-63.64	0.00147
28.28	-56.57	0.00147	21.21	-49.50	0.00143
14.14	-42.43	0.00131	7.07	-35.36	0.00110
3.54	-31.82	0.00096	0.00	-28.28	0.00082
-2.12	-26.16	0.00074	-3.54	-24.75	0.00069
-4.95	-23.33	0.00065	-6.36	-21.92	0.00060
-7.78	-20.51	0.00056	-20.51	-7.78	0.00046
-21.92	-6.36	0.00045	-23.33	-4.95	0.00043
-24.75	-3.54	0.00042	-26.16	-2.12	0.00041
-28.28	0.00	0.00039	-31.82	3.54	0.00037
-35.36	7.07	0.00035	-42.43	14.14	0.00032
-49.50	21.21	0.00030	-56.57	28.28	0.00028
-63.64	35.36	0.00026	-70.71	42.43	0.00025
-77.78	49.50	0.00023	-84.85	56.57	0.00022
49.50	-91.92	0.00158	42.43	-84.85	0.00171
35.36	-77.78	0.00183	28.28	-70.71	0.00195
21.21	-63.64	0.00204	14.14	-56.57	0.00209
7.07	-49.50	0.00206	0.00	-42.43	0.00189
-3.54	-38.89	0.00173	-7.07	-35.36	0.00150
-9.19	-33.23	0.00134	-10.61	-31.82	0.00122
-12.02	-30.41	0.00111	-13.44	-28.99	0.00100
-14.85	-27.58	0.00090	-27.58	-14.85	0.00061
-28.99	-13.44	0.00059	-30.41	-12.02	0.00057
-31.82	-10.61	0.00055	-33.23	-9.19	0.00053
-35.36	-7.07	0.00051	-38.89	-3.54	0.00049
-42.43	0.00	0.00047	-49.50	7.07	0.00044
-56.57	14.14	0.00041	-63.64	21.21	0.00038
-70.71	28.28	0.00035	-77.78	35.36	0.00032
-84.85	42.43	0.00030	-91.92	49.50	0.00027
42.43	-98.99	0.00185	35.36	-91.92	0.00203
28.28	-84.85	0.00224	21.21	-77.78	0.00246
14.14	-70.71	0.00269	7.07	-63.64	0.00291
0.00	-56.57	0.00310	-7.07	-49.50	0.00318
-10.61	-45.96	0.00314	-14.14	-42.43	0.00300

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00285	-17.68	-38.89	0.00271
-19.09	-37.48	0.00253	-20.51	-36.06	0.00232
-21.92	-34.65	0.00205	-34.65	-21.92	0.00086
-36.06	-20.51	0.00084	-37.48	-19.09	0.00083
-38.89	-17.68	0.00081	-40.31	-16.26	0.00080
-42.43	-14.14	0.00078	-45.96	-10.61	0.00075
-49.50	-7.07	0.00072	-56.57	0.00	0.00065
-63.64	7.07	0.00058	-70.71	14.14	0.00051
-77.78	21.21	0.00046	-84.85	28.28	0.00041
-91.92	35.36	0.00037	-98.99	42.43	0.00033
35.36	-106.07	0.00207	28.28	-98.99	0.00232
21.21	-91.92	0.00260	14.14	-84.85	0.00292
7.07	-77.78	0.00327	0.00	-70.71	0.00366
-7.07	-63.64	0.00407	-14.14	-56.57	0.00444
-17.68	-53.03	0.00459	-21.21	-49.50	0.00468
-23.33	-47.38	0.00469	-24.75	-45.96	0.00467
-26.16	-44.55	0.00465	-27.58	-43.13	0.00463
-28.99	-41.72	0.00460	-41.72	-28.99	0.00163
-43.13	-27.58	0.00154	-44.55	-26.16	0.00147
-45.96	-24.75	0.00141	-47.38	-23.33	0.00135
-49.50	-21.21	0.00128	-53.03	-17.68	0.00117
-56.57	-14.14	0.00107	-63.64	-7.07	0.00091
-70.71	0.00	0.00077	-77.78	7.07	0.00067
-84.85	14.14	0.00058	-91.92	21.21	0.00051
-98.99	28.28	0.00045	-106.07	35.36	0.00040
28.28	-113.14	0.00223	21.21	-106.07	0.00252
14.14	-98.99	0.00286	7.07	-91.92	0.00326
0.00	-84.85	0.00370	-7.07	-77.78	0.00419
-14.14	-70.71	0.00469	-21.21	-63.64	0.00514
-24.75	-60.10	0.00530	-28.28	-56.57	0.00537
-30.41	-54.45	0.00535	-31.82	-53.03	0.00531
-33.23	-51.62	0.00525	-34.65	-50.20	0.00518
-36.06	-48.79	0.00511	-48.79	-36.06	0.00199
-50.20	-34.65	0.00194	-51.62	-33.23	0.00188
-53.03	-31.82	0.00183	-54.45	-30.41	0.00178
-56.57	-28.28	0.00170	-60.10	-24.75	0.00156
-63.64	-21.21	0.00142	-70.71	-14.14	0.00118
-77.78	-7.07	0.00098	-84.85	0.00	0.00083
-91.92	7.07	0.00070	-98.99	14.14	0.00061
-106.07	21.21	0.00053	-113.14	28.28	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00233	14.14	-113.14	0.00265
7.07	-106.07	0.00303	0.00	-98.99	0.00347
-7.07	-91.92	0.00397	-14.14	-84.85	0.00450
-21.21	-77.78	0.00504	-28.28	-70.71	0.00548
-31.82	-67.18	0.00561	-35.36	-63.64	0.00566
-37.48	-61.52	0.00563	-38.89	-60.10	0.00558
-40.31	-58.69	0.00550	-41.72	-57.28	0.00541
-43.13	-55.86	0.00533	-55.86	-43.13	0.00212
-57.28	-41.72	0.00208	-58.69	-40.31	0.00204
-60.10	-38.89	0.00201	-61.52	-37.48	0.00198
-63.64	-35.36	0.00192	-67.18	-31.82	0.00180
-70.71	-28.28	0.00167	-77.78	-21.21	0.00140
-84.85	-14.14	0.00116	-91.92	-7.07	0.00097
-98.99	0.00	0.00082	-106.07	7.07	0.00070
-113.14	14.14	0.00060	-120.21	21.21	0.00052
14.14	-127.28	0.00235	7.07	-120.21	0.00269
0.00	-113.14	0.00309	-7.07	-106.07	0.00355
-14.14	-98.99	0.00408	-21.21	-91.92	0.00464
-28.28	-84.85	0.00519	-35.36	-77.78	0.00565
-38.89	-74.25	0.00578	-42.43	-70.71	0.00581
-44.55	-68.59	0.00577	-45.96	-67.18	0.00571
-47.38	-65.76	0.00564	-48.79	-64.35	0.00555
-50.20	-62.93	0.00546	-62.93	-50.20	0.00219
-64.35	-48.79	0.00215	-65.76	-47.38	0.00212
-67.18	-45.96	0.00209	-68.59	-44.55	0.00206
-70.71	-42.43	0.00202	-74.25	-38.89	0.00193
-77.78	-35.36	0.00181	-84.85	-28.28	0.00155
-91.92	-21.21	0.00130	-98.99	-14.14	0.00109
-106.07	-7.07	0.00092	-113.14	0.00	0.00078
-120.21	7.07	0.00067	-127.28	14.14	0.00058
7.07	-134.35	0.00231	0.00	-127.28	0.00265
-7.07	-120.21	0.00304	-14.14	-113.14	0.00351
-21.21	-106.07	0.00404	-28.28	-98.99	0.00462
-35.36	-91.92	0.00521	-42.43	-84.85	0.00569
-45.96	-81.32	0.00583	-49.50	-77.78	0.00587
-51.62	-75.66	0.00582	-53.03	-74.25	0.00577

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00570	-55.86	-71.42	0.00562
-57.28	-70.00	0.00553	-70.00	-57.28	0.00223
-71.42	-55.86	0.00218	-72.83	-54.45	0.00215
-74.25	-53.03	0.00213	-75.66	-51.62	0.00210

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00206	-81.32	-45.96	0.00198
-84.85	-42.43	0.00188	-91.92	-35.36	0.00164
-98.99	-28.28	0.00140	-106.07	-21.21	0.00118
-113.14	-14.14	0.00100	-120.21	-7.07	0.00085
-127.28	0.00	0.00072	-134.35	7.07	0.00062
0.00	-141.42	0.00219	-7.07	-134.35	0.00251
-14.14	-127.28	0.00289	-21.21	-120.21	0.00334
-28.28	-113.14	0.00386	-35.36	-106.07	0.00445
-42.43	-98.99	0.00507	-49.50	-91.92	0.00559
-53.03	-88.39	0.00576	-56.57	-84.85	0.00583
-58.69	-82.73	0.00580	-60.10	-81.32	0.00576
-61.52	-79.90	0.00570	-62.93	-78.49	0.00562
-64.35	-77.07	0.00553	-77.07	-64.35	0.00222
-78.49	-62.93	0.00218	-79.90	-61.52	0.00215
-81.32	-60.10	0.00213	-82.73	-58.69	0.00211
-84.85	-56.57	0.00207	-88.39	-53.03	0.00199
-91.92	-49.50	0.00190	-98.99	-42.43	0.00168
-106.07	-35.36	0.00144	-113.14	-28.28	0.00123
-120.21	-21.21	0.00104	-127.28	-14.14	0.00088
-134.35	-7.07	0.00076	-141.42	0.00	0.00065
-7.07	-148.49	0.00201	-14.14	-141.42	0.00229
-21.21	-134.35	0.00263	-28.28	-127.28	0.00304
-35.36	-120.21	0.00352	-42.43	-113.14	0.00408
-49.50	-106.07	0.00468	-56.57	-98.99	0.00526
-60.10	-95.46	0.00549	-63.64	-91.92	0.00562
-65.76	-89.80	0.00564	-67.18	-88.39	0.00562
-68.59	-86.97	0.00558	-70.00	-85.56	0.00552
-71.42	-84.15	0.00545	-84.15	-71.42	0.00217
-85.56	-70.00	0.00213	-86.97	-68.59	0.00211
-88.39	-67.18	0.00209	-89.80	-65.76	0.00207

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00204	-95.46	-60.10	0.00197
-98.99	-56.57	0.00188	-106.07	-49.50	0.00166
-113.14	-42.43	0.00144	-120.21	-35.36	0.00123
-127.28	-28.28	0.00105	-134.35	-21.21	0.00089
-141.42	-14.14	0.00076	-148.49	-7.07	0.00066
-14.14	-155.56	0.00177	-21.21	-148.49	0.00201
-28.28	-141.42	0.00228	-35.36	-134.35	0.00262
-42.43	-127.28	0.00301	-49.50	-120.21	0.00347
-56.57	-113.14	0.00399	-63.64	-106.07	0.00453
-67.18	-102.53	0.00479	-70.71	-98.99	0.00501

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00511	-74.25	-95.46	0.00516
-75.66	-94.05	0.00518	-77.07	-92.63	0.00518
-78.49	-91.22	0.00517	-91.22	-78.49	0.00205
-92.63	-77.07	0.00202	-94.05	-75.66	0.00201
-95.46	-74.25	0.00200	-96.87	-72.83	0.00198
-98.99	-70.71	0.00196	-102.53	-67.18	0.00188
-106.07	-63.64	0.00179	-113.14	-56.57	0.00158
-120.21	-49.50	0.00137	-127.28	-42.43	0.00118
-134.35	-35.36	0.00101	-141.42	-28.28	0.00087
-148.49	-21.21	0.00075	-155.56	-14.14	0.00065
-21.21	-162.63	0.00152	-28.28	-155.56	0.00169
-35.36	-148.49	0.00190	-42.43	-141.42	0.00213
-49.50	-134.35	0.00240	-56.57	-127.28	0.00269
-63.64	-120.21	0.00299	-70.71	-113.14	0.00328
-74.25	-109.60	0.00342	-77.78	-106.07	0.00356
-79.90	-103.94	0.00366	-81.32	-102.53	0.00373
-82.73	-101.12	0.00381	-84.15	-99.70	0.00392
-85.56	-98.29	0.00406	-98.29	-85.56	0.00182
-99.70	-84.15	0.00179	-101.12	-82.73	0.00177
-102.53	-81.32	0.00175	-103.94	-79.90	0.00174
-106.07	-77.78	0.00171	-109.60	-74.25	0.00164
-113.14	-70.71	0.00156	-120.21	-63.64	0.00139
-127.28	-56.57	0.00123	-134.35	-49.50	0.00107
-141.42	-42.43	0.00093	-148.49	-35.36	0.00081

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00071	-162.63	-21.21	0.00062
-28.28	-169.71	0.00127	-35.36	-162.63	0.00139
-42.43	-155.56	0.00153	-49.50	-148.49	0.00167
-56.57	-141.42	0.00182	-63.64	-134.35	0.00195
-70.71	-127.28	0.00204	-77.78	-120.21	0.00204
-81.32	-116.67	0.00199	-84.85	-113.14	0.00191
-86.97	-111.02	0.00184	-88.39	-109.60	0.00178
-89.80	-108.19	0.00172	-91.22	-106.77	0.00165
-92.63	-105.36	0.00157	-105.36	-92.63	0.00106
-106.77	-91.22	0.00111	-108.19	-89.80	0.00114
-109.60	-88.39	0.00117	-111.02	-86.97	0.00120
-113.14	-84.85	0.00123	-116.67	-81.32	0.00124
-120.21	-77.78	0.00122	-127.28	-70.71	0.00115
-134.35	-63.64	0.00105	-141.42	-56.57	0.00094
-148.49	-49.50	0.00084	-155.56	-42.43	0.00074
-162.63	-35.36	0.00066	-169.71	-28.28	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00106	-42.43	-169.71	0.00114
-49.50	-162.63	0.00122	-56.57	-155.56	0.00130
-63.64	-148.49	0.00137	-70.71	-141.42	0.00141
-77.78	-134.35	0.00140	-84.85	-127.28	0.00134
-88.39	-123.74	0.00129	-91.92	-120.21	0.00122
-94.05	-118.09	0.00118	-95.46	-116.67	0.00115
-96.87	-115.26	0.00112	-98.29	-113.84	0.00109
-99.70	-112.43	0.00106	-112.43	-99.70	0.00069
-113.84	-98.29	0.00071	-115.26	-96.87	0.00073
-116.67	-95.46	0.00075	-118.09	-94.05	0.00077
-120.21	-91.92	0.00081	-123.74	-88.39	0.00086
-127.28	-84.85	0.00088	-134.35	-77.78	0.00088
-141.42	-70.71	0.00085	-148.49	-63.64	0.00079
-155.56	-56.57	0.00072	-162.63	-49.50	0.00066
-169.71	-42.43	0.00060	-176.78	-35.36	0.00054
-42.43	-183.85	0.00088	-49.50	-176.78	0.00093
-56.57	-169.71	0.00098	-63.64	-162.63	0.00101
-70.71	-155.56	0.00104	-77.78	-148.49	0.00104

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00102	-91.92	-134.35	0.00098
-95.46	-130.81	0.00095	-98.99	-127.28	0.00092
-101.12	-125.16	0.00090	-102.53	-123.74	0.00089
-103.94	-122.33	0.00087	-105.36	-120.92	0.00085
-106.77	-119.50	0.00083	-119.50	-106.77	0.00055
-120.92	-105.36	0.00055	-122.33	-103.94	0.00056
-123.74	-102.53	0.00056	-125.16	-101.12	0.00057
-127.28	-98.99	0.00058	-130.81	-95.46	0.00061
-134.35	-91.92	0.00063	-141.42	-84.85	0.00066
-148.49	-77.78	0.00066	-155.56	-70.71	0.00064
-162.63	-63.64	0.00061	-169.71	-56.57	0.00057
-176.78	-49.50	0.00052	-183.85	-42.43	0.00048
-49.50	-190.92	0.00073	-56.57	-183.85	0.00076
-63.64	-176.78	0.00078	-70.71	-169.71	0.00080
-77.78	-162.63	0.00081	-84.85	-155.56	0.00081
-91.92	-148.49	0.00079	-98.99	-141.42	0.00076
-102.53	-137.89	0.00075	-106.07	-134.35	0.00073
-108.19	-132.23	0.00072	-109.60	-130.81	0.00072
-111.02	-129.40	0.00071	-112.43	-127.99	0.00069
-113.84	-126.57	0.00067	-126.57	-113.84	0.00045
-127.99	-112.43	0.00045	-129.40	-111.02	0.00046
-130.81	-109.60	0.00046	-132.23	-108.19	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:52:42      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00046	-137.89	-102.53	0.00046
-141.42	-98.99	0.00047	-148.49	-91.92	0.00050
-155.56	-84.85	0.00051	-162.63	-77.78	0.00051
-169.71	-70.71	0.00050	-176.78	-63.64	0.00048
-183.85	-56.57	0.00045	-190.92	-49.50	0.00042
-56.57	-197.99	0.00061	-63.64	-190.92	0.00062
-70.71	-183.85	0.00064	-77.78	-176.78	0.00065
-84.85	-169.71	0.00065	-91.92	-162.63	0.00065
-98.99	-155.56	0.00063	-106.07	-148.49	0.00062
-109.60	-144.96	0.00061	-113.14	-141.42	0.00060
-115.26	-139.30	0.00060	-116.67	-137.89	0.00059
-118.09	-136.47	0.00058	-119.50	-135.06	0.00057



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00055	-133.64	-120.92	0.00038
-135.06	-119.50	0.00038	-136.47	-118.09	0.00038
-137.89	-116.67	0.00038	-139.30	-115.26	0.00038
-141.42	-113.14	0.00038	-144.96	-109.60	0.00038
-148.49	-106.07	0.00038	-155.56	-98.99	0.00039
-162.63	-91.92	0.00040	-169.71	-84.85	0.00041
-176.78	-77.78	0.00041	-183.85	-70.71	0.00040
-190.92	-63.64	0.00039	-197.99	-56.57	0.00037
-63.64	-205.06	0.00051	-70.71	-197.99	0.00052
-77.78	-190.92	0.00053	-84.85	-183.85	0.00054
-91.92	-176.78	0.00054	-98.99	-169.71	0.00053
-106.07	-162.63	0.00052	-113.14	-155.56	0.00051
-116.67	-152.03	0.00051	-120.21	-148.49	0.00051
-122.33	-146.37	0.00050	-123.74	-144.96	0.00049
-125.16	-143.54	0.00048	-126.57	-142.13	0.00047
-127.99	-140.71	0.00045	-140.71	-127.99	0.00032
-142.13	-126.57	0.00032	-143.54	-125.16	0.00032
-144.96	-123.74	0.00032	-146.37	-122.33	0.00032
-148.49	-120.21	0.00032	-152.03	-116.67	0.00032
-155.56	-113.14	0.00032	-162.63	-106.07	0.00031
-169.71	-98.99	0.00032	-176.78	-91.92	0.00033
-183.85	-84.85	0.00033	-190.92	-77.78	0.00034
-197.99	-70.71	0.00033	-205.06	-63.64	0.00032
-70.71	-212.13	0.00044	-77.78	-205.06	0.00044
-84.85	-197.99	0.00045	-91.92	-190.92	0.00045
-98.99	-183.85	0.00045	-106.07	-176.78	0.00044
-113.14	-169.71	0.00043	-120.21	-162.63	0.00043
-123.74	-159.10	0.00043	-127.28	-155.56	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00042	-130.81	-152.03	0.00041
-132.23	-150.61	0.00040	-133.64	-149.20	0.00039
-135.06	-147.79	0.00037	-147.79	-135.06	0.00027
-149.20	-133.64	0.00027	-150.61	-132.23	0.00027
-152.03	-130.81	0.00027	-153.44	-129.40	0.00027
-155.56	-127.28	0.00027	-159.10	-123.74	0.00027

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00027	-169.71	-113.14	0.00026
-176.78	-106.07	0.00026	-183.85	-98.99	0.00027
-190.92	-91.92	0.00027	-197.99	-84.85	0.00028
-205.06	-77.78	0.00028	-212.13	-70.71	0.00028
-77.78	-219.20	0.00038	-84.85	-212.13	0.00038
-91.92	-205.06	0.00038	-98.99	-197.99	0.00038
-106.07	-190.92	0.00038	-113.14	-183.85	0.00037
-120.21	-176.78	0.00037	-127.28	-169.71	0.00037
-130.81	-166.17	0.00037	-134.35	-162.63	0.00036
-136.47	-160.51	0.00036	-137.89	-159.10	0.00035
-139.30	-157.68	0.00034	-140.71	-156.27	0.00033
-142.13	-154.86	0.00032	-154.86	-142.13	0.00023
-156.27	-140.71	0.00023	-157.68	-139.30	0.00023
-159.10	-137.89	0.00023	-160.51	-136.47	0.00023
-162.63	-134.35	0.00023	-166.17	-130.81	0.00024
-169.71	-127.28	0.00023	-176.78	-120.21	0.00023
-183.85	-113.14	0.00022	-190.92	-106.07	0.00022
-197.99	-98.99	0.00023	-205.06	-91.92	0.00023
-212.13	-84.85	0.00023	-219.20	-77.78	0.00024
-84.85	-226.27	0.00033	-91.92	-219.20	0.00033
-98.99	-212.13	0.00033	-106.07	-205.06	0.00033
-113.14	-197.99	0.00032	-120.21	-190.92	0.00032
-127.28	-183.85	0.00032	-134.35	-176.78	0.00032
-137.89	-173.24	0.00032	-141.42	-169.71	0.00031
-143.54	-167.58	0.00030	-144.96	-166.17	0.00030
-146.37	-164.76	0.00029	-147.79	-163.34	0.00028
-149.20	-161.93	0.00027	-161.93	-149.20	0.00020
-163.34	-147.79	0.00020	-164.76	-146.37	0.00020
-166.17	-144.96	0.00020	-167.58	-143.54	0.00020
-169.71	-141.42	0.00020	-173.24	-137.89	0.00020
-176.78	-134.35	0.00020	-183.85	-127.28	0.00020
-190.92	-120.21	0.00019	-197.99	-113.14	0.00019
-205.06	-106.07	0.00019	-212.13	-98.99	0.00020
-219.20	-91.92	0.00020	-226.27	-84.85	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00029	-98.99	-226.27	0.00029
-106.07	-219.20	0.00028	-113.14	-212.13	0.00028
-120.21	-205.06	0.00028	-127.28	-197.99	0.00028
-134.35	-190.92	0.00028	-141.42	-183.85	0.00028
-144.96	-180.31	0.00028	-148.49	-176.78	0.00027
-150.61	-174.66	0.00026	-152.03	-173.24	0.00026
-153.44	-171.83	0.00025	-154.86	-170.41	0.00024
-156.27	-169.00	0.00023	-169.00	-156.27	0.00018
-170.41	-154.86	0.00018	-171.83	-153.44	0.00018
-173.24	-152.03	0.00017	-174.66	-150.61	0.00018
-176.78	-148.49	0.00018	-180.31	-144.96	0.00018
-183.85	-141.42	0.00018	-190.92	-134.35	0.00018
-197.99	-127.28	0.00017	-205.06	-120.21	0.00017
-212.13	-113.14	0.00017	-219.20	-106.07	0.00017
-226.27	-98.99	0.00017	-233.35	-91.92	0.00017
-98.99	-240.42	0.00025	-106.07	-233.35	0.00025
-113.14	-226.27	0.00025	-120.21	-219.20	0.00025
-127.28	-212.13	0.00025	-134.35	-205.06	0.00025
-141.42	-197.99	0.00025	-148.49	-190.92	0.00025
-152.03	-187.38	0.00024	-155.56	-183.85	0.00024
-157.68	-181.73	0.00023	-159.10	-180.31	0.00022
-160.51	-178.90	0.00022	-161.93	-177.48	0.00021
-163.34	-176.07	0.00020	-176.07	-163.34	0.00016
-177.48	-161.93	0.00016	-178.90	-160.51	0.00015
-180.31	-159.10	0.00015	-181.73	-157.68	0.00015
-183.85	-155.56	0.00015	-187.38	-152.03	0.00016
-190.92	-148.49	0.00016	-197.99	-141.42	0.00016
-205.06	-134.35	0.00015	-212.13	-127.28	0.00015
-219.20	-120.21	0.00014	-226.27	-113.14	0.00014
-233.35	-106.07	0.00015	-240.42	-98.99	0.00015
-106.07	-247.49	0.00022	-113.14	-240.42	0.00022
-120.21	-233.35	0.00022	-127.28	-226.27	0.00022
-134.35	-219.20	0.00022	-141.42	-212.13	0.00022
-148.49	-205.06	0.00022	-155.56	-197.99	0.00022
-159.10	-194.45	0.00022	-162.63	-190.92	0.00021
-164.76	-188.80	0.00020	-166.17	-187.38	0.00020
-167.58	-185.97	0.00019	-169.00	-184.55	0.00018
-170.41	-183.14	0.00018	-183.14	-170.41	0.00014
-184.55	-169.00	0.00014	-185.97	-167.58	0.00014
-187.38	-166.17	0.00014	-188.80	-164.76	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00014	-194.45	-159.10	0.00014	
-197.99	-155.56	0.00014	-205.06	-148.49	0.00014	
-212.13	-141.42	0.00014	-219.20	-134.35	0.00013	
-226.27	-127.28	0.00013	-233.35	-120.21	0.00013	
-240.42	-113.14	0.00013	-247.49	-106.07	0.00013	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 14:52:42  
 \*\*MODELOPTs:  
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 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00006	240.42	113.14	0.00006	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00004	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00004	
169.00	184.55	0.00004	167.58	185.97	0.00004	
166.17	187.38	0.00004	164.76	188.80	0.00004	
162.63	190.92	0.00004	159.10	194.45	0.00004	
155.56	197.99	0.00004	148.49	205.06	0.00004	
141.42	212.13	0.00004	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00006	233.35	106.07	0.00006	
226.27	113.14	0.00006	219.20	120.21	0.00006	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00004	

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00004	160.51	178.90	0.00004
159.10	180.31	0.00004	157.68	181.73	0.00004
155.56	183.85	0.00004	152.03	187.38	0.00004
148.49	190.92	0.00004	141.42	197.99	0.00004
134.35	205.06	0.00004	127.28	212.13	0.00004
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00007	226.27	98.99	0.00007
219.20	106.07	0.00006	212.13	113.14	0.00006
205.06	120.21	0.00006	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00004
127.28	197.99	0.00004	120.21	205.06	0.00004
113.14	212.13	0.00004	106.07	219.20	0.00004
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00008	219.20	91.92	0.00008
212.13	98.99	0.00007	205.06	106.07	0.00007
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00005	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00005	166.17	144.96	0.00005
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00005
147.79	163.34	0.00005	146.37	164.76	0.00005
144.96	166.17	0.00005	143.54	167.58	0.00005
141.42	169.71	0.00005	137.89	173.24	0.00005
134.35	176.78	0.00005	127.28	183.85	0.00005



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00010	183.85	84.85	0.00010
176.78	91.92	0.00009	169.71	98.99	0.00008
162.63	106.07	0.00008	155.56	113.14	0.00007
152.03	116.67	0.00007	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00006
143.54	125.16	0.00006	142.13	126.57	0.00006
140.71	127.99	0.00006	127.99	140.71	0.00006
126.57	142.13	0.00006	125.16	143.54	0.00006
123.74	144.96	0.00006	122.33	146.37	0.00006
120.21	148.49	0.00006	116.67	152.03	0.00006
113.14	155.56	0.00006	106.07	162.63	0.00006
98.99	169.71	0.00006	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00005
70.71	197.99	0.00005	63.64	205.06	0.00005
197.99	56.57	0.00014	190.92	63.64	0.00013
183.85	70.71	0.00012	176.78	77.78	0.00011
169.71	84.85	0.00010	162.63	91.92	0.00010
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00008	141.42	113.14	0.00007
139.30	115.26	0.00007	137.89	116.67	0.00007
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00007
119.50	135.06	0.00007	118.09	136.47	0.00007
116.67	137.89	0.00007	115.26	139.30	0.00007
113.14	141.42	0.00007	109.60	144.96	0.00007
106.07	148.49	0.00007	98.99	155.56	0.00007
91.92	162.63	0.00006	84.85	169.71	0.00006
77.78	176.78	0.00006	70.71	183.85	0.00005
63.64	190.92	0.00005	56.57	197.99	0.00005

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3 \*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00016	183.85	56.57	0.00015
176.78	63.64	0.00014	169.71	70.71	0.00013
162.63	77.78	0.00012	155.56	84.85	0.00011
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00009	134.35	106.07	0.00008

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00008	130.81	109.60	0.00008
129.40	111.02	0.00008	127.99	112.43	0.00008
126.57	113.84	0.00008	113.84	126.57	0.00008
112.43	127.99	0.00008	111.02	129.40	0.00008
109.60	130.81	0.00008	108.19	132.23	0.00008
106.07	134.35	0.00008	102.53	137.89	0.00008
98.99	141.42	0.00008	91.92	148.49	0.00007
84.85	155.56	0.00007	77.78	162.63	0.00006
70.71	169.71	0.00006	63.64	176.78	0.00006
56.57	183.85	0.00006	49.50	190.92	0.00005
183.85	42.43	0.00019	176.78	49.50	0.00018
169.71	56.57	0.00016	162.63	63.64	0.00015
155.56	70.71	0.00014	148.49	77.78	0.00013
141.42	84.85	0.00012	134.35	91.92	0.00011
130.81	95.46	0.00010	127.28	98.99	0.00009
125.16	101.12	0.00009	123.74	102.53	0.00009
122.33	103.94	0.00009	120.92	105.36	0.00009
119.50	106.77	0.00009	106.77	119.50	0.00009
105.36	120.92	0.00009	103.94	122.33	0.00009
102.53	123.74	0.00009	101.12	125.16	0.00009
98.99	127.28	0.00009	95.46	130.81	0.00009
91.92	134.35	0.00009	84.85	141.42	0.00008
77.78	148.49	0.00007	70.71	155.56	0.00007
63.64	162.63	0.00007	56.57	169.71	0.00006
49.50	176.78	0.00006	42.43	183.85	0.00006
176.78	35.36	0.00023	169.71	42.43	0.00021
162.63	49.50	0.00019	155.56	56.57	0.00018
148.49	63.64	0.00017	141.42	70.71	0.00015
134.35	77.78	0.00014	127.28	84.85	0.00012
123.74	88.39	0.00012	120.21	91.92	0.00011
118.09	94.05	0.00010	116.67	95.46	0.00010
115.26	96.87	0.00010	113.84	98.29	0.00010
112.43	99.70	0.00010	99.70	112.43	0.00010
98.29	113.84	0.00010	96.87	115.26	0.00010
95.46	116.67	0.00010	94.05	118.09	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00010	88.39	123.74	0.00010
84.85	127.28	0.00010	77.78	134.35	0.00009
70.71	141.42	0.00008	63.64	148.49	0.00008
56.57	155.56	0.00008	49.50	162.63	0.00007
42.43	169.71	0.00007	35.36	176.78	0.00006
169.71	28.28	0.00028	162.63	35.36	0.00026
155.56	42.43	0.00024	148.49	49.50	0.00022
141.42	56.57	0.00020	134.35	63.64	0.00018
127.28	70.71	0.00016	120.21	77.78	0.00015
116.67	81.32	0.00014	113.14	84.85	0.00013
111.02	86.97	0.00012	109.60	88.39	0.00012
108.19	89.80	0.00012	106.77	91.22	0.00011
105.36	92.63	0.00011	92.63	105.36	0.00012
91.22	106.77	0.00012	89.80	108.19	0.00012
88.39	109.60	0.00012	86.97	111.02	0.00012
84.85	113.14	0.00011	81.32	116.67	0.00011
77.78	120.21	0.00011	70.71	127.28	0.00010
63.64	134.35	0.00009	56.57	141.42	0.00009
49.50	148.49	0.00008	42.43	155.56	0.00008
35.36	162.63	0.00007	28.28	169.71	0.00007
162.63	21.21	0.00035	155.56	28.28	0.00032
148.49	35.36	0.00030	141.42	42.43	0.00027
134.35	49.50	0.00024	127.28	56.57	0.00022
120.21	63.64	0.00020	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00015
103.94	79.90	0.00014	102.53	81.32	0.00014
101.12	82.73	0.00014	99.70	84.15	0.00013
98.29	85.56	0.00013	85.56	98.29	0.00013
84.15	99.70	0.00013	82.73	101.12	0.00013
81.32	102.53	0.00013	79.90	103.94	0.00013
77.78	106.07	0.00013	74.25	109.60	0.00013
70.71	113.14	0.00012	63.64	120.21	0.00011
56.57	127.28	0.00011	49.50	134.35	0.00010
42.43	141.42	0.00009	35.36	148.49	0.00009
28.28	155.56	0.00008	21.21	162.63	0.00008
155.56	14.14	0.00043	148.49	21.21	0.00041
141.42	28.28	0.00038	134.35	35.36	0.00034
127.28	42.43	0.00031	120.21	49.50	0.00027
113.14	56.57	0.00024	106.07	63.64	0.00021
102.53	67.18	0.00020	98.99	70.71	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00017	95.46	74.25	0.00017
94.05	75.66	0.00016	92.63	77.07	0.00016
91.22	78.49	0.00016	78.49	91.22	0.00016
77.07	92.63	0.00016	75.66	94.05	0.00016
74.25	95.46	0.00016	72.83	96.87	0.00016
70.71	98.99	0.00015	67.18	102.53	0.00015
63.64	106.07	0.00014	56.57	113.14	0.00013
49.50	120.21	0.00012	42.43	127.28	0.00011
35.36	134.35	0.00011	28.28	141.42	0.00010
21.21	148.49	0.00009	14.14	155.56	0.00009
148.49	7.07	0.00055	141.42	14.14	0.00052
134.35	21.21	0.00049	127.28	28.28	0.00045
120.21	35.36	0.00040	113.14	42.43	0.00035
106.07	49.50	0.00031	98.99	56.57	0.00027
95.46	60.10	0.00025	91.92	63.64	0.00023
89.80	65.76	0.00022	88.39	67.18	0.00021
86.97	68.59	0.00020	85.56	70.00	0.00019
84.15	71.42	0.00019	71.42	84.15	0.00019
70.00	85.56	0.00019	68.59	86.97	0.00019
67.18	88.39	0.00019	65.76	89.80	0.00018
63.64	91.92	0.00018	60.10	95.46	0.00017
56.57	98.99	0.00016	49.50	106.07	0.00015
42.43	113.14	0.00014	35.36	120.21	0.00013
28.28	127.28	0.00012	21.21	134.35	0.00011
14.14	141.42	0.00011	7.07	148.49	0.00010
141.42	0.00	0.00069	134.35	7.07	0.00067
127.28	14.14	0.00064	120.21	21.21	0.00060
113.14	28.28	0.00054	106.07	35.36	0.00047
98.99	42.43	0.00041	91.92	49.50	0.00035
88.39	53.03	0.00032	84.85	56.57	0.00029
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00025	78.49	62.93	0.00024
77.07	64.35	0.00023	64.35	77.07	0.00023
62.93	78.49	0.00023	61.52	79.90	0.00023
60.10	81.32	0.00022	58.69	82.73	0.00022
56.57	84.85	0.00021	53.03	88.39	0.00020
49.50	91.92	0.00019	42.43	98.99	0.00017

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00016	28.28	113.14	0.00015
21.21	120.21	0.00014	14.14	127.28	0.00013
7.07	134.35	0.00013	0.00	141.42	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00086	127.28	0.00	0.00086
120.21	7.07	0.00084	113.14	14.14	0.00081
106.07	21.21	0.00075	98.99	28.28	0.00066
91.92	35.36	0.00057	84.85	42.43	0.00047
81.32	45.96	0.00042	77.78	49.50	0.00038
75.66	51.62	0.00036	74.25	53.03	0.00034
72.83	54.45	0.00033	71.42	55.86	0.00031
70.00	57.28	0.00030	57.28	70.00	0.00028
55.86	71.42	0.00028	54.45	72.83	0.00028
53.03	74.25	0.00027	51.62	75.66	0.00026
49.50	77.78	0.00026	45.96	81.32	0.00024
42.43	84.85	0.00023	35.36	91.92	0.00021
28.28	98.99	0.00019	21.21	106.07	0.00018
14.14	113.14	0.00017	7.07	120.21	0.00016
0.00	127.28	0.00015	-7.07	134.35	0.00014
127.28	-14.14	0.00107	120.21	-7.07	0.00109
113.14	0.00	0.00110	106.07	7.07	0.00109
98.99	14.14	0.00105	91.92	21.21	0.00097
84.85	28.28	0.00084	77.78	35.36	0.00068
74.25	38.89	0.00061	70.71	42.43	0.00053
68.59	44.55	0.00049	67.18	45.96	0.00047
65.76	47.38	0.00044	64.35	48.79	0.00042
62.93	50.20	0.00040	50.20	62.93	0.00036
48.79	64.35	0.00035	47.38	65.76	0.00034
45.96	67.18	0.00033	44.55	68.59	0.00032
42.43	70.71	0.00031	38.89	74.25	0.00029
35.36	77.78	0.00028	28.28	84.85	0.00025
21.21	91.92	0.00023	14.14	98.99	0.00022
7.07	106.07	0.00021	0.00	113.14	0.00020
-7.07	120.21	0.00019	-14.14	127.28	0.00018
120.21	-21.21	0.00132	113.14	-14.14	0.00138

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00144	98.99	0.00	0.00147
91.92	7.07	0.00147	84.85	14.14	0.00143
77.78	21.21	0.00131	70.71	28.28	0.00110
67.18	31.82	0.00096	63.64	35.36	0.00082
61.52	37.48	0.00074	60.10	38.89	0.00069
58.69	40.31	0.00065	57.28	41.72	0.00060
55.86	43.13	0.00056	43.13	55.86	0.00046
41.72	57.28	0.00045	40.31	58.69	0.00043
38.89	60.10	0.00042	37.48	61.52	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00039	31.82	67.18	0.00037
28.28	70.71	0.00035	21.21	77.78	0.00032
14.14	84.85	0.00030	7.07	91.92	0.00028
0.00	98.99	0.00026	-7.07	106.07	0.00025
-14.14	113.14	0.00023	-21.21	120.21	0.00022
113.14	-28.28	0.00158	106.07	-21.21	0.00171
98.99	-14.14	0.00183	91.92	-7.07	0.00195
84.85	0.00	0.00204	77.78	7.07	0.00209
70.71	14.14	0.00206	63.64	21.21	0.00189
60.10	24.75	0.00173	56.57	28.28	0.00150
54.45	30.41	0.00134	53.03	31.82	0.00122
51.62	33.23	0.00111	50.20	34.65	0.00100
48.79	36.06	0.00090	36.06	48.79	0.00061
34.65	50.20	0.00059	33.23	51.62	0.00057
31.82	53.03	0.00055	30.41	54.45	0.00053
28.28	56.57	0.00051	24.75	60.10	0.00049
21.21	63.64	0.00047	14.14	70.71	0.00044
7.07	77.78	0.00041	0.00	84.85	0.00038
-7.07	91.92	0.00035	-14.14	98.99	0.00032
-21.21	106.07	0.00030	-28.28	113.14	0.00027
106.07	-35.36	0.00185	98.99	-28.28	0.00203
91.92	-21.21	0.00224	84.85	-14.14	0.00246
77.78	-7.07	0.00269	70.71	0.00	0.00291
63.64	7.07	0.00310	56.57	14.14	0.00318
53.03	17.68	0.00314	49.50	21.21	0.00300

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00285	45.96	24.75	0.00271
44.55	26.16	0.00253	43.13	27.58	0.00232
41.72	28.99	0.00205	28.99	41.72	0.00086
27.58	43.13	0.00084	26.16	44.55	0.00083
24.75	45.96	0.00081	23.33	47.38	0.00080
21.21	49.50	0.00078	17.68	53.03	0.00075
14.14	56.57	0.00072	7.07	63.64	0.00065
0.00	70.71	0.00058	-7.07	77.78	0.00051
-14.14	84.85	0.00046	-21.21	91.92	0.00041
-28.28	98.99	0.00037	-35.36	106.07	0.00033
98.99	-42.43	0.00207	91.92	-35.36	0.00232
84.85	-28.28	0.00260	77.78	-21.21	0.00292
70.71	-14.14	0.00327	63.64	-7.07	0.00366
56.57	0.00	0.00407	49.50	7.07	0.00444
45.96	10.61	0.00459	42.43	14.14	0.00468

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00469	38.89	17.68	0.00467
37.48	19.09	0.00465	36.06	20.51	0.00463
34.65	21.92	0.00460	21.92	34.65	0.00163
20.51	36.06	0.00154	19.09	37.48	0.00147
17.68	38.89	0.00141	16.26	40.31	0.00135
14.14	42.43	0.00128	10.61	45.96	0.00117
7.07	49.50	0.00107	0.00	56.57	0.00091
-7.07	63.64	0.00077	-14.14	70.71	0.00067
-21.21	77.78	0.00058	-28.28	84.85	0.00051
-35.36	91.92	0.00045	-42.43	98.99	0.00040
91.92	-49.50	0.00223	84.85	-42.43	0.00252
77.78	-35.36	0.00286	70.71	-28.28	0.00326
63.64	-21.21	0.00370	56.57	-14.14	0.00419
49.50	-7.07	0.00469	42.43	0.00	0.00514
38.89	3.54	0.00530	35.36	7.07	0.00537
33.23	9.19	0.00535	31.82	10.61	0.00531
30.41	12.02	0.00525	28.99	13.44	0.00518
27.58	14.85	0.00511	14.85	27.58	0.00199
13.44	28.99	0.00194	12.02	30.41	0.00188

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00183	9.19	33.23	0.00178
7.07	35.36	0.00170	3.54	38.89	0.00156
0.00	42.43	0.00142	-7.07	49.50	0.00118
-14.14	56.57	0.00098	-21.21	63.64	0.00083
-28.28	70.71	0.00070	-35.36	77.78	0.00061
-42.43	84.85	0.00053	-49.50	91.92	0.00046
84.85	-56.57	0.00233	77.78	-49.50	0.00265
70.71	-42.43	0.00303	63.64	-35.36	0.00347
56.57	-28.28	0.00397	49.50	-21.21	0.00450
42.43	-14.14	0.00504	35.36	-7.07	0.00548
31.82	-3.54	0.00561	28.28	0.00	0.00566
26.16	2.12	0.00563	24.75	3.54	0.00558
23.33	4.95	0.00550	21.92	6.36	0.00541
20.51	7.78	0.00533	7.78	20.51	0.00212
6.36	21.92	0.00208	4.95	23.33	0.00204
3.54	24.75	0.00201	2.12	26.16	0.00198
0.00	28.28	0.00192	-3.54	31.82	0.00180
-7.07	35.36	0.00167	-14.14	42.43	0.00140
-21.21	49.50	0.00116	-28.28	56.57	0.00097
-35.36	63.64	0.00082	-42.43	70.71	0.00070
-49.50	77.78	0.00060	-56.57	84.85	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00235	70.71	-56.57	0.00269
63.64	-49.50	0.00309	56.57	-42.43	0.00355
49.50	-35.36	0.00408	42.43	-28.28	0.00464
35.36	-21.21	0.00519	28.28	-14.14	0.00565
24.75	-10.61	0.00578	21.21	-7.07	0.00581
19.09	-4.95	0.00577	17.68	-3.54	0.00571
16.26	-2.12	0.00564	14.85	-0.71	0.00555
13.44	0.71	0.00546	0.71	13.44	0.00219
-0.71	14.85	0.00215	-2.12	16.26	0.00212
-3.54	17.68	0.00209	-4.95	19.09	0.00206
-7.07	21.21	0.00202	-10.61	24.75	0.00193
-14.14	28.28	0.00181	-21.21	35.36	0.00155
-28.28	42.43	0.00130	-35.36	49.50	0.00109

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00092	-49.50	63.64	0.00078
-56.57	70.71	0.00067	-63.64	77.78	0.00058
70.71	-70.71	0.00231	63.64	-63.64	0.00265
56.57	-56.57	0.00304	49.50	-49.50	0.00351
42.43	-42.43	0.00404	35.36	-35.36	0.00462
28.28	-28.28	0.00521	21.21	-21.21	0.00569
17.68	-17.68	0.00583	14.14	-14.14	0.00587
12.02	-12.02	0.00582	10.61	-10.61	0.00577
9.19	-9.19	0.00570	7.78	-7.78	0.00562
6.36	-6.36	0.00553	-6.36	6.36	0.00223
-7.78	7.78	0.00218	-9.19	9.19	0.00215
-10.61	10.61	0.00213	-12.02	12.02	0.00210
-14.14	14.14	0.00206	-17.68	17.68	0.00198
-21.21	21.21	0.00188	-28.28	28.28	0.00164
-35.36	35.36	0.00140	-42.43	42.43	0.00118
-49.50	49.50	0.00100	-56.57	56.57	0.00085
-63.64	63.64	0.00072	-70.71	70.71	0.00062
63.64	-77.78	0.00219	56.57	-70.71	0.00251
49.50	-63.64	0.00289	42.43	-56.57	0.00334
35.36	-49.50	0.00386	28.28	-42.43	0.00445
21.21	-35.36	0.00507	14.14	-28.28	0.00559
10.61	-24.75	0.00576	7.07	-21.21	0.00583
4.95	-19.09	0.00580	3.54	-17.68	0.00576
2.12	-16.26	0.00570	0.71	-14.85	0.00562
-0.71	-13.44	0.00553	-13.44	-0.71	0.00222
-14.85	0.71	0.00218	-16.26	2.12	0.00215
-17.68	3.54	0.00213	-19.09	4.95	0.00211

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00207	-24.75	10.61	0.00199
-28.28	14.14	0.00190	-35.36	21.21	0.00168
-42.43	28.28	0.00144	-49.50	35.36	0.00123
-56.57	42.43	0.00104	-63.64	49.50	0.00088
-70.71	56.57	0.00076	-77.78	63.64	0.00065
56.57	-84.85	0.00201	49.50	-77.78	0.00229
42.43	-70.71	0.00263	35.36	-63.64	0.00304

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00352	21.21	-49.50	0.00408
14.14	-42.43	0.00468	7.07	-35.36	0.00526
3.54	-31.82	0.00549	0.00	-28.28	0.00562
-2.12	-26.16	0.00564	-3.54	-24.75	0.00562
-4.95	-23.33	0.00558	-6.36	-21.92	0.00552
-7.78	-20.51	0.00545	-20.51	-7.78	0.00217
-21.92	-6.36	0.00213	-23.33	-4.95	0.00211
-24.75	-3.54	0.00209	-26.16	-2.12	0.00207
-28.28	0.00	0.00204	-31.82	3.54	0.00197
-35.36	7.07	0.00188	-42.43	14.14	0.00166
-49.50	21.21	0.00144	-56.57	28.28	0.00123
-63.64	35.36	0.00105	-70.71	42.43	0.00089
-77.78	49.50	0.00076	-84.85	56.57	0.00066
49.50	-91.92	0.00177	42.43	-84.85	0.00201
35.36	-77.78	0.00228	28.28	-70.71	0.00262
21.21	-63.64	0.00301	14.14	-56.57	0.00347
7.07	-49.50	0.00399	0.00	-42.43	0.00453
-3.54	-38.89	0.00479	-7.07	-35.36	0.00501
-9.19	-33.23	0.00511	-10.61	-31.82	0.00516
-12.02	-30.41	0.00518	-13.44	-28.99	0.00518
-14.85	-27.58	0.00517	-27.58	-14.85	0.00205
-28.99	-13.44	0.00202	-30.41	-12.02	0.00201
-31.82	-10.61	0.00200	-33.23	-9.19	0.00198
-35.36	-7.07	0.00196	-38.89	-3.54	0.00188
-42.43	0.00	0.00179	-49.50	7.07	0.00158
-56.57	14.14	0.00137	-63.64	21.21	0.00118
-70.71	28.28	0.00101	-77.78	35.36	0.00087
-84.85	42.43	0.00075	-91.92	49.50	0.00065
42.43	-98.99	0.00152	35.36	-91.92	0.00169
28.28	-84.85	0.00190	21.21	-77.78	0.00213
14.14	-70.71	0.00240	7.07	-63.64	0.00269
0.00	-56.57	0.00299	-7.07	-49.50	0.00328
-10.61	-45.96	0.00342	-14.14	-42.43	0.00356

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00366	-17.68	-38.89	0.00373



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00381	-20.51	-36.06	0.00392
-21.92	-34.65	0.00406	-34.65	-21.92	0.00182
-36.06	-20.51	0.00179	-37.48	-19.09	0.00177
-38.89	-17.68	0.00175	-40.31	-16.26	0.00174
-42.43	-14.14	0.00171	-45.96	-10.61	0.00164
-49.50	-7.07	0.00156	-56.57	0.00	0.00139
-63.64	7.07	0.00123	-70.71	14.14	0.00107
-77.78	21.21	0.00093	-84.85	28.28	0.00081
-91.92	35.36	0.00071	-98.99	42.43	0.00062
35.36	-106.07	0.00127	28.28	-98.99	0.00139
21.21	-91.92	0.00153	14.14	-84.85	0.00167
7.07	-77.78	0.00182	0.00	-70.71	0.00195
-7.07	-63.64	0.00204	-14.14	-56.57	0.00204
-17.68	-53.03	0.00199	-21.21	-49.50	0.00191
-23.33	-47.38	0.00184	-24.75	-45.96	0.00178
-26.16	-44.55	0.00172	-27.58	-43.13	0.00165
-28.99	-41.72	0.00157	-41.72	-28.99	0.00106
-43.13	-27.58	0.00111	-44.55	-26.16	0.00114
-45.96	-24.75	0.00117	-47.38	-23.33	0.00120
-49.50	-21.21	0.00123	-53.03	-17.68	0.00124
-56.57	-14.14	0.00122	-63.64	-7.07	0.00115
-70.71	0.00	0.00105	-77.78	7.07	0.00094
-84.85	14.14	0.00084	-91.92	21.21	0.00074
-98.99	28.28	0.00066	-106.07	35.36	0.00058
28.28	-113.14	0.00106	21.21	-106.07	0.00114
14.14	-98.99	0.00122	7.07	-91.92	0.00130
0.00	-84.85	0.00137	-7.07	-77.78	0.00141
-14.14	-70.71	0.00140	-21.21	-63.64	0.00134
-24.75	-60.10	0.00129	-28.28	-56.57	0.00122
-30.41	-54.45	0.00118	-31.82	-53.03	0.00115
-33.23	-51.62	0.00112	-34.65	-50.20	0.00109
-36.06	-48.79	0.00106	-48.79	-36.06	0.00069
-50.20	-34.65	0.00071	-51.62	-33.23	0.00073
-53.03	-31.82	0.00075	-54.45	-30.41	0.00077
-56.57	-28.28	0.00081	-60.10	-24.75	0.00086
-63.64	-21.21	0.00088	-70.71	-14.14	0.00088
-77.78	-7.07	0.00085	-84.85	0.00	0.00079
-91.92	7.07	0.00072	-98.99	14.14	0.00066
-106.07	21.21	0.00060	-113.14	28.28	0.00054

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00088	14.14	-113.14	0.00093
7.07	-106.07	0.00098	0.00	-98.99	0.00101
-7.07	-91.92	0.00104	-14.14	-84.85	0.00104
-21.21	-77.78	0.00102	-28.28	-70.71	0.00098
-31.82	-67.18	0.00095	-35.36	-63.64	0.00092
-37.48	-61.52	0.00090	-38.89	-60.10	0.00089
-40.31	-58.69	0.00087	-41.72	-57.28	0.00085
-43.13	-55.86	0.00083	-55.86	-43.13	0.00055
-57.28	-41.72	0.00055	-58.69	-40.31	0.00056
-60.10	-38.89	0.00056	-61.52	-37.48	0.00057
-63.64	-35.36	0.00058	-67.18	-31.82	0.00061
-70.71	-28.28	0.00063	-77.78	-21.21	0.00066
-84.85	-14.14	0.00066	-91.92	-7.07	0.00064
-98.99	0.00	0.00061	-106.07	7.07	0.00057
-113.14	14.14	0.00052	-120.21	21.21	0.00048
14.14	-127.28	0.00073	7.07	-120.21	0.00076
0.00	-113.14	0.00078	-7.07	-106.07	0.00080
-14.14	-98.99	0.00081	-21.21	-91.92	0.00081
-28.28	-84.85	0.00079	-35.36	-77.78	0.00076
-38.89	-74.25	0.00075	-42.43	-70.71	0.00073
-44.55	-68.59	0.00072	-45.96	-67.18	0.00072
-47.38	-65.76	0.00071	-48.79	-64.35	0.00069
-50.20	-62.93	0.00067	-62.93	-50.20	0.00045
-64.35	-48.79	0.00045	-65.76	-47.38	0.00046
-67.18	-45.96	0.00046	-68.59	-44.55	0.00046
-70.71	-42.43	0.00046	-74.25	-38.89	0.00046
-77.78	-35.36	0.00047	-84.85	-28.28	0.00050
-91.92	-21.21	0.00051	-98.99	-14.14	0.00051
-106.07	-7.07	0.00050	-113.14	0.00	0.00048
-120.21	7.07	0.00045	-127.28	14.14	0.00042
7.07	-134.35	0.00061	0.00	-127.28	0.00062
-7.07	-120.21	0.00064	-14.14	-113.14	0.00065
-21.21	-106.07	0.00065	-28.28	-98.99	0.00065
-35.36	-91.92	0.00063	-42.43	-84.85	0.00062
-45.96	-81.32	0.00061	-49.50	-77.78	0.00060
-51.62	-75.66	0.00060	-53.03	-74.25	0.00059
-54.45	-72.83	0.00058	-55.86	-71.42	0.00057
-57.28	-70.00	0.00055	-70.00	-57.28	0.00038
-71.42	-55.86	0.00038	-72.83	-54.45	0.00038



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00027	-134.35	-21.21	0.00028
-141.42	-14.14	0.00028	-148.49	-7.07	0.00028
-14.14	-155.56	0.00038	-21.21	-148.49	0.00038
-28.28	-141.42	0.00038	-35.36	-134.35	0.00038
-42.43	-127.28	0.00038	-49.50	-120.21	0.00037
-56.57	-113.14	0.00037	-63.64	-106.07	0.00037
-67.18	-102.53	0.00037	-70.71	-98.99	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00036	-74.25	-95.46	0.00035
-75.66	-94.05	0.00034	-77.07	-92.63	0.00033
-78.49	-91.22	0.00032	-91.22	-78.49	0.00023
-92.63	-77.07	0.00023	-94.05	-75.66	0.00023
-95.46	-74.25	0.00023	-96.87	-72.83	0.00023
-98.99	-70.71	0.00023	-102.53	-67.18	0.00024
-106.07	-63.64	0.00023	-113.14	-56.57	0.00023
-120.21	-49.50	0.00022	-127.28	-42.43	0.00022
-134.35	-35.36	0.00023	-141.42	-28.28	0.00023
-148.49	-21.21	0.00023	-155.56	-14.14	0.00024
-21.21	-162.63	0.00033	-28.28	-155.56	0.00033
-35.36	-148.49	0.00033	-42.43	-141.42	0.00033
-49.50	-134.35	0.00032	-56.57	-127.28	0.00032
-63.64	-120.21	0.00032	-70.71	-113.14	0.00032
-74.25	-109.60	0.00032	-77.78	-106.07	0.00031
-79.90	-103.94	0.00030	-81.32	-102.53	0.00030
-82.73	-101.12	0.00029	-84.15	-99.70	0.00028
-85.56	-98.29	0.00027	-98.29	-85.56	0.00020
-99.70	-84.15	0.00020	-101.12	-82.73	0.00020
-102.53	-81.32	0.00020	-103.94	-79.90	0.00020
-106.07	-77.78	0.00020	-109.60	-74.25	0.00020
-113.14	-70.71	0.00020	-120.21	-63.64	0.00020
-127.28	-56.57	0.00019	-134.35	-49.50	0.00019
-141.42	-42.43	0.00019	-148.49	-35.36	0.00020
-155.56	-28.28	0.00020	-162.63	-21.21	0.00020
-28.28	-169.71	0.00029	-35.36	-162.63	0.00029
-42.43	-155.56	0.00028	-49.50	-148.49	0.00028

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00028	-63.64	-134.35	0.00028
-70.71	-127.28	0.00028	-77.78	-120.21	0.00028
-81.32	-116.67	0.00028	-84.85	-113.14	0.00027
-86.97	-111.02	0.00026	-88.39	-109.60	0.00026
-89.80	-108.19	0.00025	-91.22	-106.77	0.00024
-92.63	-105.36	0.00023	-105.36	-92.63	0.00018
-106.77	-91.22	0.00018	-108.19	-89.80	0.00018
-109.60	-88.39	0.00017	-111.02	-86.97	0.00018
-113.14	-84.85	0.00018	-116.67	-81.32	0.00018
-120.21	-77.78	0.00018	-127.28	-70.71	0.00018
-134.35	-63.64	0.00017	-141.42	-56.57	0.00017
-148.49	-49.50	0.00017	-155.56	-42.43	0.00017
-162.63	-35.36	0.00017	-169.71	-28.28	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00025	-42.43	-169.71	0.00025
-49.50	-162.63	0.00025	-56.57	-155.56	0.00025
-63.64	-148.49	0.00025	-70.71	-141.42	0.00025
-77.78	-134.35	0.00025	-84.85	-127.28	0.00025
-88.39	-123.74	0.00024	-91.92	-120.21	0.00024
-94.05	-118.09	0.00023	-95.46	-116.67	0.00022
-96.87	-115.26	0.00022	-98.29	-113.84	0.00021
-99.70	-112.43	0.00020	-112.43	-99.70	0.00016
-113.84	-98.29	0.00016	-115.26	-96.87	0.00015
-116.67	-95.46	0.00015	-118.09	-94.05	0.00015
-120.21	-91.92	0.00015	-123.74	-88.39	0.00016
-127.28	-84.85	0.00016	-134.35	-77.78	0.00016
-141.42	-70.71	0.00015	-148.49	-63.64	0.00015
-155.56	-56.57	0.00014	-162.63	-49.50	0.00014
-169.71	-42.43	0.00015	-176.78	-35.36	0.00015
-42.43	-183.85	0.00022	-49.50	-176.78	0.00022
-56.57	-169.71	0.00022	-63.64	-162.63	0.00022
-70.71	-155.56	0.00022	-77.78	-148.49	0.00022
-84.85	-141.42	0.00022	-91.92	-134.35	0.00022
-95.46	-130.81	0.00022	-98.99	-127.28	0.00021
-101.12	-125.16	0.00020	-102.53	-123.74	0.00020

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00019	-105.36	-120.92	0.00018
-106.77	-119.50	0.00018	-119.50	-106.77	0.00014
-120.92	-105.36	0.00014	-122.33	-103.94	0.00014
-123.74	-102.53	0.00014	-125.16	-101.12	0.00014
-127.28	-98.99	0.00014	-130.81	-95.46	0.00014
-134.35	-91.92	0.00014	-141.42	-84.85	0.00014
-148.49	-77.78	0.00014	-155.56	-70.71	0.00013
-162.63	-63.64	0.00013	-169.71	-56.57	0.00013
-176.78	-49.50	0.00013	-183.85	-42.43	0.00013
-49.50	-190.92	0.00020	-56.57	-183.85	0.00020
-63.64	-176.78	0.00020	-70.71	-169.71	0.00020
-77.78	-162.63	0.00020	-84.85	-155.56	0.00020
-91.92	-148.49	0.00020	-98.99	-141.42	0.00020
-102.53	-137.89	0.00019	-106.07	-134.35	0.00018
-108.19	-132.23	0.00018	-109.60	-130.81	0.00017
-111.02	-129.40	0.00017	-112.43	-127.99	0.00016
-113.84	-126.57	0.00016	-126.57	-113.84	0.00013
-127.99	-112.43	0.00012	-129.40	-111.02	0.00012
-130.81	-109.60	0.00012	-132.23	-108.19	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00012	-137.89	-102.53	0.00012
-141.42	-98.99	0.00012	-148.49	-91.92	0.00013
-155.56	-84.85	0.00012	-162.63	-77.78	0.00012
-169.71	-70.71	0.00012	-176.78	-63.64	0.00011
-183.85	-56.57	0.00011	-190.92	-49.50	0.00011
-56.57	-197.99	0.00018	-63.64	-190.92	0.00018
-70.71	-183.85	0.00018	-77.78	-176.78	0.00018
-84.85	-169.71	0.00018	-91.92	-162.63	0.00018
-98.99	-155.56	0.00018	-106.07	-148.49	0.00018
-109.60	-144.96	0.00017	-113.14	-141.42	0.00016
-115.26	-139.30	0.00016	-116.67	-137.89	0.00015
-118.09	-136.47	0.00015	-119.50	-135.06	0.00014
-120.92	-133.64	0.00014	-133.64	-120.92	0.00011
-135.06	-119.50	0.00011	-136.47	-118.09	0.00011
-137.89	-116.67	0.00011	-139.30	-115.26	0.00011

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00011	-144.96	-109.60	0.00011
-148.49	-106.07	0.00011	-155.56	-98.99	0.00011
-162.63	-91.92	0.00011	-169.71	-84.85	0.00011
-176.78	-77.78	0.00011	-183.85	-70.71	0.00010
-190.92	-63.64	0.00010	-197.99	-56.57	0.00010
-63.64	-205.06	0.00016	-70.71	-197.99	0.00016
-77.78	-190.92	0.00016	-84.85	-183.85	0.00016
-91.92	-176.78	0.00016	-98.99	-169.71	0.00016
-106.07	-162.63	0.00016	-113.14	-155.56	0.00016
-116.67	-152.03	0.00015	-120.21	-148.49	0.00015
-122.33	-146.37	0.00014	-123.74	-144.96	0.00014
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00013	-140.71	-127.99	0.00010
-142.13	-126.57	0.00010	-143.54	-125.16	0.00010
-144.96	-123.74	0.00010	-146.37	-122.33	0.00010
-148.49	-120.21	0.00010	-152.03	-116.67	0.00010
-155.56	-113.14	0.00010	-162.63	-106.07	0.00010
-169.71	-98.99	0.00010	-176.78	-91.92	0.00010
-183.85	-84.85	0.00010	-190.92	-77.78	0.00009
-197.99	-70.71	0.00009	-205.06	-63.64	0.00009
-70.71	-212.13	0.00014	-77.78	-205.06	0.00014
-84.85	-197.99	0.00014	-91.92	-190.92	0.00014
-98.99	-183.85	0.00015	-106.07	-176.78	0.00015
-113.14	-169.71	0.00015	-120.21	-162.63	0.00014
-123.74	-159.10	0.00014	-127.28	-155.56	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :      NCRA\_S3 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00013	-130.81	-152.03	0.00012
-132.23	-150.61	0.00012	-133.64	-149.20	0.00012
-135.06	-147.79	0.00011	-147.79	-135.06	0.00009
-149.20	-133.64	0.00009	-150.61	-132.23	0.00009
-152.03	-130.81	0.00009	-153.44	-129.40	0.00009
-155.56	-127.28	0.00009	-159.10	-123.74	0.00009
-162.63	-120.21	0.00009	-169.71	-113.14	0.00009
-176.78	-106.07	0.00009	-183.85	-98.99	0.00009
-190.92	-91.92	0.00009	-197.99	-84.85	0.00009

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00008	-212.13	-70.71	0.00008
-77.78	-219.20	0.00013	-84.85	-212.13	0.00013
-91.92	-205.06	0.00013	-98.99	-197.99	0.00013
-106.07	-190.92	0.00013	-113.14	-183.85	0.00013
-120.21	-176.78	0.00013	-127.28	-169.71	0.00013
-130.81	-166.17	0.00012	-134.35	-162.63	0.00012
-136.47	-160.51	0.00011	-137.89	-159.10	0.00011
-139.30	-157.68	0.00011	-140.71	-156.27	0.00011
-142.13	-154.86	0.00010	-154.86	-142.13	0.00009
-156.27	-140.71	0.00009	-157.68	-139.30	0.00008
-159.10	-137.89	0.00008	-160.51	-136.47	0.00008
-162.63	-134.35	0.00008	-166.17	-130.81	0.00008
-169.71	-127.28	0.00008	-176.78	-120.21	0.00008
-183.85	-113.14	0.00009	-190.92	-106.07	0.00008
-197.99	-98.99	0.00008	-205.06	-91.92	0.00008
-212.13	-84.85	0.00008	-219.20	-77.78	0.00008
-84.85	-226.27	0.00012	-91.92	-219.20	0.00012
-98.99	-212.13	0.00012	-106.07	-205.06	0.00012
-113.14	-197.99	0.00012	-120.21	-190.92	0.00012
-127.28	-183.85	0.00012	-134.35	-176.78	0.00012
-137.89	-173.24	0.00011	-141.42	-169.71	0.00011
-143.54	-167.58	0.00010	-144.96	-166.17	0.00010
-146.37	-164.76	0.00010	-147.79	-163.34	0.00010
-149.20	-161.93	0.00009	-161.93	-149.20	0.00008
-163.34	-147.79	0.00008	-164.76	-146.37	0.00008
-166.17	-144.96	0.00008	-167.58	-143.54	0.00008
-169.71	-141.42	0.00008	-173.24	-137.89	0.00008
-176.78	-134.35	0.00008	-183.85	-127.28	0.00008
-190.92	-120.21	0.00008	-197.99	-113.14	0.00008
-205.06	-106.07	0.00008	-212.13	-98.99	0.00007
-219.20	-91.92	0.00007	-226.27	-84.85	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):                      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00011	-98.99	-226.27	0.00011
-106.07	-219.20	0.00011	-113.14	-212.13	0.00011
-120.21	-205.06	0.00011	-127.28	-197.99	0.00011



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00011	-141.42	-183.85	0.00011
-144.96	-180.31	0.00010	-148.49	-176.78	0.00010
-150.61	-174.66	0.00009	-152.03	-173.24	0.00009
-153.44	-171.83	0.00009	-154.86	-170.41	0.00009
-156.27	-169.00	0.00009	-169.00	-156.27	0.00007
-170.41	-154.86	0.00007	-171.83	-153.44	0.00007
-173.24	-152.03	0.00007	-174.66	-150.61	0.00007
-176.78	-148.49	0.00007	-180.31	-144.96	0.00007
-183.85	-141.42	0.00007	-190.92	-134.35	0.00007
-197.99	-127.28	0.00007	-205.06	-120.21	0.00007
-212.13	-113.14	0.00007	-219.20	-106.07	0.00007
-226.27	-98.99	0.00007	-233.35	-91.92	0.00007
-98.99	-240.42	0.00010	-106.07	-233.35	0.00010
-113.14	-226.27	0.00010	-120.21	-219.20	0.00010
-127.28	-212.13	0.00011	-134.35	-205.06	0.00011
-141.42	-197.99	0.00010	-148.49	-190.92	0.00010
-152.03	-187.38	0.00009	-155.56	-183.85	0.00009
-157.68	-181.73	0.00009	-159.10	-180.31	0.00009
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00007
-177.48	-161.93	0.00007	-178.90	-160.51	0.00007
-180.31	-159.10	0.00007	-181.73	-157.68	0.00007
-183.85	-155.56	0.00006	-187.38	-152.03	0.00006
-190.92	-148.49	0.00006	-197.99	-141.42	0.00007
-205.06	-134.35	0.00007	-212.13	-127.28	0.00007
-219.20	-120.21	0.00007	-226.27	-113.14	0.00007
-233.35	-106.07	0.00006	-240.42	-98.99	0.00006
-106.07	-247.49	0.00010	-113.14	-240.42	0.00010
-120.21	-233.35	0.00010	-127.28	-226.27	0.00010
-134.35	-219.20	0.00010	-141.42	-212.13	0.00010
-148.49	-205.06	0.00010	-155.56	-197.99	0.00009
-159.10	-194.45	0.00009	-162.63	-190.92	0.00008
-164.76	-188.80	0.00008	-166.17	-187.38	0.00008
-167.58	-185.97	0.00008	-169.00	-184.55	0.00008
-170.41	-183.14	0.00007	-183.14	-170.41	0.00006
-184.55	-169.00	0.00006	-185.97	-167.58	0.00006
-187.38	-166.17	0.00006	-188.80	-164.76	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00006	-194.45	-159.10	0.00006
-197.99	-155.56	0.00006	-205.06	-148.49	0.00006
-212.13	-141.42	0.00006	-219.20	-134.35	0.00006
-226.27	-127.28	0.00006	-233.35	-120.21	0.00006
-240.42	-113.14	0.00006	-247.49	-106.07	0.00006

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00019	240.42	113.14	0.00018
233.35	120.21	0.00016	226.27	127.28	0.00015
219.20	134.35	0.00014	212.13	141.42	0.00013
205.06	148.49	0.00012	197.99	155.56	0.00011
194.45	159.10	0.00010	190.92	162.63	0.00009
188.80	164.76	0.00009	187.38	166.17	0.00009
185.97	167.58	0.00009	184.55	169.00	0.00009
183.14	170.41	0.00009	170.41	183.14	0.00009
169.00	184.55	0.00009	167.58	185.97	0.00009
166.17	187.38	0.00009	164.76	188.80	0.00009
162.63	190.92	0.00009	159.10	194.45	0.00009
155.56	197.99	0.00009	148.49	205.06	0.00008
141.42	212.13	0.00007	134.35	219.20	0.00007
127.28	226.27	0.00007	120.21	233.35	0.00006
113.14	240.42	0.00006	106.07	247.49	0.00006
240.42	98.99	0.00023	233.35	106.07	0.00021
226.27	113.14	0.00019	219.20	120.21	0.00018
212.13	127.28	0.00017	205.06	134.35	0.00015
197.99	141.42	0.00014	190.92	148.49	0.00012
187.38	152.03	0.00012	183.85	155.56	0.00011
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00010
176.07	163.34	0.00010	163.34	176.07	0.00010
161.93	177.48	0.00010	160.51	178.90	0.00010
159.10	180.31	0.00010	157.68	181.73	0.00010
155.56	183.85	0.00010	152.03	187.38	0.00010

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00010	141.42	197.99	0.00009
134.35	205.06	0.00008	127.28	212.13	0.00008
120.21	219.20	0.00008	113.14	226.27	0.00007
106.07	233.35	0.00007	98.99	240.42	0.00006
233.35	91.92	0.00028	226.27	98.99	0.00026
219.20	106.07	0.00024	212.13	113.14	0.00022
205.06	120.21	0.00020	197.99	127.28	0.00018
190.92	134.35	0.00016	183.85	141.42	0.00015
180.31	144.96	0.00014	176.78	148.49	0.00013
174.66	150.61	0.00012	173.24	152.03	0.00012
171.83	153.44	0.00012	170.41	154.86	0.00011
169.00	156.27	0.00011	156.27	169.00	0.00012
154.86	170.41	0.00012	153.44	171.83	0.00012
152.03	173.24	0.00012	150.61	174.66	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00011	144.96	180.31	0.00011
141.42	183.85	0.00011	134.35	190.92	0.00010
127.28	197.99	0.00009	120.21	205.06	0.00009
113.14	212.13	0.00008	106.07	219.20	0.00008
99.00	226.27	0.00007	91.92	233.35	0.00007
226.27	84.85	0.00035	219.20	91.92	0.00032
212.13	98.99	0.00030	205.06	106.07	0.00027
197.99	113.14	0.00024	190.92	120.21	0.00022
183.85	127.28	0.00020	176.78	134.35	0.00017
173.24	137.89	0.00016	169.71	141.42	0.00015
167.58	143.54	0.00014	166.17	144.96	0.00014
164.76	146.37	0.00014	163.34	147.79	0.00013
161.93	149.20	0.00013	149.20	161.93	0.00013
147.79	163.34	0.00013	146.37	164.76	0.00013
144.96	166.17	0.00013	143.54	167.58	0.00013
141.42	169.71	0.00013	137.89	173.24	0.00013
134.35	176.78	0.00012	127.28	183.85	0.00011
120.21	190.92	0.00011	113.14	197.99	0.00010
106.07	205.06	0.00009	99.00	212.13	0.00009
91.92	219.20	0.00008	84.85	226.27	0.00008

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00043	212.13	84.85	0.00041
205.06	91.92	0.00038	197.99	98.99	0.00034
190.92	106.07	0.00031	183.85	113.14	0.00027
176.78	120.21	0.00024	169.71	127.28	0.00021
166.17	130.81	0.00020	162.63	134.35	0.00018
160.51	136.47	0.00017	159.10	137.89	0.00017
157.68	139.30	0.00016	156.27	140.71	0.00016
154.86	142.13	0.00016	142.13	154.86	0.00016
140.71	156.27	0.00016	139.30	157.68	0.00016
137.89	159.10	0.00016	136.47	160.51	0.00016
134.35	162.63	0.00015	130.81	166.17	0.00015
127.28	169.71	0.00014	120.21	176.78	0.00013
113.14	183.85	0.00012	106.07	190.92	0.00011
99.00	197.99	0.00011	91.92	205.06	0.00010
84.85	212.13	0.00009	77.78	219.20	0.00009
212.13	70.71	0.00055	205.06	77.78	0.00052
197.99	84.85	0.00049	190.92	91.92	0.00045
183.85	98.99	0.00040	176.78	106.07	0.00035
169.71	113.14	0.00031	162.63	120.21	0.00027
159.10	123.74	0.00025	155.56	127.28	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00022	152.03	130.81	0.00021
150.61	132.23	0.00020	149.20	133.64	0.00019
147.79	135.06	0.00019	135.06	147.79	0.00019
133.64	149.20	0.00019	132.23	150.61	0.00019
130.81	152.03	0.00019	129.40	153.44	0.00018
127.28	155.56	0.00018	123.74	159.10	0.00017
120.21	162.63	0.00016	113.14	169.71	0.00015
106.07	176.78	0.00014	98.99	183.85	0.00013
91.92	190.92	0.00012	84.85	197.99	0.00011
77.78	205.06	0.00011	70.71	212.13	0.00010
205.06	63.64	0.00069	197.99	70.71	0.00067
190.92	77.78	0.00064	183.85	84.85	0.00060
176.78	91.92	0.00054	169.71	98.99	0.00047
162.63	106.07	0.00041	155.56	113.14	0.00035

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00032	148.49	120.21	0.00029
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00025	142.13	126.57	0.00024
140.71	127.99	0.00023	127.99	140.71	0.00023
126.57	142.13	0.00023	125.16	143.54	0.00023
123.74	144.96	0.00022	122.33	146.37	0.00022
120.21	148.49	0.00021	116.67	152.03	0.00020
113.14	155.56	0.00019	106.07	162.63	0.00017
98.99	169.71	0.00016	91.92	176.78	0.00015
84.85	183.85	0.00014	77.78	190.92	0.00013
70.71	197.99	0.00013	63.64	205.06	0.00012
197.99	56.57	0.00086	190.92	63.64	0.00086
183.85	70.71	0.00084	176.78	77.78	0.00081
169.71	84.85	0.00075	162.63	91.92	0.00066
155.56	98.99	0.00057	148.49	106.07	0.00047
144.96	109.60	0.00042	141.42	113.14	0.00038
139.30	115.26	0.00036	137.89	116.67	0.00034
136.47	118.09	0.00033	135.06	119.50	0.00031
133.64	120.92	0.00030	120.92	133.64	0.00028
119.50	135.06	0.00028	118.09	136.47	0.00028
116.67	137.89	0.00027	115.26	139.30	0.00026
113.14	141.42	0.00026	109.60	144.96	0.00024
106.07	148.49	0.00023	98.99	155.56	0.00021
91.92	162.63	0.00019	84.85	169.71	0.00018
77.78	176.78	0.00017	70.71	183.85	0.00016
63.64	190.92	0.00015	56.57	197.99	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00107	183.85	56.57	0.00109
176.78	63.64	0.00110	169.71	70.71	0.00109
162.63	77.78	0.00105	155.56	84.85	0.00097
148.49	91.92	0.00084	141.42	98.99	0.00068
137.89	102.53	0.00061	134.35	106.07	0.00053
132.23	108.19	0.00049	130.81	109.60	0.00047
129.40	111.02	0.00044	127.99	112.43	0.00042
126.57	113.84	0.00040	113.84	126.57	0.00036

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00035	111.02	129.40	0.00034
109.60	130.81	0.00033	108.19	132.23	0.00032
106.07	134.35	0.00031	102.53	137.89	0.00029
98.99	141.42	0.00028	91.92	148.49	0.00025
84.85	155.56	0.00023	77.78	162.63	0.00022
70.71	169.71	0.00021	63.64	176.78	0.00020
56.57	183.85	0.00019	49.50	190.92	0.00018
183.85	42.43	0.00132	176.78	49.50	0.00138
169.71	56.57	0.00144	162.63	63.64	0.00147
155.56	70.71	0.00147	148.49	77.78	0.00143
141.42	84.85	0.00131	134.35	91.92	0.00110
130.81	95.46	0.00096	127.28	98.99	0.00083
125.16	101.12	0.00074	123.74	102.53	0.00069
122.33	103.94	0.00065	120.92	105.36	0.00060
119.50	106.77	0.00056	106.77	119.50	0.00046
105.36	120.92	0.00045	103.94	122.33	0.00043
102.53	123.74	0.00042	101.12	125.16	0.00041
98.99	127.28	0.00039	95.46	130.81	0.00037
91.92	134.35	0.00035	84.85	141.42	0.00032
77.78	148.49	0.00030	70.71	155.56	0.00028
63.64	162.63	0.00026	56.57	169.71	0.00025
49.50	176.78	0.00023	42.43	183.85	0.00022
176.78	35.36	0.00158	169.71	42.43	0.00171
162.63	49.50	0.00183	155.56	56.57	0.00195
148.49	63.64	0.00204	141.42	70.71	0.00209
134.35	77.78	0.00206	127.28	84.85	0.00189
123.74	88.39	0.00173	120.21	91.92	0.00150
118.09	94.05	0.00134	116.67	95.46	0.00122
115.26	96.87	0.00111	113.84	98.29	0.00100
112.43	99.70	0.00090	99.70	112.43	0.00061
98.29	113.84	0.00059	96.87	115.26	0.00057
95.46	116.67	0.00055	94.05	118.09	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00051	88.39	123.74	0.00049
84.85	127.28	0.00047	77.78	134.35	0.00044

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00041	63.64	148.49	0.00038
56.57	155.56	0.00035	49.50	162.63	0.00032
42.43	169.71	0.00030	35.36	176.78	0.00027
169.71	28.28	0.00185	162.63	35.36	0.00203
155.56	42.43	0.00224	148.49	49.50	0.00246
141.42	56.57	0.00269	134.35	63.64	0.00291
127.28	70.71	0.00310	120.21	77.78	0.00318
116.67	81.32	0.00314	113.14	84.85	0.00300
111.02	86.97	0.00285	109.60	88.39	0.00271
108.19	89.80	0.00253	106.77	91.22	0.00232
105.36	92.63	0.00205	92.63	105.36	0.00086
91.22	106.77	0.00084	89.80	108.19	0.00083
88.39	109.60	0.00081	86.97	111.02	0.00080
84.85	113.14	0.00078	81.32	116.67	0.00075
77.78	120.21	0.00072	70.71	127.28	0.00065
63.64	134.35	0.00058	56.57	141.42	0.00051
49.50	148.49	0.00046	42.43	155.56	0.00041
35.36	162.63	0.00037	28.28	169.71	0.00033
162.63	21.21	0.00207	155.56	28.28	0.00232
148.49	35.36	0.00260	141.42	42.43	0.00292
134.35	49.50	0.00327	127.28	56.57	0.00366
120.21	63.64	0.00407	113.14	70.71	0.00444
109.60	74.25	0.00459	106.07	77.78	0.00468
103.94	79.90	0.00469	102.53	81.32	0.00467
101.12	82.73	0.00465	99.70	84.15	0.00463
98.29	85.56	0.00460	85.56	98.29	0.00163
84.15	99.70	0.00154	82.73	101.12	0.00147
81.32	102.53	0.00141	79.90	103.94	0.00135
77.78	106.07	0.00128	74.25	109.60	0.00117
70.71	113.14	0.00107	63.64	120.21	0.00091
56.57	127.28	0.00077	49.50	134.35	0.00067
42.43	141.42	0.00058	35.36	148.49	0.00051
28.28	155.56	0.00045	21.21	162.63	0.00040
155.56	14.14	0.00223	148.49	21.21	0.00252
141.42	28.28	0.00286	134.35	35.36	0.00326
127.28	42.43	0.00370	120.21	49.50	0.00419
113.14	56.57	0.00469	106.07	63.64	0.00514
102.53	67.18	0.00530	98.99	70.71	0.00537

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

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13NCRA PL93-300 DPM\_TRAV ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00535	95.46	74.25	0.00531
94.05	75.66	0.00525	92.63	77.07	0.00518
91.22	78.49	0.00511	78.49	91.22	0.00199
77.07	92.63	0.00194	75.66	94.05	0.00188
74.25	95.46	0.00183	72.83	96.87	0.00178
70.71	98.99	0.00170	67.18	102.53	0.00156
63.64	106.07	0.00142	56.57	113.14	0.00118
49.50	120.21	0.00098	42.43	127.28	0.00083
35.36	134.35	0.00070	28.28	141.42	0.00061
21.21	148.49	0.00053	14.14	155.56	0.00046
148.49	7.07	0.00233	141.42	14.14	0.00265
134.35	21.21	0.00303	127.28	28.28	0.00347
120.21	35.36	0.00397	113.14	42.43	0.00450
106.07	49.50	0.00504	98.99	56.57	0.00548
95.46	60.10	0.00561	91.92	63.64	0.00566
89.80	65.76	0.00563	88.39	67.18	0.00558
86.97	68.59	0.00550	85.56	70.00	0.00541
84.15	71.42	0.00533	71.42	84.15	0.00212
70.00	85.56	0.00208	68.59	86.97	0.00204
67.18	88.39	0.00201	65.76	89.80	0.00198
63.64	91.92	0.00192	60.10	95.46	0.00180
56.57	98.99	0.00167	49.50	106.07	0.00140
42.43	113.14	0.00116	35.36	120.21	0.00097
28.28	127.28	0.00082	21.21	134.35	0.00070
14.14	141.42	0.00060	7.07	148.49	0.00052
141.42	0.00	0.00235	134.35	7.07	0.00269
127.28	14.14	0.00309	120.21	21.21	0.00355
113.14	28.28	0.00408	106.07	35.36	0.00464
98.99	42.43	0.00520	91.92	49.50	0.00565
88.39	53.03	0.00578	84.85	56.57	0.00581
82.73	58.69	0.00577	81.32	60.10	0.00571
79.90	61.52	0.00564	78.49	62.93	0.00555
77.07	64.35	0.00546	64.35	77.07	0.00219
62.93	78.49	0.00215	61.52	79.90	0.00212
60.10	81.32	0.00209	58.69	82.73	0.00206
56.57	84.85	0.00202	53.03	88.39	0.00193
49.50	91.92	0.00181	42.43	98.99	0.00155
35.36	106.07	0.00130	28.28	113.14	0.00109
21.21	120.21	0.00092	14.14	127.28	0.00078
7.07	134.35	0.00067	0.00	141.42	0.00058



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00231	127.28	0.00	0.00265
120.21	7.07	0.00304	113.14	14.14	0.00351
106.07	21.21	0.00404	98.99	28.28	0.00462
91.92	35.36	0.00521	84.85	42.43	0.00569
81.32	45.96	0.00583	77.78	49.50	0.00587
75.66	51.62	0.00582	74.25	53.03	0.00577
72.83	54.45	0.00570	71.42	55.86	0.00562
70.00	57.28	0.00553	57.28	70.00	0.00223
55.86	71.42	0.00218	54.45	72.83	0.00215
53.03	74.25	0.00213	51.62	75.66	0.00210
49.50	77.78	0.00206	45.96	81.32	0.00198
42.43	84.85	0.00188	35.36	91.92	0.00164
28.28	98.99	0.00140	21.21	106.07	0.00118
14.14	113.14	0.00100	7.07	120.21	0.00085
0.00	127.28	0.00072	-7.07	134.35	0.00062
127.28	-14.14	0.00219	120.21	-7.07	0.00251
113.14	0.00	0.00289	106.07	7.07	0.00334
98.99	14.14	0.00386	91.92	21.21	0.00445
84.85	28.28	0.00507	77.78	35.36	0.00559
74.25	38.89	0.00576	70.71	42.43	0.00583
68.59	44.55	0.00580	67.18	45.96	0.00576
65.76	47.38	0.00570	64.35	48.79	0.00562
62.93	50.20	0.00553	50.20	62.93	0.00222
48.79	64.35	0.00218	47.38	65.76	0.00215
45.96	67.18	0.00213	44.55	68.59	0.00211
42.43	70.71	0.00207	38.89	74.25	0.00199
35.36	77.78	0.00190	28.28	84.85	0.00168
21.21	91.92	0.00144	14.14	98.99	0.00123
7.07	106.07	0.00104	0.00	113.14	0.00088
-7.07	120.21	0.00076	-14.14	127.28	0.00065
120.21	-21.21	0.00201	113.14	-14.14	0.00229
106.07	-7.07	0.00263	98.99	0.00	0.00304
91.92	7.07	0.00352	84.85	14.14	0.00408
77.78	21.21	0.00468	70.71	28.28	0.00526

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00549	63.64	35.36	0.00562
61.52	37.48	0.00564	60.10	38.89	0.00562
58.69	40.31	0.00558	57.28	41.72	0.00552
55.86	43.13	0.00545	43.13	55.86	0.00217
41.72	57.28	0.00213	40.31	58.69	0.00211
38.89	60.10	0.00209	37.48	61.52	0.00207

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00204	31.82	67.18	0.00197
28.28	70.71	0.00188	21.21	77.78	0.00166
14.14	84.85	0.00144	7.07	91.92	0.00123
0.00	98.99	0.00105	-7.07	106.07	0.00089
-14.14	113.14	0.00076	-21.21	120.21	0.00066
113.14	-28.28	0.00177	106.07	-21.21	0.00201
98.99	-14.14	0.00228	91.92	-7.07	0.00262
84.85	0.00	0.00301	77.78	7.07	0.00347
70.71	14.14	0.00399	63.64	21.21	0.00453
60.10	24.75	0.00479	56.57	28.28	0.00501
54.45	30.41	0.00511	53.03	31.82	0.00516
51.62	33.23	0.00518	50.20	34.65	0.00518
48.79	36.06	0.00517	36.06	48.79	0.00205
34.65	50.20	0.00202	33.23	51.62	0.00201
31.82	53.03	0.00200	30.41	54.45	0.00198
28.28	56.57	0.00196	24.75	60.10	0.00188
21.21	63.64	0.00179	14.14	70.71	0.00158
7.07	77.78	0.00137	0.00	84.85	0.00118
-7.07	91.92	0.00101	-14.14	98.99	0.00087
-21.21	106.07	0.00075	-28.28	113.14	0.00065
106.07	-35.36	0.00152	98.99	-28.28	0.00169
91.92	-21.21	0.00190	84.85	-14.14	0.00213
77.78	-7.07	0.00240	70.71	0.00	0.00269
63.64	7.07	0.00299	56.57	14.14	0.00328
53.03	17.68	0.00342	49.50	21.21	0.00356
47.38	23.33	0.00366	45.96	24.75	0.00373
44.55	26.16	0.00381	43.13	27.58	0.00392
41.72	28.99	0.00406	28.99	41.72	0.00182

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00179	26.16	44.55	0.00177
24.75	45.96	0.00175	23.33	47.38	0.00174
21.21	49.50	0.00171	17.68	53.03	0.00164
14.14	56.57	0.00156	7.07	63.64	0.00139
0.00	70.71	0.00123	-7.07	77.78	0.00107
-14.14	84.85	0.00093	-21.21	91.92	0.00081
-28.28	98.99	0.00071	-35.36	106.07	0.00062
98.99	-42.43	0.00127	91.92	-35.36	0.00139
84.85	-28.28	0.00153	77.78	-21.21	0.00167
70.71	-14.14	0.00182	63.64	-7.07	0.00195
56.57	0.00	0.00204	49.50	7.07	0.00204
45.96	10.61	0.00199	42.43	14.14	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 91

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00184	38.89	17.68	0.00178
37.48	19.09	0.00172	36.06	20.51	0.00165
34.65	21.92	0.00157	21.92	34.65	0.00106
20.51	36.06	0.00111	19.09	37.48	0.00114
17.68	38.89	0.00117	16.26	40.31	0.00120
14.14	42.43	0.00123	10.61	45.96	0.00124
7.07	49.50	0.00122	0.00	56.57	0.00115
-7.07	63.64	0.00105	-14.14	70.71	0.00094
-21.21	77.78	0.00084	-28.28	84.85	0.00074
-35.36	91.92	0.00066	-42.43	98.99	0.00058
91.92	-49.50	0.00106	84.85	-42.43	0.00114
77.78	-35.36	0.00122	70.71	-28.28	0.00130
63.64	-21.21	0.00137	56.57	-14.14	0.00141
49.50	-7.07	0.00140	42.43	0.00	0.00134
38.89	3.54	0.00129	35.36	7.07	0.00122
33.23	9.19	0.00118	31.82	10.61	0.00115
30.41	12.02	0.00112	28.99	13.44	0.00109
27.58	14.85	0.00106	14.85	27.58	0.00069
13.44	28.99	0.00071	12.02	30.41	0.00073
10.61	31.82	0.00075	9.19	33.23	0.00077
7.07	35.36	0.00081	3.54	38.89	0.00086
0.00	42.43	0.00088	-7.07	49.50	0.00088

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00079
-28.28	70.71	0.00072	-35.36	77.78	0.00066
-42.43	84.85	0.00060	-49.50	91.92	0.00054
84.85	-56.57	0.00088	77.78	-49.50	0.00093
70.71	-42.43	0.00098	63.64	-35.36	0.00101
56.57	-28.28	0.00104	49.50	-21.21	0.00104
42.43	-14.14	0.00102	35.36	-7.07	0.00098
31.82	-3.54	0.00095	28.28	0.00	0.00092
26.16	2.12	0.00090	24.75	3.54	0.00089
23.33	4.95	0.00087	21.92	6.36	0.00085
20.51	7.78	0.00083	7.78	20.51	0.00055
6.36	21.92	0.00055	4.95	23.33	0.00056
3.54	24.75	0.00056	2.12	26.16	0.00057
0.00	28.28	0.00058	-3.54	31.82	0.00061
-7.07	35.36	0.00063	-14.14	42.43	0.00066
-21.21	49.50	0.00066	-28.28	56.57	0.00064
-35.36	63.64	0.00061	-42.43	70.71	0.00057
-49.50	77.78	0.00052	-56.57	84.85	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00073	70.71	-56.57	0.00076
63.64	-49.50	0.00078	56.57	-42.43	0.00080
49.50	-35.36	0.00081	42.43	-28.28	0.00081
35.36	-21.21	0.00079	28.28	-14.14	0.00076
24.75	-10.61	0.00075	21.21	-7.07	0.00073
19.09	-4.95	0.00072	17.68	-3.54	0.00072
16.26	-2.12	0.00071	14.85	-0.71	0.00069
13.44	0.71	0.00067	0.71	13.44	0.00045
-0.71	14.85	0.00045	-2.12	16.26	0.00046
-3.54	17.68	0.00046	-4.95	19.09	0.00046
-7.07	21.21	0.00046	-10.61	24.75	0.00046
-14.14	28.28	0.00047	-21.21	35.36	0.00050
-28.28	42.43	0.00051	-35.36	49.50	0.00051
-42.43	56.57	0.00050	-49.50	63.64	0.00048
-56.57	70.71	0.00045	-63.64	77.78	0.00042
70.71	-70.71	0.00061	63.64	-63.64	0.00062

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00064	49.50	-49.50	0.00065
42.43	-42.43	0.00065	35.36	-35.36	0.00065
28.28	-28.28	0.00063	21.21	-21.21	0.00062
17.68	-17.68	0.00061	14.14	-14.14	0.00060
12.02	-12.02	0.00060	10.61	-10.61	0.00059
9.19	-9.19	0.00058	7.78	-7.78	0.00057
6.36	-6.36	0.00055	-6.36	6.36	0.00038
-7.78	7.78	0.00038	-9.19	9.19	0.00038
-10.61	10.61	0.00038	-12.02	12.02	0.00038
-14.14	14.14	0.00038	-17.68	17.68	0.00038
-21.21	21.21	0.00038	-28.28	28.28	0.00039
-35.36	35.36	0.00040	-42.43	42.43	0.00041
-49.50	49.50	0.00041	-56.57	56.57	0.00040
-63.64	63.64	0.00039	-70.71	70.71	0.00037
63.64	-77.78	0.00051	56.57	-70.71	0.00052
49.50	-63.64	0.00053	42.43	-56.57	0.00054
35.36	-49.50	0.00054	28.28	-42.43	0.00053
21.21	-35.36	0.00052	14.14	-28.28	0.00051
10.61	-24.75	0.00051	7.07	-21.21	0.00051
4.95	-19.09	0.00050	3.54	-17.68	0.00049
2.12	-16.26	0.00048	0.71	-14.85	0.00047
-0.71	-13.44	0.00045	-13.44	-0.71	0.00032
-14.85	0.71	0.00032	-16.26	2.12	0.00032
-17.68	3.54	0.00032	-19.09	4.95	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00032	-24.75	10.61	0.00032
-28.28	14.14	0.00032	-35.36	21.21	0.00031
-42.43	28.28	0.00032	-49.50	35.36	0.00033
-56.57	42.43	0.00033	-63.64	49.50	0.00034
-70.71	56.57	0.00033	-77.78	63.64	0.00032
56.57	-84.85	0.00044	49.50	-77.78	0.00044
42.43	-70.71	0.00045	35.36	-63.64	0.00045
28.28	-56.57	0.00045	21.21	-49.50	0.00044
14.14	-42.43	0.00043	7.07	-35.36	0.00043
3.54	-31.82	0.00043	0.00	-28.28	0.00043

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00042	-3.54	-24.75	0.00041
-4.95	-23.33	0.00040	-6.36	-21.92	0.00039
-7.78	-20.51	0.00037	-20.51	-7.78	0.00027
-21.92	-6.36	0.00027	-23.33	-4.95	0.00027
-24.75	-3.54	0.00027	-26.16	-2.12	0.00027
-28.28	0.00	0.00027	-31.82	3.54	0.00027
-35.36	7.07	0.00027	-42.43	14.14	0.00026
-49.50	21.21	0.00026	-56.57	28.28	0.00027
-63.64	35.36	0.00027	-70.71	42.43	0.00028
-77.78	49.50	0.00028	-84.85	56.57	0.00028
49.50	-91.92	0.00038	42.43	-84.85	0.00038
35.36	-77.78	0.00038	28.28	-70.71	0.00038
21.21	-63.64	0.00038	14.14	-56.57	0.00037
7.07	-49.50	0.00037	0.00	-42.43	0.00037
-3.54	-38.89	0.00037	-7.07	-35.36	0.00036
-9.19	-33.23	0.00036	-10.61	-31.82	0.00035
-12.02	-30.41	0.00034	-13.44	-28.99	0.00033
-14.85	-27.58	0.00032	-27.58	-14.85	0.00023
-28.99	-13.44	0.00023	-30.41	-12.02	0.00023
-31.82	-10.61	0.00023	-33.23	-9.19	0.00023
-35.36	-7.07	0.00023	-38.89	-3.54	0.00024
-42.43	0.00	0.00023	-49.50	7.07	0.00023
-56.57	14.14	0.00022	-63.64	21.21	0.00022
-70.71	28.28	0.00023	-77.78	35.36	0.00023
-84.85	42.43	0.00023	-91.92	49.50	0.00024
42.43	-98.99	0.00033	35.36	-91.92	0.00033
28.28	-84.85	0.00033	21.21	-77.78	0.00033
14.14	-70.71	0.00032	7.07	-63.64	0.00032
0.00	-56.57	0.00032	-7.07	-49.50	0.00032
-10.61	-45.96	0.00032	-14.14	-42.43	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00030	-17.68	-38.89	0.00030
-19.09	-37.48	0.00029	-20.51	-36.06	0.00028
-21.92	-34.65	0.00027	-34.65	-21.92	0.00020
-36.06	-20.51	0.00020	-37.48	-19.09	0.00020

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00020	-40.31	-16.26	0.00020
-42.43	-14.14	0.00020	-45.96	-10.61	0.00020
-49.50	-7.07	0.00020	-56.57	0.00	0.00020
-63.64	7.07	0.00019	-70.71	14.14	0.00019
-77.78	21.21	0.00019	-84.85	28.28	0.00020
-91.92	35.36	0.00020	-98.99	42.43	0.00020
35.36	-106.07	0.00029	28.28	-98.99	0.00029
21.21	-91.92	0.00028	14.14	-84.85	0.00028
7.07	-77.78	0.00028	0.00	-70.71	0.00028
-7.07	-63.64	0.00028	-14.14	-56.57	0.00028
-17.68	-53.03	0.00028	-21.21	-49.50	0.00027
-23.33	-47.38	0.00026	-24.75	-45.96	0.00026
-26.16	-44.55	0.00025	-27.58	-43.13	0.00024
-28.99	-41.72	0.00023	-41.72	-28.99	0.00018
-43.13	-27.58	0.00018	-44.55	-26.16	0.00018
-45.96	-24.75	0.00017	-47.38	-23.33	0.00018
-49.50	-21.21	0.00018	-53.03	-17.68	0.00018
-56.57	-14.14	0.00018	-63.64	-7.07	0.00018
-70.71	0.00	0.00017	-77.78	7.07	0.00017
-84.85	14.14	0.00017	-91.92	21.21	0.00017
-98.99	28.28	0.00017	-106.07	35.36	0.00017
28.28	-113.14	0.00025	21.21	-106.07	0.00025
14.14	-98.99	0.00025	7.07	-91.92	0.00025
0.00	-84.85	0.00025	-7.07	-77.78	0.00025
-14.14	-70.71	0.00025	-21.21	-63.64	0.00025
-24.75	-60.10	0.00024	-28.28	-56.57	0.00024
-30.41	-54.45	0.00023	-31.82	-53.03	0.00022
-33.23	-51.62	0.00022	-34.65	-50.20	0.00021
-36.06	-48.79	0.00020	-48.79	-36.06	0.00016
-50.20	-34.65	0.00016	-51.62	-33.23	0.00015
-53.03	-31.82	0.00015	-54.45	-30.41	0.00015
-56.57	-28.28	0.00015	-60.10	-24.75	0.00016
-63.64	-21.21	0.00016	-70.71	-14.14	0.00016
-77.78	-7.07	0.00015	-84.85	0.00	0.00015
-91.92	7.07	0.00014	-98.99	14.14	0.00014
-106.07	21.21	0.00015	-113.14	28.28	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00022	14.14	-113.14	0.00022
7.07	-106.07	0.00022	0.00	-98.99	0.00022
-7.07	-91.92	0.00022	-14.14	-84.85	0.00022
-21.21	-77.78	0.00022	-28.28	-70.71	0.00022
-31.82	-67.18	0.00022	-35.36	-63.64	0.00021
-37.48	-61.52	0.00020	-38.89	-60.10	0.00020
-40.31	-58.69	0.00019	-41.72	-57.28	0.00018
-43.13	-55.86	0.00018	-55.86	-43.13	0.00014
-57.28	-41.72	0.00014	-58.69	-40.31	0.00014
-60.10	-38.89	0.00014	-61.52	-37.48	0.00014
-63.64	-35.36	0.00014	-67.18	-31.82	0.00014
-70.71	-28.28	0.00014	-77.78	-21.21	0.00014
-84.85	-14.14	0.00014	-91.92	-7.07	0.00013
-98.99	0.00	0.00013	-106.07	7.07	0.00013
-113.14	14.14	0.00013	-120.21	21.21	0.00013
14.14	-127.28	0.00020	7.07	-120.21	0.00020
0.00	-113.14	0.00020	-7.07	-106.07	0.00020
-14.14	-98.99	0.00020	-21.21	-91.92	0.00020
-28.28	-84.85	0.00020	-35.36	-77.78	0.00020
-38.89	-74.25	0.00019	-42.43	-70.71	0.00018
-44.55	-68.59	0.00018	-45.96	-67.18	0.00017
-47.38	-65.76	0.00017	-48.79	-64.35	0.00016
-50.20	-62.93	0.00016	-62.93	-50.20	0.00013
-64.35	-48.79	0.00012	-65.76	-47.38	0.00012
-67.18	-45.96	0.00012	-68.59	-44.55	0.00012
-70.71	-42.43	0.00012	-74.25	-38.89	0.00012
-77.78	-35.36	0.00012	-84.85	-28.28	0.00013
-91.92	-21.21	0.00012	-98.99	-14.14	0.00012
-106.07	-7.07	0.00012	-113.14	0.00	0.00011
-120.21	7.07	0.00011	-127.28	14.14	0.00011
7.07	-134.35	0.00018	0.00	-127.28	0.00018
-7.07	-120.21	0.00018	-14.14	-113.14	0.00018
-21.21	-106.07	0.00018	-28.28	-98.99	0.00018
-35.36	-91.92	0.00018	-42.43	-84.85	0.00018
-45.96	-81.32	0.00017	-49.50	-77.78	0.00016
-51.62	-75.66	0.00016	-53.03	-74.25	0.00015
-54.45	-72.83	0.00015	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00011
-71.42	-55.86	0.00011	-72.83	-54.45	0.00011
-74.25	-53.03	0.00011	-75.66	-51.62	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*



14:52:42  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-77.78	-49.50	0.00011	-81.32	-45.96	0.00011	
-84.85	-42.43	0.00011	-91.92	-35.36	0.00011	
-98.99	-28.28	0.00011	-106.07	-21.21	0.00011	
-113.14	-14.14	0.00011	-120.21	-7.07	0.00010	
-127.28	0.00	0.00010	-134.35	7.07	0.00010	
0.00	-141.42	0.00016	-7.07	-134.35	0.00016	
-14.14	-127.28	0.00016	-21.21	-120.21	0.00016	
-28.28	-113.14	0.00016	-35.36	-106.07	0.00016	
-42.43	-98.99	0.00016	-49.50	-91.92	0.00016	
-53.03	-88.39	0.00015	-56.57	-84.85	0.00015	
-58.69	-82.73	0.00014	-60.10	-81.32	0.00014	
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013	
-64.35	-77.07	0.00013	-77.07	-64.35	0.00010	
-78.49	-62.93	0.00010	-79.90	-61.52	0.00010	
-81.32	-60.10	0.00010	-82.73	-58.69	0.00010	
-84.85	-56.57	0.00010	-88.39	-53.03	0.00010	
-91.92	-49.50	0.00010	-98.99	-42.43	0.00010	
-106.07	-35.36	0.00010	-113.14	-28.28	0.00010	
-120.21	-21.21	0.00010	-127.28	-14.14	0.00009	
-134.35	-7.07	0.00009	-141.42	0.00	0.00009	
-7.07	-148.49	0.00014	-14.14	-141.42	0.00014	
-21.21	-134.35	0.00014	-28.28	-127.28	0.00014	
-35.36	-120.21	0.00015	-42.43	-113.14	0.00015	
-49.50	-106.07	0.00015	-56.57	-98.99	0.00014	
-60.10	-95.46	0.00014	-63.64	-91.92	0.00013	
-65.76	-89.80	0.00013	-67.18	-88.39	0.00012	
-68.59	-86.97	0.00012	-70.00	-85.56	0.00012	
-71.42	-84.15	0.00011	-84.15	-71.42	0.00009	
-85.56	-70.00	0.00009	-86.97	-68.59	0.00009	
-88.39	-67.18	0.00009	-89.80	-65.76	0.00009	
-91.92	-63.64	0.00009	-95.46	-60.10	0.00009	
-98.99	-56.57	0.00009	-106.07	-49.50	0.00009	
-113.14	-42.43	0.00009	-120.21	-35.36	0.00009	
-127.28	-28.28	0.00009	-134.35	-21.21	0.00009	
-141.42	-14.14	0.00008	-148.49	-7.07	0.00008	
-14.14	-155.56	0.00013	-21.21	-148.49	0.00013	

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00013	-35.36	-134.35	0.00013
-42.43	-127.28	0.00013	-49.50	-120.21	0.00013
-56.57	-113.14	0.00013	-63.64	-106.07	0.00013
-67.18	-102.53	0.00012	-70.71	-98.99	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00011	-74.25	-95.46	0.00011
-75.66	-94.05	0.00011	-77.07	-92.63	0.00011
-78.49	-91.22	0.00010	-91.22	-78.49	0.00009
-92.63	-77.07	0.00009	-94.05	-75.66	0.00008
-95.46	-74.25	0.00008	-96.87	-72.83	0.00008
-98.99	-70.71	0.00008	-102.53	-67.18	0.00008
-106.07	-63.64	0.00008	-113.14	-56.57	0.00008
-120.21	-49.50	0.00009	-127.28	-42.43	0.00008
-134.35	-35.36	0.00008	-141.42	-28.28	0.00008
-148.49	-21.21	0.00008	-155.56	-14.14	0.00008
-21.21	-162.63	0.00012	-28.28	-155.56	0.00012
-35.36	-148.49	0.00012	-42.43	-141.42	0.00012
-49.50	-134.35	0.00012	-56.57	-127.28	0.00012
-63.64	-120.21	0.00012	-70.71	-113.14	0.00012
-74.25	-109.60	0.00011	-77.78	-106.07	0.00011
-79.90	-103.94	0.00010	-81.32	-102.53	0.00010
-82.73	-101.12	0.00010	-84.15	-99.70	0.00010
-85.56	-98.29	0.00009	-98.29	-85.56	0.00008
-99.70	-84.15	0.00008	-101.12	-82.73	0.00008
-102.53	-81.32	0.00008	-103.94	-79.90	0.00008
-106.07	-77.78	0.00008	-109.60	-74.25	0.00008
-113.14	-70.71	0.00008	-120.21	-63.64	0.00008
-127.28	-56.57	0.00008	-134.35	-49.50	0.00008
-141.42	-42.43	0.00008	-148.49	-35.36	0.00007
-155.56	-28.28	0.00007	-162.63	-21.21	0.00007
-28.28	-169.71	0.00011	-35.36	-162.63	0.00011
-42.43	-155.56	0.00011	-49.50	-148.49	0.00011
-56.57	-141.42	0.00011	-63.64	-134.35	0.00011
-70.71	-127.28	0.00011	-77.78	-120.21	0.00011
-81.32	-116.67	0.00010	-84.85	-113.14	0.00010

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-105.36	-92.63	0.00007
-106.77	-91.22	0.00007	-108.19	-89.80	0.00007
-109.60	-88.39	0.00007	-111.02	-86.97	0.00007
-113.14	-84.85	0.00007	-116.67	-81.32	0.00007
-120.21	-77.78	0.00007	-127.28	-70.71	0.00007
-134.35	-63.64	0.00007	-141.42	-56.57	0.00007
-148.49	-49.50	0.00007	-155.56	-42.43	0.00007
-162.63	-35.36	0.00007	-169.71	-28.28	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00010	-42.43	-169.71	0.00010
-49.50	-162.63	0.00010	-56.57	-155.56	0.00010
-63.64	-148.49	0.00011	-70.71	-141.42	0.00011
-77.78	-134.35	0.00010	-84.85	-127.28	0.00010
-88.39	-123.74	0.00009	-91.92	-120.21	0.00009
-94.05	-118.09	0.00009	-95.46	-116.67	0.00009
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00007
-113.84	-98.29	0.00007	-115.26	-96.87	0.00007
-116.67	-95.46	0.00007	-118.09	-94.05	0.00007
-120.21	-91.92	0.00006	-123.74	-88.39	0.00006
-127.28	-84.85	0.00006	-134.35	-77.78	0.00007
-141.42	-70.71	0.00007	-148.49	-63.64	0.00007
-155.56	-56.57	0.00007	-162.63	-49.50	0.00007
-169.71	-42.43	0.00006	-176.78	-35.36	0.00006
-42.43	-183.85	0.00010	-49.50	-176.78	0.00010
-56.57	-169.71	0.00010	-63.64	-162.63	0.00010
-70.71	-155.56	0.00010	-77.78	-148.49	0.00010
-84.85	-141.42	0.00010	-91.92	-134.35	0.00009
-95.46	-130.81	0.00009	-98.99	-127.28	0.00008
-101.12	-125.16	0.00008	-102.53	-123.74	0.00008
-103.94	-122.33	0.00008	-105.36	-120.92	0.00008
-106.77	-119.50	0.00007	-119.50	-106.77	0.00006
-120.92	-105.36	0.00006	-122.33	-103.94	0.00006

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00006	-125.16	-101.12	0.00006
-127.28	-98.99	0.00006	-130.81	-95.46	0.00006
-134.35	-91.92	0.00006	-141.42	-84.85	0.00006
-148.49	-77.78	0.00006	-155.56	-70.71	0.00006
-162.63	-63.64	0.00006	-169.71	-56.57	0.00006
-176.78	-49.50	0.00006	-183.85	-42.43	0.00006
-49.50	-190.92	0.00009	-56.57	-183.85	0.00009
-63.64	-176.78	0.00009	-70.71	-169.71	0.00009
-77.78	-162.63	0.00009	-84.85	-155.56	0.00009
-91.92	-148.49	0.00009	-98.99	-141.42	0.00008
-102.53	-137.89	0.00008	-106.07	-134.35	0.00008
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00006
-127.99	-112.43	0.00006	-129.40	-111.02	0.00006
-130.81	-109.60	0.00006	-132.23	-108.19	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00006	-137.89	-102.53	0.00006
-141.42	-98.99	0.00006	-148.49	-91.92	0.00006
-155.56	-84.85	0.00006	-162.63	-77.78	0.00006
-169.71	-70.71	0.00006	-176.78	-63.64	0.00006
-183.85	-56.57	0.00006	-190.92	-49.50	0.00005
-56.57	-197.99	0.00008	-63.64	-190.92	0.00008
-70.71	-183.85	0.00008	-77.78	-176.78	0.00008
-84.85	-169.71	0.00009	-91.92	-162.63	0.00008
-98.99	-155.56	0.00008	-106.07	-148.49	0.00008
-109.60	-144.96	0.00007	-113.14	-141.42	0.00007
-115.26	-139.30	0.00007	-116.67	-137.89	0.00007
-118.09	-136.47	0.00007	-119.50	-135.06	0.00006
-120.92	-133.64	0.00006	-133.64	-120.92	0.00005
-135.06	-119.50	0.00005	-136.47	-118.09	0.00005
-137.89	-116.67	0.00005	-139.30	-115.26	0.00005
-141.42	-113.14	0.00005	-144.96	-109.60	0.00005
-148.49	-106.07	0.00005	-155.56	-98.99	0.00005
-162.63	-91.92	0.00005	-169.71	-84.85	0.00005

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00005	-183.85	-70.71	0.00005
-190.92	-63.64	0.00005	-197.99	-56.57	0.00005
-63.64	-205.06	0.00008	-70.71	-197.99	0.00008
-77.78	-190.92	0.00008	-84.85	-183.85	0.00008
-91.92	-176.78	0.00008	-98.99	-169.71	0.00008
-106.07	-162.63	0.00008	-113.14	-155.56	0.00007
-116.67	-152.03	0.00007	-120.21	-148.49	0.00007
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00005
-142.13	-126.57	0.00005	-143.54	-125.16	0.00005
-144.96	-123.74	0.00005	-146.37	-122.33	0.00005
-148.49	-120.21	0.00005	-152.03	-116.67	0.00005
-155.56	-113.14	0.00005	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00005	-190.92	-77.78	0.00005
-197.99	-70.71	0.00005	-205.06	-63.64	0.00005
-70.71	-212.13	0.00007	-77.78	-205.06	0.00007
-84.85	-197.99	0.00007	-91.92	-190.92	0.00007
-98.99	-183.85	0.00007	-106.07	-176.78	0.00007
-113.14	-169.71	0.00007	-120.21	-162.63	0.00007
-123.74	-159.10	0.00006	-127.28	-155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:52:42      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*MODELOPTs:  
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 CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):                      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00006	-130.81	-152.03	0.00006
-132.23	-150.61	0.00006	-133.64	-149.20	0.00006
-135.06	-147.79	0.00006	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00005	-183.85	-98.99	0.00005
-190.92	-91.92	0.00005	-197.99	-84.85	0.00005
-205.06	-77.78	0.00005	-212.13	-70.71	0.00005
-77.78	-219.20	0.00007	-84.85	-212.13	0.00007
-91.92	-205.06	0.00007	-98.99	-197.99	0.00007

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-190.92	0.00007	-113.14	-183.85	0.00007
-120.21	-176.78	0.00007	-127.28	-169.71	0.00006
-130.81	-166.17	0.00006	-134.35	-162.63	0.00006
-136.47	-160.51	0.00006	-137.89	-159.10	0.00005
-139.30	-157.68	0.00005	-140.71	-156.27	0.00005
-142.13	-154.86	0.00005	-154.86	-142.13	0.00005
-156.27	-140.71	0.00004	-157.68	-139.30	0.00004
-159.10	-137.89	0.00004	-160.51	-136.47	0.00004
-162.63	-134.35	0.00004	-166.17	-130.81	0.00004
-169.71	-127.28	0.00004	-176.78	-120.21	0.00004
-183.85	-113.14	0.00004	-190.92	-106.07	0.00004
-197.99	-98.99	0.00004	-205.06	-91.92	0.00004
-212.13	-84.85	0.00004	-219.20	-77.78	0.00004
-84.85	-226.27	0.00006	-91.92	-219.20	0.00007
-98.99	-212.13	0.00007	-106.07	-205.06	0.00007
-113.14	-197.99	0.00007	-120.21	-190.92	0.00006
-127.28	-183.85	0.00006	-134.35	-176.78	0.00006
-137.89	-173.24	0.00006	-141.42	-169.71	0.00005
-143.54	-167.58	0.00005	-144.96	-166.17	0.00005
-146.37	-164.76	0.00005	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00004
-163.34	-147.79	0.00004	-164.76	-146.37	0.00004
-166.17	-144.96	0.00004	-167.58	-143.54	0.00004
-169.71	-141.42	0.00004	-173.24	-137.89	0.00004
-176.78	-134.35	0.00004	-183.85	-127.28	0.00004
-190.92	-120.21	0.00004	-197.99	-113.14	0.00004
-205.06	-106.07	0.00004	-212.13	-98.99	0.00004
-219.20	-91.92	0.00004	-226.27	-84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00006	-98.99	-226.27	0.00006
-106.07	-219.20	0.00006	-113.14	-212.13	0.00006
-120.21	-205.06	0.00006	-127.28	-197.99	0.00006
-134.35	-190.92	0.00006	-141.42	-183.85	0.00005
-144.96	-180.31	0.00005	-148.49	-176.78	0.00005
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00004
-170.41	-154.86	0.00004	-171.83	-153.44	0.00004
-173.24	-152.03	0.00004	-174.66	-150.61	0.00004
-176.78	-148.49	0.00004	-180.31	-144.96	0.00004
-183.85	-141.42	0.00004	-190.92	-134.35	0.00004
-197.99	-127.28	0.00004	-205.06	-120.21	0.00004
-212.13	-113.14	0.00004	-219.20	-106.07	0.00004
-226.27	-98.99	0.00004	-233.35	-91.92	0.00004
-98.99	-240.42	0.00006	-106.07	-233.35	0.00006
-113.14	-226.27	0.00006	-120.21	-219.20	0.00006
-127.28	-212.13	0.00006	-134.35	-205.06	0.00006
-141.42	-197.99	0.00005	-148.49	-190.92	0.00005
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-159.10	-180.31	0.00005
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-176.07	-163.34	0.00004
-177.48	-161.93	0.00004	-178.90	-160.51	0.00004
-180.31	-159.10	0.00004	-181.73	-157.68	0.00004
-183.85	-155.56	0.00004	-187.38	-152.03	0.00004
-190.92	-148.49	0.00004	-197.99	-141.42	0.00004
-205.06	-134.35	0.00004	-212.13	-127.28	0.00004
-219.20	-120.21	0.00004	-226.27	-113.14	0.00004
-233.35	-106.07	0.00004	-240.42	-98.99	0.00004
-106.07	-247.49	0.00006	-113.14	-240.42	0.00006
-120.21	-233.35	0.00006	-127.28	-226.27	0.00006
-134.35	-219.20	0.00006	-141.42	-212.13	0.00005
-148.49	-205.06	0.00005	-155.56	-197.99	0.00005
-159.10	-194.45	0.00005	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-167.58	-185.97	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00004
-184.55	-169.00	0.00004	-185.97	-167.58	0.00004
-187.38	-166.17	0.00004	-188.80	-164.76	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003
-226.27	-127.28	0.00004	-233.35	-120.21	0.00004
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00132	240.42	113.14	0.00138
233.35	120.21	0.00144	226.27	127.28	0.00147
219.20	134.35	0.00147	212.13	141.42	0.00143
205.06	148.49	0.00131	197.99	155.56	0.00110
194.45	159.10	0.00096	190.92	162.63	0.00083
188.80	164.76	0.00074	187.38	166.17	0.00069
185.97	167.58	0.00065	184.55	169.00	0.00060
183.14	170.41	0.00056	170.41	183.14	0.00046
169.00	184.55	0.00045	167.58	185.97	0.00043
166.17	187.38	0.00042	164.76	188.80	0.00041
162.63	190.92	0.00039	159.10	194.45	0.00037
155.56	197.99	0.00035	148.49	205.06	0.00032
141.42	212.13	0.00030	134.35	219.20	0.00028
127.28	226.27	0.00026	120.21	233.35	0.00025
113.14	240.42	0.00023	106.07	247.49	0.00022
240.42	98.99	0.00158	233.35	106.07	0.00171
226.27	113.14	0.00183	219.20	120.21	0.00195
212.13	127.28	0.00204	205.06	134.35	0.00209
197.99	141.42	0.00206	190.92	148.49	0.00189
187.38	152.03	0.00173	183.85	155.56	0.00150
181.73	157.68	0.00134	180.31	159.10	0.00122
178.90	160.51	0.00111	177.48	161.93	0.00100
176.07	163.34	0.00090	163.34	176.07	0.00061
161.93	177.48	0.00059	160.51	178.90	0.00057
159.10	180.31	0.00055	157.68	181.73	0.00053
155.56	183.85	0.00051	152.03	187.38	0.00049
148.49	190.92	0.00047	141.42	197.99	0.00044
134.35	205.06	0.00041	127.28	212.13	0.00038
120.21	219.20	0.00035	113.14	226.27	0.00032



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00030	98.99	240.42	0.00027
233.35	91.92	0.00185	226.27	98.99	0.00203
219.20	106.07	0.00224	212.13	113.14	0.00246
205.06	120.21	0.00269	197.99	127.28	0.00291
190.92	134.35	0.00310	183.85	141.42	0.00318
180.31	144.96	0.00314	176.78	148.49	0.00300
174.66	150.61	0.00285	173.24	152.03	0.00271
171.83	153.44	0.00253	170.41	154.86	0.00232
169.00	156.27	0.00205	156.27	169.00	0.00086
154.86	170.41	0.00084	153.44	171.83	0.00083
152.03	173.24	0.00081	150.61	174.66	0.00080

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00078	144.96	180.31	0.00075
141.42	183.85	0.00072	134.35	190.92	0.00065
127.28	197.99	0.00058	120.21	205.06	0.00051
113.14	212.13	0.00046	106.07	219.20	0.00041
99.00	226.27	0.00037	91.92	233.35	0.00033
226.27	84.85	0.00207	219.20	91.92	0.00232
212.13	98.99	0.00260	205.06	106.07	0.00292
197.99	113.14	0.00327	190.92	120.21	0.00366
183.85	127.28	0.00407	176.78	134.35	0.00444
173.24	137.89	0.00459	169.71	141.42	0.00468
167.58	143.54	0.00469	166.17	144.96	0.00467
164.76	146.37	0.00465	163.34	147.79	0.00463
161.93	149.20	0.00460	149.20	161.93	0.00163
147.79	163.34	0.00154	146.37	164.76	0.00147
144.96	166.17	0.00141	143.54	167.58	0.00135
141.42	169.71	0.00128	137.89	173.24	0.00117
134.35	176.78	0.00107	127.28	183.85	0.00091
120.21	190.92	0.00077	113.14	197.99	0.00067
106.07	205.06	0.00058	99.00	212.13	0.00051
91.92	219.20	0.00045	84.85	226.27	0.00040
219.20	77.78	0.00223	212.13	84.85	0.00252
205.06	91.92	0.00286	197.99	98.99	0.00326
190.92	106.07	0.00370	183.85	113.14	0.00419

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00469	169.71	127.28	0.00514
166.17	130.81	0.00530	162.63	134.35	0.00537
160.51	136.47	0.00535	159.10	137.89	0.00531
157.68	139.30	0.00525	156.27	140.71	0.00518
154.86	142.13	0.00511	142.13	154.86	0.00199
140.71	156.27	0.00194	139.30	157.68	0.00188
137.89	159.10	0.00183	136.47	160.51	0.00178
134.35	162.63	0.00170	130.81	166.17	0.00156
127.28	169.71	0.00142	120.21	176.78	0.00118
113.14	183.85	0.00098	106.07	190.92	0.00083
99.00	197.99	0.00070	91.92	205.06	0.00061
84.85	212.13	0.00053	77.78	219.20	0.00046
212.13	70.71	0.00233	205.06	77.78	0.00265
197.99	84.85	0.00303	190.92	91.92	0.00347
183.85	98.99	0.00396	176.78	106.07	0.00450
169.71	113.14	0.00504	162.63	120.21	0.00548
159.10	123.74	0.00561	155.56	127.28	0.00566

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00563	152.03	130.81	0.00558
150.61	132.23	0.00550	149.20	133.64	0.00541
147.79	135.06	0.00533	135.06	147.79	0.00212
133.64	149.20	0.00208	132.23	150.61	0.00204
130.81	152.03	0.00201	129.40	153.44	0.00198
127.28	155.56	0.00192	123.74	159.10	0.00180
120.21	162.63	0.00167	113.14	169.71	0.00140
106.07	176.78	0.00116	98.99	183.85	0.00097
91.92	190.92	0.00082	84.85	197.99	0.00070
77.78	205.06	0.00060	70.71	212.13	0.00052
205.06	63.64	0.00235	197.99	70.71	0.00269
190.92	77.78	0.00309	183.85	84.85	0.00355
176.78	91.92	0.00408	169.71	98.99	0.00464
162.63	106.07	0.00520	155.56	113.14	0.00565
152.03	116.67	0.00578	148.49	120.21	0.00581
146.37	122.33	0.00577	144.96	123.74	0.00571
143.54	125.16	0.00564	142.13	126.57	0.00555



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00190	91.92	148.49	0.00168
84.85	155.56	0.00144	77.78	162.63	0.00123
70.71	169.71	0.00104	63.64	176.78	0.00088
56.57	183.85	0.00076	49.50	190.92	0.00065
183.85	42.43	0.00201	176.78	49.50	0.00229
169.71	56.57	0.00263	162.63	63.64	0.00304
155.56	70.71	0.00352	148.49	77.78	0.00408
141.42	84.85	0.00468	134.35	91.92	0.00526
130.81	95.46	0.00549	127.28	98.99	0.00562
125.16	101.12	0.00564	123.74	102.53	0.00562
122.33	103.94	0.00558	120.92	105.36	0.00552
119.50	106.77	0.00545	106.77	119.50	0.00217
105.36	120.92	0.00213	103.94	122.33	0.00211
102.53	123.74	0.00209	101.12	125.16	0.00207
98.99	127.28	0.00204	95.46	130.81	0.00197
91.92	134.35	0.00188	84.85	141.42	0.00166
77.78	148.49	0.00144	70.71	155.56	0.00123
63.64	162.63	0.00105	56.57	169.71	0.00089
49.50	176.78	0.00076	42.43	183.85	0.00066
176.78	35.36	0.00177	169.71	42.43	0.00201
162.63	49.50	0.00228	155.56	56.57	0.00262
148.49	63.64	0.00301	141.42	70.71	0.00347
134.35	77.78	0.00399	127.28	84.85	0.00453
123.74	88.39	0.00479	120.21	91.92	0.00501
118.09	94.05	0.00511	116.67	95.46	0.00516
115.26	96.87	0.00518	113.84	98.29	0.00518
112.43	99.70	0.00517	99.70	112.43	0.00205
98.29	113.84	0.00202	96.87	115.26	0.00201
95.46	116.67	0.00200	94.05	118.09	0.00198

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00196	88.39	123.74	0.00188
84.85	127.28	0.00179	77.78	134.35	0.00158
70.71	141.42	0.00137	63.64	148.49	0.00118
56.57	155.56	0.00101	49.50	162.63	0.00087
42.43	169.71	0.00075	35.36	176.78	0.00065



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00118	95.46	74.25	0.00115
94.05	75.66	0.00112	92.63	77.07	0.00109
91.22	78.49	0.00106	78.49	91.22	0.00069
77.07	92.63	0.00071	75.66	94.05	0.00073
74.25	95.46	0.00075	72.83	96.87	0.00077
70.71	98.99	0.00081	67.18	102.53	0.00086
63.64	106.07	0.00088	56.57	113.14	0.00088
49.50	120.21	0.00085	42.43	127.28	0.00079
35.36	134.35	0.00072	28.28	141.42	0.00066
21.21	148.49	0.00060	14.14	155.56	0.00054
148.49	7.07	0.00088	141.42	14.14	0.00093
134.35	21.21	0.00098	127.28	28.28	0.00101
120.21	35.36	0.00104	113.14	42.43	0.00104
106.07	49.50	0.00102	98.99	56.57	0.00098
95.46	60.10	0.00095	91.92	63.64	0.00092
89.80	65.76	0.00090	88.39	67.18	0.00089
86.97	68.59	0.00087	85.56	70.00	0.00085
84.15	71.42	0.00083	71.42	84.15	0.00055
70.00	85.56	0.00055	68.59	86.97	0.00056
67.18	88.39	0.00056	65.76	89.80	0.00057
63.64	91.92	0.00058	60.10	95.46	0.00061
56.57	98.99	0.00063	49.50	106.07	0.00066
42.43	113.14	0.00066	35.36	120.21	0.00064
28.28	127.28	0.00061	21.21	134.35	0.00057
14.14	141.42	0.00052	7.07	148.49	0.00048
141.42	0.00	0.00073	134.35	7.07	0.00076
127.28	14.14	0.00078	120.21	21.21	0.00080
113.14	28.28	0.00081	106.07	35.36	0.00081
98.99	42.43	0.00079	91.92	49.50	0.00076
88.39	53.03	0.00075	84.85	56.57	0.00073
82.73	58.69	0.00072	81.32	60.10	0.00072
79.90	61.52	0.00071	78.49	62.93	0.00069
77.07	64.35	0.00067	64.35	77.07	0.00045
62.93	78.49	0.00045	61.52	79.90	0.00046
60.10	81.32	0.00046	58.69	82.73	0.00046
56.57	84.85	0.00046	53.03	88.39	0.00046
49.50	91.92	0.00047	42.43	98.99	0.00050
35.36	106.07	0.00051	28.28	113.14	0.00051
21.21	120.21	0.00050	14.14	127.28	0.00048
7.07	134.35	0.00045	0.00	141.42	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00061	127.28	0.00	0.00062
120.21	7.07	0.00064	113.14	14.14	0.00065
106.07	21.21	0.00065	98.99	28.28	0.00065
91.92	35.36	0.00063	84.85	42.43	0.00062
81.32	45.96	0.00061	77.78	49.50	0.00060
75.66	51.62	0.00060	74.25	53.03	0.00059
72.83	54.45	0.00058	71.42	55.86	0.00057
70.00	57.28	0.00055	57.28	70.00	0.00038
55.86	71.42	0.00038	54.45	72.83	0.00038
53.03	74.25	0.00038	51.62	75.66	0.00038
49.50	77.78	0.00038	45.96	81.32	0.00038
42.43	84.85	0.00038	35.36	91.92	0.00039
28.28	98.99	0.00040	21.21	106.07	0.00041
14.14	113.14	0.00041	7.07	120.21	0.00040
0.00	127.28	0.00039	-7.07	134.35	0.00037
127.28	-14.14	0.00051	120.21	-7.07	0.00052
113.14	0.00	0.00053	106.07	7.07	0.00054
98.99	14.14	0.00054	91.92	21.21	0.00053
84.85	28.28	0.00052	77.78	35.36	0.00051
74.25	38.89	0.00051	70.71	42.43	0.00051
68.59	44.55	0.00050	67.18	45.96	0.00049
65.76	47.38	0.00048	64.35	48.79	0.00047
62.93	50.20	0.00045	50.20	62.93	0.00032
48.79	64.35	0.00032	47.38	65.76	0.00032
45.96	67.18	0.00032	44.55	68.59	0.00032
42.43	70.71	0.00032	38.89	74.25	0.00032
35.36	77.78	0.00032	28.28	84.85	0.00031
21.21	91.92	0.00032	14.14	98.99	0.00033
7.07	106.07	0.00033	0.00	113.14	0.00034
-7.07	120.21	0.00033	-14.14	127.28	0.00032
120.21	-21.21	0.00044	113.14	-14.14	0.00044
106.07	-7.07	0.00045	98.99	0.00	0.00045
91.92	7.07	0.00045	84.85	14.14	0.00044
77.78	21.21	0.00043	70.71	28.28	0.00043
67.18	31.82	0.00043	63.64	35.36	0.00043
61.52	37.48	0.00042	60.10	38.89	0.00041
58.69	40.31	0.00040	57.28	41.72	0.00039

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00037	43.13	55.86	0.00027
41.72	57.28	0.00027	40.31	58.69	0.00027
38.89	60.10	0.00027	37.48	61.52	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00027	31.82	67.18	0.00027
28.28	70.71	0.00027	21.21	77.78	0.00026
14.14	84.85	0.00026	7.07	91.92	0.00027
0.00	98.99	0.00027	-7.07	106.07	0.00028
-14.14	113.14	0.00028	-21.21	120.21	0.00028
113.14	-28.28	0.00038	106.07	-21.21	0.00038
98.99	-14.14	0.00038	91.92	-7.07	0.00038
84.85	0.00	0.00038	77.78	7.07	0.00037
70.71	14.14	0.00037	63.64	21.21	0.00037
60.10	24.75	0.00037	56.57	28.28	0.00036
54.45	30.41	0.00036	53.03	31.82	0.00035
51.62	33.23	0.00034	50.20	34.65	0.00033
48.79	36.06	0.00032	36.06	48.79	0.00023
34.65	50.20	0.00023	33.23	51.62	0.00023
31.82	53.03	0.00023	30.41	54.45	0.00023
28.28	56.57	0.00023	24.75	60.10	0.00024
21.21	63.64	0.00023	14.14	70.71	0.00023
7.07	77.78	0.00022	0.00	84.85	0.00022
-7.07	91.92	0.00023	-14.14	98.99	0.00023
-21.21	106.07	0.00023	-28.28	113.14	0.00024
106.07	-35.36	0.00033	98.99	-28.28	0.00033
91.92	-21.21	0.00033	84.85	-14.14	0.00033
77.78	-7.07	0.00032	70.71	0.00	0.00032
63.64	7.07	0.00032	56.57	14.14	0.00032
53.03	17.68	0.00032	49.50	21.21	0.00031
47.38	23.33	0.00030	45.96	24.75	0.00030
44.55	26.16	0.00029	43.13	27.58	0.00028
41.72	28.99	0.00027	28.99	41.72	0.00020
27.58	43.13	0.00020	26.16	44.55	0.00020
24.75	45.96	0.00020	23.33	47.38	0.00020
21.21	49.50	0.00020	17.68	53.03	0.00020



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00020	7.07	63.64	0.00020
0.00	70.71	0.00019	-7.07	77.78	0.00019
-14.14	84.85	0.00019	-21.21	91.92	0.00020
-28.28	98.99	0.00020	-35.36	106.07	0.00020
98.99	-42.43	0.00029	91.92	-35.36	0.00029
84.85	-28.28	0.00028	77.78	-21.21	0.00028
70.71	-14.14	0.00028	63.64	-7.07	0.00028
56.57	0.00	0.00028	49.50	7.07	0.00028
45.96	10.61	0.00028	42.43	14.14	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00026	38.89	17.68	0.00026
37.48	19.09	0.00025	36.06	20.51	0.00024
34.65	21.92	0.00023	21.92	34.65	0.00018
20.51	36.06	0.00018	19.09	37.48	0.00018
17.68	38.89	0.00017	16.26	40.31	0.00018
14.14	42.43	0.00018	10.61	45.96	0.00018
7.07	49.50	0.00018	0.00	56.57	0.00018
-7.07	63.64	0.00017	-14.14	70.71	0.00017
-21.21	77.78	0.00017	-28.28	84.85	0.00017
-35.36	91.92	0.00017	-42.43	98.99	0.00017
91.92	-49.50	0.00025	84.85	-42.43	0.00025
77.78	-35.36	0.00025	70.71	-28.28	0.00025
63.64	-21.21	0.00025	56.57	-14.14	0.00025
49.50	-7.07	0.00025	42.43	0.00	0.00025
38.89	3.54	0.00024	35.36	7.07	0.00024
33.23	9.19	0.00023	31.82	10.61	0.00022
30.41	12.02	0.00022	28.99	13.44	0.00021
27.58	14.85	0.00020	14.85	27.58	0.00016
13.44	28.99	0.00016	12.02	30.41	0.00015
10.61	31.82	0.00015	9.19	33.23	0.00015
7.07	35.36	0.00015	3.54	38.89	0.00016
0.00	42.43	0.00016	-7.07	49.50	0.00016
-14.14	56.57	0.00015	-21.21	63.64	0.00015
-28.28	70.71	0.00014	-35.36	77.78	0.00014
-42.43	84.85	0.00015	-49.50	91.92	0.00015

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00022	77.78	-49.50	0.00022
70.71	-42.43	0.00022	63.64	-35.36	0.00022
56.57	-28.28	0.00022	49.50	-21.21	0.00022
42.43	-14.14	0.00022	35.36	-7.07	0.00022
31.82	-3.54	0.00022	28.28	0.00	0.00021
26.16	2.12	0.00020	24.75	3.54	0.00020
23.33	4.95	0.00019	21.92	6.36	0.00018
20.51	7.78	0.00018	7.78	20.51	0.00014
6.36	21.92	0.00014	4.95	23.33	0.00014
3.54	24.75	0.00014	2.12	26.16	0.00014
0.00	28.28	0.00014	-3.54	31.82	0.00014
-7.07	35.36	0.00014	-14.14	42.43	0.00014
-21.21	49.50	0.00014	-28.28	56.57	0.00013
-35.36	63.64	0.00013	-42.43	70.71	0.00013
-49.50	77.78	0.00013	-56.57	84.85	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00020	70.71	-56.57	0.00020
63.64	-49.50	0.00020	56.57	-42.43	0.00020
49.50	-35.36	0.00020	42.43	-28.28	0.00020
35.36	-21.21	0.00020	28.28	-14.14	0.00020
24.75	-10.61	0.00019	21.21	-7.07	0.00018
19.09	-4.95	0.00018	17.68	-3.54	0.00017
16.26	-2.12	0.00017	14.85	-0.71	0.00016
13.44	0.71	0.00016	0.71	13.44	0.00013
-0.71	14.85	0.00012	-2.12	16.26	0.00012
-3.54	17.68	0.00012	-4.95	19.09	0.00012
-7.07	21.21	0.00012	-10.61	24.75	0.00012
-14.14	28.28	0.00012	-21.21	35.36	0.00013
-28.28	42.43	0.00012	-35.36	49.50	0.00012
-42.43	56.57	0.00012	-49.50	63.64	0.00011
-56.57	70.71	0.00011	-63.64	77.78	0.00011
70.71	-70.71	0.00018	63.64	-63.64	0.00018
56.57	-56.57	0.00018	49.50	-49.50	0.00018
42.43	-42.43	0.00018	35.36	-35.36	0.00018
28.28	-28.28	0.00018	21.21	-21.21	0.00018

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00017	14.14	-14.14	0.00016
12.02	-12.02	0.00016	10.61	-10.61	0.00015
9.19	-9.19	0.00015	7.78	-7.78	0.00014
6.36	-6.36	0.00014	-6.36	6.36	0.00011
-7.78	7.78	0.00011	-9.19	9.19	0.00011
-10.61	10.61	0.00011	-12.02	12.02	0.00011
-14.14	14.14	0.00011	-17.68	17.68	0.00011
-21.21	21.21	0.00011	-28.28	28.28	0.00011
-35.36	35.36	0.00011	-42.43	42.43	0.00011
-49.50	49.50	0.00011	-56.57	56.57	0.00010
-63.64	63.64	0.00010	-70.71	70.71	0.00010
63.64	-77.78	0.00016	56.57	-70.71	0.00016
49.50	-63.64	0.00016	42.43	-56.57	0.00016
35.36	-49.50	0.00016	28.28	-42.43	0.00016
21.21	-35.36	0.00016	14.14	-28.28	0.00016
10.61	-24.75	0.00015	7.07	-21.21	0.00015
4.95	-19.09	0.00014	3.54	-17.68	0.00014
2.12	-16.26	0.00013	0.71	-14.85	0.00013
-0.71	-13.44	0.00013	-13.44	-0.71	0.00010
-14.85	0.71	0.00010	-16.26	2.12	0.00010
-17.68	3.54	0.00010	-19.09	4.95	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00010	-24.75	10.61	0.00010
-28.28	14.14	0.00010	-35.36	21.21	0.00010
-42.43	28.28	0.00010	-49.50	35.36	0.00010
-56.57	42.43	0.00010	-63.64	49.50	0.00009
-70.71	56.57	0.00009	-77.78	63.64	0.00009
56.57	-84.85	0.00014	49.50	-77.78	0.00014
42.43	-70.71	0.00014	35.36	-63.64	0.00014
28.28	-56.57	0.00015	21.21	-49.50	0.00015
14.14	-42.43	0.00015	7.07	-35.36	0.00014
3.54	-31.82	0.00014	0.00	-28.28	0.00013
-2.12	-26.16	0.00013	-3.54	-24.75	0.00012
-4.95	-23.33	0.00012	-6.36	-21.92	0.00012
-7.78	-20.51	0.00011	-20.51	-7.78	0.00009

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00009	-23.33	-4.95	0.00009
-24.75	-3.54	0.00009	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00009
-49.50	21.21	0.00009	-56.57	28.28	0.00009
-63.64	35.36	0.00009	-70.71	42.43	0.00009
-77.78	49.50	0.00008	-84.85	56.57	0.00008
49.50	-91.92	0.00013	42.43	-84.85	0.00013
35.36	-77.78	0.00013	28.28	-70.71	0.00013
21.21	-63.64	0.00013	14.14	-56.57	0.00013
7.07	-49.50	0.00013	0.00	-42.43	0.00013
-3.54	-38.89	0.00012	-7.07	-35.36	0.00012
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00011	-13.44	-28.99	0.00011
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00009	-63.64	21.21	0.00008
-70.71	28.28	0.00008	-77.78	35.36	0.00008
-84.85	42.43	0.00008	-91.92	49.50	0.00008
42.43	-98.99	0.00012	35.36	-91.92	0.00012
28.28	-84.85	0.00012	21.21	-77.78	0.00012
14.14	-70.71	0.00012	7.07	-63.64	0.00012
0.00	-56.57	0.00012	-7.07	-49.50	0.00012
-10.61	-45.96	0.00011	-14.14	-42.43	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00009	-34.65	-21.92	0.00008
-36.06	-20.51	0.00008	-37.48	-19.09	0.00008
-38.89	-17.68	0.00008	-40.31	-16.26	0.00008
-42.43	-14.14	0.00008	-45.96	-10.61	0.00008
-49.50	-7.07	0.00008	-56.57	0.00	0.00008

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00008	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00007
35.36	-106.07	0.00011	28.28	-98.99	0.00011
21.21	-91.92	0.00011	14.14	-84.85	0.00011
7.07	-77.78	0.00011	0.00	-70.71	0.00011
-7.07	-63.64	0.00011	-14.14	-56.57	0.00011
-17.68	-53.03	0.00010	-21.21	-49.50	0.00010
-23.33	-47.38	0.00009	-24.75	-45.96	0.00009
-26.16	-44.55	0.00009	-27.58	-43.13	0.00009
-28.99	-41.72	0.00009	-41.72	-28.99	0.00007
-43.13	-27.58	0.00007	-44.55	-26.16	0.00007
-45.96	-24.75	0.00007	-47.38	-23.33	0.00007
-49.50	-21.21	0.00007	-53.03	-17.68	0.00007
-56.57	-14.14	0.00007	-63.64	-7.07	0.00007
-70.71	0.00	0.00007	-77.78	7.07	0.00007
-84.85	14.14	0.00007	-91.92	21.21	0.00007
-98.99	28.28	0.00007	-106.07	35.36	0.00007
28.28	-113.14	0.00010	21.21	-106.07	0.00010
14.14	-98.99	0.00010	7.07	-91.92	0.00010
0.00	-84.85	0.00011	-7.07	-77.78	0.00011
-14.14	-70.71	0.00010	-21.21	-63.64	0.00010
-24.75	-60.10	0.00009	-28.28	-56.57	0.00009
-30.41	-54.45	0.00009	-31.82	-53.03	0.00009
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00007
-50.20	-34.65	0.00007	-51.62	-33.23	0.00007
-53.03	-31.82	0.00007	-54.45	-30.41	0.00007
-56.57	-28.28	0.00006	-60.10	-24.75	0.00006
-63.64	-21.21	0.00006	-70.71	-14.14	0.00007
-77.78	-7.07	0.00007	-84.85	0.00	0.00007
-91.92	7.07	0.00007	-98.99	14.14	0.00007
-106.07	21.21	0.00006	-113.14	28.28	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00010	14.14	-113.14	0.00010

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00010	0.00	-98.99	0.00010
-7.07	-91.92	0.00010	-14.14	-84.85	0.00010
-21.21	-77.78	0.00010	-28.28	-70.71	0.00009
-31.82	-67.18	0.00009	-35.36	-63.64	0.00008
-37.48	-61.52	0.00008	-38.89	-60.10	0.00008
-40.31	-58.69	0.00008	-41.72	-57.28	0.00008
-43.13	-55.86	0.00007	-55.86	-43.13	0.00006
-57.28	-41.72	0.00006	-58.69	-40.31	0.00006
-60.10	-38.89	0.00006	-61.52	-37.48	0.00006
-63.64	-35.36	0.00006	-67.18	-31.82	0.00006
-70.71	-28.28	0.00006	-77.78	-21.21	0.00006
-84.85	-14.14	0.00006	-91.92	-7.07	0.00006
-98.99	0.00	0.00006	-106.07	7.07	0.00006
-113.14	14.14	0.00006	-120.21	21.21	0.00006
14.14	-127.28	0.00009	7.07	-120.21	0.00009
0.00	-113.14	0.00009	-7.07	-106.07	0.00009
-14.14	-98.99	0.00009	-21.21	-91.92	0.00009
-28.28	-84.85	0.00009	-35.36	-77.78	0.00008
-38.89	-74.25	0.00008	-42.43	-70.71	0.00008
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00006
-64.35	-48.79	0.00006	-65.76	-47.38	0.00006
-67.18	-45.96	0.00006	-68.59	-44.55	0.00006
-70.71	-42.43	0.00006	-74.25	-38.89	0.00006
-77.78	-35.36	0.00006	-84.85	-28.28	0.00006
-91.92	-21.21	0.00006	-98.99	-14.14	0.00006
-106.07	-7.07	0.00006	-113.14	0.00	0.00006
-120.21	7.07	0.00006	-127.28	14.14	0.00005
7.07	-134.35	0.00008	0.00	-127.28	0.00008
-7.07	-120.21	0.00008	-14.14	-113.14	0.00008
-21.21	-106.07	0.00009	-28.28	-98.99	0.00008
-35.36	-91.92	0.00008	-42.43	-84.85	0.00008
-45.96	-81.32	0.00007	-49.50	-77.78	0.00007
-51.62	-75.66	0.00007	-53.03	-74.25	0.00007
-54.45	-72.83	0.00007	-55.86	-71.42	0.00006
-57.28	-70.00	0.00006	-70.00	-57.28	0.00005
-71.42	-55.86	0.00005	-72.83	-54.45	0.00005
-74.25	-53.03	0.00005	-75.66	-51.62	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00005	-81.32	-45.96	0.00005
-84.85	-42.43	0.00005	-91.92	-35.36	0.00005
-98.99	-28.28	0.00005	-106.07	-21.21	0.00005
-113.14	-14.14	0.00005	-120.21	-7.07	0.00005
-127.28	0.00	0.00005	-134.35	7.07	0.00005
0.00	-141.42	0.00008	-7.07	-134.35	0.00008
-14.14	-127.28	0.00008	-21.21	-120.21	0.00008
-28.28	-113.14	0.00008	-35.36	-106.07	0.00008
-42.43	-98.99	0.00008	-49.50	-91.92	0.00007
-53.03	-88.39	0.00007	-56.57	-84.85	0.00007
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00005
-78.49	-62.93	0.00005	-79.90	-61.52	0.00005
-81.32	-60.10	0.00005	-82.73	-58.69	0.00005
-84.85	-56.57	0.00005	-88.39	-53.03	0.00005
-91.92	-49.50	0.00005	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00005	-127.28	-14.14	0.00005
-134.35	-7.07	0.00005	-141.42	0.00	0.00005
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00007	-28.28	-127.28	0.00007
-35.36	-120.21	0.00007	-42.43	-113.14	0.00007
-49.50	-106.07	0.00007	-56.57	-98.99	0.00007
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00005	-120.21	-35.36	0.00005
-127.28	-28.28	0.00005	-134.35	-21.21	0.00005
-141.42	-14.14	0.00005	-148.49	-7.07	0.00005
-14.14	-155.56	0.00007	-21.21	-148.49	0.00007
-28.28	-141.42	0.00007	-35.36	-134.35	0.00007
-42.43	-127.28	0.00007	-49.50	-120.21	0.00007
-56.57	-113.14	0.00007	-63.64	-106.07	0.00006

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18      -102.53      0.00006      -70.71      -98.99      0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00006	-74.25	-95.46	0.00005
-75.66	-94.05	0.00005	-77.07	-92.63	0.00005
-78.49	-91.22	0.00005	-91.22	-78.49	0.00005
-92.63	-77.07	0.00004	-94.05	-75.66	0.00004
-95.46	-74.25	0.00004	-96.87	-72.83	0.00004
-98.99	-70.71	0.00004	-102.53	-67.18	0.00004
-106.07	-63.64	0.00004	-113.14	-56.57	0.00004
-120.21	-49.50	0.00004	-127.28	-42.43	0.00004
-134.35	-35.36	0.00004	-141.42	-28.28	0.00004
-148.49	-21.21	0.00004	-155.56	-14.14	0.00004
-21.21	-162.63	0.00006	-28.28	-155.56	0.00007
-35.36	-148.49	0.00007	-42.43	-141.42	0.00007
-49.50	-134.35	0.00007	-56.57	-127.28	0.00006
-63.64	-120.21	0.00006	-70.71	-113.14	0.00006
-74.25	-109.60	0.00006	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00004
-99.70	-84.15	0.00004	-101.12	-82.73	0.00004
-102.53	-81.32	0.00004	-103.94	-79.90	0.00004
-106.07	-77.78	0.00004	-109.60	-74.25	0.00004
-113.14	-70.71	0.00004	-120.21	-63.64	0.00004
-127.28	-56.57	0.00004	-134.35	-49.50	0.00004
-141.42	-42.43	0.00004	-148.49	-35.36	0.00004
-155.56	-28.28	0.00004	-162.63	-21.21	0.00004
-28.28	-169.71	0.00006	-35.36	-162.63	0.00006
-42.43	-155.56	0.00006	-49.50	-148.49	0.00006
-56.57	-141.42	0.00006	-63.64	-134.35	0.00006
-70.71	-127.28	0.00006	-77.78	-120.21	0.00005
-81.32	-116.67	0.00005	-84.85	-113.14	0.00005
-86.97	-111.02	0.00005	-88.39	-109.60	0.00005
-89.80	-108.19	0.00005	-91.22	-106.77	0.00005
-92.63	-105.36	0.00005	-105.36	-92.63	0.00004



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00004	-108.19	-89.80	0.00004
-109.60	-88.39	0.00004	-111.02	-86.97	0.00004
-113.14	-84.85	0.00004	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00004
-162.63	-35.36	0.00004	-169.71	-28.28	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00006	-42.43	-169.71	0.00006
-49.50	-162.63	0.00006	-56.57	-155.56	0.00006
-63.64	-148.49	0.00006	-70.71	-141.42	0.00006
-77.78	-134.35	0.00005	-84.85	-127.28	0.00005
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00005
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00004
-155.56	-56.57	0.00004	-162.63	-49.50	0.00004
-169.71	-42.43	0.00004	-176.78	-35.36	0.00004
-42.43	-183.85	0.00006	-49.50	-176.78	0.00006
-56.57	-169.71	0.00006	-63.64	-162.63	0.00006
-70.71	-155.56	0.00006	-77.78	-148.49	0.00005
-84.85	-141.42	0.00005	-91.92	-134.35	0.00005
-95.46	-130.81	0.00005	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00003
-127.28	-98.99	0.00003	-130.81	-95.46	0.00003
-134.35	-91.92	0.00003	-141.42	-84.85	0.00003



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00005	-84.85	-183.85	0.00005
-91.92	-176.78	0.00005	-98.99	-169.71	0.00005
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00003	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00003
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00003
-70.71	-212.13	0.00005	-77.78	-205.06	0.00005
-84.85	-197.99	0.00005	-91.92	-190.92	0.00005
-98.99	-183.85	0.00004	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00004	-127.28	-169.71	0.00004
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00004	-120.21	-190.92	0.00004
-127.28	-183.85	0.00004	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :            NCRA\_S5 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-106.07	-219.20	0.00004	-113.14	-212.13	0.00004
-120.21	-205.06	0.00004	-127.28	-197.99	0.00004
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00002	-180.31	-144.96	0.00002
-183.85	-141.42	0.00002	-190.92	-134.35	0.00002
-197.99	-127.28	0.00002	-205.06	-120.21	0.00002
-212.13	-113.14	0.00002	-219.20	-106.07	0.00002
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00004	-106.07	-233.35	0.00004
-113.14	-226.27	0.00004	-120.21	-219.20	0.00004
-127.28	-212.13	0.00004	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00002
-177.48	-161.93	0.00002	-178.90	-160.51	0.00002
-180.31	-159.10	0.00002	-181.73	-157.68	0.00002
-183.85	-155.56	0.00002	-187.38	-152.03	0.00002
-190.92	-148.49	0.00002	-197.99	-141.42	0.00002
-205.06	-134.35	0.00002	-212.13	-127.28	0.00002
-219.20	-120.21	0.00002	-226.27	-113.14	0.00002
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00004	-113.14	-240.42	0.00004
-120.21	-233.35	0.00004	-127.28	-226.27	0.00004
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00002
-184.55	-169.00	0.00002	-185.97	-167.58	0.00002
-187.38	-166.17	0.00002	-188.80	-164.76	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):              NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00002	-194.45	-159.10	0.00002
-197.99	-155.56	0.00002	-205.06	-148.49	0.00002
-212.13	-141.42	0.00002	-219.20	-134.35	0.00002



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00298	197.99	127.28	0.00318
190.92	134.35	0.00334	183.85	141.42	0.00340
180.31	144.96	0.00335	176.78	148.49	0.00320
174.66	150.61	0.00304	173.24	152.03	0.00290
171.83	153.44	0.00272	170.41	154.86	0.00250
169.00	156.27	0.00224	156.27	169.00	0.00106
154.86	170.41	0.00104	153.44	171.83	0.00102
152.03	173.24	0.00101	150.61	174.66	0.00100

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00098	144.96	180.31	0.00094
141.42	183.85	0.00091	134.35	190.92	0.00082
127.28	197.99	0.00075	120.21	205.06	0.00068
113.14	212.13	0.00061	106.07	219.20	0.00056
99.00	226.27	0.00051	91.92	233.35	0.00047
226.27	84.85	0.00255	219.20	91.92	0.00277
212.13	98.99	0.00302	205.06	106.07	0.00330
197.99	113.14	0.00362	190.92	120.21	0.00398
183.85	127.28	0.00436	176.78	134.35	0.00470
173.24	137.89	0.00484	169.71	141.42	0.00491
167.58	143.54	0.00491	166.17	144.96	0.00489
164.76	146.37	0.00487	163.34	147.79	0.00484
161.93	149.20	0.00481	149.20	161.93	0.00185
147.79	163.34	0.00176	146.37	164.76	0.00169
144.96	166.17	0.00163	143.54	167.58	0.00157
141.42	169.71	0.00150	137.89	173.24	0.00139
134.35	176.78	0.00128	127.28	183.85	0.00111
120.21	190.92	0.00096	113.14	197.99	0.00084
106.07	205.06	0.00075	99.00	212.13	0.00067
91.92	219.20	0.00060	84.85	226.27	0.00055
219.20	77.78	0.00281	212.13	84.85	0.00307
205.06	91.92	0.00338	197.99	98.99	0.00372
190.92	106.07	0.00412	183.85	113.14	0.00457
176.78	120.21	0.00504	169.71	127.28	0.00545
166.17	130.81	0.00559	162.63	134.35	0.00565
160.51	136.47	0.00562	159.10	137.89	0.00557

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00550	156.27	140.71	0.00543
154.86	142.13	0.00536	142.13	154.86	0.00224
140.71	156.27	0.00218	139.30	157.68	0.00213
137.89	159.10	0.00208	136.47	160.51	0.00203
134.35	162.63	0.00195	130.81	166.17	0.00180
127.28	169.71	0.00165	120.21	176.78	0.00140
113.14	183.85	0.00119	106.07	190.92	0.00102
99.00	197.99	0.00089	91.92	205.06	0.00078
84.85	212.13	0.00070	77.78	219.20	0.00062
212.13	70.71	0.00304	205.06	77.78	0.00333
197.99	84.85	0.00366	190.92	91.92	0.00405
183.85	98.99	0.00450	176.78	106.07	0.00498
169.71	113.14	0.00546	162.63	120.21	0.00585
159.10	123.74	0.00596	155.56	127.28	0.00599

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00594	152.03	130.81	0.00588
150.61	132.23	0.00579	149.20	133.64	0.00570
147.79	135.06	0.00561	135.06	147.79	0.00241
133.64	149.20	0.00236	132.23	150.61	0.00233
130.81	152.03	0.00230	129.40	153.44	0.00226
127.28	155.56	0.00220	123.74	159.10	0.00207
120.21	162.63	0.00193	113.14	169.71	0.00164
106.07	176.78	0.00140	98.99	183.85	0.00119
91.92	190.92	0.00103	84.85	197.99	0.00090
77.78	205.06	0.00079	70.71	212.13	0.00071
205.06	63.64	0.00322	197.99	70.71	0.00354
190.92	77.78	0.00389	183.85	84.85	0.00430
176.78	91.92	0.00476	169.71	98.99	0.00525
162.63	106.07	0.00573	155.56	113.14	0.00611
152.03	116.67	0.00621	148.49	120.21	0.00620
146.37	122.33	0.00614	144.96	123.74	0.00608
143.54	125.16	0.00600	142.13	126.57	0.00589
140.71	127.99	0.00580	127.99	140.71	0.00253
126.57	142.13	0.00248	125.16	143.54	0.00245
123.74	144.96	0.00242	122.33	146.37	0.00239



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00234	116.67	152.03	0.00224
113.14	155.56	0.00211	106.07	162.63	0.00183
98.99	169.71	0.00157	91.92	176.78	0.00134
84.85	183.85	0.00116	77.78	190.92	0.00101
70.71	197.99	0.00089	63.64	205.06	0.00079
197.99	56.57	0.00338	190.92	63.64	0.00370
183.85	70.71	0.00407	176.78	77.78	0.00449
169.71	84.85	0.00495	162.63	91.92	0.00544
155.56	98.99	0.00592	148.49	106.07	0.00629
144.96	109.60	0.00638	141.42	113.14	0.00637
139.30	115.26	0.00630	137.89	116.67	0.00623
136.47	118.09	0.00615	135.06	119.50	0.00605
133.64	120.92	0.00595	120.92	133.64	0.00263
119.50	135.06	0.00258	118.09	136.47	0.00255
116.67	137.89	0.00252	115.26	139.30	0.00249
113.14	141.42	0.00244	109.60	144.96	0.00234
106.07	148.49	0.00223	98.99	155.56	0.00196
91.92	162.63	0.00170	84.85	169.71	0.00146
77.78	176.78	0.00127	70.71	183.85	0.00110
63.64	190.92	0.00097	56.57	197.99	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00350	183.85	56.57	0.00383
176.78	63.64	0.00420	169.71	70.71	0.00463
162.63	77.78	0.00509	155.56	84.85	0.00559
148.49	91.92	0.00606	141.42	98.99	0.00642
137.89	102.53	0.00651	134.35	106.07	0.00649
132.23	108.19	0.00643	130.81	109.60	0.00635
129.40	111.02	0.00627	127.99	112.43	0.00616
126.57	113.84	0.00606	113.84	126.57	0.00270
112.43	127.99	0.00266	111.02	129.40	0.00262
109.60	130.81	0.00259	108.19	132.23	0.00256
106.07	134.35	0.00251	102.53	137.89	0.00242
98.99	141.42	0.00231	91.92	148.49	0.00205
84.85	155.56	0.00180	77.78	162.63	0.00156
70.71	169.71	0.00136	63.64	176.78	0.00119

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00104	49.50	190.92	0.00092
183.85	42.43	0.00360	176.78	49.50	0.00393
169.71	56.57	0.00431	162.63	63.64	0.00473
155.56	70.71	0.00520	148.49	77.78	0.00570
141.42	84.85	0.00617	134.35	91.92	0.00652
130.81	95.46	0.00661	127.28	98.99	0.00659
125.16	101.12	0.00653	123.74	102.53	0.00646
122.33	103.94	0.00637	120.92	105.36	0.00626
119.50	106.77	0.00615	106.77	119.50	0.00277
105.36	120.92	0.00272	103.94	122.33	0.00269
102.53	123.74	0.00266	101.12	125.16	0.00263
98.99	127.28	0.00258	95.46	130.81	0.00248
91.92	134.35	0.00237	84.85	141.42	0.00212
77.78	148.49	0.00187	70.71	155.56	0.00164
63.64	162.63	0.00143	56.57	169.71	0.00126
49.50	176.78	0.00111	42.43	183.85	0.00098
176.78	35.36	0.00368	169.71	42.43	0.00402
162.63	49.50	0.00440	155.56	56.57	0.00482
148.49	63.64	0.00530	141.42	70.71	0.00579
134.35	77.78	0.00625	127.28	84.85	0.00661
123.74	88.39	0.00669	120.21	91.92	0.00668
118.09	94.05	0.00661	116.67	95.46	0.00654
115.26	96.87	0.00645	113.84	98.29	0.00634
112.43	99.70	0.00623	99.70	112.43	0.00282
98.29	113.84	0.00277	96.87	115.26	0.00274
95.46	116.67	0.00271	94.05	118.09	0.00268

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00263	88.39	123.74	0.00253
84.85	127.28	0.00241	77.78	134.35	0.00217
70.71	141.42	0.00192	63.64	148.49	0.00169
56.57	155.56	0.00149	49.50	162.63	0.00131
42.43	169.71	0.00116	35.36	176.78	0.00103
169.71	28.28	0.00375	162.63	35.36	0.00408
155.56	42.43	0.00447	148.49	49.50	0.00490
141.42	56.57	0.00537	134.35	63.64	0.00586

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00632	120.21	77.78	0.00667
116.67	81.32	0.00676	113.14	84.85	0.00675
111.02	86.97	0.00669	109.60	88.39	0.00661
108.19	89.80	0.00652	106.77	91.22	0.00641
105.36	92.63	0.00629	92.63	105.36	0.00286
91.22	106.77	0.00281	89.80	108.19	0.00278
88.39	109.60	0.00275	86.97	111.02	0.00272
84.85	113.14	0.00267	81.32	116.67	0.00257
77.78	120.21	0.00246	70.71	127.28	0.00221
63.64	134.35	0.00196	56.57	141.42	0.00174
49.50	148.49	0.00153	42.43	155.56	0.00136
35.36	162.63	0.00121	28.28	169.71	0.00108
162.63	21.21	0.00380	155.56	28.28	0.00414
148.49	35.36	0.00453	141.42	42.43	0.00496
134.35	49.50	0.00543	127.28	56.57	0.00592
120.21	63.64	0.00638	113.14	70.71	0.00673
109.60	74.25	0.00682	106.07	77.78	0.00680
103.94	79.90	0.00673	102.53	81.32	0.00666
101.12	82.73	0.00657	99.70	84.15	0.00648
98.29	85.56	0.00637	85.56	98.29	0.00290
84.15	99.70	0.00285	82.73	101.12	0.00282
81.32	102.53	0.00279	79.90	103.94	0.00276
77.78	106.07	0.00271	74.25	109.60	0.00261
70.71	113.14	0.00249	63.64	120.21	0.00224
56.57	127.28	0.00199	49.50	134.35	0.00177
42.43	141.42	0.00157	35.36	148.49	0.00140
28.28	155.56	0.00125	21.21	162.63	0.00112
155.56	14.14	0.00385	148.49	21.21	0.00419
141.42	28.28	0.00458	134.35	35.36	0.00501
127.28	42.43	0.00548	120.21	49.50	0.00596
113.14	56.57	0.00643	106.07	63.64	0.00677
102.53	67.18	0.00686	98.99	70.71	0.00685

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00679	95.46	74.25	0.00671
94.05	75.66	0.00661	92.63	77.07	0.00651

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00640	78.49	91.22	0.00292
77.07	92.63	0.00288	75.66	94.05	0.00284
74.25	95.46	0.00282	72.83	96.87	0.00279
70.71	98.99	0.00274	67.18	102.53	0.00264
63.64	106.07	0.00252	56.57	113.14	0.00227
49.50	120.21	0.00202	42.43	127.28	0.00180
35.36	134.35	0.00160	28.28	141.42	0.00143
21.21	148.49	0.00128	14.14	155.56	0.00115
148.49	7.07	0.00389	141.42	14.14	0.00424
134.35	21.21	0.00462	127.28	28.28	0.00505
120.21	35.36	0.00552	113.14	42.43	0.00600
106.07	49.50	0.00647	98.99	56.57	0.00682
95.46	60.10	0.00690	91.92	63.64	0.00689
89.80	65.76	0.00683	88.39	67.18	0.00675
86.97	68.59	0.00665	85.56	70.00	0.00654
84.15	71.42	0.00643	71.42	84.15	0.00294
70.00	85.56	0.00290	68.59	86.97	0.00287
67.18	88.39	0.00284	65.76	89.80	0.00281
63.64	91.92	0.00276	60.10	95.46	0.00266
56.57	98.99	0.00255	49.50	106.07	0.00229
42.43	113.14	0.00204	35.36	120.21	0.00182
28.28	127.28	0.00162	21.21	134.35	0.00145
14.14	141.42	0.00130	7.07	148.49	0.00117
141.42	0.00	0.00393	134.35	7.07	0.00427
127.28	14.14	0.00466	120.21	21.21	0.00508
113.14	28.28	0.00555	106.07	35.36	0.00604
98.99	42.43	0.00650	91.92	49.50	0.00686
88.39	53.03	0.00694	84.85	56.57	0.00692
82.73	58.69	0.00685	81.32	60.10	0.00678
79.90	61.52	0.00669	78.49	62.93	0.00657
77.07	64.35	0.00645	64.35	77.07	0.00297
62.93	78.49	0.00292	61.52	79.90	0.00289
60.10	81.32	0.00286	58.69	82.73	0.00283
56.57	84.85	0.00278	53.03	88.39	0.00268
49.50	91.92	0.00257	42.43	98.99	0.00231
35.36	106.07	0.00206	28.28	113.14	0.00184
21.21	120.21	0.00164	14.14	127.28	0.00147
7.07	134.35	0.00132	0.00	141.42	0.00120

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00396	127.28	0.00	0.00430
120.21	7.07	0.00469	113.14	14.14	0.00511
106.07	21.21	0.00558	98.99	28.28	0.00607
91.92	35.36	0.00654	84.85	42.43	0.00689
81.32	45.96	0.00697	77.78	49.50	0.00695
75.66	51.62	0.00688	74.25	53.03	0.00681
72.83	54.45	0.00671	71.42	55.86	0.00659
70.00	57.28	0.00648	57.28	70.00	0.00299
55.86	71.42	0.00294	54.45	72.83	0.00291
53.03	74.25	0.00288	51.62	75.66	0.00285
49.50	77.78	0.00280	45.96	81.32	0.00270
42.43	84.85	0.00259	35.36	91.92	0.00233
28.28	98.99	0.00208	21.21	106.07	0.00186
14.14	113.14	0.00166	7.07	120.21	0.00149
0.00	127.28	0.00134	-7.07	134.35	0.00121
127.28	-14.14	0.00398	120.21	-7.07	0.00433
113.14	0.00	0.00471	106.07	7.07	0.00514
98.99	14.14	0.00561	91.92	21.21	0.00610
84.85	28.28	0.00656	77.78	35.36	0.00691
74.25	38.89	0.00700	70.71	42.43	0.00698
68.59	44.55	0.00691	67.18	45.96	0.00683
65.76	47.38	0.00673	64.35	48.79	0.00661
62.93	50.20	0.00649	50.20	62.93	0.00300
48.79	64.35	0.00296	47.38	65.76	0.00292
45.96	67.18	0.00289	44.55	68.59	0.00287
42.43	70.71	0.00282	38.89	74.25	0.00272
35.36	77.78	0.00260	28.28	84.85	0.00235
21.21	91.92	0.00210	14.14	98.99	0.00187
7.07	106.07	0.00167	0.00	113.14	0.00150
-7.07	120.21	0.00136	-14.14	127.28	0.00123
120.21	-21.21	0.00401	113.14	-14.14	0.00435
106.07	-7.07	0.00473	98.99	0.00	0.00516
91.92	7.07	0.00563	84.85	14.14	0.00612
77.78	21.21	0.00659	70.71	28.28	0.00694
67.18	31.82	0.00702	63.64	35.36	0.00700
61.52	37.48	0.00693	60.10	38.89	0.00685
58.69	40.31	0.00675	57.28	41.72	0.00663
55.86	43.13	0.00651	43.13	55.86	0.00302
41.72	57.28	0.00297	40.31	58.69	0.00294
38.89	60.10	0.00291	37.48	61.52	0.00288

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00283	31.82	67.18	0.00273
28.28	70.71	0.00262	21.21	77.78	0.00236
14.14	84.85	0.00211	7.07	91.92	0.00188
0.00	98.99	0.00168	-7.07	106.07	0.00151
-14.14	113.14	0.00137	-21.21	120.21	0.00124
113.14	-28.28	0.00403	106.07	-21.21	0.00437
98.99	-14.14	0.00475	91.92	-7.07	0.00518
84.85	0.00	0.00565	77.78	7.07	0.00614
70.71	14.14	0.00660	63.64	21.21	0.00696
60.10	24.75	0.00704	56.57	28.28	0.00702
54.45	30.41	0.00695	53.03	31.82	0.00687
51.62	33.23	0.00677	50.20	34.65	0.00665
48.79	36.06	0.00652	36.06	48.79	0.00303
34.65	50.20	0.00298	33.23	51.62	0.00295
31.82	53.03	0.00292	30.41	54.45	0.00289
28.28	56.57	0.00284	24.75	60.10	0.00274
21.21	63.64	0.00263	14.14	70.71	0.00237
7.07	77.78	0.00212	0.00	84.85	0.00189
-7.07	91.92	0.00170	-14.14	98.99	0.00153
-21.21	106.07	0.00138	-28.28	113.14	0.00125
106.07	-35.36	0.00404	98.99	-28.28	0.00438
91.92	-21.21	0.00477	84.85	-14.14	0.00520
77.78	-7.07	0.00566	70.71	0.00	0.00615
63.64	7.07	0.00662	56.57	14.14	0.00697
53.03	17.68	0.00706	49.50	21.21	0.00704
47.38	23.33	0.00697	45.96	24.75	0.00689
44.55	26.16	0.00679	43.13	27.58	0.00667
41.72	28.99	0.00654	28.99	41.72	0.00304
27.58	43.13	0.00299	26.16	44.55	0.00296
24.75	45.96	0.00293	23.33	47.38	0.00290
21.21	49.50	0.00285	17.68	53.03	0.00275
14.14	56.57	0.00264	7.07	63.64	0.00238
0.00	70.71	0.00213	-7.07	77.78	0.00190
-14.14	84.85	0.00170	-21.21	91.92	0.00153

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00139	-35.36	106.07	0.00126
98.99	-42.43	0.00405	91.92	-35.36	0.00440
84.85	-28.28	0.00478	77.78	-21.21	0.00521
70.71	-14.14	0.00568	63.64	-7.07	0.00617
56.57	0.00	0.00664	49.50	7.07	0.00699
45.96	10.61	0.00707	42.43	14.14	0.00705

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00698	38.89	17.68	0.00689
37.48	19.09	0.00679	36.06	20.51	0.00670
34.65	21.92	0.00658	21.92	34.65	0.00305
20.51	36.06	0.00300	19.09	37.48	0.00297
17.68	38.89	0.00294	16.26	40.31	0.00291
14.14	42.43	0.00286	10.61	45.96	0.00276
7.07	49.50	0.00264	0.00	56.57	0.00239
-7.07	63.64	0.00214	-14.14	70.71	0.00191
-21.21	77.78	0.00171	-28.28	84.85	0.00154
-35.36	91.92	0.00140	-42.43	98.99	0.00127
91.92	-49.50	0.00407	84.85	-42.43	0.00441
77.78	-35.36	0.00479	70.71	-28.28	0.00522
63.64	-21.21	0.00569	56.57	-14.14	0.00618
49.50	-7.07	0.00665	42.43	0.00	0.00700
38.89	3.54	0.00708	35.36	7.07	0.00707
33.23	9.19	0.00699	31.82	10.61	0.00691
30.41	12.02	0.00680	28.99	13.44	0.00669
27.58	14.85	0.00658	14.85	27.58	0.00305
13.44	28.99	0.00301	12.02	30.41	0.00297
10.61	31.82	0.00295	9.19	33.23	0.00292
7.07	35.36	0.00287	3.54	38.89	0.00277
0.00	42.43	0.00265	-7.07	49.50	0.00240
-14.14	56.57	0.00215	-21.21	63.64	0.00192
-28.28	70.71	0.00172	-35.36	77.78	0.00155
-42.43	84.85	0.00140	-49.50	91.92	0.00128
84.85	-56.57	0.00407	77.78	-49.50	0.00442
70.71	-42.43	0.00480	63.64	-35.36	0.00523
56.57	-28.28	0.00570	49.50	-21.21	0.00619

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00666	35.36	-7.07	0.00701
31.82	-3.54	0.00709	28.28	0.00	0.00707
26.16	2.12	0.00700	24.75	3.54	0.00692
23.33	4.95	0.00681	21.92	6.36	0.00670
20.51	7.78	0.00658	7.78	20.51	0.00306
6.36	21.92	0.00301	4.95	23.33	0.00298
3.54	24.75	0.00295	2.12	26.16	0.00292
0.00	28.28	0.00287	-3.54	31.82	0.00277
-7.07	35.36	0.00266	-14.14	42.43	0.00240
-21.21	49.50	0.00215	-28.28	56.57	0.00193
-35.36	63.64	0.00173	-42.43	70.71	0.00156
-49.50	77.78	0.00141	-56.57	84.85	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00408	70.71	-56.57	0.00443
63.64	-49.50	0.00481	56.57	-42.43	0.00524
49.50	-35.36	0.00571	42.43	-28.28	0.00620
35.36	-21.21	0.00667	28.28	-14.14	0.00702
24.75	-10.61	0.00710	21.21	-7.07	0.00708
19.09	-4.95	0.00700	17.68	-3.54	0.00693
16.26	-2.12	0.00683	14.85	-0.71	0.00670
13.44	0.71	0.00659	0.71	13.44	0.00306
-0.71	14.85	0.00302	-2.12	16.26	0.00298
-3.54	17.68	0.00295	-4.95	19.09	0.00293
-7.07	21.21	0.00288	-10.61	24.75	0.00278
-14.14	28.28	0.00266	-21.21	35.36	0.00241
-28.28	42.43	0.00216	-35.36	49.50	0.00193
-42.43	56.57	0.00173	-49.50	63.64	0.00156
-56.57	70.71	0.00141	-63.64	77.78	0.00129
70.71	-70.71	0.00409	63.64	-63.64	0.00443
56.57	-56.57	0.00482	49.50	-49.50	0.00525
42.43	-42.43	0.00572	35.36	-35.36	0.00621
28.28	-28.28	0.00668	21.21	-21.21	0.00703
17.68	-17.68	0.00711	14.14	-14.14	0.00709
12.02	-12.02	0.00701	10.61	-10.61	0.00693
9.19	-9.19	0.00683	7.78	-7.78	0.00671



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00659	-6.36	6.36	0.00307
-7.78	7.78	0.00302	-9.19	9.19	0.00299
-10.61	10.61	0.00296	-12.02	12.02	0.00293
-14.14	14.14	0.00288	-17.68	17.68	0.00278
-21.21	21.21	0.00267	-28.28	28.28	0.00241
-35.36	35.36	0.00216	-42.43	42.43	0.00194
-49.50	49.50	0.00174	-56.57	56.57	0.00156
-63.64	63.64	0.00142	-70.71	70.71	0.00129
63.64	-77.78	0.00409	56.57	-70.71	0.00443
49.50	-63.64	0.00482	42.43	-56.57	0.00525
35.36	-49.50	0.00572	28.28	-42.43	0.00622
21.21	-35.36	0.00669	14.14	-28.28	0.00704
10.61	-24.75	0.00712	7.07	-21.21	0.00709
4.95	-19.09	0.00702	3.54	-17.68	0.00693
2.12	-16.26	0.00683	0.71	-14.85	0.00671
-0.71	-13.44	0.00658	-13.44	-0.71	0.00307
-14.85	0.71	0.00302	-16.26	2.12	0.00299
-17.68	3.54	0.00296	-19.09	4.95	0.00293

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00288	-24.75	10.61	0.00278
-28.28	14.14	0.00267	-35.36	21.21	0.00242
-42.43	28.28	0.00217	-49.50	35.36	0.00194
-56.57	42.43	0.00174	-63.64	49.50	0.00157
-70.71	56.57	0.00142	-77.78	63.64	0.00129
56.57	-84.85	0.00409	49.50	-77.78	0.00444
42.43	-70.71	0.00482	35.36	-63.64	0.00526
28.28	-56.57	0.00573	21.21	-49.50	0.00622
14.14	-42.43	0.00669	7.07	-35.36	0.00704
3.54	-31.82	0.00712	0.00	-28.28	0.00710
-2.12	-26.16	0.00702	-3.54	-24.75	0.00694
-4.95	-23.33	0.00684	-6.36	-21.92	0.00671
-7.78	-20.51	0.00659	-20.51	-7.78	0.00308
-21.92	-6.36	0.00303	-23.33	-4.95	0.00299
-24.75	-3.54	0.00296	-26.16	-2.12	0.00293
-28.28	0.00	0.00288	-31.82	3.54	0.00278

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00267	-42.43	14.14	0.00242
-49.50	21.21	0.00217	-56.57	28.28	0.00194
-63.64	35.36	0.00174	-70.71	42.43	0.00157
-77.78	49.50	0.00142	-84.85	56.57	0.00130
49.50	-91.92	0.00409	42.43	-84.85	0.00444
35.36	-77.78	0.00482	28.28	-70.71	0.00526
21.21	-63.64	0.00573	14.14	-56.57	0.00622
7.07	-49.50	0.00669	0.00	-42.43	0.00705
-3.54	-38.89	0.00713	-7.07	-35.36	0.00710
-9.19	-33.23	0.00702	-10.61	-31.82	0.00694
-12.02	-30.41	0.00684	-13.44	-28.99	0.00672
-14.85	-27.58	0.00659	-27.58	-14.85	0.00308
-28.99	-13.44	0.00303	-30.41	-12.02	0.00299
-31.82	-10.61	0.00296	-33.23	-9.19	0.00293
-35.36	-7.07	0.00289	-38.89	-3.54	0.00279
-42.43	0.00	0.00267	-49.50	7.07	0.00242
-56.57	14.14	0.00217	-63.64	21.21	0.00194
-70.71	28.28	0.00174	-77.78	35.36	0.00157
-84.85	42.43	0.00142	-91.92	49.50	0.00130
42.43	-98.99	0.00409	35.36	-91.92	0.00444
28.28	-84.85	0.00482	21.21	-77.78	0.00526
14.14	-70.71	0.00573	7.07	-63.64	0.00622
0.00	-56.57	0.00669	-7.07	-49.50	0.00705
-10.61	-45.96	0.00713	-14.14	-42.43	0.00711

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00703	-17.68	-38.89	0.00695
-19.09	-37.48	0.00685	-20.51	-36.06	0.00673
-21.92	-34.65	0.00659	-34.65	-21.92	0.00308
-36.06	-20.51	0.00303	-37.48	-19.09	0.00299
-38.89	-17.68	0.00296	-40.31	-16.26	0.00293
-42.43	-14.14	0.00289	-45.96	-10.61	0.00279
-49.50	-7.07	0.00267	-56.57	0.00	0.00242
-63.64	7.07	0.00217	-70.71	14.14	0.00194
-77.78	21.21	0.00175	-84.85	28.28	0.00157
-91.92	35.36	0.00143	-98.99	42.43	0.00130

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00409	28.28	-98.99	0.00443
21.21	-91.92	0.00482	14.14	-84.85	0.00525
7.07	-77.78	0.00573	0.00	-70.71	0.00622
-7.07	-63.64	0.00669	-14.14	-56.57	0.00704
-17.68	-53.03	0.00713	-21.21	-49.50	0.00711
-23.33	-47.38	0.00702	-24.75	-45.96	0.00694
-26.16	-44.55	0.00684	-27.58	-43.13	0.00674
-28.99	-41.72	0.00662	-41.72	-28.99	0.00308
-43.13	-27.58	0.00303	-44.55	-26.16	0.00299
-45.96	-24.75	0.00296	-47.38	-23.33	0.00293
-49.50	-21.21	0.00288	-53.03	-17.68	0.00278
-56.57	-14.14	0.00267	-63.64	-7.07	0.00242
-70.71	0.00	0.00217	-77.78	7.07	0.00194
-84.85	14.14	0.00175	-91.92	21.21	0.00157
-98.99	28.28	0.00143	-106.07	35.36	0.00130
28.28	-113.14	0.00408	21.21	-106.07	0.00443
14.14	-98.99	0.00482	7.07	-91.92	0.00525
0.00	-84.85	0.00573	-7.07	-77.78	0.00622
-14.14	-70.71	0.00669	-21.21	-63.64	0.00704
-24.75	-60.10	0.00712	-28.28	-56.57	0.00711
-30.41	-54.45	0.00703	-31.82	-53.03	0.00694
-33.23	-51.62	0.00684	-34.65	-50.20	0.00673
-36.06	-48.79	0.00661	-48.79	-36.06	0.00307
-50.20	-34.65	0.00302	-51.62	-33.23	0.00299
-53.03	-31.82	0.00296	-54.45	-30.41	0.00293
-56.57	-28.28	0.00288	-60.10	-24.75	0.00278
-63.64	-21.21	0.00266	-70.71	-14.14	0.00241
-77.78	-7.07	0.00217	-84.85	0.00	0.00194
-91.92	7.07	0.00174	-98.99	14.14	0.00157
-106.07	21.21	0.00143	-113.14	28.28	0.00130

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00407	14.14	-113.14	0.00442
7.07	-106.07	0.00481	0.00	-98.99	0.00524
-7.07	-91.92	0.00572	-14.14	-84.85	0.00622
-21.21	-77.78	0.00669	-28.28	-70.71	0.00704

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00712	-35.36	-63.64	0.00710
-37.48	-61.52	0.00703	-38.89	-60.10	0.00695
-40.31	-58.69	0.00684	-41.72	-57.28	0.00672
-43.13	-55.86	0.00660	-55.86	-43.13	0.00306
-57.28	-41.72	0.00302	-58.69	-40.31	0.00298
-60.10	-38.89	0.00295	-61.52	-37.48	0.00293
-63.64	-35.36	0.00288	-67.18	-31.82	0.00278
-70.71	-28.28	0.00266	-77.78	-21.21	0.00241
-84.85	-14.14	0.00216	-91.92	-7.07	0.00194
-98.99	0.00	0.00174	-106.07	7.07	0.00157
-113.14	14.14	0.00142	-120.21	21.21	0.00130
14.14	-127.28	0.00405	7.07	-120.21	0.00440
0.00	-113.14	0.00480	-7.07	-106.07	0.00523
-14.14	-98.99	0.00571	-21.21	-91.92	0.00621
-28.28	-84.85	0.00668	-35.36	-77.78	0.00704
-38.89	-74.25	0.00712	-42.43	-70.71	0.00709
-44.55	-68.59	0.00702	-45.96	-67.18	0.00694
-47.38	-65.76	0.00684	-48.79	-64.35	0.00671
-50.20	-62.93	0.00659	-62.93	-50.20	0.00306
-64.35	-48.79	0.00301	-65.76	-47.38	0.00298
-67.18	-45.96	0.00295	-68.59	-44.55	0.00292
-70.71	-42.43	0.00287	-74.25	-38.89	0.00277
-77.78	-35.36	0.00266	-84.85	-28.28	0.00241
-91.92	-21.21	0.00216	-98.99	-14.14	0.00194
-106.07	-7.07	0.00174	-113.14	0.00	0.00157
-120.21	7.07	0.00142	-127.28	14.14	0.00129
7.07	-134.35	0.00403	0.00	-127.28	0.00439
-7.07	-120.21	0.00478	-14.14	-113.14	0.00522
-21.21	-106.07	0.00570	-28.28	-98.99	0.00620
-35.36	-91.92	0.00667	-42.43	-84.85	0.00703
-45.96	-81.32	0.00711	-49.50	-77.78	0.00709
-51.62	-75.66	0.00701	-53.03	-74.25	0.00693
-54.45	-72.83	0.00683	-55.86	-71.42	0.00671
-57.28	-70.00	0.00658	-70.00	-57.28	0.00305
-71.42	-55.86	0.00301	-72.83	-54.45	0.00297
-74.25	-53.03	0.00294	-75.66	-51.62	0.00291

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 136  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00286	-81.32	-45.96	0.00276
-84.85	-42.43	0.00265	-91.92	-35.36	0.00240
-98.99	-28.28	0.00215	-106.07	-21.21	0.00193
-113.14	-14.14	0.00173	-120.21	-7.07	0.00156
-127.28	0.00	0.00142	-134.35	7.07	0.00129
0.00	-141.42	0.00401	-7.07	-134.35	0.00436
-14.14	-127.28	0.00476	-21.21	-120.21	0.00520
-28.28	-113.14	0.00568	-35.36	-106.07	0.00618
-42.43	-98.99	0.00666	-49.50	-91.92	0.00702
-53.03	-88.39	0.00710	-56.57	-84.85	0.00708
-58.69	-82.73	0.00700	-60.10	-81.32	0.00692
-61.52	-79.90	0.00682	-62.93	-78.49	0.00670
-64.35	-77.07	0.00657	-77.07	-64.35	0.00305
-78.49	-62.93	0.00300	-79.90	-61.52	0.00296
-81.32	-60.10	0.00293	-82.73	-58.69	0.00290
-84.85	-56.57	0.00285	-88.39	-53.03	0.00275
-91.92	-49.50	0.00264	-98.99	-42.43	0.00239
-106.07	-35.36	0.00215	-113.14	-28.28	0.00192
-120.21	-21.21	0.00173	-127.28	-14.14	0.00156
-134.35	-7.07	0.00141	-141.42	0.00	0.00129
-7.07	-148.49	0.00398	-14.14	-141.42	0.00433
-21.21	-134.35	0.00473	-28.28	-127.28	0.00518
-35.36	-120.21	0.00566	-42.43	-113.14	0.00617
-49.50	-106.07	0.00665	-56.57	-98.99	0.00700
-60.10	-95.46	0.00709	-63.64	-91.92	0.00707
-65.76	-89.80	0.00699	-67.18	-88.39	0.00691
-68.59	-86.97	0.00681	-70.00	-85.56	0.00668
-71.42	-84.15	0.00656	-84.15	-71.42	0.00304
-85.56	-70.00	0.00299	-86.97	-68.59	0.00295
-88.39	-67.18	0.00292	-89.80	-65.76	0.00289
-91.92	-63.64	0.00284	-95.46	-60.10	0.00274
-98.99	-56.57	0.00263	-106.07	-49.50	0.00238
-113.14	-42.43	0.00214	-120.21	-35.36	0.00192
-127.28	-28.28	0.00172	-134.35	-21.21	0.00155
-141.42	-14.14	0.00141	-148.49	-7.07	0.00128
-14.14	-155.56	0.00393	-21.21	-148.49	0.00429
-28.28	-141.42	0.00470	-35.36	-134.35	0.00515
-42.43	-127.28	0.00563	-49.50	-120.21	0.00614
-56.57	-113.14	0.00662	-63.64	-106.07	0.00698
-67.18	-102.53	0.00707	-70.71	-98.99	0.00705

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00698	-74.25	-95.46	0.00690
-75.66	-94.05	0.00679	-77.07	-92.63	0.00667
-78.49	-91.22	0.00654	-91.22	-78.49	0.00302
-92.63	-77.07	0.00297	-94.05	-75.66	0.00294
-95.46	-74.25	0.00291	-96.87	-72.83	0.00288
-98.99	-70.71	0.00283	-102.53	-67.18	0.00273
-106.07	-63.64	0.00262	-113.14	-56.57	0.00237
-120.21	-49.50	0.00213	-127.28	-42.43	0.00191
-134.35	-35.36	0.00171	-141.42	-28.28	0.00155
-148.49	-21.21	0.00140	-155.56	-14.14	0.00128
-21.21	-162.63	0.00388	-28.28	-155.56	0.00424
-35.36	-148.49	0.00465	-42.43	-141.42	0.00511
-49.50	-134.35	0.00560	-56.57	-127.28	0.00611
-63.64	-120.21	0.00659	-70.71	-113.14	0.00696
-74.25	-109.60	0.00705	-77.78	-106.07	0.00703
-79.90	-103.94	0.00696	-81.32	-102.53	0.00688
-82.73	-101.12	0.00678	-84.15	-99.70	0.00666
-85.56	-98.29	0.00653	-98.29	-85.56	0.00301
-99.70	-84.15	0.00296	-101.12	-82.73	0.00292
-102.53	-81.32	0.00289	-103.94	-79.90	0.00286
-106.07	-77.78	0.00281	-109.60	-74.25	0.00271
-113.14	-70.71	0.00260	-120.21	-63.64	0.00236
-127.28	-56.57	0.00212	-134.35	-49.50	0.00190
-141.42	-42.43	0.00170	-148.49	-35.36	0.00154
-155.56	-28.28	0.00139	-162.63	-21.21	0.00127
-28.28	-169.71	0.00380	-35.36	-162.63	0.00417
-42.43	-155.56	0.00459	-49.50	-148.49	0.00505
-56.57	-141.42	0.00555	-63.64	-134.35	0.00606
-70.71	-127.28	0.00655	-77.78	-120.21	0.00692
-81.32	-116.67	0.00702	-84.85	-113.14	0.00700
-86.97	-111.02	0.00693	-88.39	-109.60	0.00685
-89.80	-108.19	0.00675	-91.22	-106.77	0.00665
-92.63	-105.36	0.00653	-105.36	-92.63	0.00298
-106.77	-91.22	0.00293	-108.19	-89.80	0.00290
-109.60	-88.39	0.00287	-111.02	-86.97	0.00284
-113.14	-84.85	0.00279	-116.67	-81.32	0.00270

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00258	-127.28	-70.71	0.00234
-134.35	-63.64	0.00210	-141.42	-56.57	0.00188
-148.49	-49.50	0.00169	-155.56	-42.43	0.00152
-162.63	-35.36	0.00138	-169.71	-28.28	0.00126

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00370	-42.43	-169.71	0.00408
-49.50	-162.63	0.00450	-56.57	-155.56	0.00497
-63.64	-148.49	0.00548	-70.71	-141.42	0.00600
-77.78	-134.35	0.00650	-84.85	-127.28	0.00688
-88.39	-123.74	0.00697	-91.92	-120.21	0.00697
-94.05	-118.09	0.00690	-95.46	-116.67	0.00682
-96.87	-115.26	0.00672	-98.29	-113.84	0.00661
-99.70	-112.43	0.00650	-112.43	-99.70	0.00295
-113.84	-98.29	0.00290	-115.26	-96.87	0.00287
-116.67	-95.46	0.00284	-118.09	-94.05	0.00281
-120.21	-91.92	0.00276	-123.74	-88.39	0.00267
-127.28	-84.85	0.00256	-134.35	-77.78	0.00232
-141.42	-70.71	0.00208	-148.49	-63.64	0.00187
-155.56	-56.57	0.00168	-162.63	-49.50	0.00151
-169.71	-42.43	0.00137	-176.78	-35.36	0.00125
-42.43	-183.85	0.00358	-49.50	-176.78	0.00395
-56.57	-169.71	0.00438	-63.64	-162.63	0.00485
-70.71	-155.56	0.00538	-77.78	-148.49	0.00592
-84.85	-141.42	0.00643	-91.92	-134.35	0.00682
-95.46	-130.81	0.00691	-98.99	-127.28	0.00692
-101.12	-125.16	0.00685	-102.53	-123.74	0.00678
-103.94	-122.33	0.00668	-105.36	-120.92	0.00656
-106.77	-119.50	0.00645	-119.50	-106.77	0.00291
-120.92	-105.36	0.00286	-122.33	-103.94	0.00283
-123.74	-102.53	0.00280	-125.16	-101.12	0.00278
-127.28	-98.99	0.00273	-130.81	-95.46	0.00264
-134.35	-91.92	0.00253	-141.42	-84.85	0.00230
-148.49	-77.78	0.00206	-155.56	-70.71	0.00184
-162.63	-63.64	0.00166	-169.71	-56.57	0.00149
-176.78	-49.50	0.00135	-183.85	-42.43	0.00123

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00342	-56.57	-183.85	0.00379
-63.64	-176.78	0.00421	-70.71	-169.71	0.00469
-77.78	-162.63	0.00523	-84.85	-155.56	0.00579
-91.92	-148.49	0.00632	-98.99	-141.42	0.00673
-102.53	-137.89	0.00684	-106.07	-134.35	0.00684
-108.19	-132.23	0.00678	-109.60	-130.81	0.00672
-111.02	-129.40	0.00662	-112.43	-127.99	0.00651
-113.84	-126.57	0.00640	-126.57	-113.84	0.00287
-127.99	-112.43	0.00282	-129.40	-111.02	0.00279
-130.81	-109.60	0.00276	-132.23	-108.19	0.00273

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:  
PAGE 139

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00269	-137.89	-102.53	0.00260
-141.42	-98.99	0.00250	-148.49	-91.92	0.00226
-155.56	-84.85	0.00203	-162.63	-77.78	0.00182
-169.71	-70.71	0.00163	-176.78	-63.64	0.00147
-183.85	-56.57	0.00133	-190.92	-49.50	0.00121
-56.57	-197.99	0.00323	-63.64	-190.92	0.00358
-70.71	-183.85	0.00399	-77.78	-176.78	0.00446
-84.85	-169.71	0.00500	-91.92	-162.63	0.00558
-98.99	-155.56	0.00615	-106.07	-148.49	0.00660
-109.60	-144.96	0.00673	-113.14	-141.42	0.00674
-115.26	-139.30	0.00669	-116.67	-137.89	0.00662
-118.09	-136.47	0.00654	-119.50	-135.06	0.00643
-120.92	-133.64	0.00632	-133.64	-120.92	0.00280
-135.06	-119.50	0.00276	-136.47	-118.09	0.00273
-137.89	-116.67	0.00270	-139.30	-115.26	0.00268
-141.42	-113.14	0.00264	-144.96	-109.60	0.00255
-148.49	-106.07	0.00245	-155.56	-98.99	0.00222
-162.63	-91.92	0.00200	-169.71	-84.85	0.00178
-176.78	-77.78	0.00160	-183.85	-70.71	0.00144
-190.92	-63.64	0.00130	-197.99	-56.57	0.00118
-63.64	-205.06	0.00299	-70.71	-197.99	0.00332
-77.78	-190.92	0.00371	-84.85	-183.85	0.00416
-91.92	-176.78	0.00468	-98.99	-169.71	0.00526
-106.07	-162.63	0.00587	-113.14	-155.56	0.00637



13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00653	-120.21	-148.49	0.00658
-122.33	-146.37	0.00654	-123.74	-144.96	0.00649
-125.16	-143.54	0.00641	-126.57	-142.13	0.00631
-127.99	-140.71	0.00620	-140.71	-127.99	0.00272
-142.13	-126.57	0.00268	-143.54	-125.16	0.00265
-144.96	-123.74	0.00263	-146.37	-122.33	0.00261
-148.49	-120.21	0.00257	-152.03	-116.67	0.00249
-155.56	-113.14	0.00239	-162.63	-106.07	0.00217
-169.71	-98.99	0.00194	-176.78	-91.92	0.00174
-183.85	-84.85	0.00155	-190.92	-77.78	0.00139
-197.99	-70.71	0.00126	-205.06	-63.64	0.00114
-70.71	-212.13	0.00271	-77.78	-205.06	0.00300
-84.85	-197.99	0.00334	-91.92	-190.92	0.00375
-98.99	-183.85	0.00423	-106.07	-176.78	0.00478
-113.14	-169.71	0.00537	-120.21	-162.63	0.00594
-123.74	-159.10	0.00616	-127.28	-155.56	0.00628

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:52:42

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00628	-130.81	-152.03	0.00625
-132.23	-150.61	0.00619	-133.64	-149.20	0.00611
-135.06	-147.79	0.00603	-147.79	-135.06	0.00261
-149.20	-133.64	0.00257	-150.61	-132.23	0.00255
-152.03	-130.81	0.00253	-153.44	-129.40	0.00251
-155.56	-127.28	0.00248	-159.10	-123.74	0.00241
-162.63	-120.21	0.00231	-169.71	-113.14	0.00209
-176.78	-106.07	0.00187	-183.85	-98.99	0.00166
-190.92	-91.92	0.00149	-197.99	-84.85	0.00133
-205.06	-77.78	0.00120	-212.13	-70.71	0.00109
-77.78	-219.20	0.00239	-84.85	-212.13	0.00263
-91.92	-205.06	0.00291	-98.99	-197.99	0.00325
-106.07	-190.92	0.00364	-113.14	-183.85	0.00409
-120.21	-176.78	0.00460	-127.28	-169.71	0.00513
-130.81	-166.17	0.00538	-134.35	-162.63	0.00559
-136.47	-160.51	0.00567	-137.89	-159.10	0.00571
-139.30	-157.68	0.00572	-140.71	-156.27	0.00570
-142.13	-154.86	0.00567	-154.86	-142.13	0.00244

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00241	-157.68	-139.30	0.00240
-159.10	-137.89	0.00238	-160.51	-136.47	0.00237
-162.63	-134.35	0.00234	-166.17	-130.81	0.00227
-169.71	-127.28	0.00218	-176.78	-120.21	0.00196
-183.85	-113.14	0.00175	-190.92	-106.07	0.00156
-197.99	-98.99	0.00139	-205.06	-91.92	0.00125
-212.13	-84.85	0.00113	-219.20	-77.78	0.00103
-84.85	-226.27	0.00207	-91.92	-219.20	0.00225
-98.99	-212.13	0.00245	-106.07	-205.06	0.00269
-113.14	-197.99	0.00295	-120.21	-190.92	0.00324
-127.28	-183.85	0.00353	-134.35	-176.78	0.00382
-137.89	-173.24	0.00395	-141.42	-169.71	0.00407
-143.54	-167.58	0.00415	-144.96	-166.17	0.00421
-146.37	-164.76	0.00428	-147.79	-163.34	0.00438
-149.20	-161.93	0.00451	-161.93	-149.20	0.00217
-163.34	-147.79	0.00214	-164.76	-146.37	0.00212
-166.17	-144.96	0.00210	-167.58	-143.54	0.00208
-169.71	-141.42	0.00205	-173.24	-137.89	0.00199
-176.78	-134.35	0.00191	-183.85	-127.28	0.00174
-190.92	-120.21	0.00157	-197.99	-113.14	0.00141
-205.06	-106.07	0.00127	-212.13	-98.99	0.00115
-219.20	-91.92	0.00105	-226.27	-84.85	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:52:42      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 \*\*MODELOPTs:

PAGE 141  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00177	-98.99	-226.27	0.00189
-106.07	-219.20	0.00203	-113.14	-212.13	0.00217
-120.21	-205.06	0.00231	-127.28	-197.99	0.00244
-134.35	-190.92	0.00252	-141.42	-183.85	0.00251
-144.96	-180.31	0.00246	-148.49	-176.78	0.00236
-150.61	-174.66	0.00227	-152.03	-173.24	0.00220
-153.44	-171.83	0.00213	-154.86	-170.41	0.00205
-156.27	-169.00	0.00197	-169.00	-156.27	0.00138
-170.41	-154.86	0.00142	-171.83	-153.44	0.00146
-173.24	-152.03	0.00149	-174.66	-150.61	0.00151
-176.78	-148.49	0.00153	-180.31	-144.96	0.00155
-183.85	-141.42	0.00153	-190.92	-134.35	0.00146

13NCRA\_PL93-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00135	-205.06	-120.21	0.00124
-212.13	-113.14	0.00114	-219.20	-106.07	0.00104
-226.27	-98.99	0.00096	-233.35	-91.92	0.00089
-98.99	-240.42	0.00151	-106.07	-233.35	0.00159
-113.14	-226.27	0.00167	-120.21	-219.20	0.00175
-127.28	-212.13	0.00181	-134.35	-205.06	0.00185
-141.42	-197.99	0.00184	-148.49	-190.92	0.00177
-152.03	-187.38	0.00170	-155.56	-183.85	0.00163
-157.68	-181.73	0.00157	-159.10	-180.31	0.00154
-160.51	-178.90	0.00150	-161.93	-177.48	0.00146
-163.34	-176.07	0.00141	-176.07	-163.34	0.00098
-177.48	-161.93	0.00099	-178.90	-160.51	0.00101
-180.31	-159.10	0.00103	-181.73	-157.68	0.00105
-183.85	-155.56	0.00109	-187.38	-152.03	0.00114
-190.92	-148.49	0.00116	-197.99	-141.42	0.00117
-205.06	-134.35	0.00112	-212.13	-127.28	0.00106
-219.20	-120.21	0.00100	-226.27	-113.14	0.00093
-233.35	-106.07	0.00087	-240.42	-98.99	0.00081
-106.07	-247.49	0.00129	-113.14	-240.42	0.00134
-120.21	-233.35	0.00138	-127.28	-226.27	0.00142
-134.35	-219.20	0.00144	-141.42	-212.13	0.00145
-148.49	-205.06	0.00142	-155.56	-197.99	0.00137
-159.10	-194.45	0.00133	-162.63	-190.92	0.00128
-164.76	-188.80	0.00125	-166.17	-187.38	0.00123
-167.58	-185.97	0.00121	-169.00	-184.55	0.00118
-170.41	-183.14	0.00115	-183.14	-170.41	0.00081
-184.55	-169.00	0.00081	-185.97	-167.58	0.00081
-187.38	-166.17	0.00082	-188.80	-164.76	0.00082

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00083	-194.45	-159.10	0.00086
-197.99	-155.56	0.00089	-205.06	-148.49	0.00092
-212.13	-141.42	0.00092	-219.20	-134.35	0.00089
-226.27	-127.28	0.00086	-233.35	-120.21	0.00081
-240.42	-113.14	0.00077	-247.49	-106.07	0.00073

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00587 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT ( -108.19, -132.23, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT ( -116.67, -152.03, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00587 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT ( -44.55, -68.59, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT ( -53.03, -88.39, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00587 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT ( 19.09, -4.95, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT ( 10.61, -24.75, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00587 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT ( 82.73, 58.69, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT ( 74.25, 38.89, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00587 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT ( 132.23, 108.19, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT ( 137.89, 116.67, 0.00, 1.20)	DC	NA

		13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00577	AT (	146.37,	122.33,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00576	AT (	137.89,	102.53,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00713	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00713	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00713	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00712	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00712	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00712	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00712	AT (	-31.82,	-67.18,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00712	AT (	-38.89,	-74.25,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00711	AT (	17.68,	-17.68,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00711	AT (	-45.96,	-81.32,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:52:42

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 8 Informational Message(s)  
 A Total of 8 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 14:58:11

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2

RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2



RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2

RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2

RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2

RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2

RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2



RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2

RE DISCCART	113.14	14.14	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	74.25	38.89	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	48.79	64.35	1.2

RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART	28.99	41.72	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	10.61	45.96	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	91.92	1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2

RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	49.5	-63.64	1.2
RE DISCCART	42.43	-56.57	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	21.21	-35.36	1.2
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RE DISCCART	10.61	-24.75	1.2
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RE DISCCART	4.95	-19.09	1.2



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RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-9.19	-33.23	1.2
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RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-10.61	-45.96	1.2

RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-41.72	-28.99	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

RE DISCCART -63.64 -7.07 1.2  
RE DISCCART -70.71 0.0 1.2  
RE DISCCART -77.78 7.07 1.2  
RE DISCCART -84.85 14.14 1.2  
RE DISCCART -91.92 21.21 1.2  
RE DISCCART -98.99 28.28 1.2  
RE DISCCART -106.07 35.36 1.2  
RE DISCCART 28.28 -113.14 1.2  
RE DISCCART 21.21 -106.07 1.2  
RE DISCCART 14.14 -98.99 1.2  
RE DISCCART 7.07 -91.92 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -77.78 1.2  
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RE DISCCART -91.92 7.07 1.2  
RE DISCCART -98.99 14.14 1.2  
RE DISCCART -106.07 21.21 1.2  
RE DISCCART -113.14 28.28 1.2  
RE DISCCART 21.21 -120.21 1.2  
RE DISCCART 14.14 -113.14 1.2  
RE DISCCART 7.07 -106.07 1.2  
RE DISCCART 0.0 -98.99 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -77.78 1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
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RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-67.18	-88.39	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-88.39	-67.18	1.2

RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-127.28	-42.43	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2



RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-106.77	-91.22	1.2

RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2

RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2

RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-144.96	-109.6	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2

RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2



RE DISCCART -212.13 -127.28 1.2  
RE DISCCART -219.2 -120.21 1.2  
RE DISCCART -226.27 -113.14 1.2  
RE DISCCART -233.35 -106.07 1.2  
RE DISCCART -240.42 -98.99 1.2  
RE DISCCART -106.07 -247.49 1.2  
RE DISCCART -113.14 -240.42 1.2  
RE DISCCART -120.21 -233.35 1.2  
RE DISCCART -127.28 -226.27 1.2  
RE DISCCART -134.35 -219.2 1.2  
RE DISCCART -141.42 -212.13 1.2  
RE DISCCART -148.49 -205.06 1.2  
RE DISCCART -155.56 -197.99 1.2  
RE DISCCART -159.1 -194.45 1.2  
RE DISCCART -162.63 -190.92 1.2  
RE DISCCART -164.76 -188.8 1.2  
RE DISCCART -166.17 -187.38 1.2  
RE DISCCART -167.58 -185.97 1.2  
RE DISCCART -169.0 -184.55 1.2  
RE DISCCART -170.41 -183.14 1.2  
RE DISCCART -183.14 -170.41 1.2  
RE DISCCART -184.55 -169.0 1.2  
RE DISCCART -185.97 -167.58 1.2  
RE DISCCART -187.38 -166.17 1.2  
RE DISCCART -188.8 -164.76 1.2  
RE DISCCART -190.92 -162.63 1.2  
RE DISCCART -194.45 -159.1 1.2  
RE DISCCART -197.99 -155.56 1.2  
RE DISCCART -205.06 -148.49 1.2  
RE DISCCART -212.13 -141.42 1.2  
RE DISCCART -219.2 -134.35 1.2  
RE DISCCART -226.27 -127.28 1.2  
RE DISCCART -233.35 -120.21 1.2  
RE DISCCART -240.42 -113.14 1.2  
RE DISCCART -247.49 -106.07 1.2  
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1994

ME UAIRDATA 9901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL~1\PETALUMA\14NCRA~1.DAT



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 205.1,	148.5,	0.0,	1.2);	( 198.0,	155.6,	0.0,	1.2);
( 194.4,	159.1,	0.0,	1.2);	( 190.9,	162.6,	0.0,	1.2);
( 188.8,	164.8,	0.0,	1.2);	( 187.4,	166.2,	0.0,	1.2);
( 186.0,	167.6,	0.0,	1.2);	( 184.6,	169.0,	0.0,	1.2);
( 183.1,	170.4,	0.0,	1.2);	( 170.4,	183.1,	0.0,	1.2);
( 169.0,	184.6,	0.0,	1.2);	( 167.6,	186.0,	0.0,	1.2);
( 166.2,	187.4,	0.0,	1.2);	( 164.8,	188.8,	0.0,	1.2);
( 162.6,	190.9,	0.0,	1.2);	( 159.1,	194.4,	0.0,	1.2);
( 155.6,	198.0,	0.0,	1.2);	( 148.5,	205.1,	0.0,	1.2);
( 141.4,	212.1,	0.0,	1.2);	( 134.4,	219.2,	0.0,	1.2);
( 127.3,	226.3,	0.0,	1.2);	( 120.2,	233.4,	0.0,	1.2);
( 113.1,	240.4,	0.0,	1.2);	( 106.1,	247.5,	0.0,	1.2);
( 240.4,	99.0,	0.0,	1.2);	( 233.4,	106.1,	0.0,	1.2);
( 226.3,	113.1,	0.0,	1.2);	( 219.2,	120.2,	0.0,	1.2);
( 212.1,	127.3,	0.0,	1.2);	( 205.1,	134.4,	0.0,	1.2);
( 198.0,	141.4,	0.0,	1.2);	( 190.9,	148.5,	0.0,	1.2);
( 187.4,	152.0,	0.0,	1.2);	( 183.9,	155.6,	0.0,	1.2);
( 181.7,	157.7,	0.0,	1.2);	( 180.3,	159.1,	0.0,	1.2);
( 178.9,	160.5,	0.0,	1.2);	( 177.5,	161.9,	0.0,	1.2);
( 176.1,	163.3,	0.0,	1.2);	( 163.3,	176.1,	0.0,	1.2);
( 161.9,	177.5,	0.0,	1.2);	( 160.5,	178.9,	0.0,	1.2);
( 159.1,	180.3,	0.0,	1.2);	( 157.7,	181.7,	0.0,	1.2);
( 155.6,	183.9,	0.0,	1.2);	( 152.0,	187.4,	0.0,	1.2);
( 148.5,	190.9,	0.0,	1.2);	( 141.4,	198.0,	0.0,	1.2);
( 134.4,	205.1,	0.0,	1.2);	( 127.3,	212.1,	0.0,	1.2);
( 120.2,	219.2,	0.0,	1.2);	( 113.1,	226.3,	0.0,	1.2);
( 106.1,	233.4,	0.0,	1.2);	( 99.0,	240.4,	0.0,	1.2);
( 233.4,	91.9,	0.0,	1.2);	( 226.3,	99.0,	0.0,	1.2);
( 219.2,	106.1,	0.0,	1.2);	( 212.1,	113.1,	0.0,	1.2);
( 205.1,	120.2,	0.0,	1.2);	( 198.0,	127.3,	0.0,	1.2);
( 190.9,	134.4,	0.0,	1.2);	( 183.9,	141.4,	0.0,	1.2);
( 180.3,	145.0,	0.0,	1.2);	( 176.8,	148.5,	0.0,	1.2);
( 174.7,	150.6,	0.0,	1.2);	( 173.2,	152.0,	0.0,	1.2);
( 171.8,	153.4,	0.0,	1.2);	( 170.4,	154.9,	0.0,	1.2);
( 169.0,	156.3,	0.0,	1.2);	( 156.3,	169.0,	0.0,	1.2);
( 154.9,	170.4,	0.0,	1.2);	( 153.4,	171.8,	0.0,	1.2);
( 152.0,	173.2,	0.0,	1.2);	( 150.6,	174.7,	0.0,	1.2);
( 148.5,	176.8,	0.0,	1.2);	( 145.0,	180.3,	0.0,	1.2);
( 141.4,	183.9,	0.0,	1.2);	( 134.4,	190.9,	0.0,	1.2);
( 127.3,	198.0,	0.0,	1.2);	( 120.2,	205.1,	0.0,	1.2);
( 113.1,	212.1,	0.0,	1.2);	( 106.1,	219.2,	0.0,	1.2);
( 99.0,	226.3,	0.0,	1.2);	( 91.9,	233.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 226.3,	84.8,	0.0,	1.2);	( 219.2,	91.9,	0.0,	1.2);
( 212.1,	99.0,	0.0,	1.2);	( 205.1,	106.1,	0.0,	1.2);
( 198.0,	113.1,	0.0,	1.2);	( 190.9,	120.2,	0.0,	1.2);
( 183.9,	127.3,	0.0,	1.2);	( 176.8,	134.4,	0.0,	1.2);
( 173.2,	137.9,	0.0,	1.2);	( 169.7,	141.4,	0.0,	1.2);
( 167.6,	143.5,	0.0,	1.2);	( 166.2,	145.0,	0.0,	1.2);
( 164.8,	146.4,	0.0,	1.2);	( 163.3,	147.8,	0.0,	1.2);
( 161.9,	149.2,	0.0,	1.2);	( 149.2,	161.9,	0.0,	1.2);
( 147.8,	163.3,	0.0,	1.2);	( 146.4,	164.8,	0.0,	1.2);
( 145.0,	166.2,	0.0,	1.2);	( 143.5,	167.6,	0.0,	1.2);
( 141.4,	169.7,	0.0,	1.2);	( 137.9,	173.2,	0.0,	1.2);
( 134.4,	176.8,	0.0,	1.2);	( 127.3,	183.9,	0.0,	1.2);
( 120.2,	190.9,	0.0,	1.2);	( 113.1,	198.0,	0.0,	1.2);
( 106.1,	205.1,	0.0,	1.2);	( 99.0,	212.1,	0.0,	1.2);
( 91.9,	219.2,	0.0,	1.2);	( 84.8,	226.3,	0.0,	1.2);
( 219.2,	77.8,	0.0,	1.2);	( 212.1,	84.8,	0.0,	1.2);
( 205.1,	91.9,	0.0,	1.2);	( 198.0,	99.0,	0.0,	1.2);
( 190.9,	106.1,	0.0,	1.2);	( 183.9,	113.1,	0.0,	1.2);
( 176.8,	120.2,	0.0,	1.2);	( 169.7,	127.3,	0.0,	1.2);
( 166.2,	130.8,	0.0,	1.2);	( 162.6,	134.4,	0.0,	1.2);
( 160.5,	136.5,	0.0,	1.2);	( 159.1,	137.9,	0.0,	1.2);
( 157.7,	139.3,	0.0,	1.2);	( 156.3,	140.7,	0.0,	1.2);
( 154.9,	142.1,	0.0,	1.2);	( 142.1,	154.9,	0.0,	1.2);
( 140.7,	156.3,	0.0,	1.2);	( 139.3,	157.7,	0.0,	1.2);
( 137.9,	159.1,	0.0,	1.2);	( 136.5,	160.5,	0.0,	1.2);
( 134.4,	162.6,	0.0,	1.2);	( 130.8,	166.2,	0.0,	1.2);
( 127.3,	169.7,	0.0,	1.2);	( 120.2,	176.8,	0.0,	1.2);
( 113.1,	183.9,	0.0,	1.2);	( 106.1,	190.9,	0.0,	1.2);
( 99.0,	198.0,	0.0,	1.2);	( 91.9,	205.1,	0.0,	1.2);
( 84.8,	212.1,	0.0,	1.2);	( 77.8,	219.2,	0.0,	1.2);
( 212.1,	70.7,	0.0,	1.2);	( 205.1,	77.8,	0.0,	1.2);
( 198.0,	84.8,	0.0,	1.2);	( 190.9,	91.9,	0.0,	1.2);
( 183.9,	99.0,	0.0,	1.2);	( 176.8,	106.1,	0.0,	1.2);
( 169.7,	113.1,	0.0,	1.2);	( 162.6,	120.2,	0.0,	1.2);
( 159.1,	123.7,	0.0,	1.2);	( 155.6,	127.3,	0.0,	1.2);
( 153.4,	129.4,	0.0,	1.2);	( 152.0,	130.8,	0.0,	1.2);
( 150.6,	132.2,	0.0,	1.2);	( 149.2,	133.6,	0.0,	1.2);
( 147.8,	135.1,	0.0,	1.2);	( 135.1,	147.8,	0.0,	1.2);
( 133.6,	149.2,	0.0,	1.2);	( 132.2,	150.6,	0.0,	1.2);

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( 130.8,	152.0,	0.0,	1.2);	( 129.4,	153.4,	0.0,	1.2);
( 127.3,	155.6,	0.0,	1.2);	( 123.7,	159.1,	0.0,	1.2);
( 120.2,	162.6,	0.0,	1.2);	( 113.1,	169.7,	0.0,	1.2);
( 106.1,	176.8,	0.0,	1.2);	( 99.0,	183.9,	0.0,	1.2);
( 91.9,	190.9,	0.0,	1.2);	( 84.8,	198.0,	0.0,	1.2);
( 77.8,	205.1,	0.0,	1.2);	( 70.7,	212.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 205.1,	63.6,	0.0,	1.2);	( 198.0,	70.7,	0.0,	1.2);
( 190.9,	77.8,	0.0,	1.2);	( 183.9,	84.8,	0.0,	1.2);
( 176.8,	91.9,	0.0,	1.2);	( 169.7,	99.0,	0.0,	1.2);
( 162.6,	106.1,	0.0,	1.2);	( 155.6,	113.1,	0.0,	1.2);
( 152.0,	116.7,	0.0,	1.2);	( 148.5,	120.2,	0.0,	1.2);
( 146.4,	122.3,	0.0,	1.2);	( 145.0,	123.7,	0.0,	1.2);
( 143.5,	125.2,	0.0,	1.2);	( 142.1,	126.6,	0.0,	1.2);
( 140.7,	128.0,	0.0,	1.2);	( 128.0,	140.7,	0.0,	1.2);
( 126.6,	142.1,	0.0,	1.2);	( 125.2,	143.5,	0.0,	1.2);
( 123.7,	145.0,	0.0,	1.2);	( 122.3,	146.4,	0.0,	1.2);
( 120.2,	148.5,	0.0,	1.2);	( 116.7,	152.0,	0.0,	1.2);
( 113.1,	155.6,	0.0,	1.2);	( 106.1,	162.6,	0.0,	1.2);
( 99.0,	169.7,	0.0,	1.2);	( 91.9,	176.8,	0.0,	1.2);
( 84.8,	183.9,	0.0,	1.2);	( 77.8,	190.9,	0.0,	1.2);
( 70.7,	198.0,	0.0,	1.2);	( 63.6,	205.1,	0.0,	1.2);
( 198.0,	56.6,	0.0,	1.2);	( 190.9,	63.6,	0.0,	1.2);
( 183.9,	70.7,	0.0,	1.2);	( 176.8,	77.8,	0.0,	1.2);
( 169.7,	84.8,	0.0,	1.2);	( 162.6,	91.9,	0.0,	1.2);
( 155.6,	99.0,	0.0,	1.2);	( 148.5,	106.1,	0.0,	1.2);
( 145.0,	109.6,	0.0,	1.2);	( 141.4,	113.1,	0.0,	1.2);
( 139.3,	115.3,	0.0,	1.2);	( 137.9,	116.7,	0.0,	1.2);
( 136.5,	118.1,	0.0,	1.2);	( 135.1,	119.5,	0.0,	1.2);
( 133.6,	120.9,	0.0,	1.2);	( 120.9,	133.6,	0.0,	1.2);
( 119.5,	135.1,	0.0,	1.2);	( 118.1,	136.5,	0.0,	1.2);
( 116.7,	137.9,	0.0,	1.2);	( 115.3,	139.3,	0.0,	1.2);
( 113.1,	141.4,	0.0,	1.2);	( 109.6,	145.0,	0.0,	1.2);
( 106.1,	148.5,	0.0,	1.2);	( 99.0,	155.6,	0.0,	1.2);
( 91.9,	162.6,	0.0,	1.2);	( 84.8,	169.7,	0.0,	1.2);
( 77.8,	176.8,	0.0,	1.2);	( 70.7,	183.9,	0.0,	1.2);
( 63.6,	190.9,	0.0,	1.2);	( 56.6,	198.0,	0.0,	1.2);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

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( 176.8,	63.6,	0.0,	1.2);	( 169.7,	70.7,	0.0,	1.2);
( 162.6,	77.8,	0.0,	1.2);	( 155.6,	84.8,	0.0,	1.2);
( 148.5,	91.9,	0.0,	1.2);	( 141.4,	99.0,	0.0,	1.2);
( 137.9,	102.5,	0.0,	1.2);	( 134.4,	106.1,	0.0,	1.2);
( 132.2,	108.2,	0.0,	1.2);	( 130.8,	109.6,	0.0,	1.2);
( 129.4,	111.0,	0.0,	1.2);	( 128.0,	112.4,	0.0,	1.2);
( 126.6,	113.8,	0.0,	1.2);	( 113.8,	126.6,	0.0,	1.2);
( 112.4,	128.0,	0.0,	1.2);	( 111.0,	129.4,	0.0,	1.2);
( 109.6,	130.8,	0.0,	1.2);	( 108.2,	132.2,	0.0,	1.2);
( 106.1,	134.4,	0.0,	1.2);	( 102.5,	137.9,	0.0,	1.2);
( 99.0,	141.4,	0.0,	1.2);	( 91.9,	148.5,	0.0,	1.2);
( 84.8,	155.6,	0.0,	1.2);	( 77.8,	162.6,	0.0,	1.2);
( 70.7,	169.7,	0.0,	1.2);	( 63.6,	176.8,	0.0,	1.2);
( 56.6,	183.9,	0.0,	1.2);	( 49.5,	190.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 169.7,	56.6,	0.0,	1.2);	( 162.6,	63.6,	0.0,	1.2);
( 155.6,	70.7,	0.0,	1.2);	( 148.5,	77.8,	0.0,	1.2);
( 141.4,	84.8,	0.0,	1.2);	( 134.4,	91.9,	0.0,	1.2);
( 130.8,	95.5,	0.0,	1.2);	( 127.3,	99.0,	0.0,	1.2);
( 125.2,	101.1,	0.0,	1.2);	( 123.7,	102.5,	0.0,	1.2);
( 122.3,	103.9,	0.0,	1.2);	( 120.9,	105.4,	0.0,	1.2);
( 119.5,	106.8,	0.0,	1.2);	( 106.8,	119.5,	0.0,	1.2);
( 105.4,	120.9,	0.0,	1.2);	( 103.9,	122.3,	0.0,	1.2);
( 102.5,	123.7,	0.0,	1.2);	( 101.1,	125.2,	0.0,	1.2);
( 99.0,	127.3,	0.0,	1.2);	( 95.5,	130.8,	0.0,	1.2);
( 91.9,	134.4,	0.0,	1.2);	( 84.8,	141.4,	0.0,	1.2);
( 77.8,	148.5,	0.0,	1.2);	( 70.7,	155.6,	0.0,	1.2);
( 63.6,	162.6,	0.0,	1.2);	( 56.6,	169.7,	0.0,	1.2);
( 49.5,	176.8,	0.0,	1.2);	( 42.4,	183.9,	0.0,	1.2);
( 176.8,	35.4,	0.0,	1.2);	( 169.7,	42.4,	0.0,	1.2);
( 162.6,	49.5,	0.0,	1.2);	( 155.6,	56.6,	0.0,	1.2);
( 148.5,	63.6,	0.0,	1.2);	( 141.4,	70.7,	0.0,	1.2);
( 134.4,	77.8,	0.0,	1.2);	( 127.3,	84.8,	0.0,	1.2);
( 123.7,	88.4,	0.0,	1.2);	( 120.2,	91.9,	0.0,	1.2);
( 118.1,	94.1,	0.0,	1.2);	( 116.7,	95.5,	0.0,	1.2);
( 115.3,	96.9,	0.0,	1.2);	( 113.8,	98.3,	0.0,	1.2);
( 112.4,	99.7,	0.0,	1.2);	( 99.7,	112.4,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 98.3,	113.8,	0.0,	1.2);	( 96.9,	115.3,	0.0,	1.2);
( 95.5,	116.7,	0.0,	1.2);	( 94.1,	118.1,	0.0,	1.2);
( 91.9,	120.2,	0.0,	1.2);	( 88.4,	123.7,	0.0,	1.2);
( 84.8,	127.3,	0.0,	1.2);	( 77.8,	134.4,	0.0,	1.2);
( 70.7,	141.4,	0.0,	1.2);	( 63.6,	148.5,	0.0,	1.2);
( 56.6,	155.6,	0.0,	1.2);	( 49.5,	162.6,	0.0,	1.2);
( 42.4,	169.7,	0.0,	1.2);	( 35.4,	176.8,	0.0,	1.2);
( 169.7,	28.3,	0.0,	1.2);	( 162.6,	35.4,	0.0,	1.2);
( 155.6,	42.4,	0.0,	1.2);	( 148.5,	49.5,	0.0,	1.2);
( 141.4,	56.6,	0.0,	1.2);	( 134.4,	63.6,	0.0,	1.2);
( 127.3,	70.7,	0.0,	1.2);	( 120.2,	77.8,	0.0,	1.2);
( 116.7,	81.3,	0.0,	1.2);	( 113.1,	84.8,	0.0,	1.2);
( 111.0,	87.0,	0.0,	1.2);	( 109.6,	88.4,	0.0,	1.2);
( 108.2,	89.8,	0.0,	1.2);	( 106.8,	91.2,	0.0,	1.2);
( 105.4,	92.6,	0.0,	1.2);	( 92.6,	105.4,	0.0,	1.2);
( 91.2,	106.8,	0.0,	1.2);	( 89.8,	108.2,	0.0,	1.2);
( 88.4,	109.6,	0.0,	1.2);	( 87.0,	111.0,	0.0,	1.2);
( 84.8,	113.1,	0.0,	1.2);	( 81.3,	116.7,	0.0,	1.2);
( 77.8,	120.2,	0.0,	1.2);	( 70.7,	127.3,	0.0,	1.2);
( 63.6,	134.4,	0.0,	1.2);	( 56.6,	141.4,	0.0,	1.2);
( 49.5,	148.5,	0.0,	1.2);	( 42.4,	155.6,	0.0,	1.2);
( 35.4,	162.6,	0.0,	1.2);	( 28.3,	169.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 162.6,	21.2,	0.0,	1.2);	( 155.6,	28.3,	0.0,	1.2);
( 148.5,	35.4,	0.0,	1.2);	( 141.4,	42.4,	0.0,	1.2);
( 134.4,	49.5,	0.0,	1.2);	( 127.3,	56.6,	0.0,	1.2);
( 120.2,	63.6,	0.0,	1.2);	( 113.1,	70.7,	0.0,	1.2);
( 109.6,	74.2,	0.0,	1.2);	( 106.1,	77.8,	0.0,	1.2);
( 103.9,	79.9,	0.0,	1.2);	( 102.5,	81.3,	0.0,	1.2);
( 101.1,	82.7,	0.0,	1.2);	( 99.7,	84.2,	0.0,	1.2);
( 98.3,	85.6,	0.0,	1.2);	( 85.6,	98.3,	0.0,	1.2);
( 84.2,	99.7,	0.0,	1.2);	( 82.7,	101.1,	0.0,	1.2);
( 81.3,	102.5,	0.0,	1.2);	( 79.9,	103.9,	0.0,	1.2);
( 77.8,	106.1,	0.0,	1.2);	( 74.2,	109.6,	0.0,	1.2);
( 70.7,	113.1,	0.0,	1.2);	( 63.6,	120.2,	0.0,	1.2);
( 56.6,	127.3,	0.0,	1.2);	( 49.5,	134.4,	0.0,	1.2);
( 42.4,	141.4,	0.0,	1.2);	( 35.4,	148.5,	0.0,	1.2);
( 28.3,	155.6,	0.0,	1.2);	( 21.2,	162.6,	0.0,	1.2);



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 155.6,	14.1,	0.0,	1.2);	( 148.5,	21.2,	0.0,	1.2);
( 141.4,	28.3,	0.0,	1.2);	( 134.4,	35.4,	0.0,	1.2);
( 127.3,	42.4,	0.0,	1.2);	( 120.2,	49.5,	0.0,	1.2);
( 113.1,	56.6,	0.0,	1.2);	( 106.1,	63.6,	0.0,	1.2);
( 102.5,	67.2,	0.0,	1.2);	( 99.0,	70.7,	0.0,	1.2);
( 96.9,	72.8,	0.0,	1.2);	( 95.5,	74.2,	0.0,	1.2);
( 94.1,	75.7,	0.0,	1.2);	( 92.6,	77.1,	0.0,	1.2);
( 91.2,	78.5,	0.0,	1.2);	( 78.5,	91.2,	0.0,	1.2);
( 77.1,	92.6,	0.0,	1.2);	( 75.7,	94.1,	0.0,	1.2);
( 74.2,	95.5,	0.0,	1.2);	( 72.8,	96.9,	0.0,	1.2);
( 70.7,	99.0,	0.0,	1.2);	( 67.2,	102.5,	0.0,	1.2);
( 63.6,	106.1,	0.0,	1.2);	( 56.6,	113.1,	0.0,	1.2);
( 49.5,	120.2,	0.0,	1.2);	( 42.4,	127.3,	0.0,	1.2);
( 35.4,	134.4,	0.0,	1.2);	( 28.3,	141.4,	0.0,	1.2);
( 21.2,	148.5,	0.0,	1.2);	( 14.1,	155.6,	0.0,	1.2);
( 148.5,	7.1,	0.0,	1.2);	( 141.4,	14.1,	0.0,	1.2);
( 134.4,	21.2,	0.0,	1.2);	( 127.3,	28.3,	0.0,	1.2);
( 120.2,	35.4,	0.0,	1.2);	( 113.1,	42.4,	0.0,	1.2);
( 106.1,	49.5,	0.0,	1.2);	( 99.0,	56.6,	0.0,	1.2);
( 95.5,	60.1,	0.0,	1.2);	( 91.9,	63.6,	0.0,	1.2);
( 89.8,	65.8,	0.0,	1.2);	( 88.4,	67.2,	0.0,	1.2);
( 87.0,	68.6,	0.0,	1.2);	( 85.6,	70.0,	0.0,	1.2);
( 84.2,	71.4,	0.0,	1.2);	( 71.4,	84.2,	0.0,	1.2);
( 70.0,	85.6,	0.0,	1.2);	( 68.6,	87.0,	0.0,	1.2);
( 67.2,	88.4,	0.0,	1.2);	( 65.8,	89.8,	0.0,	1.2);
( 63.6,	91.9,	0.0,	1.2);	( 60.1,	95.5,	0.0,	1.2);
( 56.6,	99.0,	0.0,	1.2);	( 49.5,	106.1,	0.0,	1.2);
( 42.4,	113.1,	0.0,	1.2);	( 35.4,	120.2,	0.0,	1.2);
( 28.3,	127.3,	0.0,	1.2);	( 21.2,	134.4,	0.0,	1.2);
( 14.1,	141.4,	0.0,	1.2);	( 7.1,	148.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 141.4,	0.0,	0.0,	1.2);	( 134.4,	7.1,	0.0,	1.2);
( 127.3,	14.1,	0.0,	1.2);	( 120.2,	21.2,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	35.4,	0.0,	1.2);
( 99.0,	42.4,	0.0,	1.2);	( 91.9,	49.5,	0.0,	1.2);
( 88.4,	53.0,	0.0,	1.2);	( 84.8,	56.6,	0.0,	1.2);
( 82.7,	58.7,	0.0,	1.2);	( 81.3,	60.1,	0.0,	1.2);
( 79.9,	61.5,	0.0,	1.2);	( 78.5,	62.9,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

(	77.1,	64.3,	0.0,	1.2);	(	64.3,	77.1,	0.0,	1.2);
(	62.9,	78.5,	0.0,	1.2);	(	61.5,	79.9,	0.0,	1.2);
(	60.1,	81.3,	0.0,	1.2);	(	58.7,	82.7,	0.0,	1.2);
(	56.6,	84.8,	0.0,	1.2);	(	53.0,	88.4,	0.0,	1.2);
(	49.5,	91.9,	0.0,	1.2);	(	42.4,	99.0,	0.0,	1.2);
(	35.4,	106.1,	0.0,	1.2);	(	28.3,	113.1,	0.0,	1.2);
(	21.2,	120.2,	0.0,	1.2);	(	14.1,	127.3,	0.0,	1.2);
(	7.1,	134.4,	0.0,	1.2);	(	0.0,	141.4,	0.0,	1.2);
(	134.4,	-7.1,	0.0,	1.2);	(	127.3,	0.0,	0.0,	1.2);
(	120.2,	7.1,	0.0,	1.2);	(	113.1,	14.1,	0.0,	1.2);
(	106.1,	21.2,	0.0,	1.2);	(	99.0,	28.3,	0.0,	1.2);
(	91.9,	35.4,	0.0,	1.2);	(	84.8,	42.4,	0.0,	1.2);
(	81.3,	46.0,	0.0,	1.2);	(	77.8,	49.5,	0.0,	1.2);
(	75.7,	51.6,	0.0,	1.2);	(	74.2,	53.0,	0.0,	1.2);
(	72.8,	54.5,	0.0,	1.2);	(	71.4,	55.9,	0.0,	1.2);
(	70.0,	57.3,	0.0,	1.2);	(	57.3,	70.0,	0.0,	1.2);
(	55.9,	71.4,	0.0,	1.2);	(	54.5,	72.8,	0.0,	1.2);
(	53.0,	74.2,	0.0,	1.2);	(	51.6,	75.7,	0.0,	1.2);
(	49.5,	77.8,	0.0,	1.2);	(	46.0,	81.3,	0.0,	1.2);
(	42.4,	84.8,	0.0,	1.2);	(	35.4,	91.9,	0.0,	1.2);
(	28.3,	99.0,	0.0,	1.2);	(	21.2,	106.1,	0.0,	1.2);
(	14.1,	113.1,	0.0,	1.2);	(	7.1,	120.2,	0.0,	1.2);
(	0.0,	127.3,	0.0,	1.2);	(	-7.1,	134.4,	0.0,	1.2);
(	127.3,	-14.1,	0.0,	1.2);	(	120.2,	-7.1,	0.0,	1.2);
(	113.1,	0.0,	0.0,	1.2);	(	106.1,	7.1,	0.0,	1.2);
(	99.0,	14.1,	0.0,	1.2);	(	91.9,	21.2,	0.0,	1.2);
(	84.8,	28.3,	0.0,	1.2);	(	77.8,	35.4,	0.0,	1.2);
(	74.2,	38.9,	0.0,	1.2);	(	70.7,	42.4,	0.0,	1.2);
(	68.6,	44.5,	0.0,	1.2);	(	67.2,	46.0,	0.0,	1.2);
(	65.8,	47.4,	0.0,	1.2);	(	64.3,	48.8,	0.0,	1.2);
(	62.9,	50.2,	0.0,	1.2);	(	50.2,	62.9,	0.0,	1.2);
(	48.8,	64.3,	0.0,	1.2);	(	47.4,	65.8,	0.0,	1.2);
(	46.0,	67.2,	0.0,	1.2);	(	44.5,	68.6,	0.0,	1.2);
(	42.4,	70.7,	0.0,	1.2);	(	38.9,	74.2,	0.0,	1.2);
(	35.4,	77.8,	0.0,	1.2);	(	28.3,	84.8,	0.0,	1.2);
(	21.2,	91.9,	0.0,	1.2);	(	14.1,	99.0,	0.0,	1.2);
(	7.1,	106.1,	0.0,	1.2);	(	0.0,	113.1,	0.0,	1.2);
(	-7.1,	120.2,	0.0,	1.2);	(	-14.1,	127.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

14NCRA\_PL94-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 120.2,	-21.2,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	7.1,	0.0,	1.2);	( 84.8,	14.1,	0.0,	1.2);
( 77.8,	21.2,	0.0,	1.2);	( 70.7,	28.3,	0.0,	1.2);
( 67.2,	31.8,	0.0,	1.2);	( 63.6,	35.4,	0.0,	1.2);
( 61.5,	37.5,	0.0,	1.2);	( 60.1,	38.9,	0.0,	1.2);
( 58.7,	40.3,	0.0,	1.2);	( 57.3,	41.7,	0.0,	1.2);
( 55.9,	43.1,	0.0,	1.2);	( 43.1,	55.9,	0.0,	1.2);
( 41.7,	57.3,	0.0,	1.2);	( 40.3,	58.7,	0.0,	1.2);
( 38.9,	60.1,	0.0,	1.2);	( 37.5,	61.5,	0.0,	1.2);
( 35.4,	63.6,	0.0,	1.2);	( 31.8,	67.2,	0.0,	1.2);
( 28.3,	70.7,	0.0,	1.2);	( 21.2,	77.8,	0.0,	1.2);
( 14.1,	84.8,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	99.0,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	113.1,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-21.2,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	7.1,	0.0,	1.2);
( 70.7,	14.1,	0.0,	1.2);	( 63.6,	21.2,	0.0,	1.2);
( 60.1,	24.8,	0.0,	1.2);	( 56.6,	28.3,	0.0,	1.2);
( 54.5,	30.4,	0.0,	1.2);	( 53.0,	31.8,	0.0,	1.2);
( 51.6,	33.2,	0.0,	1.2);	( 50.2,	34.7,	0.0,	1.2);
( 48.8,	36.1,	0.0,	1.2);	( 36.1,	48.8,	0.0,	1.2);
( 34.7,	50.2,	0.0,	1.2);	( 33.2,	51.6,	0.0,	1.2);
( 31.8,	53.0,	0.0,	1.2);	( 30.4,	54.5,	0.0,	1.2);
( 28.3,	56.6,	0.0,	1.2);	( 24.8,	60.1,	0.0,	1.2);
( 21.2,	63.6,	0.0,	1.2);	( 14.1,	70.7,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	84.8,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	99.0,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	113.1,	0.0,	1.2);
( 106.1,	-35.4,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-21.2,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-7.1,	0.0,	1.2);	( 70.7,	0.0,	0.0,	1.2);
( 63.6,	7.1,	0.0,	1.2);	( 56.6,	14.1,	0.0,	1.2);
( 53.0,	17.7,	0.0,	1.2);	( 49.5,	21.2,	0.0,	1.2);
( 47.4,	23.3,	0.0,	1.2);	( 46.0,	24.8,	0.0,	1.2);
( 44.5,	26.2,	0.0,	1.2);	( 43.1,	27.6,	0.0,	1.2);
( 41.7,	29.0,	0.0,	1.2);	( 29.0,	41.7,	0.0,	1.2);
( 27.6,	43.1,	0.0,	1.2);	( 26.2,	44.5,	0.0,	1.2);
( 24.8,	46.0,	0.0,	1.2);	( 23.3,	47.4,	0.0,	1.2);
( 21.2,	49.5,	0.0,	1.2);	( 17.7,	53.0,	0.0,	1.2);
( 14.1,	56.6,	0.0,	1.2);	( 7.1,	63.6,	0.0,	1.2);
( 0.0,	70.7,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -14.1, 84.8, 0.0, 1.2); ( -21.2, 91.9, 0.0, 1.2);  
( -28.3, 99.0, 0.0, 1.2); ( -35.4, 106.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 99.0, -42.4, 0.0, 1.2); ( 91.9, -35.4, 0.0, 1.2);  
( 84.8, -28.3, 0.0, 1.2); ( 77.8, -21.2, 0.0, 1.2);  
( 70.7, -14.1, 0.0, 1.2); ( 63.6, -7.1, 0.0, 1.2);  
( 56.6, 0.0, 0.0, 1.2); ( 49.5, 7.1, 0.0, 1.2);  
( 46.0, 10.6, 0.0, 1.2); ( 42.4, 14.1, 0.0, 1.2);  
( 40.3, 16.3, 0.0, 1.2); ( 38.9, 17.7, 0.0, 1.2);  
( 37.5, 19.1, 0.0, 1.2); ( 36.1, 20.5, 0.0, 1.2);  
( 34.7, 21.9, 0.0, 1.2); ( 21.9, 34.7, 0.0, 1.2);  
( 20.5, 36.1, 0.0, 1.2); ( 19.1, 37.5, 0.0, 1.2);  
( 17.7, 38.9, 0.0, 1.2); ( 16.3, 40.3, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 10.6, 46.0, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 56.6, 0.0, 1.2);  
( -7.1, 63.6, 0.0, 1.2); ( -14.1, 70.7, 0.0, 1.2);  
( -21.2, 77.8, 0.0, 1.2); ( -28.3, 84.8, 0.0, 1.2);  
( -35.4, 91.9, 0.0, 1.2); ( -42.4, 99.0, 0.0, 1.2);  
( 91.9, -49.5, 0.0, 1.2); ( 84.8, -42.4, 0.0, 1.2);  
( 77.8, -35.4, 0.0, 1.2); ( 70.7, -28.3, 0.0, 1.2);  
( 63.6, -21.2, 0.0, 1.2); ( 56.6, -14.1, 0.0, 1.2);  
( 49.5, -7.1, 0.0, 1.2); ( 42.4, 0.0, 0.0, 1.2);  
( 38.9, 3.5, 0.0, 1.2); ( 35.4, 7.1, 0.0, 1.2);  
( 33.2, 9.2, 0.0, 1.2); ( 31.8, 10.6, 0.0, 1.2);  
( 30.4, 12.0, 0.0, 1.2); ( 29.0, 13.4, 0.0, 1.2);  
( 27.6, 14.9, 0.0, 1.2); ( 14.9, 27.6, 0.0, 1.2);  
( 13.4, 29.0, 0.0, 1.2); ( 12.0, 30.4, 0.0, 1.2);  
( 10.6, 31.8, 0.0, 1.2); ( 9.2, 33.2, 0.0, 1.2);  
( 7.1, 35.4, 0.0, 1.2); ( 3.5, 38.9, 0.0, 1.2);  
( 0.0, 42.4, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -14.1, 56.6, 0.0, 1.2); ( -21.2, 63.6, 0.0, 1.2);  
( -28.3, 70.7, 0.0, 1.2); ( -35.4, 77.8, 0.0, 1.2);  
( -42.4, 84.8, 0.0, 1.2); ( -49.5, 91.9, 0.0, 1.2);  
( 84.8, -56.6, 0.0, 1.2); ( 77.8, -49.5, 0.0, 1.2);  
( 70.7, -42.4, 0.0, 1.2); ( 63.6, -35.4, 0.0, 1.2);  
( 56.6, -28.3, 0.0, 1.2); ( 49.5, -21.2, 0.0, 1.2);  
( 42.4, -14.1, 0.0, 1.2); ( 35.4, -7.1, 0.0, 1.2);  
( 31.8, -3.5, 0.0, 1.2); ( 28.3, 0.0, 0.0, 1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 26.2,	2.1,	0.0,	1.2);	( 24.8,	3.5,	0.0,	1.2);
( 23.3,	4.9,	0.0,	1.2);	( 21.9,	6.4,	0.0,	1.2);
( 20.5,	7.8,	0.0,	1.2);	( 7.8,	20.5,	0.0,	1.2);
( 6.4,	21.9,	0.0,	1.2);	( 4.9,	23.3,	0.0,	1.2);
( 3.5,	24.8,	0.0,	1.2);	( 2.1,	26.2,	0.0,	1.2);
( 0.0,	28.3,	0.0,	1.2);	( -3.5,	31.8,	0.0,	1.2);
( -7.1,	35.4,	0.0,	1.2);	( -14.1,	42.4,	0.0,	1.2);
( -21.2,	49.5,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -35.4,	63.6,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -49.5,	77.8,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 77.8,	-63.6,	0.0,	1.2);	( 70.7,	-56.6,	0.0,	1.2);
( 63.6,	-49.5,	0.0,	1.2);	( 56.6,	-42.4,	0.0,	1.2);
( 49.5,	-35.4,	0.0,	1.2);	( 42.4,	-28.3,	0.0,	1.2);
( 35.4,	-21.2,	0.0,	1.2);	( 28.3,	-14.1,	0.0,	1.2);
( 24.8,	-10.6,	0.0,	1.2);	( 21.2,	-7.1,	0.0,	1.2);
( 19.1,	-4.9,	0.0,	1.2);	( 17.7,	-3.5,	0.0,	1.2);
( 16.3,	-2.1,	0.0,	1.2);	( 14.9,	-0.7,	0.0,	1.2);
( 13.4,	0.7,	0.0,	1.2);	( 0.7,	13.4,	0.0,	1.2);
( -0.7,	14.9,	0.0,	1.2);	( -2.1,	16.3,	0.0,	1.2);
( -3.5,	17.7,	0.0,	1.2);	( -4.9,	19.1,	0.0,	1.2);
( -7.1,	21.2,	0.0,	1.2);	( -10.6,	24.8,	0.0,	1.2);
( -14.1,	28.3,	0.0,	1.2);	( -21.2,	35.4,	0.0,	1.2);
( -28.3,	42.4,	0.0,	1.2);	( -35.4,	49.5,	0.0,	1.2);
( -42.4,	56.6,	0.0,	1.2);	( -49.5,	63.6,	0.0,	1.2);
( -56.6,	70.7,	0.0,	1.2);	( -63.6,	77.8,	0.0,	1.2);
( 70.7,	-70.7,	0.0,	1.2);	( 63.6,	-63.6,	0.0,	1.2);
( 56.6,	-56.6,	0.0,	1.2);	( 49.5,	-49.5,	0.0,	1.2);
( 42.4,	-42.4,	0.0,	1.2);	( 35.4,	-35.4,	0.0,	1.2);
( 28.3,	-28.3,	0.0,	1.2);	( 21.2,	-21.2,	0.0,	1.2);
( 17.7,	-17.7,	0.0,	1.2);	( 14.1,	-14.1,	0.0,	1.2);
( 12.0,	-12.0,	0.0,	1.2);	( 10.6,	-10.6,	0.0,	1.2);
( 9.2,	-9.2,	0.0,	1.2);	( 7.8,	-7.8,	0.0,	1.2);
( 6.4,	-6.4,	0.0,	1.2);	( -6.4,	6.4,	0.0,	1.2);
( -7.8,	7.8,	0.0,	1.2);	( -9.2,	9.2,	0.0,	1.2);
( -10.6,	10.6,	0.0,	1.2);	( -12.0,	12.0,	0.0,	1.2);
( -14.1,	14.1,	0.0,	1.2);	( -17.7,	17.7,	0.0,	1.2);
( -21.2,	21.2,	0.0,	1.2);	( -28.3,	28.3,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -35.4,	35.4,	0.0,	1.2);	( -42.4,	42.4,	0.0,	1.2);
( -49.5,	49.5,	0.0,	1.2);	( -56.6,	56.6,	0.0,	1.2);
( -63.6,	63.6,	0.0,	1.2);	( -70.7,	70.7,	0.0,	1.2);
( 63.6,	-77.8,	0.0,	1.2);	( 56.6,	-70.7,	0.0,	1.2);
( 49.5,	-63.6,	0.0,	1.2);	( 42.4,	-56.6,	0.0,	1.2);
( 35.4,	-49.5,	0.0,	1.2);	( 28.3,	-42.4,	0.0,	1.2);
( 21.2,	-35.4,	0.0,	1.2);	( 14.1,	-28.3,	0.0,	1.2);
( 10.6,	-24.8,	0.0,	1.2);	( 7.1,	-21.2,	0.0,	1.2);
( 4.9,	-19.1,	0.0,	1.2);	( 3.5,	-17.7,	0.0,	1.2);
( 2.1,	-16.3,	0.0,	1.2);	( 0.7,	-14.9,	0.0,	1.2);
( -0.7,	-13.4,	0.0,	1.2);	( -13.4,	-0.7,	0.0,	1.2);
( -14.9,	0.7,	0.0,	1.2);	( -16.3,	2.1,	0.0,	1.2);
( -17.7,	3.5,	0.0,	1.2);	( -19.1,	4.9,	0.0,	1.2);
( -21.2,	7.1,	0.0,	1.2);	( -24.8,	10.6,	0.0,	1.2);
( -28.3,	14.1,	0.0,	1.2);	( -35.4,	21.2,	0.0,	1.2);
( -42.4,	28.3,	0.0,	1.2);	( -49.5,	35.4,	0.0,	1.2);
( -56.6,	42.4,	0.0,	1.2);	( -63.6,	49.5,	0.0,	1.2);
( -70.7,	56.6,	0.0,	1.2);	( -77.8,	63.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 56.6,	-84.8,	0.0,	1.2);	( 49.5,	-77.8,	0.0,	1.2);
( 42.4,	-70.7,	0.0,	1.2);	( 35.4,	-63.6,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 21.2,	-49.5,	0.0,	1.2);
( 14.1,	-42.4,	0.0,	1.2);	( 7.1,	-35.4,	0.0,	1.2);
( 3.5,	-31.8,	0.0,	1.2);	( 0.0,	-28.3,	0.0,	1.2);
( -2.1,	-26.2,	0.0,	1.2);	( -3.5,	-24.8,	0.0,	1.2);
( -4.9,	-23.3,	0.0,	1.2);	( -6.4,	-21.9,	0.0,	1.2);
( -7.8,	-20.5,	0.0,	1.2);	( -20.5,	-7.8,	0.0,	1.2);
( -21.9,	-6.4,	0.0,	1.2);	( -23.3,	-4.9,	0.0,	1.2);
( -24.8,	-3.5,	0.0,	1.2);	( -26.2,	-2.1,	0.0,	1.2);
( -28.3,	0.0,	0.0,	1.2);	( -31.8,	3.5,	0.0,	1.2);
( -35.4,	7.1,	0.0,	1.2);	( -42.4,	14.1,	0.0,	1.2);
( -49.5,	21.2,	0.0,	1.2);	( -56.6,	28.3,	0.0,	1.2);
( -63.6,	35.4,	0.0,	1.2);	( -70.7,	42.4,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -84.8,	56.6,	0.0,	1.2);
( 49.5,	-91.9,	0.0,	1.2);	( 42.4,	-84.8,	0.0,	1.2);
( 35.4,	-77.8,	0.0,	1.2);	( 28.3,	-70.7,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-56.6,	0.0,	1.2);
( 7.1,	-49.5,	0.0,	1.2);	( 0.0,	-42.4,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -3.5, -38.9, 0.0, 1.2);	( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2);	( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2);	( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2);	( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2);	( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2);	( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2);	( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2);	( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2);	( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2);	( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2);	( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2);	( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2);	( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2);	( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2);	( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2);	( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2);	( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2);	( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2);	( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2);	( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2);	( -99.0, 42.4, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 35.4, -106.1, 0.0, 1.2);	( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2);	( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2);	( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2);	( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2);	( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2);	( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2);	( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2);	( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2);	( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2);	( -53.0, -17.7, 0.0, 1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6, -14.1, 0.0, 1.2);	( -63.6, -7.1, 0.0, 1.2);
( -70.7, 0.0, 0.0, 1.2);	( -77.8, 7.1, 0.0, 1.2);
( -84.8, 14.1, 0.0, 1.2);	( -91.9, 21.2, 0.0, 1.2);
( -99.0, 28.3, 0.0, 1.2);	( -106.1, 35.4, 0.0, 1.2);
( 28.3, -113.1, 0.0, 1.2);	( 21.2, -106.1, 0.0, 1.2);
( 14.1, -99.0, 0.0, 1.2);	( 7.1, -91.9, 0.0, 1.2);
( 0.0, -84.8, 0.0, 1.2);	( -7.1, -77.8, 0.0, 1.2);
( -14.1, -70.7, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -24.8, -60.1, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -30.4, -54.5, 0.0, 1.2);	( -31.8, -53.0, 0.0, 1.2);
( -33.2, -51.6, 0.0, 1.2);	( -34.7, -50.2, 0.0, 1.2);
( -36.1, -48.8, 0.0, 1.2);	( -48.8, -36.1, 0.0, 1.2);
( -50.2, -34.7, 0.0, 1.2);	( -51.6, -33.2, 0.0, 1.2);
( -53.0, -31.8, 0.0, 1.2);	( -54.5, -30.4, 0.0, 1.2);
( -56.6, -28.3, 0.0, 1.2);	( -60.1, -24.8, 0.0, 1.2);
( -63.6, -21.2, 0.0, 1.2);	( -70.7, -14.1, 0.0, 1.2);
( -77.8, -7.1, 0.0, 1.2);	( -84.8, 0.0, 0.0, 1.2);
( -91.9, 7.1, 0.0, 1.2);	( -99.0, 14.1, 0.0, 1.2);
( -106.1, 21.2, 0.0, 1.2);	( -113.1, 28.3, 0.0, 1.2);
( 21.2, -120.2, 0.0, 1.2);	( 14.1, -113.1, 0.0, 1.2);
( 7.1, -106.1, 0.0, 1.2);	( 0.0, -99.0, 0.0, 1.2);
( -7.1, -91.9, 0.0, 1.2);	( -14.1, -84.8, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -70.7, 0.0, 1.2);
( -31.8, -67.2, 0.0, 1.2);	( -35.4, -63.6, 0.0, 1.2);
( -37.5, -61.5, 0.0, 1.2);	( -38.9, -60.1, 0.0, 1.2);
( -40.3, -58.7, 0.0, 1.2);	( -41.7, -57.3, 0.0, 1.2);
( -43.1, -55.9, 0.0, 1.2);	( -55.9, -43.1, 0.0, 1.2);
( -57.3, -41.7, 0.0, 1.2);	( -58.7, -40.3, 0.0, 1.2);
( -60.1, -38.9, 0.0, 1.2);	( -61.5, -37.5, 0.0, 1.2);
( -63.6, -35.4, 0.0, 1.2);	( -67.2, -31.8, 0.0, 1.2);
( -70.7, -28.3, 0.0, 1.2);	( -77.8, -21.2, 0.0, 1.2);
( -84.8, -14.1, 0.0, 1.2);	( -91.9, -7.1, 0.0, 1.2);
( -99.0, 0.0, 0.0, 1.2);	( -106.1, 7.1, 0.0, 1.2);
( -113.1, 14.1, 0.0, 1.2);	( -120.2, 21.2, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:  
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 14.1, -127.3, 0.0, 1.2);	( 7.1, -120.2, 0.0, 1.2);
( 0.0, -113.1, 0.0, 1.2);	( -7.1, -106.1, 0.0, 1.2);
( -14.1, -99.0, 0.0, 1.2);	( -21.2, -91.9, 0.0, 1.2);



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -28.3,	-84.8,	0.0,	1.2);	( -35.4,	-77.8,	0.0,	1.2);
( -38.9,	-74.2,	0.0,	1.2);	( -42.4,	-70.7,	0.0,	1.2);
( -44.5,	-68.6,	0.0,	1.2);	( -46.0,	-67.2,	0.0,	1.2);
( -47.4,	-65.8,	0.0,	1.2);	( -48.8,	-64.3,	0.0,	1.2);
( -50.2,	-62.9,	0.0,	1.2);	( -62.9,	-50.2,	0.0,	1.2);
( -64.3,	-48.8,	0.0,	1.2);	( -65.8,	-47.4,	0.0,	1.2);
( -67.2,	-46.0,	0.0,	1.2);	( -68.6,	-44.5,	0.0,	1.2);
( -70.7,	-42.4,	0.0,	1.2);	( -74.2,	-38.9,	0.0,	1.2);
( -77.8,	-35.4,	0.0,	1.2);	( -84.8,	-28.3,	0.0,	1.2);
( -91.9,	-21.2,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	7.1,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-127.3,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-113.1,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-99.0,	0.0,	1.2);
( -35.4,	-91.9,	0.0,	1.2);	( -42.4,	-84.8,	0.0,	1.2);
( -46.0,	-81.3,	0.0,	1.2);	( -49.5,	-77.8,	0.0,	1.2);
( -51.6,	-75.7,	0.0,	1.2);	( -53.0,	-74.2,	0.0,	1.2);
( -54.5,	-72.8,	0.0,	1.2);	( -55.9,	-71.4,	0.0,	1.2);
( -57.3,	-70.0,	0.0,	1.2);	( -70.0,	-57.3,	0.0,	1.2);
( -71.4,	-55.9,	0.0,	1.2);	( -72.8,	-54.5,	0.0,	1.2);
( -74.2,	-53.0,	0.0,	1.2);	( -75.7,	-51.6,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -81.3,	-46.0,	0.0,	1.2);
( -84.8,	-42.4,	0.0,	1.2);	( -91.9,	-35.4,	0.0,	1.2);
( -99.0,	-28.3,	0.0,	1.2);	( -106.1,	-21.2,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	7.1,	0.0,	1.2);
( 0.0,	-141.4,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( -14.1,	-127.3,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);
( -28.3,	-113.1,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( -42.4,	-99.0,	0.0,	1.2);	( -49.5,	-91.9,	0.0,	1.2);
( -53.0,	-88.4,	0.0,	1.2);	( -56.6,	-84.8,	0.0,	1.2);
( -58.7,	-82.7,	0.0,	1.2);	( -60.1,	-81.3,	0.0,	1.2);
( -61.5,	-79.9,	0.0,	1.2);	( -62.9,	-78.5,	0.0,	1.2);
( -64.3,	-77.1,	0.0,	1.2);	( -77.1,	-64.3,	0.0,	1.2);
( -78.5,	-62.9,	0.0,	1.2);	( -79.9,	-61.5,	0.0,	1.2);
( -81.3,	-60.1,	0.0,	1.2);	( -82.7,	-58.7,	0.0,	1.2);
( -84.8,	-56.6,	0.0,	1.2);	( -88.4,	-53.0,	0.0,	1.2);
( -91.9,	-49.5,	0.0,	1.2);	( -99.0,	-42.4,	0.0,	1.2);
( -106.1,	-35.4,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( -120.2,	-21.2,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);
( -134.4,	-7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -7.1, -148.5, 0.0, 1.2);	( -14.1, -141.4, 0.0, 1.2);
( -21.2, -134.4, 0.0, 1.2);	( -28.3, -127.3, 0.0, 1.2);
( -35.4, -120.2, 0.0, 1.2);	( -42.4, -113.1, 0.0, 1.2);
( -49.5, -106.1, 0.0, 1.2);	( -56.6, -99.0, 0.0, 1.2);
( -60.1, -95.5, 0.0, 1.2);	( -63.6, -91.9, 0.0, 1.2);
( -65.8, -89.8, 0.0, 1.2);	( -67.2, -88.4, 0.0, 1.2);
( -68.6, -87.0, 0.0, 1.2);	( -70.0, -85.6, 0.0, 1.2);
( -71.4, -84.2, 0.0, 1.2);	( -84.2, -71.4, 0.0, 1.2);
( -85.6, -70.0, 0.0, 1.2);	( -87.0, -68.6, 0.0, 1.2);
( -88.4, -67.2, 0.0, 1.2);	( -89.8, -65.8, 0.0, 1.2);
( -91.9, -63.6, 0.0, 1.2);	( -95.5, -60.1, 0.0, 1.2);
( -99.0, -56.6, 0.0, 1.2);	( -106.1, -49.5, 0.0, 1.2);
( -113.1, -42.4, 0.0, 1.2);	( -120.2, -35.4, 0.0, 1.2);
( -127.3, -28.3, 0.0, 1.2);	( -134.4, -21.2, 0.0, 1.2);
( -141.4, -14.1, 0.0, 1.2);	( -148.5, -7.1, 0.0, 1.2);
( -14.1, -155.6, 0.0, 1.2);	( -21.2, -148.5, 0.0, 1.2);
( -28.3, -141.4, 0.0, 1.2);	( -35.4, -134.4, 0.0, 1.2);
( -42.4, -127.3, 0.0, 1.2);	( -49.5, -120.2, 0.0, 1.2);
( -56.6, -113.1, 0.0, 1.2);	( -63.6, -106.1, 0.0, 1.2);
( -67.2, -102.5, 0.0, 1.2);	( -70.7, -99.0, 0.0, 1.2);
( -72.8, -96.9, 0.0, 1.2);	( -74.2, -95.5, 0.0, 1.2);
( -75.7, -94.1, 0.0, 1.2);	( -77.1, -92.6, 0.0, 1.2);
( -78.5, -91.2, 0.0, 1.2);	( -91.2, -78.5, 0.0, 1.2);
( -92.6, -77.1, 0.0, 1.2);	( -94.1, -75.7, 0.0, 1.2);
( -95.5, -74.2, 0.0, 1.2);	( -96.9, -72.8, 0.0, 1.2);
( -99.0, -70.7, 0.0, 1.2);	( -102.5, -67.2, 0.0, 1.2);
( -106.1, -63.6, 0.0, 1.2);	( -113.1, -56.6, 0.0, 1.2);
( -120.2, -49.5, 0.0, 1.2);	( -127.3, -42.4, 0.0, 1.2);
( -134.4, -35.4, 0.0, 1.2);	( -141.4, -28.3, 0.0, 1.2);
( -148.5, -21.2, 0.0, 1.2);	( -155.6, -14.1, 0.0, 1.2);
( -21.2, -162.6, 0.0, 1.2);	( -28.3, -155.6, 0.0, 1.2);
( -35.4, -148.5, 0.0, 1.2);	( -42.4, -141.4, 0.0, 1.2);
( -49.5, -134.4, 0.0, 1.2);	( -56.6, -127.3, 0.0, 1.2);
( -63.6, -120.2, 0.0, 1.2);	( -70.7, -113.1, 0.0, 1.2);
( -74.2, -109.6, 0.0, 1.2);	( -77.8, -106.1, 0.0, 1.2);
( -79.9, -103.9, 0.0, 1.2);	( -81.3, -102.5, 0.0, 1.2);
( -82.7, -101.1, 0.0, 1.2);	( -84.2, -99.7, 0.0, 1.2);
( -85.6, -98.3, 0.0, 1.2);	( -98.3, -85.6, 0.0, 1.2);
( -99.7, -84.2, 0.0, 1.2);	( -101.1, -82.7, 0.0, 1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -102.5,	-81.3,	0.0,	1.2);	( -103.9,	-79.9,	0.0,	1.2);
( -106.1,	-77.8,	0.0,	1.2);	( -109.6,	-74.2,	0.0,	1.2);
( -113.1,	-70.7,	0.0,	1.2);	( -120.2,	-63.6,	0.0,	1.2);
( -127.3,	-56.6,	0.0,	1.2);	( -134.4,	-49.5,	0.0,	1.2);
( -141.4,	-42.4,	0.0,	1.2);	( -148.5,	-35.4,	0.0,	1.2);
( -155.6,	-28.3,	0.0,	1.2);	( -162.6,	-21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -28.3,	-169.7,	0.0,	1.2);	( -35.4,	-162.6,	0.0,	1.2);
( -42.4,	-155.6,	0.0,	1.2);	( -49.5,	-148.5,	0.0,	1.2);
( -56.6,	-141.4,	0.0,	1.2);	( -63.6,	-134.4,	0.0,	1.2);
( -70.7,	-127.3,	0.0,	1.2);	( -77.8,	-120.2,	0.0,	1.2);
( -81.3,	-116.7,	0.0,	1.2);	( -84.8,	-113.1,	0.0,	1.2);
( -87.0,	-111.0,	0.0,	1.2);	( -88.4,	-109.6,	0.0,	1.2);
( -89.8,	-108.2,	0.0,	1.2);	( -91.2,	-106.8,	0.0,	1.2);
( -92.6,	-105.4,	0.0,	1.2);	( -105.4,	-92.6,	0.0,	1.2);
( -106.8,	-91.2,	0.0,	1.2);	( -108.2,	-89.8,	0.0,	1.2);
( -109.6,	-88.4,	0.0,	1.2);	( -111.0,	-87.0,	0.0,	1.2);
( -113.1,	-84.8,	0.0,	1.2);	( -116.7,	-81.3,	0.0,	1.2);
( -120.2,	-77.8,	0.0,	1.2);	( -127.3,	-70.7,	0.0,	1.2);
( -134.4,	-63.6,	0.0,	1.2);	( -141.4,	-56.6,	0.0,	1.2);
( -148.5,	-49.5,	0.0,	1.2);	( -155.6,	-42.4,	0.0,	1.2);
( -162.6,	-35.4,	0.0,	1.2);	( -169.7,	-28.3,	0.0,	1.2);
( -35.4,	-176.8,	0.0,	1.2);	( -42.4,	-169.7,	0.0,	1.2);
( -49.5,	-162.6,	0.0,	1.2);	( -56.6,	-155.6,	0.0,	1.2);
( -63.6,	-148.5,	0.0,	1.2);	( -70.7,	-141.4,	0.0,	1.2);
( -77.8,	-134.4,	0.0,	1.2);	( -84.8,	-127.3,	0.0,	1.2);
( -88.4,	-123.7,	0.0,	1.2);	( -91.9,	-120.2,	0.0,	1.2);
( -94.1,	-118.1,	0.0,	1.2);	( -95.5,	-116.7,	0.0,	1.2);
( -96.9,	-115.3,	0.0,	1.2);	( -98.3,	-113.8,	0.0,	1.2);
( -99.7,	-112.4,	0.0,	1.2);	( -112.4,	-99.7,	0.0,	1.2);
( -113.8,	-98.3,	0.0,	1.2);	( -115.3,	-96.9,	0.0,	1.2);
( -116.7,	-95.5,	0.0,	1.2);	( -118.1,	-94.1,	0.0,	1.2);
( -120.2,	-91.9,	0.0,	1.2);	( -123.7,	-88.4,	0.0,	1.2);
( -127.3,	-84.8,	0.0,	1.2);	( -134.4,	-77.8,	0.0,	1.2);
( -141.4,	-70.7,	0.0,	1.2);	( -148.5,	-63.6,	0.0,	1.2);
( -155.6,	-56.6,	0.0,	1.2);	( -162.6,	-49.5,	0.0,	1.2);
( -169.7,	-42.4,	0.0,	1.2);	( -176.8,	-35.4,	0.0,	1.2);
( -42.4,	-183.9,	0.0,	1.2);	( -49.5,	-176.8,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-169.7,	0.0,	1.2);	( -63.6,	-162.6,	0.0,	1.2);
( -70.7,	-155.6,	0.0,	1.2);	( -77.8,	-148.5,	0.0,	1.2);
( -84.8,	-141.4,	0.0,	1.2);	( -91.9,	-134.4,	0.0,	1.2);
( -95.5,	-130.8,	0.0,	1.2);	( -99.0,	-127.3,	0.0,	1.2);
( -101.1,	-125.2,	0.0,	1.2);	( -102.5,	-123.7,	0.0,	1.2);
( -103.9,	-122.3,	0.0,	1.2);	( -105.4,	-120.9,	0.0,	1.2);
( -106.8,	-119.5,	0.0,	1.2);	( -119.5,	-106.8,	0.0,	1.2);
( -120.9,	-105.4,	0.0,	1.2);	( -122.3,	-103.9,	0.0,	1.2);
( -123.7,	-102.5,	0.0,	1.2);	( -125.2,	-101.1,	0.0,	1.2);
( -127.3,	-99.0,	0.0,	1.2);	( -130.8,	-95.5,	0.0,	1.2);
( -134.4,	-91.9,	0.0,	1.2);	( -141.4,	-84.8,	0.0,	1.2);
( -148.5,	-77.8,	0.0,	1.2);	( -155.6,	-70.7,	0.0,	1.2);
( -162.6,	-63.6,	0.0,	1.2);	( -169.7,	-56.6,	0.0,	1.2);
( -176.8,	-49.5,	0.0,	1.2);	( -183.9,	-42.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -49.5,	-190.9,	0.0,	1.2);	( -56.6,	-183.9,	0.0,	1.2);
( -63.6,	-176.8,	0.0,	1.2);	( -70.7,	-169.7,	0.0,	1.2);
( -77.8,	-162.6,	0.0,	1.2);	( -84.8,	-155.6,	0.0,	1.2);
( -91.9,	-148.5,	0.0,	1.2);	( -99.0,	-141.4,	0.0,	1.2);
( -102.5,	-137.9,	0.0,	1.2);	( -106.1,	-134.4,	0.0,	1.2);
( -108.2,	-132.2,	0.0,	1.2);	( -109.6,	-130.8,	0.0,	1.2);
( -111.0,	-129.4,	0.0,	1.2);	( -112.4,	-128.0,	0.0,	1.2);
( -113.8,	-126.6,	0.0,	1.2);	( -126.6,	-113.8,	0.0,	1.2);
( -128.0,	-112.4,	0.0,	1.2);	( -129.4,	-111.0,	0.0,	1.2);
( -130.8,	-109.6,	0.0,	1.2);	( -132.2,	-108.2,	0.0,	1.2);
( -134.4,	-106.1,	0.0,	1.2);	( -137.9,	-102.5,	0.0,	1.2);
( -141.4,	-99.0,	0.0,	1.2);	( -148.5,	-91.9,	0.0,	1.2);
( -155.6,	-84.8,	0.0,	1.2);	( -162.6,	-77.8,	0.0,	1.2);
( -169.7,	-70.7,	0.0,	1.2);	( -176.8,	-63.6,	0.0,	1.2);
( -183.9,	-56.6,	0.0,	1.2);	( -190.9,	-49.5,	0.0,	1.2);
( -56.6,	-198.0,	0.0,	1.2);	( -63.6,	-190.9,	0.0,	1.2);
( -70.7,	-183.9,	0.0,	1.2);	( -77.8,	-176.8,	0.0,	1.2);
( -84.8,	-169.7,	0.0,	1.2);	( -91.9,	-162.6,	0.0,	1.2);
( -99.0,	-155.6,	0.0,	1.2);	( -106.1,	-148.5,	0.0,	1.2);
( -109.6,	-145.0,	0.0,	1.2);	( -113.1,	-141.4,	0.0,	1.2);
( -115.3,	-139.3,	0.0,	1.2);	( -116.7,	-137.9,	0.0,	1.2);
( -118.1,	-136.5,	0.0,	1.2);	( -119.5,	-135.1,	0.0,	1.2);
( -120.9,	-133.6,	0.0,	1.2);	( -133.6,	-120.9,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -135.1,	-119.5,	0.0,	1.2);	( -136.5,	-118.1,	0.0,	1.2);
( -137.9,	-116.7,	0.0,	1.2);	( -139.3,	-115.3,	0.0,	1.2);
( -141.4,	-113.1,	0.0,	1.2);	( -145.0,	-109.6,	0.0,	1.2);
( -148.5,	-106.1,	0.0,	1.2);	( -155.6,	-99.0,	0.0,	1.2);
( -162.6,	-91.9,	0.0,	1.2);	( -169.7,	-84.8,	0.0,	1.2);
( -176.8,	-77.8,	0.0,	1.2);	( -183.9,	-70.7,	0.0,	1.2);
( -190.9,	-63.6,	0.0,	1.2);	( -198.0,	-56.6,	0.0,	1.2);
( -63.6,	-205.1,	0.0,	1.2);	( -70.7,	-198.0,	0.0,	1.2);
( -77.8,	-190.9,	0.0,	1.2);	( -84.8,	-183.9,	0.0,	1.2);
( -91.9,	-176.8,	0.0,	1.2);	( -99.0,	-169.7,	0.0,	1.2);
( -106.1,	-162.6,	0.0,	1.2);	( -113.1,	-155.6,	0.0,	1.2);
( -116.7,	-152.0,	0.0,	1.2);	( -120.2,	-148.5,	0.0,	1.2);
( -122.3,	-146.4,	0.0,	1.2);	( -123.7,	-145.0,	0.0,	1.2);
( -125.2,	-143.5,	0.0,	1.2);	( -126.6,	-142.1,	0.0,	1.2);
( -128.0,	-140.7,	0.0,	1.2);	( -140.7,	-128.0,	0.0,	1.2);
( -142.1,	-126.6,	0.0,	1.2);	( -143.5,	-125.2,	0.0,	1.2);
( -145.0,	-123.7,	0.0,	1.2);	( -146.4,	-122.3,	0.0,	1.2);
( -148.5,	-120.2,	0.0,	1.2);	( -152.0,	-116.7,	0.0,	1.2);
( -155.6,	-113.1,	0.0,	1.2);	( -162.6,	-106.1,	0.0,	1.2);
( -169.7,	-99.0,	0.0,	1.2);	( -176.8,	-91.9,	0.0,	1.2);
( -183.9,	-84.8,	0.0,	1.2);	( -190.9,	-77.8,	0.0,	1.2);
( -198.0,	-70.7,	0.0,	1.2);	( -205.1,	-63.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -70.7,	-212.1,	0.0,	1.2);	( -77.8,	-205.1,	0.0,	1.2);
( -84.8,	-198.0,	0.0,	1.2);	( -91.9,	-190.9,	0.0,	1.2);
( -99.0,	-183.9,	0.0,	1.2);	( -106.1,	-176.8,	0.0,	1.2);
( -113.1,	-169.7,	0.0,	1.2);	( -120.2,	-162.6,	0.0,	1.2);
( -123.7,	-159.1,	0.0,	1.2);	( -127.3,	-155.6,	0.0,	1.2);
( -129.4,	-153.4,	0.0,	1.2);	( -130.8,	-152.0,	0.0,	1.2);
( -132.2,	-150.6,	0.0,	1.2);	( -133.6,	-149.2,	0.0,	1.2);
( -135.1,	-147.8,	0.0,	1.2);	( -147.8,	-135.1,	0.0,	1.2);
( -149.2,	-133.6,	0.0,	1.2);	( -150.6,	-132.2,	0.0,	1.2);
( -152.0,	-130.8,	0.0,	1.2);	( -153.4,	-129.4,	0.0,	1.2);
( -155.6,	-127.3,	0.0,	1.2);	( -159.1,	-123.7,	0.0,	1.2);
( -162.6,	-120.2,	0.0,	1.2);	( -169.7,	-113.1,	0.0,	1.2);
( -176.8,	-106.1,	0.0,	1.2);	( -183.9,	-99.0,	0.0,	1.2);
( -190.9,	-91.9,	0.0,	1.2);	( -198.0,	-84.8,	0.0,	1.2);
( -205.1,	-77.8,	0.0,	1.2);	( -212.1,	-70.7,	0.0,	1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -77.8, -219.2, 0.0, 1.2);	( -84.8, -212.1, 0.0, 1.2);
( -91.9, -205.1, 0.0, 1.2);	( -99.0, -198.0, 0.0, 1.2);
( -106.1, -190.9, 0.0, 1.2);	( -113.1, -183.9, 0.0, 1.2);
( -120.2, -176.8, 0.0, 1.2);	( -127.3, -169.7, 0.0, 1.2);
( -130.8, -166.2, 0.0, 1.2);	( -134.4, -162.6, 0.0, 1.2);
( -136.5, -160.5, 0.0, 1.2);	( -137.9, -159.1, 0.0, 1.2);
( -139.3, -157.7, 0.0, 1.2);	( -140.7, -156.3, 0.0, 1.2);
( -142.1, -154.9, 0.0, 1.2);	( -154.9, -142.1, 0.0, 1.2);
( -156.3, -140.7, 0.0, 1.2);	( -157.7, -139.3, 0.0, 1.2);
( -159.1, -137.9, 0.0, 1.2);	( -160.5, -136.5, 0.0, 1.2);
( -162.6, -134.4, 0.0, 1.2);	( -166.2, -130.8, 0.0, 1.2);
( -169.7, -127.3, 0.0, 1.2);	( -176.8, -120.2, 0.0, 1.2);
( -183.9, -113.1, 0.0, 1.2);	( -190.9, -106.1, 0.0, 1.2);
( -198.0, -99.0, 0.0, 1.2);	( -205.1, -91.9, 0.0, 1.2);
( -212.1, -84.8, 0.0, 1.2);	( -219.2, -77.8, 0.0, 1.2);
( -84.8, -226.3, 0.0, 1.2);	( -91.9, -219.2, 0.0, 1.2);
( -99.0, -212.1, 0.0, 1.2);	( -106.1, -205.1, 0.0, 1.2);
( -113.1, -198.0, 0.0, 1.2);	( -120.2, -190.9, 0.0, 1.2);
( -127.3, -183.9, 0.0, 1.2);	( -134.4, -176.8, 0.0, 1.2);
( -137.9, -173.2, 0.0, 1.2);	( -141.4, -169.7, 0.0, 1.2);
( -143.5, -167.6, 0.0, 1.2);	( -145.0, -166.2, 0.0, 1.2);
( -146.4, -164.8, 0.0, 1.2);	( -147.8, -163.3, 0.0, 1.2);
( -149.2, -161.9, 0.0, 1.2);	( -161.9, -149.2, 0.0, 1.2);
( -163.3, -147.8, 0.0, 1.2);	( -164.8, -146.4, 0.0, 1.2);
( -166.2, -145.0, 0.0, 1.2);	( -167.6, -143.5, 0.0, 1.2);
( -169.7, -141.4, 0.0, 1.2);	( -173.2, -137.9, 0.0, 1.2);
( -176.8, -134.4, 0.0, 1.2);	( -183.9, -127.3, 0.0, 1.2);
( -190.9, -120.2, 0.0, 1.2);	( -198.0, -113.1, 0.0, 1.2);
( -205.1, -106.1, 0.0, 1.2);	( -212.1, -99.0, 0.0, 1.2);
( -219.2, -91.9, 0.0, 1.2);	( -226.3, -84.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -91.9, -233.4, 0.0, 1.2);	( -99.0, -226.3, 0.0, 1.2);
( -106.1, -219.2, 0.0, 1.2);	( -113.1, -212.1, 0.0, 1.2);
( -120.2, -205.1, 0.0, 1.2);	( -127.3, -198.0, 0.0, 1.2);
( -134.4, -190.9, 0.0, 1.2);	( -141.4, -183.9, 0.0, 1.2);
( -145.0, -180.3, 0.0, 1.2);	( -148.5, -176.8, 0.0, 1.2);
( -150.6, -174.7, 0.0, 1.2);	( -152.0, -173.2, 0.0, 1.2);
( -153.4, -171.8, 0.0, 1.2);	( -154.9, -170.4, 0.0, 1.2);

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -156.3,	-169.0,	0.0,	1.2);	( -169.0,	-156.3,	0.0,	1.2);
( -170.4,	-154.9,	0.0,	1.2);	( -171.8,	-153.4,	0.0,	1.2);
( -173.2,	-152.0,	0.0,	1.2);	( -174.7,	-150.6,	0.0,	1.2);
( -176.8,	-148.5,	0.0,	1.2);	( -180.3,	-145.0,	0.0,	1.2);
( -183.9,	-141.4,	0.0,	1.2);	( -190.9,	-134.4,	0.0,	1.2);
( -198.0,	-127.3,	0.0,	1.2);	( -205.1,	-120.2,	0.0,	1.2);
( -212.1,	-113.1,	0.0,	1.2);	( -219.2,	-106.1,	0.0,	1.2);
( -226.3,	-99.0,	0.0,	1.2);	( -233.4,	-91.9,	0.0,	1.2);
( -99.0,	-240.4,	0.0,	1.2);	( -106.1,	-233.4,	0.0,	1.2);
( -113.1,	-226.3,	0.0,	1.2);	( -120.2,	-219.2,	0.0,	1.2);
( -127.3,	-212.1,	0.0,	1.2);	( -134.4,	-205.1,	0.0,	1.2);
( -141.4,	-198.0,	0.0,	1.2);	( -148.5,	-190.9,	0.0,	1.2);
( -152.0,	-187.4,	0.0,	1.2);	( -155.6,	-183.9,	0.0,	1.2);
( -157.7,	-181.7,	0.0,	1.2);	( -159.1,	-180.3,	0.0,	1.2);
( -160.5,	-178.9,	0.0,	1.2);	( -161.9,	-177.5,	0.0,	1.2);
( -163.3,	-176.1,	0.0,	1.2);	( -176.1,	-163.3,	0.0,	1.2);
( -177.5,	-161.9,	0.0,	1.2);	( -178.9,	-160.5,	0.0,	1.2);
( -180.3,	-159.1,	0.0,	1.2);	( -181.7,	-157.7,	0.0,	1.2);
( -183.9,	-155.6,	0.0,	1.2);	( -187.4,	-152.0,	0.0,	1.2);
( -190.9,	-148.5,	0.0,	1.2);	( -198.0,	-141.4,	0.0,	1.2);
( -205.1,	-134.4,	0.0,	1.2);	( -212.1,	-127.3,	0.0,	1.2);
( -219.2,	-120.2,	0.0,	1.2);	( -226.3,	-113.1,	0.0,	1.2);
( -233.4,	-106.1,	0.0,	1.2);	( -240.4,	-99.0,	0.0,	1.2);
( -106.1,	-247.5,	0.0,	1.2);	( -113.1,	-240.4,	0.0,	1.2);
( -120.2,	-233.4,	0.0,	1.2);	( -127.3,	-226.3,	0.0,	1.2);
( -134.4,	-219.2,	0.0,	1.2);	( -141.4,	-212.1,	0.0,	1.2);
( -148.5,	-205.1,	0.0,	1.2);	( -155.6,	-198.0,	0.0,	1.2);
( -159.1,	-194.4,	0.0,	1.2);	( -162.6,	-190.9,	0.0,	1.2);
( -164.8,	-188.8,	0.0,	1.2);	( -166.2,	-187.4,	0.0,	1.2);
( -167.6,	-186.0,	0.0,	1.2);	( -169.0,	-184.6,	0.0,	1.2);
( -170.4,	-183.1,	0.0,	1.2);	( -183.1,	-170.4,	0.0,	1.2);
( -184.6,	-169.0,	0.0,	1.2);	( -186.0,	-167.6,	0.0,	1.2);
( -187.4,	-166.2,	0.0,	1.2);	( -188.8,	-164.8,	0.0,	1.2);
( -190.9,	-162.6,	0.0,	1.2);	( -194.4,	-159.1,	0.0,	1.2);
( -198.0,	-155.6,	0.0,	1.2);	( -205.1,	-148.5,	0.0,	1.2);
( -212.1,	-141.4,	0.0,	1.2);	( -219.2,	-134.4,	0.0,	1.2);
( -226.3,	-127.3,	0.0,	1.2);	( -233.4,	-120.2,	0.0,	1.2);
( -240.4,	-113.1,	0.0,	1.2);	( -247.5,	-106.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)





14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00001
233.35	120.21	0.00001	226.27	127.28	0.00001
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00001	219.20	120.21	0.00001



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00001	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00001	169.71	127.28	0.00001
166.17	130.81	0.00001	162.63	134.35	0.00001
160.51	136.47	0.00001	159.10	137.89	0.00001
157.68	139.30	0.00001	156.27	140.71	0.00001
154.86	142.13	0.00001	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00001
134.35	162.63	0.00001	130.81	166.17	0.00001
127.28	169.71	0.00001	120.21	176.78	0.00001
113.14	183.85	0.00001	106.07	190.92	0.00001
99.00	197.99	0.00001	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00002
159.10	123.74	0.00001	155.56	127.28	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00001	152.03	130.81	0.00001
150.61	132.23	0.00001	149.20	133.64	0.00001
147.79	135.06	0.00001	135.06	147.79	0.00001
133.64	149.20	0.00001	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00001	123.74	159.10	0.00001
120.21	162.63	0.00001	113.14	169.71	0.00001
106.07	176.78	0.00001	98.99	183.85	0.00001
91.92	190.92	0.00001	84.85	197.99	0.00001
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00001
126.57	142.13	0.00001	125.16	143.54	0.00001
123.74	144.96	0.00001	122.33	146.37	0.00001
120.21	148.49	0.00001	116.67	152.03	0.00001
113.14	155.56	0.00001	106.07	162.63	0.00001
98.99	169.71	0.00001	91.92	176.78	0.00001
84.85	183.85	0.00001	77.78	190.92	0.00001
70.71	197.99	0.00001	63.64	205.06	0.00001
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00002
119.50	135.06	0.00002	118.09	136.47	0.00002
116.67	137.89	0.00002	115.26	139.30	0.00002
113.14	141.42	0.00002	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00002
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 26

CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00003	183.85	56.57	0.00002
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00002	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00003	176.78	49.50	0.00003
169.71	56.57	0.00002	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00002
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00003	155.56	56.57	0.00002
148.49	63.64	0.00002	141.42	70.71	0.00002
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00003
141.42	56.57	0.00002	134.35	63.64	0.00002
127.28	70.71	0.00002	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00004	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00003
120.21	63.64	0.00002	113.14	70.71	0.00002
109.60	74.25	0.00002	106.07	77.78	0.00002
103.94	79.90	0.00002	102.53	81.32	0.00002
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00004	148.49	21.21	0.00004
141.42	28.28	0.00003	134.35	35.36	0.00003



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00003
62.93	78.49	0.00003	61.52	79.90	0.00003
60.10	81.32	0.00003	58.69	82.73	0.00003
56.57	84.85	0.00003	53.03	88.39	0.00002
49.50	91.92	0.00002	42.43	98.99	0.00002
35.36	106.07	0.00002	28.28	113.14	0.00002
21.21	120.21	0.00002	14.14	127.28	0.00002
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00005	127.28	0.00	0.00005
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00003
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00003	21.21	106.07	0.00003
14.14	113.14	0.00003	7.07	120.21	0.00003
0.00	127.28	0.00002	-7.07	134.35	0.00002
127.28	-14.14	0.00006	120.21	-7.07	0.00005
113.14	0.00	0.00005	106.07	7.07	0.00004
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00003
-7.07	120.21	0.00003	-14.14	127.28	0.00003
120.21	-21.21	0.00006	113.14	-14.14	0.00006
106.07	-7.07	0.00005	98.99	0.00	0.00005
91.92	7.07	0.00005	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00004	63.64	35.36	0.00003
61.52	37.48	0.00003	60.10	38.89	0.00003
58.69	40.31	0.00003	57.28	41.72	0.00003
55.86	43.13	0.00003	43.13	55.86	0.00003
41.72	57.28	0.00003	40.31	58.69	0.00003
38.89	60.10	0.00003	37.48	61.52	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00003	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00007	106.07	-21.21	0.00007
98.99	-14.14	0.00006	91.92	-7.07	0.00005
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00003
34.65	50.20	0.00003	33.23	51.62	0.00003
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00003	-14.14	98.99	0.00003

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00008	98.99	-28.28	0.00007
91.92	-21.21	0.00007	84.85	-14.14	0.00006
77.78	-7.07	0.00006	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00004
0.00	70.71	0.00004	-7.07	77.78	0.00004
-14.14	84.85	0.00003	-21.21	91.92	0.00003
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00009	91.92	-35.36	0.00008
84.85	-28.28	0.00008	77.78	-21.21	0.00007
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00005	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00004	38.89	17.68	0.00004
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00004
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00004	-28.28	84.85	0.00004
-35.36	91.92	0.00003	-42.43	98.99	0.00003
91.92	-49.50	0.00010	84.85	-42.43	0.00010
77.78	-35.36	0.00009	70.71	-28.28	0.00008
63.64	-21.21	0.00007	56.57	-14.14	0.00006

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00005
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00005	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00004
13.44	28.99	0.00004	12.02	30.41	0.00004
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00004	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00003
84.85	-56.57	0.00012	77.78	-49.50	0.00011
70.71	-42.43	0.00010	63.64	-35.36	0.00009
56.57	-28.28	0.00008	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00006
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00005	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00005	2.12	26.16	0.00005
0.00	28.28	0.00005	-3.54	31.82	0.00005
-7.07	35.36	0.00005	-14.14	42.43	0.00005
-21.21	49.50	0.00005	-28.28	56.57	0.00005
-35.36	63.64	0.00004	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00014	70.71	-56.57	0.00013
63.64	-49.50	0.00012	56.57	-42.43	0.00011
49.50	-35.36	0.00009	42.43	-28.28	0.00008
35.36	-21.21	0.00007	28.28	-14.14	0.00007
24.75	-10.61	0.00006	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00006
16.26	-2.12	0.00006	14.85	-0.71	0.00006

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00005
-0.71	14.85	0.00005	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00005
-28.28	42.43	0.00005	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00004
-56.57	70.71	0.00004	-63.64	77.78	0.00004
70.71	-70.71	0.00016	63.64	-63.64	0.00015
56.57	-56.57	0.00014	49.50	-49.50	0.00012
42.43	-42.43	0.00011	35.36	-35.36	0.00010
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00007	14.14	-14.14	0.00007
12.02	-12.02	0.00007	10.61	-10.61	0.00007
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00006	-12.02	12.02	0.00006
-14.14	14.14	0.00006	-17.68	17.68	0.00006
-21.21	21.21	0.00006	-28.28	28.28	0.00006
-35.36	35.36	0.00006	-42.43	42.43	0.00005
-49.50	49.50	0.00005	-56.57	56.57	0.00005
-63.64	63.64	0.00004	-70.71	70.71	0.00004
63.64	-77.78	0.00018	56.57	-70.71	0.00017
49.50	-63.64	0.00016	42.43	-56.57	0.00014
35.36	-49.50	0.00013	28.28	-42.43	0.00011
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00008	7.07	-21.21	0.00008
4.95	-19.09	0.00008	3.54	-17.68	0.00008
2.12	-16.26	0.00008	0.71	-14.85	0.00007
-0.71	-13.44	0.00007	-13.44	-0.71	0.00007
-14.85	0.71	0.00007	-16.26	2.12	0.00007
-17.68	3.54	0.00007	-19.09	4.95	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00007	-24.75	10.61	0.00007

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00007	-35.36	21.21	0.00006
-42.43	28.28	0.00006	-49.50	35.36	0.00006
-56.57	42.43	0.00005	-63.64	49.50	0.00005
-70.71	56.57	0.00005	-77.78	63.64	0.00005
56.57	-84.85	0.00022	49.50	-77.78	0.00020
42.43	-70.71	0.00019	35.36	-63.64	0.00017
28.28	-56.57	0.00015	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00010
3.54	-31.82	0.00010	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00008
-7.78	-20.51	0.00008	-20.51	-7.78	0.00008
-21.92	-6.36	0.00008	-23.33	-4.95	0.00008
-24.75	-3.54	0.00008	-26.16	-2.12	0.00008
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00007	-42.43	14.14	0.00007
-49.50	21.21	0.00007	-56.57	28.28	0.00006
-63.64	35.36	0.00006	-70.71	42.43	0.00006
-77.78	49.50	0.00005	-84.85	56.57	0.00005
49.50	-91.92	0.00026	42.43	-84.85	0.00024
35.36	-77.78	0.00023	28.28	-70.71	0.00021
21.21	-63.64	0.00018	14.14	-56.57	0.00016
7.07	-49.50	0.00014	0.00	-42.43	0.00012
-3.54	-38.89	0.00011	-7.07	-35.36	0.00011
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00009
-31.82	-10.61	0.00009	-33.23	-9.19	0.00009
-35.36	-7.07	0.00009	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00008	-63.64	21.21	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00006
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00032	35.36	-91.92	0.00030
28.28	-84.85	0.00027	21.21	-77.78	0.00025
14.14	-70.71	0.00023	7.07	-63.64	0.00020
0.00	-56.57	0.00017	-7.07	-49.50	0.00014
-10.61	-45.96	0.00013	-14.14	-42.43	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00012	-17.68	-38.89	0.00012
-19.09	-37.48	0.00011	-20.51	-36.06	0.00011
-21.92	-34.65	0.00011	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00010	-40.31	-16.26	0.00010
-42.43	-14.14	0.00010	-45.96	-10.61	0.00010
-49.50	-7.07	0.00010	-56.57	0.00	0.00009
-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00007	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00006
35.36	-106.07	0.00038	28.28	-98.99	0.00036
21.21	-91.92	0.00034	14.14	-84.85	0.00031
7.07	-77.78	0.00028	0.00	-70.71	0.00025
-7.07	-63.64	0.00021	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00015
-23.33	-47.38	0.00014	-24.75	-45.96	0.00014
-26.16	-44.55	0.00014	-27.58	-43.13	0.00013
-28.99	-41.72	0.00013	-41.72	-28.99	0.00012
-43.13	-27.58	0.00012	-44.55	-26.16	0.00011
-45.96	-24.75	0.00011	-47.38	-23.33	0.00011
-49.50	-21.21	0.00011	-53.03	-17.68	0.00011
-56.57	-14.14	0.00011	-63.64	-7.07	0.00010
-70.71	0.00	0.00009	-77.78	7.07	0.00009
-84.85	14.14	0.00008	-91.92	21.21	0.00008
-98.99	28.28	0.00008	-106.07	35.36	0.00007
28.28	-113.14	0.00047	21.21	-106.07	0.00045
14.14	-98.99	0.00043	7.07	-91.92	0.00039
0.00	-84.85	0.00035	-7.07	-77.78	0.00031
-14.14	-70.71	0.00027	-21.21	-63.64	0.00022
-24.75	-60.10	0.00020	-28.28	-56.57	0.00018
-30.41	-54.45	0.00017	-31.82	-53.03	0.00017
-33.23	-51.62	0.00016	-34.65	-50.20	0.00016
-36.06	-48.79	0.00015	-48.79	-36.06	0.00014
-50.20	-34.65	0.00014	-51.62	-33.23	0.00013
-53.03	-31.82	0.00013	-54.45	-30.41	0.00013
-56.57	-28.28	0.00013	-60.10	-24.75	0.00013
-63.64	-21.21	0.00013	-70.71	-14.14	0.00012
-77.78	-7.07	0.00011	-84.85	0.00	0.00010
-91.92	7.07	0.00009	-98.99	14.14	0.00009



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00065	-42.43	-84.85	0.00053
-45.96	-81.32	0.00047	-49.50	-77.78	0.00040
-51.62	-75.66	0.00037	-53.03	-74.25	0.00035
-54.45	-72.83	0.00033	-55.86	-71.42	0.00031
-57.28	-70.00	0.00030	-70.00	-57.28	0.00024
-71.42	-55.86	0.00024	-72.83	-54.45	0.00024
-74.25	-53.03	0.00023	-75.66	-51.62	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00023	-81.32	-45.96	0.00021
-84.85	-42.43	0.00020	-91.92	-35.36	0.00018
-98.99	-28.28	0.00017	-106.07	-21.21	0.00017
-113.14	-14.14	0.00016	-120.21	-7.07	0.00016
-127.28	0.00	0.00015	-134.35	7.07	0.00015
0.00	-141.42	0.00111	-7.07	-134.35	0.00115
-14.14	-127.28	0.00117	-21.21	-120.21	0.00117
-28.28	-113.14	0.00114	-35.36	-106.07	0.00107
-42.43	-98.99	0.00095	-49.50	-91.92	0.00078
-53.03	-88.39	0.00069	-56.57	-84.85	0.00059
-58.69	-82.73	0.00053	-60.10	-81.32	0.00050
-61.52	-79.90	0.00046	-62.93	-78.49	0.00043
-64.35	-77.07	0.00041	-77.07	-64.35	0.00031
-78.49	-62.93	0.00030	-79.90	-61.52	0.00030
-81.32	-60.10	0.00029	-82.73	-58.69	0.00029
-84.85	-56.57	0.00028	-88.39	-53.03	0.00026
-91.92	-49.50	0.00025	-98.99	-42.43	0.00023
-106.07	-35.36	0.00022	-113.14	-28.28	0.00021
-120.21	-21.21	0.00020	-127.28	-14.14	0.00020
-134.35	-7.07	0.00019	-141.42	0.00	0.00018
-7.07	-148.49	0.00136	-14.14	-141.42	0.00144
-21.21	-134.35	0.00151	-28.28	-127.28	0.00156
-35.36	-120.21	0.00158	-42.43	-113.14	0.00155
-49.50	-106.07	0.00145	-56.57	-98.99	0.00125
-60.10	-95.46	0.00110	-63.64	-91.92	0.00094
-65.76	-89.80	0.00084	-67.18	-88.39	0.00077
-68.59	-86.97	0.00071	-70.00	-85.56	0.00065



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00059	-84.15	-71.42	0.00040
-85.56	-70.00	0.00039	-86.97	-68.59	0.00038
-88.39	-67.18	0.00037	-89.80	-65.76	0.00036
-91.92	-63.64	0.00034	-95.46	-60.10	0.00033
-98.99	-56.57	0.00031	-106.07	-49.50	0.00030
-113.14	-42.43	0.00029	-120.21	-35.36	0.00028
-127.28	-28.28	0.00027	-134.35	-21.21	0.00025
-141.42	-14.14	0.00024	-148.49	-7.07	0.00023
-14.14	-155.56	0.00164	-21.21	-148.49	0.00178
-28.28	-141.42	0.00192	-35.36	-134.35	0.00205
-42.43	-127.28	0.00217	-49.50	-120.21	0.00225
-56.57	-113.14	0.00225	-63.64	-106.07	0.00210
-67.18	-102.53	0.00194	-70.71	-98.99	0.00171

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00153	-74.25	-95.46	0.00141
-75.66	-94.05	0.00127	-77.07	-92.63	0.00114
-78.49	-91.22	0.00101	-91.22	-78.49	0.00053
-92.63	-77.07	0.00051	-94.05	-75.66	0.00050
-95.46	-74.25	0.00048	-96.87	-72.83	0.00047
-98.99	-70.71	0.00046	-102.53	-67.18	0.00045
-106.07	-63.64	0.00044	-113.14	-56.57	0.00042
-120.21	-49.50	0.00040	-127.28	-42.43	0.00038
-134.35	-35.36	0.00035	-141.42	-28.28	0.00033
-148.49	-21.21	0.00031	-155.56	-14.14	0.00028
-21.21	-162.63	0.00193	-28.28	-155.56	0.00213
-35.36	-148.49	0.00236	-42.43	-141.42	0.00260
-49.50	-134.35	0.00286	-56.57	-127.28	0.00313
-63.64	-120.21	0.00336	-70.71	-113.14	0.00349
-74.25	-109.60	0.00347	-77.78	-106.07	0.00335
-79.90	-103.94	0.00320	-81.32	-102.53	0.00306
-82.73	-101.12	0.00287	-84.15	-99.70	0.00263
-85.56	-98.29	0.00234	-98.29	-85.56	0.00077
-99.70	-84.15	0.00076	-101.12	-82.73	0.00076
-102.53	-81.32	0.00076	-103.94	-79.90	0.00075
-106.07	-77.78	0.00074	-109.60	-74.25	0.00072

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00069	-120.21	-63.64	0.00063
-127.28	-56.57	0.00057	-134.35	-49.50	0.00052
-141.42	-42.43	0.00047	-148.49	-35.36	0.00042
-155.56	-28.28	0.00038	-162.63	-21.21	0.00035
-28.28	-169.71	0.00220	-35.36	-162.63	0.00247
-42.43	-155.56	0.00278	-49.50	-148.49	0.00314
-56.57	-141.42	0.00355	-63.64	-134.35	0.00401
-70.71	-127.28	0.00450	-77.78	-120.21	0.00499
-81.32	-116.67	0.00520	-84.85	-113.14	0.00534
-86.97	-111.02	0.00538	-88.39	-109.60	0.00538
-89.80	-108.19	0.00536	-91.22	-106.77	0.00536
-92.63	-105.36	0.00533	-105.36	-92.63	0.00153
-106.77	-91.22	0.00146	-108.19	-89.80	0.00139
-109.60	-88.39	0.00134	-111.02	-86.97	0.00130
-113.14	-84.85	0.00123	-116.67	-81.32	0.00114
-120.21	-77.78	0.00105	-127.28	-70.71	0.00090
-134.35	-63.64	0.00077	-141.42	-56.57	0.00067
-148.49	-49.50	0.00059	-155.56	-42.43	0.00052
-162.63	-35.36	0.00046	-169.71	-28.28	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00242	-42.43	-169.71	0.00275
-49.50	-162.63	0.00313	-56.57	-155.56	0.00358
-63.64	-148.49	0.00410	-70.71	-141.42	0.00469
-77.78	-134.35	0.00532	-84.85	-127.28	0.00590
-88.39	-123.74	0.00613	-91.92	-120.21	0.00626
-94.05	-118.09	0.00626	-95.46	-116.67	0.00622
-96.87	-115.26	0.00614	-98.29	-113.84	0.00606
-99.70	-112.43	0.00595	-112.43	-99.70	0.00190
-113.84	-98.29	0.00184	-115.26	-96.87	0.00180
-116.67	-95.46	0.00175	-118.09	-94.05	0.00171
-120.21	-91.92	0.00163	-123.74	-88.39	0.00150
-127.28	-84.85	0.00138	-134.35	-77.78	0.00115
-141.42	-70.71	0.00097	-148.49	-63.64	0.00083
-155.56	-56.57	0.00071	-162.63	-49.50	0.00061
-169.71	-42.43	0.00054	-176.78	-35.36	0.00047

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00258	-49.50	-176.78	0.00294
-56.57	-169.71	0.00337	-63.64	-162.63	0.00387
-70.71	-155.56	0.00445	-77.78	-148.49	0.00509
-84.85	-141.42	0.00576	-91.92	-134.35	0.00635
-95.46	-130.81	0.00654	-98.99	-127.28	0.00662
-101.12	-125.16	0.00658	-102.53	-123.74	0.00651
-103.94	-122.33	0.00641	-105.36	-120.92	0.00628
-106.77	-119.50	0.00616	-119.50	-106.77	0.00208
-120.92	-105.36	0.00202	-122.33	-103.94	0.00198
-123.74	-102.53	0.00194	-125.16	-101.12	0.00190
-127.28	-98.99	0.00184	-130.81	-95.46	0.00173
-134.35	-91.92	0.00161	-141.42	-84.85	0.00137
-148.49	-77.78	0.00115	-155.56	-70.71	0.00097
-162.63	-63.64	0.00082	-169.71	-56.57	0.00070
-176.78	-49.50	0.00061	-183.85	-42.43	0.00053
-49.50	-190.92	0.00265	-56.57	-183.85	0.00304
-63.64	-176.78	0.00348	-70.71	-169.71	0.00401
-77.78	-162.63	0.00461	-84.85	-155.56	0.00528
-91.92	-148.49	0.00597	-98.99	-141.42	0.00655
-102.53	-137.89	0.00672	-106.07	-134.35	0.00676
-108.19	-132.23	0.00671	-109.60	-130.81	0.00664
-111.02	-129.40	0.00654	-112.43	-127.99	0.00641
-113.84	-126.57	0.00628	-126.57	-113.84	0.00221
-127.99	-112.43	0.00215	-129.40	-111.02	0.00210
-130.81	-109.60	0.00206	-132.23	-108.19	0.00202

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00196	-137.89	-102.53	0.00186
-141.42	-98.99	0.00175	-148.49	-91.92	0.00151
-155.56	-84.85	0.00129	-162.63	-77.78	0.00109
-169.71	-70.71	0.00092	-176.78	-63.64	0.00078
-183.85	-56.57	0.00067	-190.92	-49.50	0.00058
-56.57	-197.99	0.00264	-63.64	-190.92	0.00302
-70.71	-183.85	0.00347	-77.78	-176.78	0.00400
-84.85	-169.71	0.00461	-91.92	-162.63	0.00529
-98.99	-155.56	0.00599	-106.07	-148.49	0.00656

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00674	-113.14	-141.42	0.00680
-115.26	-139.30	0.00675	-116.67	-137.89	0.00669
-118.09	-136.47	0.00659	-119.50	-135.06	0.00646
-120.92	-133.64	0.00633	-133.64	-120.92	0.00229
-135.06	-119.50	0.00223	-136.47	-118.09	0.00218
-137.89	-116.67	0.00214	-139.30	-115.26	0.00210
-141.42	-113.14	0.00204	-144.96	-109.60	0.00193
-148.49	-106.07	0.00183	-155.56	-98.99	0.00160
-162.63	-91.92	0.00137	-169.71	-84.85	0.00117
-176.78	-77.78	0.00099	-183.85	-70.71	0.00084
-190.92	-63.64	0.00072	-197.99	-56.57	0.00062
-63.64	-205.06	0.00254	-70.71	-197.99	0.00290
-77.78	-190.92	0.00333	-84.85	-183.85	0.00385
-91.92	-176.78	0.00445	-98.99	-169.71	0.00512
-106.07	-162.63	0.00581	-113.14	-155.56	0.00642
-116.67	-152.03	0.00663	-120.21	-148.49	0.00672
-122.33	-146.37	0.00670	-123.74	-144.96	0.00664
-125.16	-143.54	0.00655	-126.57	-142.13	0.00644
-127.99	-140.71	0.00630	-140.71	-127.99	0.00232
-142.13	-126.57	0.00226	-143.54	-125.16	0.00222
-144.96	-123.74	0.00218	-146.37	-122.33	0.00214
-148.49	-120.21	0.00208	-152.03	-116.67	0.00198
-155.56	-113.14	0.00187	-162.63	-106.07	0.00164
-169.71	-98.99	0.00141	-176.78	-91.92	0.00121
-183.85	-84.85	0.00103	-190.92	-77.78	0.00088
-197.99	-70.71	0.00075	-205.06	-63.64	0.00065
-70.71	-212.13	0.00237	-77.78	-205.06	0.00270
-84.85	-197.99	0.00309	-91.92	-190.92	0.00356
-98.99	-183.85	0.00411	-106.07	-176.78	0.00473
-113.14	-169.71	0.00539	-120.21	-162.63	0.00603
-123.74	-159.10	0.00629	-127.28	-155.56	0.00644

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00646	-130.81	-152.03	0.00644
-132.23	-150.61	0.00638	-133.64	-149.20	0.00629
-135.06	-147.79	0.00618	-147.79	-135.06	0.00231

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00225	-150.61	-132.23	0.00221
-152.03	-130.81	0.00218	-153.44	-129.40	0.00215
-155.56	-127.28	0.00209	-159.10	-123.74	0.00198
-162.63	-120.21	0.00187	-169.71	-113.14	0.00163
-176.78	-106.07	0.00141	-183.85	-98.99	0.00120
-190.92	-91.92	0.00103	-197.99	-84.85	0.00088
-205.06	-77.78	0.00076	-212.13	-70.71	0.00065
-77.78	-219.20	0.00213	-84.85	-212.13	0.00241
-91.92	-205.06	0.00274	-98.99	-197.99	0.00313
-106.07	-190.92	0.00358	-113.14	-183.85	0.00408
-120.21	-176.78	0.00465	-127.28	-169.71	0.00524
-130.81	-166.17	0.00551	-134.35	-162.63	0.00573
-136.47	-160.51	0.00582	-137.89	-159.10	0.00586
-139.30	-157.68	0.00587	-140.71	-156.27	0.00585
-142.13	-154.86	0.00582	-154.86	-142.13	0.00224
-156.27	-140.71	0.00219	-157.68	-139.30	0.00215
-159.10	-137.89	0.00212	-160.51	-136.47	0.00209
-162.63	-134.35	0.00203	-166.17	-130.81	0.00192
-169.71	-127.28	0.00180	-176.78	-120.21	0.00155
-183.85	-113.14	0.00134	-190.92	-106.07	0.00115
-197.99	-98.99	0.00099	-205.06	-91.92	0.00085
-212.13	-84.85	0.00073	-219.20	-77.78	0.00064
-84.85	-226.27	0.00186	-91.92	-219.20	0.00208
-98.99	-212.13	0.00232	-106.07	-205.06	0.00260
-113.14	-197.99	0.00290	-120.21	-190.92	0.00323
-127.28	-183.85	0.00356	-134.35	-176.78	0.00388
-137.89	-173.24	0.00402	-141.42	-169.71	0.00413
-143.54	-167.58	0.00420	-144.96	-166.17	0.00425
-146.37	-164.76	0.00432	-147.79	-163.34	0.00440
-149.20	-161.93	0.00452	-161.93	-149.20	0.00204
-163.34	-147.79	0.00198	-164.76	-146.37	0.00193
-166.17	-144.96	0.00189	-167.58	-143.54	0.00186
-169.71	-141.42	0.00180	-173.24	-137.89	0.00169
-176.78	-134.35	0.00159	-183.85	-127.28	0.00138
-190.92	-120.21	0.00120	-197.99	-113.14	0.00104
-205.06	-106.07	0.00091	-212.13	-98.99	0.00079
-219.20	-91.92	0.00069	-226.27	-84.85	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00158	-98.99	-226.27	0.00173
-106.07	-219.20	0.00189	-113.14	-212.13	0.00205
-120.21	-205.06	0.00221	-127.28	-197.99	0.00234
-134.35	-190.92	0.00243	-141.42	-183.85	0.00239
-144.96	-180.31	0.00231	-148.49	-176.78	0.00216
-150.61	-174.66	0.00203	-152.03	-173.24	0.00194
-153.44	-171.83	0.00183	-154.86	-170.41	0.00172
-156.27	-169.00	0.00160	-169.00	-156.27	0.00130
-170.41	-154.86	0.00132	-171.83	-153.44	0.00133
-173.24	-152.03	0.00134	-174.66	-150.61	0.00134
-176.78	-148.49	0.00134	-180.31	-144.96	0.00131
-183.85	-141.42	0.00126	-190.92	-134.35	0.00115
-197.99	-127.28	0.00102	-205.06	-120.21	0.00091
-212.13	-113.14	0.00081	-219.20	-106.07	0.00072
-226.27	-98.99	0.00064	-233.35	-91.92	0.00057
-98.99	-240.42	0.00131	-106.07	-233.35	0.00140
-113.14	-226.27	0.00149	-120.21	-219.20	0.00156
-127.28	-212.13	0.00161	-134.35	-205.06	0.00163
-141.42	-197.99	0.00159	-148.49	-190.92	0.00147
-152.03	-187.38	0.00137	-155.56	-183.85	0.00125
-157.68	-181.73	0.00116	-159.10	-180.31	0.00111
-160.51	-178.90	0.00106	-161.93	-177.48	0.00101
-163.34	-176.07	0.00097	-176.07	-163.34	0.00094
-177.48	-161.93	0.00094	-178.90	-160.51	0.00095
-180.31	-159.10	0.00095	-181.73	-157.68	0.00095
-183.85	-155.56	0.00096	-187.38	-152.03	0.00096
-190.92	-148.49	0.00096	-197.99	-141.42	0.00091
-205.06	-134.35	0.00085	-212.13	-127.28	0.00077
-219.20	-120.21	0.00070	-226.27	-113.14	0.00064
-233.35	-106.07	0.00058	-240.42	-98.99	0.00052
-106.07	-247.49	0.00107	-113.14	-240.42	0.00111
-120.21	-233.35	0.00115	-127.28	-226.27	0.00118
-134.35	-219.20	0.00118	-141.42	-212.13	0.00116
-148.49	-205.06	0.00110	-155.56	-197.99	0.00099
-159.10	-194.45	0.00092	-162.63	-190.92	0.00086
-164.76	-188.80	0.00083	-166.17	-187.38	0.00081
-167.58	-185.97	0.00079	-169.00	-184.55	0.00076
-170.41	-183.14	0.00075	-183.14	-170.41	0.00076
-184.55	-169.00	0.00077	-185.97	-167.58	0.00077
-187.38	-166.17	0.00076	-188.80	-164.76	0.00076

04/20/08

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00075	-194.45	-159.10	0.00074
-197.99	-155.56	0.00073	-205.06	-148.49	0.00071
-212.13	-141.42	0.00068	-219.20	-134.35	0.00064
-226.27	-127.28	0.00060	-233.35	-120.21	0.00055
-240.42	-113.14	0.00051	-247.49	-106.07	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00003	240.42	113.14	0.00003
233.35	120.21	0.00002	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00002
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00003	219.20	120.21	0.00002
212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00003
205.06	120.21	0.00002	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00004	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00004	212.13	84.85	0.00004
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00002
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00002
137.89	159.10	0.00002	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00004	190.92	91.92	0.00003
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00005	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00004
176.78	91.92	0.00003	169.71	98.99	0.00003
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00003
126.57	142.13	0.00003	125.16	143.54	0.00003
123.74	144.96	0.00003	122.33	146.37	0.00003
120.21	148.49	0.00003	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00005	190.92	63.64	0.00005
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00003
155.56	98.99	0.00003	148.49	106.07	0.00003
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00003	84.85	169.71	0.00003
77.78	176.78	0.00003	70.71	183.85	0.00003
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00006	183.85	56.57	0.00005
176.78	63.64	0.00005	169.71	70.71	0.00004

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00003
56.57	183.85	0.00003	49.50	190.92	0.00003
183.85	42.43	0.00006	176.78	49.50	0.00006
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00003
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00003	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00007	169.71	42.43	0.00007
162.63	49.50	0.00006	155.56	56.57	0.00005
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00003
98.29	113.84	0.00003	96.87	115.26	0.00003
95.46	116.67	0.00003	94.05	118.09	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

14NCRA PL94-300 DPM\_TRAV ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00008	162.63	35.36	0.00007	
155.56	42.43	0.00007	148.49	49.50	0.00006	
141.42	56.57	0.00006	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00004	
63.64	134.35	0.00004	56.57	141.42	0.00004	
49.50	148.49	0.00003	42.43	155.56	0.00003	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00009	155.56	28.28	0.00008	
148.49	35.36	0.00008	141.42	42.43	0.00007	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00005	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00004	102.53	81.32	0.00004	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00004	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00004	35.36	148.49	0.00004	
28.28	155.56	0.00003	21.21	162.63	0.00003	
155.56	14.14	0.00010	148.49	21.21	0.00010	
141.42	28.28	0.00009	134.35	35.36	0.00008	
127.28	42.43	0.00007	120.21	49.50	0.00006	
113.14	56.57	0.00006	106.07	63.64	0.00005	
102.53	67.18	0.00005	98.99	70.71	0.00005	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00005	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00004
77.07	92.63	0.00004	75.66	94.05	0.00004
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00004	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00003
148.49	7.07	0.00012	141.42	14.14	0.00011
134.35	21.21	0.00010	127.28	28.28	0.00009
120.21	35.36	0.00008	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00006
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00005	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00005	65.76	89.80	0.00005
63.64	91.92	0.00005	60.10	95.46	0.00005
56.57	98.99	0.00005	49.50	106.07	0.00005
42.43	113.14	0.00005	35.36	120.21	0.00005
28.28	127.28	0.00004	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00014	134.35	7.07	0.00013
127.28	14.14	0.00012	120.21	21.21	0.00011
113.14	28.28	0.00009	106.07	35.36	0.00008
98.99	42.43	0.00007	91.92	49.50	0.00007
88.39	53.03	0.00006	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00006
79.90	61.52	0.00006	78.49	62.93	0.00006
77.07	64.35	0.00006	64.35	77.07	0.00005
62.93	78.49	0.00005	61.52	79.90	0.00005

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00005
35.36	106.07	0.00005	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00004
7.07	134.35	0.00004	0.00	141.42	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00016	127.28	0.00	0.00015
120.21	7.07	0.00014	113.14	14.14	0.00012
106.07	21.21	0.00011	98.99	28.28	0.00010
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00007	77.78	49.50	0.00007
75.66	51.62	0.00007	74.25	53.03	0.00007
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00006	51.62	75.66	0.00006
49.50	77.78	0.00006	45.96	81.32	0.00006
42.43	84.85	0.00006	35.36	91.92	0.00006
28.28	98.99	0.00006	21.21	106.07	0.00005
14.14	113.14	0.00005	7.07	120.21	0.00005
0.00	127.28	0.00004	-7.07	134.35	0.00004
127.28	-14.14	0.00018	120.21	-7.07	0.00017
113.14	0.00	0.00016	106.07	7.07	0.00014
98.99	14.14	0.00013	91.92	21.21	0.00011
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00008	70.71	42.43	0.00008
68.59	44.55	0.00008	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00007
62.93	50.20	0.00007	50.20	62.93	0.00007
48.79	64.35	0.00007	47.38	65.76	0.00007
45.96	67.18	0.00007	44.55	68.59	0.00007
42.43	70.71	0.00007	38.89	74.25	0.00007
35.36	77.78	0.00007	28.28	84.85	0.00006
21.21	91.92	0.00006	14.14	98.99	0.00006

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00005	0.00	113.14	0.00005
-7.07	120.21	0.00005	-14.14	127.28	0.00005
120.21	-21.21	0.00022	113.14	-14.14	0.00020
106.07	-7.07	0.00019	98.99	0.00	0.00017
91.92	7.07	0.00015	84.85	14.14	0.00013
77.78	21.21	0.00012	70.71	28.28	0.00010
67.18	31.82	0.00010	63.64	35.36	0.00009
61.52	37.48	0.00009	60.10	38.89	0.00009
58.69	40.31	0.00009	57.28	41.72	0.00008
55.86	43.13	0.00008	43.13	55.86	0.00008
41.72	57.28	0.00008	40.31	58.69	0.00008
38.89	60.10	0.00008	37.48	61.52	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00007	31.82	67.18	0.00007
28.28	70.71	0.00007	21.21	77.78	0.00007
14.14	84.85	0.00007	7.07	91.92	0.00006
0.00	98.99	0.00006	-7.07	106.07	0.00006
-14.14	113.14	0.00005	-21.21	120.21	0.00005
113.14	-28.28	0.00026	106.07	-21.21	0.00024
98.99	-14.14	0.00023	91.92	-7.07	0.00021
84.85	0.00	0.00018	77.78	7.07	0.00016
70.71	14.14	0.00014	63.64	21.21	0.00012
60.10	24.75	0.00011	56.57	28.28	0.00011
54.45	30.41	0.00010	53.03	31.82	0.00010
51.62	33.23	0.00010	50.20	34.65	0.00010
48.79	36.06	0.00010	36.06	48.79	0.00009
34.65	50.20	0.00009	33.23	51.62	0.00009
31.82	53.03	0.00009	30.41	54.45	0.00009
28.28	56.57	0.00009	24.75	60.10	0.00008
21.21	63.64	0.00008	14.14	70.71	0.00008
7.07	77.78	0.00008	0.00	84.85	0.00007
-7.07	91.92	0.00007	-14.14	98.99	0.00006
-21.21	106.07	0.00006	-28.28	113.14	0.00006
106.07	-35.36	0.00032	98.99	-28.28	0.00030
91.92	-21.21	0.00027	84.85	-14.14	0.00025

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00023	70.71	0.00	0.00020
63.64	7.07	0.00017	56.57	14.14	0.00014
53.03	17.68	0.00013	49.50	21.21	0.00012
47.38	23.33	0.00012	45.96	24.75	0.00012
44.55	26.16	0.00011	43.13	27.58	0.00011
41.72	28.99	0.00011	28.99	41.72	0.00010
27.58	43.13	0.00010	26.16	44.55	0.00010
24.75	45.96	0.00010	23.33	47.38	0.00010
21.21	49.50	0.00010	17.68	53.03	0.00010
14.14	56.57	0.00010	7.07	63.64	0.00009
0.00	70.71	0.00008	-7.07	77.78	0.00008
-14.14	84.85	0.00007	-21.21	91.92	0.00007
-28.28	98.99	0.00007	-35.36	106.07	0.00006
98.99	-42.43	0.00038	91.92	-35.36	0.00036
84.85	-28.28	0.00034	77.78	-21.21	0.00031
70.71	-14.14	0.00028	63.64	-7.07	0.00025
56.57	0.00	0.00021	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00014	38.89	17.68	0.00014
37.48	19.09	0.00014	36.06	20.51	0.00013
34.65	21.92	0.00013	21.92	34.65	0.00012
20.51	36.06	0.00012	19.09	37.48	0.00011
17.68	38.89	0.00011	16.26	40.31	0.00011
14.14	42.43	0.00011	10.61	45.96	0.00011
7.07	49.50	0.00011	0.00	56.57	0.00010
-7.07	63.64	0.00009	-14.14	70.71	0.00009
-21.21	77.78	0.00008	-28.28	84.85	0.00008
-35.36	91.92	0.00008	-42.43	98.99	0.00007
91.92	-49.50	0.00047	84.85	-42.43	0.00045
77.78	-35.36	0.00043	70.71	-28.28	0.00039
63.64	-21.21	0.00035	56.57	-14.14	0.00031
49.50	-7.07	0.00027	42.43	0.00	0.00022
38.89	3.54	0.00020	35.36	7.07	0.00018
33.23	9.19	0.00017	31.82	10.61	0.00017



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00015	14.85	27.58	0.00014
13.44	28.99	0.00014	12.02	30.41	0.00013
10.61	31.82	0.00013	9.19	33.23	0.00013
7.07	35.36	0.00013	3.54	38.89	0.00013
0.00	42.43	0.00013	-7.07	49.50	0.00012
-14.14	56.57	0.00011	-21.21	63.64	0.00010
-28.28	70.71	0.00009	-35.36	77.78	0.00009
-42.43	84.85	0.00009	-49.50	91.92	0.00009
84.85	-56.57	0.00058	77.78	-49.50	0.00057
70.71	-42.43	0.00054	63.64	-35.36	0.00051
56.57	-28.28	0.00046	49.50	-21.21	0.00040
42.43	-14.14	0.00035	35.36	-7.07	0.00028
31.82	-3.54	0.00025	28.28	0.00	0.00023
26.16	2.12	0.00021	24.75	3.54	0.00021
23.33	4.95	0.00020	21.92	6.36	0.00019
20.51	7.78	0.00019	7.78	20.51	0.00016
6.36	21.92	0.00016	4.95	23.33	0.00016
3.54	24.75	0.00016	2.12	26.16	0.00016
0.00	28.28	0.00016	-3.54	31.82	0.00015
-7.07	35.36	0.00015	-14.14	42.43	0.00013
-21.21	49.50	0.00012	-28.28	56.57	0.00011
-35.36	63.64	0.00011	-42.43	70.71	0.00011
-49.50	77.78	0.00010	-56.57	84.85	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00072	70.71	-56.57	0.00071
63.64	-49.50	0.00069	56.57	-42.43	0.00066
49.50	-35.36	0.00061	42.43	-28.28	0.00054
35.36	-21.21	0.00046	28.28	-14.14	0.00038
24.75	-10.61	0.00034	21.21	-7.07	0.00030
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00025	14.85	-0.71	0.00024
13.44	0.71	0.00023	0.71	13.44	0.00020
-0.71	14.85	0.00019	-2.12	16.26	0.00019
-3.54	17.68	0.00019	-4.95	19.09	0.00019

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00019	-10.61	24.75	0.00018
-14.14	28.28	0.00017	-21.21	35.36	0.00015
-28.28	42.43	0.00014	-35.36	49.50	0.00014
-42.43	56.57	0.00013	-49.50	63.64	0.00013
-56.57	70.71	0.00012	-63.64	77.78	0.00012
70.71	-70.71	0.00090	63.64	-63.64	0.00091
56.57	-56.57	0.00090	49.50	-49.50	0.00087
42.43	-42.43	0.00083	35.36	-35.36	0.00075
28.28	-28.28	0.00065	21.21	-21.21	0.00053
17.68	-17.68	0.00047	14.14	-14.14	0.00040
12.02	-12.02	0.00037	10.61	-10.61	0.00035
9.19	-9.19	0.00033	7.78	-7.78	0.00031
6.36	-6.36	0.00030	-6.36	6.36	0.00024
-7.78	7.78	0.00024	-9.19	9.19	0.00024
-10.61	10.61	0.00023	-12.02	12.02	0.00023
-14.14	14.14	0.00023	-17.68	17.68	0.00021
-21.21	21.21	0.00020	-28.28	28.28	0.00018
-35.36	35.36	0.00017	-42.43	42.43	0.00017
-49.50	49.50	0.00016	-56.57	56.57	0.00016
-63.64	63.64	0.00015	-70.71	70.71	0.00015
63.64	-77.78	0.00111	56.57	-70.71	0.00115
49.50	-63.64	0.00117	42.43	-56.57	0.00117
35.36	-49.50	0.00114	28.28	-42.43	0.00107
21.21	-35.36	0.00095	14.14	-28.28	0.00078
10.61	-24.75	0.00069	7.07	-21.21	0.00059
4.95	-19.09	0.00053	3.54	-17.68	0.00050
2.12	-16.26	0.00046	0.71	-14.85	0.00043
-0.71	-13.44	0.00041	-13.44	-0.71	0.00031
-14.85	0.71	0.00030	-16.26	2.12	0.00030
-17.68	3.54	0.00029	-19.09	4.95	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00028	-24.75	10.61	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00023
-42.43	28.28	0.00022	-49.50	35.36	0.00021
-56.57	42.43	0.00020	-63.64	49.50	0.00020

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00019	-77.78	63.64	0.00018
56.57	-84.85	0.00136	49.50	-77.78	0.00144
42.43	-70.71	0.00151	35.36	-63.64	0.00156
28.28	-56.57	0.00158	21.21	-49.50	0.00155
14.14	-42.43	0.00145	7.07	-35.36	0.00125
3.54	-31.82	0.00110	0.00	-28.28	0.00094
-2.12	-26.16	0.00084	-3.54	-24.75	0.00077
-4.95	-23.33	0.00071	-6.36	-21.92	0.00065
-7.78	-20.51	0.00059	-20.51	-7.78	0.00040
-21.92	-6.36	0.00039	-23.33	-4.95	0.00038
-24.75	-3.54	0.00037	-26.16	-2.12	0.00036
-28.28	0.00	0.00034	-31.82	3.54	0.00033
-35.36	7.07	0.00031	-42.43	14.14	0.00030
-49.50	21.21	0.00029	-56.57	28.28	0.00028
-63.64	35.36	0.00027	-70.71	42.43	0.00025
-77.78	49.50	0.00024	-84.85	56.57	0.00023
49.50	-91.92	0.00164	42.43	-84.85	0.00178
35.36	-77.78	0.00192	28.28	-70.71	0.00205
21.21	-63.64	0.00217	14.14	-56.57	0.00225
7.07	-49.50	0.00225	0.00	-42.43	0.00210
-3.54	-38.89	0.00194	-7.07	-35.36	0.00171
-9.19	-33.23	0.00153	-10.61	-31.82	0.00141
-12.02	-30.41	0.00127	-13.44	-28.99	0.00114
-14.85	-27.58	0.00101	-27.58	-14.85	0.00053
-28.99	-13.44	0.00051	-30.41	-12.02	0.00050
-31.82	-10.61	0.00048	-33.23	-9.19	0.00047
-35.36	-7.07	0.00046	-38.89	-3.54	0.00045
-42.43	0.00	0.00044	-49.50	7.07	0.00042
-56.57	14.14	0.00040	-63.64	21.21	0.00038
-70.71	28.28	0.00035	-77.78	35.36	0.00033
-84.85	42.43	0.00031	-91.92	49.50	0.00028
42.43	-98.99	0.00193	35.36	-91.92	0.00213
28.28	-84.85	0.00236	21.21	-77.78	0.00260
14.14	-70.71	0.00286	7.07	-63.64	0.00313
0.00	-56.57	0.00336	-7.07	-49.50	0.00349
-10.61	-45.96	0.00347	-14.14	-42.43	0.00335

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00320	-17.68	-38.89	0.00306
-19.09	-37.48	0.00287	-20.51	-36.06	0.00263
-21.92	-34.65	0.00234	-34.65	-21.92	0.00077
-36.06	-20.51	0.00076	-37.48	-19.09	0.00076
-38.89	-17.68	0.00076	-40.31	-16.26	0.00075
-42.43	-14.14	0.00074	-45.96	-10.61	0.00072
-49.50	-7.07	0.00069	-56.57	0.00	0.00063
-63.64	7.07	0.00057	-70.71	14.14	0.00052
-77.78	21.21	0.00047	-84.85	28.28	0.00042
-91.92	35.36	0.00038	-98.99	42.43	0.00035
35.36	-106.07	0.00220	28.28	-98.99	0.00247
21.21	-91.92	0.00278	14.14	-84.85	0.00314
7.07	-77.78	0.00355	0.00	-70.71	0.00401
-7.07	-63.64	0.00450	-14.14	-56.57	0.00499
-17.68	-53.03	0.00520	-21.21	-49.50	0.00534
-23.33	-47.38	0.00538	-24.75	-45.96	0.00538
-26.16	-44.55	0.00536	-27.58	-43.13	0.00536
-28.99	-41.72	0.00533	-41.72	-28.99	0.00153
-43.13	-27.58	0.00146	-44.55	-26.16	0.00139
-45.96	-24.75	0.00134	-47.38	-23.33	0.00130
-49.50	-21.21	0.00123	-53.03	-17.68	0.00114
-56.57	-14.14	0.00105	-63.64	-7.07	0.00090
-70.71	0.00	0.00077	-77.78	7.07	0.00067
-84.85	14.14	0.00059	-91.92	21.21	0.00052
-98.99	28.28	0.00046	-106.07	35.36	0.00041
28.28	-113.14	0.00242	21.21	-106.07	0.00275
14.14	-98.99	0.00313	7.07	-91.92	0.00358
0.00	-84.85	0.00410	-7.07	-77.78	0.00469
-14.14	-70.71	0.00532	-21.21	-63.64	0.00590
-24.75	-60.10	0.00613	-28.28	-56.57	0.00626
-30.41	-54.45	0.00626	-31.82	-53.03	0.00622
-33.23	-51.62	0.00614	-34.65	-50.20	0.00606
-36.06	-48.79	0.00595	-48.79	-36.06	0.00190
-50.20	-34.65	0.00184	-51.62	-33.23	0.00180
-53.03	-31.82	0.00175	-54.45	-30.41	0.00171
-56.57	-28.28	0.00163	-60.10	-24.75	0.00150
-63.64	-21.21	0.00138	-70.71	-14.14	0.00115
-77.78	-7.07	0.00097	-84.85	0.00	0.00083
-91.92	7.07	0.00071	-98.99	14.14	0.00061
-106.07	21.21	0.00054	-113.14	28.28	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00258	14.14	-113.14	0.00294
7.07	-106.07	0.00337	0.00	-98.99	0.00387
-7.07	-91.92	0.00445	-14.14	-84.85	0.00509
-21.21	-77.78	0.00576	-28.28	-70.71	0.00635
-31.82	-67.18	0.00654	-35.36	-63.64	0.00662
-37.48	-61.52	0.00658	-38.89	-60.10	0.00651
-40.31	-58.69	0.00641	-41.72	-57.28	0.00628
-43.13	-55.86	0.00616	-55.86	-43.13	0.00208
-57.28	-41.72	0.00202	-58.69	-40.31	0.00198
-60.10	-38.89	0.00194	-61.52	-37.48	0.00190
-63.64	-35.36	0.00184	-67.18	-31.82	0.00173
-70.71	-28.28	0.00161	-77.78	-21.21	0.00137
-84.85	-14.14	0.00115	-91.92	-7.07	0.00097
-98.99	0.00	0.00082	-106.07	7.07	0.00070
-113.14	14.14	0.00061	-120.21	21.21	0.00053
14.14	-127.28	0.00265	7.07	-120.21	0.00304
0.00	-113.14	0.00348	-7.07	-106.07	0.00401
-14.14	-98.99	0.00461	-21.21	-91.92	0.00528
-28.28	-84.85	0.00597	-35.36	-77.78	0.00655
-38.89	-74.25	0.00672	-42.43	-70.71	0.00676
-44.55	-68.59	0.00671	-45.96	-67.18	0.00664
-47.38	-65.76	0.00654	-48.79	-64.35	0.00641
-50.20	-62.93	0.00628	-62.93	-50.20	0.00221
-64.35	-48.79	0.00215	-65.76	-47.38	0.00210
-67.18	-45.96	0.00206	-68.59	-44.55	0.00202
-70.71	-42.43	0.00196	-74.25	-38.89	0.00186
-77.78	-35.36	0.00175	-84.85	-28.28	0.00151
-91.92	-21.21	0.00129	-98.99	-14.14	0.00109
-106.07	-7.07	0.00092	-113.14	0.00	0.00078
-120.21	7.07	0.00067	-127.28	14.14	0.00058
7.07	-134.35	0.00264	0.00	-127.28	0.00302
-7.07	-120.21	0.00347	-14.14	-113.14	0.00400
-21.21	-106.07	0.00461	-28.28	-98.99	0.00529
-35.36	-91.92	0.00599	-42.43	-84.85	0.00656
-45.96	-81.32	0.00674	-49.50	-77.78	0.00680
-51.62	-75.66	0.00675	-53.03	-74.25	0.00669

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00659	-55.86	-71.42	0.00646
-57.28	-70.00	0.00633	-70.00	-57.28	0.00229
-71.42	-55.86	0.00223	-72.83	-54.45	0.00218
-74.25	-53.03	0.00214	-75.66	-51.62	0.00210

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
 PAGE 56  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00204	-81.32	-45.96	0.00193
-84.85	-42.43	0.00183	-91.92	-35.36	0.00160
-98.99	-28.28	0.00137	-106.07	-21.21	0.00117
-113.14	-14.14	0.00099	-120.21	-7.07	0.00084
-127.28	0.00	0.00072	-134.35	7.07	0.00062
0.00	-141.42	0.00254	-7.07	-134.35	0.00290
-14.14	-127.28	0.00333	-21.21	-120.21	0.00385
-28.28	-113.14	0.00445	-35.36	-106.07	0.00512
-42.43	-98.99	0.00581	-49.50	-91.92	0.00642
-53.03	-88.39	0.00663	-56.57	-84.85	0.00672
-58.69	-82.73	0.00670	-60.10	-81.32	0.00664
-61.52	-79.90	0.00655	-62.93	-78.49	0.00644
-64.35	-77.07	0.00630	-77.07	-64.35	0.00232
-78.49	-62.93	0.00226	-79.90	-61.52	0.00222
-81.32	-60.10	0.00218	-82.73	-58.69	0.00214
-84.85	-56.57	0.00208	-88.39	-53.03	0.00198
-91.92	-49.50	0.00187	-98.99	-42.43	0.00164
-106.07	-35.36	0.00141	-113.14	-28.28	0.00121
-120.21	-21.21	0.00103	-127.28	-14.14	0.00088
-134.35	-7.07	0.00075	-141.42	0.00	0.00065
-7.07	-148.49	0.00237	-14.14	-141.42	0.00270
-21.21	-134.35	0.00309	-28.28	-127.28	0.00356
-35.36	-120.21	0.00411	-42.43	-113.14	0.00473
-49.50	-106.07	0.00539	-56.57	-98.99	0.00603
-60.10	-95.46	0.00629	-63.64	-91.92	0.00644
-65.76	-89.80	0.00646	-67.18	-88.39	0.00644
-68.59	-86.97	0.00638	-70.00	-85.56	0.00629
-71.42	-84.15	0.00618	-84.15	-71.42	0.00231
-85.56	-70.00	0.00225	-86.97	-68.59	0.00221
-88.39	-67.18	0.00218	-89.80	-65.76	0.00215

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00209	-95.46	-60.10	0.00198
-98.99	-56.57	0.00187	-106.07	-49.50	0.00163
-113.14	-42.43	0.00141	-120.21	-35.36	0.00120
-127.28	-28.28	0.00103	-134.35	-21.21	0.00088
-141.42	-14.14	0.00076	-148.49	-7.07	0.00065
-14.14	-155.56	0.00213	-21.21	-148.49	0.00241
-28.28	-141.42	0.00274	-35.36	-134.35	0.00313
-42.43	-127.28	0.00358	-49.50	-120.21	0.00408
-56.57	-113.14	0.00465	-63.64	-106.07	0.00524
-67.18	-102.53	0.00551	-70.71	-98.99	0.00573

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00582	-74.25	-95.46	0.00586
-75.66	-94.05	0.00587	-77.07	-92.63	0.00585
-78.49	-91.22	0.00582	-91.22	-78.49	0.00224
-92.63	-77.07	0.00219	-94.05	-75.66	0.00215
-95.46	-74.25	0.00212	-96.87	-72.83	0.00209
-98.99	-70.71	0.00203	-102.53	-67.18	0.00192
-106.07	-63.64	0.00180	-113.14	-56.57	0.00155
-120.21	-49.50	0.00134	-127.28	-42.43	0.00115
-134.35	-35.36	0.00099	-141.42	-28.28	0.00085
-148.49	-21.21	0.00073	-155.56	-14.14	0.00064
-21.21	-162.63	0.00186	-28.28	-155.56	0.00208
-35.36	-148.49	0.00232	-42.43	-141.42	0.00260
-49.50	-134.35	0.00290	-56.57	-127.28	0.00323
-63.64	-120.21	0.00356	-70.71	-113.14	0.00388
-74.25	-109.60	0.00402	-77.78	-106.07	0.00413
-79.90	-103.94	0.00420	-81.32	-102.53	0.00425
-82.73	-101.12	0.00432	-84.15	-99.70	0.00440
-85.56	-98.29	0.00452	-98.29	-85.56	0.00204
-99.70	-84.15	0.00198	-101.12	-82.73	0.00193
-102.53	-81.32	0.00189	-103.94	-79.90	0.00186
-106.07	-77.78	0.00180	-109.60	-74.25	0.00169
-113.14	-70.71	0.00159	-120.21	-63.64	0.00138
-127.28	-56.57	0.00120	-134.35	-49.50	0.00104
-141.42	-42.43	0.00091	-148.49	-35.36	0.00079

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00069	-162.63	-21.21	0.00061
-28.28	-169.71	0.00158	-35.36	-162.63	0.00173
-42.43	-155.56	0.00189	-49.50	-148.49	0.00205
-56.57	-141.42	0.00221	-63.64	-134.35	0.00234
-70.71	-127.28	0.00243	-77.78	-120.21	0.00239
-81.32	-116.67	0.00231	-84.85	-113.14	0.00216
-86.97	-111.02	0.00203	-88.39	-109.60	0.00194
-89.80	-108.19	0.00183	-91.22	-106.77	0.00172
-92.63	-105.36	0.00160	-105.36	-92.63	0.00130
-106.77	-91.22	0.00132	-108.19	-89.80	0.00133
-109.60	-88.39	0.00134	-111.02	-86.97	0.00134
-113.14	-84.85	0.00134	-116.67	-81.32	0.00131
-120.21	-77.78	0.00126	-127.28	-70.71	0.00115
-134.35	-63.64	0.00102	-141.42	-56.57	0.00091
-148.49	-49.50	0.00081	-155.56	-42.43	0.00072
-162.63	-35.36	0.00064	-169.71	-28.28	0.00057

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00131	-42.43	-169.71	0.00140
-49.50	-162.63	0.00149	-56.57	-155.56	0.00156
-63.64	-148.49	0.00161	-70.71	-141.42	0.00163
-77.78	-134.35	0.00159	-84.85	-127.28	0.00147
-88.39	-123.74	0.00137	-91.92	-120.21	0.00125
-94.05	-118.09	0.00116	-95.46	-116.67	0.00111
-96.87	-115.26	0.00106	-98.29	-113.84	0.00101
-99.70	-112.43	0.00097	-112.43	-99.70	0.00094
-113.84	-98.29	0.00094	-115.26	-96.87	0.00095
-116.67	-95.46	0.00095	-118.09	-94.05	0.00095
-120.21	-91.92	0.00096	-123.74	-88.39	0.00096
-127.28	-84.85	0.00096	-134.35	-77.78	0.00091
-141.42	-70.71	0.00085	-148.49	-63.64	0.00077
-155.56	-56.57	0.00070	-162.63	-49.50	0.00064
-169.71	-42.43	0.00058	-176.78	-35.36	0.00052
-42.43	-183.85	0.00107	-49.50	-176.78	0.00111
-56.57	-169.71	0.00115	-63.64	-162.63	0.00118
-70.71	-155.56	0.00118	-77.78	-148.49	0.00116



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00110	-91.92	-134.35	0.00099
-95.46	-130.81	0.00092	-98.99	-127.28	0.00086
-101.12	-125.16	0.00083	-102.53	-123.74	0.00081
-103.94	-122.33	0.00079	-105.36	-120.92	0.00076
-106.77	-119.50	0.00075	-119.50	-106.77	0.00076
-120.92	-105.36	0.00077	-122.33	-103.94	0.00077
-123.74	-102.53	0.00076	-125.16	-101.12	0.00076
-127.28	-98.99	0.00075	-130.81	-95.46	0.00074
-134.35	-91.92	0.00073	-141.42	-84.85	0.00071
-148.49	-77.78	0.00068	-155.56	-70.71	0.00064
-162.63	-63.64	0.00060	-169.71	-56.57	0.00055
-176.78	-49.50	0.00051	-183.85	-42.43	0.00047
-49.50	-190.92	0.00087	-56.57	-183.85	0.00089
-63.64	-176.78	0.00090	-70.71	-169.71	0.00090
-77.78	-162.63	0.00089	-84.85	-155.56	0.00086
-91.92	-148.49	0.00080	-98.99	-141.42	0.00072
-102.53	-137.89	0.00069	-106.07	-134.35	0.00067
-108.19	-132.23	0.00065	-109.60	-130.81	0.00064
-111.02	-129.40	0.00062	-112.43	-127.99	0.00061
-113.84	-126.57	0.00060	-126.57	-113.84	0.00063
-127.99	-112.43	0.00063	-129.40	-111.02	0.00064
-130.81	-109.60	0.00064	-132.23	-108.19	0.00064

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 14:58:12      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 \*\*MODELOPTs:

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 CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00063	-137.89	-102.53	0.00061
-141.42	-98.99	0.00059	-148.49	-91.92	0.00057
-155.56	-84.85	0.00055	-162.63	-77.78	0.00052
-169.71	-70.71	0.00050	-176.78	-63.64	0.00047
-183.85	-56.57	0.00044	-190.92	-49.50	0.00041
-56.57	-197.99	0.00071	-63.64	-190.92	0.00071
-70.71	-183.85	0.00071	-77.78	-176.78	0.00071
-84.85	-169.71	0.00068	-91.92	-162.63	0.00065
-98.99	-155.56	0.00060	-106.07	-148.49	0.00057
-109.60	-144.96	0.00055	-113.14	-141.42	0.00054
-115.26	-139.30	0.00052	-116.67	-137.89	0.00052
-118.09	-136.47	0.00051	-119.50	-135.06	0.00050

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00049	-133.64	-120.92	0.00052
-135.06	-119.50	0.00053	-136.47	-118.09	0.00053
-137.89	-116.67	0.00053	-139.30	-115.26	0.00053
-141.42	-113.14	0.00053	-144.96	-109.60	0.00052
-148.49	-106.07	0.00051	-155.56	-98.99	0.00047
-162.63	-91.92	0.00045	-169.71	-84.85	0.00043
-176.78	-77.78	0.00041	-183.85	-70.71	0.00040
-190.92	-63.64	0.00038	-197.99	-56.57	0.00036
-63.64	-205.06	0.00058	-70.71	-197.99	0.00058
-77.78	-190.92	0.00057	-84.85	-183.85	0.00056
-91.92	-176.78	0.00053	-98.99	-169.71	0.00050
-106.07	-162.63	0.00048	-113.14	-155.56	0.00047
-116.67	-152.03	0.00046	-120.21	-148.49	0.00044
-122.33	-146.37	0.00043	-123.74	-144.96	0.00043
-125.16	-143.54	0.00042	-126.57	-142.13	0.00041
-127.99	-140.71	0.00041	-140.71	-127.99	0.00044
-142.13	-126.57	0.00044	-143.54	-125.16	0.00044
-144.96	-123.74	0.00045	-146.37	-122.33	0.00045
-148.49	-120.21	0.00045	-152.03	-116.67	0.00045
-155.56	-113.14	0.00044	-162.63	-106.07	0.00041
-169.71	-98.99	0.00038	-176.78	-91.92	0.00036
-183.85	-84.85	0.00035	-190.92	-77.78	0.00033
-197.99	-70.71	0.00032	-205.06	-63.64	0.00031
-70.71	-212.13	0.00048	-77.78	-205.06	0.00048
-84.85	-197.99	0.00046	-91.92	-190.92	0.00044
-98.99	-183.85	0.00042	-106.07	-176.78	0.00041
-113.14	-169.71	0.00040	-120.21	-162.63	0.00039
-123.74	-159.10	0.00038	-127.28	-155.56	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S) :            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00036	-130.81	-152.03	0.00036
-132.23	-150.61	0.00035	-133.64	-149.20	0.00035
-135.06	-147.79	0.00035	-147.79	-135.06	0.00037
-149.20	-133.64	0.00037	-150.61	-132.23	0.00038
-152.03	-130.81	0.00038	-153.44	-129.40	0.00038
-155.56	-127.28	0.00038	-159.10	-123.74	0.00038

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00038	-169.71	-113.14	0.00036
-176.78	-106.07	0.00033	-183.85	-98.99	0.00031
-190.92	-91.92	0.00030	-197.99	-84.85	0.00029
-205.06	-77.78	0.00028	-212.13	-70.71	0.00027
-77.78	-219.20	0.00040	-84.85	-212.13	0.00039
-91.92	-205.06	0.00038	-98.99	-197.99	0.00036
-106.07	-190.92	0.00035	-113.14	-183.85	0.00034
-120.21	-176.78	0.00034	-127.28	-169.71	0.00033
-130.81	-166.17	0.00032	-134.35	-162.63	0.00031
-136.47	-160.51	0.00031	-137.89	-159.10	0.00030
-139.30	-157.68	0.00030	-140.71	-156.27	0.00030
-142.13	-154.86	0.00030	-154.86	-142.13	0.00032
-156.27	-140.71	0.00032	-157.68	-139.30	0.00032
-159.10	-137.89	0.00032	-160.51	-136.47	0.00033
-162.63	-134.35	0.00033	-166.17	-130.81	0.00033
-169.71	-127.28	0.00033	-176.78	-120.21	0.00032
-183.85	-113.14	0.00029	-190.92	-106.07	0.00027
-197.99	-98.99	0.00026	-205.06	-91.92	0.00025
-212.13	-84.85	0.00024	-219.20	-77.78	0.00023
-84.85	-226.27	0.00033	-91.92	-219.20	0.00032
-98.99	-212.13	0.00031	-106.07	-205.06	0.00030
-113.14	-197.99	0.00030	-120.21	-190.92	0.00030
-127.28	-183.85	0.00029	-134.35	-176.78	0.00028
-137.89	-173.24	0.00027	-141.42	-169.71	0.00027
-143.54	-167.58	0.00026	-144.96	-166.17	0.00026
-146.37	-164.76	0.00026	-147.79	-163.34	0.00026
-149.20	-161.93	0.00026	-161.93	-149.20	0.00028
-163.34	-147.79	0.00028	-164.76	-146.37	0.00028
-166.17	-144.96	0.00028	-167.58	-143.54	0.00028
-169.71	-141.42	0.00028	-173.24	-137.89	0.00029
-176.78	-134.35	0.00029	-183.85	-127.28	0.00028
-190.92	-120.21	0.00026	-197.99	-113.14	0.00025
-205.06	-106.07	0.00023	-212.13	-98.99	0.00022
-219.20	-91.92	0.00021	-226.27	-84.85	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00028	-98.99	-226.27	0.00027
-106.07	-219.20	0.00026	-113.14	-212.13	0.00026
-120.21	-205.06	0.00026	-127.28	-197.99	0.00026
-134.35	-190.92	0.00025	-141.42	-183.85	0.00024
-144.96	-180.31	0.00024	-148.49	-176.78	0.00023
-150.61	-174.66	0.00023	-152.03	-173.24	0.00023
-153.44	-171.83	0.00023	-154.86	-170.41	0.00023
-156.27	-169.00	0.00023	-169.00	-156.27	0.00024
-170.41	-154.86	0.00024	-171.83	-153.44	0.00024
-173.24	-152.03	0.00025	-174.66	-150.61	0.00025
-176.78	-148.49	0.00025	-180.31	-144.96	0.00025
-183.85	-141.42	0.00025	-190.92	-134.35	0.00025
-197.99	-127.28	0.00024	-205.06	-120.21	0.00022
-212.13	-113.14	0.00021	-219.20	-106.07	0.00020
-226.27	-98.99	0.00019	-233.35	-91.92	0.00018
-98.99	-240.42	0.00024	-106.07	-233.35	0.00023
-113.14	-226.27	0.00023	-120.21	-219.20	0.00023
-127.28	-212.13	0.00023	-134.35	-205.06	0.00023
-141.42	-197.99	0.00022	-148.49	-190.92	0.00021
-152.03	-187.38	0.00021	-155.56	-183.85	0.00020
-157.68	-181.73	0.00020	-159.10	-180.31	0.00020
-160.51	-178.90	0.00020	-161.93	-177.48	0.00020
-163.34	-176.07	0.00020	-176.07	-163.34	0.00021
-177.48	-161.93	0.00021	-178.90	-160.51	0.00021
-180.31	-159.10	0.00022	-181.73	-157.68	0.00022
-183.85	-155.56	0.00022	-187.38	-152.03	0.00022
-190.92	-148.49	0.00022	-197.99	-141.42	0.00022
-205.06	-134.35	0.00021	-212.13	-127.28	0.00020
-219.20	-120.21	0.00019	-226.27	-113.14	0.00018
-233.35	-106.07	0.00017	-240.42	-98.99	0.00016
-106.07	-247.49	0.00021	-113.14	-240.42	0.00020
-120.21	-233.35	0.00020	-127.28	-226.27	0.00020
-134.35	-219.20	0.00020	-141.42	-212.13	0.00020
-148.49	-205.06	0.00019	-155.56	-197.99	0.00019
-159.10	-194.45	0.00018	-162.63	-190.92	0.00018
-164.76	-188.80	0.00018	-166.17	-187.38	0.00018
-167.58	-185.97	0.00018	-169.00	-184.55	0.00018
-170.41	-183.14	0.00018	-183.14	-170.41	0.00019
-184.55	-169.00	0.00019	-185.97	-167.58	0.00019
-187.38	-166.17	0.00019	-188.80	-164.76	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12  
\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00019	-194.45	-159.10	0.00019	
-197.99	-155.56	0.00020	-205.06	-148.49	0.00020	
-212.13	-141.42	0.00019	-219.20	-134.35	0.00018	
-226.27	-127.28	0.00017	-233.35	-120.21	0.00016	
-240.42	-113.14	0.00015	-247.49	-106.07	0.00015	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
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 \*\*MODELOPTs:  
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 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00006	240.42	113.14	0.00006	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00003	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00003	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00007	233.35	106.07	0.00007	
226.27	113.14	0.00006	219.20	120.21	0.00005	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00003	

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00003	160.51	178.90	0.00003
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00008	226.27	98.99	0.00007
219.20	106.07	0.00007	212.13	113.14	0.00006
205.06	120.21	0.00006	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00004
127.28	197.99	0.00004	120.21	205.06	0.00004
113.14	212.13	0.00003	106.07	219.20	0.00003
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00009	219.20	91.92	0.00008
212.13	98.99	0.00008	205.06	106.07	0.00007
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00005	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00004	166.17	144.96	0.00004
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00004



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00012	183.85	84.85	0.00011
176.78	91.92	0.00009	169.71	98.99	0.00008
162.63	106.07	0.00007	155.56	113.14	0.00007
152.03	116.67	0.00006	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00006
143.54	125.16	0.00006	142.13	126.57	0.00006
140.71	127.99	0.00006	127.99	140.71	0.00005
126.57	142.13	0.00005	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00005
98.99	169.71	0.00005	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00004
70.71	197.99	0.00004	63.64	205.06	0.00004
197.99	56.57	0.00016	190.92	63.64	0.00015
183.85	70.71	0.00014	176.78	77.78	0.00012
169.71	84.85	0.00011	162.63	91.92	0.00010
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00007	141.42	113.14	0.00007
139.30	115.26	0.00007	137.89	116.67	0.00007
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00006	115.26	139.30	0.00006
113.14	141.42	0.00006	109.60	144.96	0.00006
106.07	148.49	0.00006	98.99	155.56	0.00006
91.92	162.63	0.00006	84.85	169.71	0.00005
77.78	176.78	0.00005	70.71	183.85	0.00005
63.64	190.92	0.00004	56.57	197.99	0.00004

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00018	183.85	56.57	0.00017
176.78	63.64	0.00016	169.71	70.71	0.00014
162.63	77.78	0.00013	155.56	84.85	0.00011
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00008	134.35	106.07	0.00008



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00008	130.81	109.60	0.00008
129.40	111.02	0.00008	127.99	112.43	0.00007
126.57	113.84	0.00007	113.84	126.57	0.00007
112.43	127.99	0.00007	111.02	129.40	0.00007
109.60	130.81	0.00007	108.19	132.23	0.00007
106.07	134.35	0.00007	102.53	137.89	0.00007
98.99	141.42	0.00007	91.92	148.49	0.00006
84.85	155.56	0.00006	77.78	162.63	0.00006
70.71	169.71	0.00005	63.64	176.78	0.00005
56.57	183.85	0.00005	49.50	190.92	0.00005
183.85	42.43	0.00022	176.78	49.50	0.00020
169.71	56.57	0.00019	162.63	63.64	0.00017
155.56	70.71	0.00015	148.49	77.78	0.00013
141.42	84.85	0.00012	134.35	91.92	0.00010
130.81	95.46	0.00010	127.28	98.99	0.00009
125.16	101.12	0.00009	123.74	102.53	0.00009
122.33	103.94	0.00009	120.92	105.36	0.00008
119.50	106.77	0.00008	106.77	119.50	0.00008
105.36	120.92	0.00008	103.94	122.33	0.00008
102.53	123.74	0.00008	101.12	125.16	0.00008
98.99	127.28	0.00007	95.46	130.81	0.00007
91.92	134.35	0.00007	84.85	141.42	0.00007
77.78	148.49	0.00007	70.71	155.56	0.00006
63.64	162.63	0.00006	56.57	169.71	0.00006
49.50	176.78	0.00005	42.43	183.85	0.00005
176.78	35.36	0.00026	169.71	42.43	0.00024
162.63	49.50	0.00023	155.56	56.57	0.00021
148.49	63.64	0.00018	141.42	70.71	0.00016
134.35	77.78	0.00014	127.28	84.85	0.00012
123.74	88.39	0.00011	120.21	91.92	0.00011
118.09	94.05	0.00010	116.67	95.46	0.00010
115.26	96.87	0.00010	113.84	98.29	0.00010
112.43	99.70	0.00010	99.70	112.43	0.00009
98.29	113.84	0.00009	96.87	115.26	0.00009
95.46	116.67	0.00009	94.05	118.09	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00009	88.39	123.74	0.00008
84.85	127.28	0.00008	77.78	134.35	0.00008
70.71	141.42	0.00008	63.64	148.49	0.00007
56.57	155.56	0.00007	49.50	162.63	0.00006
42.43	169.71	0.00006	35.36	176.78	0.00006
169.71	28.28	0.00032	162.63	35.36	0.00030
155.56	42.43	0.00027	148.49	49.50	0.00025
141.42	56.57	0.00023	134.35	63.64	0.00020
127.28	70.71	0.00017	120.21	77.78	0.00014
116.67	81.32	0.00013	113.14	84.85	0.00012
111.02	86.97	0.00012	109.60	88.39	0.00012
108.19	89.80	0.00011	106.77	91.22	0.00011
105.36	92.63	0.00011	92.63	105.36	0.00010
91.22	106.77	0.00010	89.80	108.19	0.00010
88.39	109.60	0.00010	86.97	111.02	0.00010
84.85	113.14	0.00010	81.32	116.67	0.00010
77.78	120.21	0.00010	70.71	127.28	0.00009
63.64	134.35	0.00008	56.57	141.42	0.00008
49.50	148.49	0.00007	42.43	155.56	0.00007
35.36	162.63	0.00007	28.28	169.71	0.00006
162.63	21.21	0.00038	155.56	28.28	0.00036
148.49	35.36	0.00034	141.42	42.43	0.00031
134.35	49.50	0.00028	127.28	56.57	0.00025
120.21	63.64	0.00021	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00015
103.94	79.90	0.00014	102.53	81.32	0.00014
101.12	82.73	0.00014	99.70	84.15	0.00013
98.29	85.56	0.00013	85.56	98.29	0.00012
84.15	99.70	0.00012	82.73	101.12	0.00011
81.32	102.53	0.00011	79.90	103.94	0.00011
77.78	106.07	0.00011	74.25	109.60	0.00011
70.71	113.14	0.00011	63.64	120.21	0.00010
56.57	127.28	0.00009	49.50	134.35	0.00009
42.43	141.42	0.00008	35.36	148.49	0.00008
28.28	155.56	0.00008	21.21	162.63	0.00007
155.56	14.14	0.00047	148.49	21.21	0.00045
141.42	28.28	0.00043	134.35	35.36	0.00039
127.28	42.43	0.00035	120.21	49.50	0.00031
113.14	56.57	0.00027	106.07	63.64	0.00022
102.53	67.18	0.00020	98.99	70.71	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00017	95.46	74.25	0.00017
94.05	75.66	0.00016	92.63	77.07	0.00016
91.22	78.49	0.00015	78.49	91.22	0.00014
77.07	92.63	0.00014	75.66	94.05	0.00013
74.25	95.46	0.00013	72.83	96.87	0.00013
70.71	98.99	0.00013	67.18	102.53	0.00013
63.64	106.07	0.00013	56.57	113.14	0.00012
49.50	120.21	0.00011	42.43	127.28	0.00010
35.36	134.35	0.00009	28.28	141.42	0.00009
21.21	148.49	0.00009	14.14	155.56	0.00009
148.49	7.07	0.00058	141.42	14.14	0.00057
134.35	21.21	0.00054	127.28	28.28	0.00051
120.21	35.36	0.00046	113.14	42.43	0.00040
106.07	49.50	0.00035	98.99	56.57	0.00028
95.46	60.10	0.00025	91.92	63.64	0.00023
89.80	65.76	0.00021	88.39	67.18	0.00021
86.97	68.59	0.00020	85.56	70.00	0.00019
84.15	71.42	0.00019	71.42	84.15	0.00016
70.00	85.56	0.00016	68.59	86.97	0.00016
67.18	88.39	0.00016	65.76	89.80	0.00016
63.64	91.92	0.00016	60.10	95.46	0.00015
56.57	98.99	0.00015	49.50	106.07	0.00013
42.43	113.14	0.00012	35.36	120.21	0.00011
28.28	127.28	0.00011	21.21	134.35	0.00011
14.14	141.42	0.00010	7.07	148.49	0.00010
141.42	0.00	0.00072	134.35	7.07	0.00071
127.28	14.14	0.00069	120.21	21.21	0.00066
113.14	28.28	0.00061	106.07	35.36	0.00054
98.99	42.43	0.00046	91.92	49.50	0.00038
88.39	53.03	0.00034	84.85	56.57	0.00030
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00025	78.49	62.93	0.00024
77.07	64.35	0.00023	64.35	77.07	0.00020
62.93	78.49	0.00019	61.52	79.90	0.00019
60.10	81.32	0.00019	58.69	82.73	0.00019
56.57	84.85	0.00019	53.03	88.39	0.00018
49.50	91.92	0.00017	42.43	98.99	0.00015

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00014	28.28	113.14	0.00014
21.21	120.21	0.00013	14.14	127.28	0.00013
7.07	134.35	0.00012	0.00	141.42	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00090	127.28	0.00	0.00091
120.21	7.07	0.00090	113.14	14.14	0.00087
106.07	21.21	0.00083	98.99	28.28	0.00075
91.92	35.36	0.00065	84.85	42.43	0.00053
81.32	45.96	0.00047	77.78	49.50	0.00040
75.66	51.62	0.00037	74.25	53.03	0.00035
72.83	54.45	0.00033	71.42	55.86	0.00031
70.00	57.28	0.00030	57.28	70.00	0.00024
55.86	71.42	0.00024	54.45	72.83	0.00024
53.03	74.25	0.00023	51.62	75.66	0.00023
49.50	77.78	0.00023	45.96	81.32	0.00021
42.43	84.85	0.00020	35.36	91.92	0.00018
28.28	98.99	0.00017	21.21	106.07	0.00017
14.14	113.14	0.00016	7.07	120.21	0.00016
0.00	127.28	0.00015	-7.07	134.35	0.00015
127.28	-14.14	0.00111	120.21	-7.07	0.00115
113.14	0.00	0.00117	106.07	7.07	0.00117
98.99	14.14	0.00114	91.92	21.21	0.00107
84.85	28.28	0.00095	77.78	35.36	0.00078
74.25	38.89	0.00069	70.71	42.43	0.00059
68.59	44.55	0.00053	67.18	45.96	0.00050
65.76	47.38	0.00046	64.35	48.79	0.00043
62.93	50.20	0.00041	50.20	62.93	0.00031
48.79	64.35	0.00030	47.38	65.76	0.00030
45.96	67.18	0.00029	44.55	68.59	0.00029
42.43	70.71	0.00028	38.89	74.25	0.00026
35.36	77.78	0.00025	28.28	84.85	0.00023
21.21	91.92	0.00022	14.14	98.99	0.00021
7.07	106.07	0.00020	0.00	113.14	0.00020
-7.07	120.21	0.00019	-14.14	127.28	0.00018
120.21	-21.21	0.00136	113.14	-14.14	0.00144

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00151	98.99	0.00	0.00156
91.92	7.07	0.00158	84.85	14.14	0.00155
77.78	21.21	0.00145	70.71	28.28	0.00125
67.18	31.82	0.00110	63.64	35.36	0.00094
61.52	37.48	0.00084	60.10	38.89	0.00077
58.69	40.31	0.00071	57.28	41.72	0.00065
55.86	43.13	0.00059	43.13	55.86	0.00040
41.72	57.28	0.00039	40.31	58.69	0.00038
38.89	60.10	0.00037	37.48	61.52	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00034	31.82	67.18	0.00033
28.28	70.71	0.00031	21.21	77.78	0.00030
14.14	84.85	0.00029	7.07	91.92	0.00028
0.00	98.99	0.00027	-7.07	106.07	0.00025
-14.14	113.14	0.00024	-21.21	120.21	0.00023
113.14	-28.28	0.00164	106.07	-21.21	0.00178
98.99	-14.14	0.00192	91.92	-7.07	0.00205
84.85	0.00	0.00217	77.78	7.07	0.00225
70.71	14.14	0.00225	63.64	21.21	0.00210
60.10	24.75	0.00194	56.57	28.28	0.00171
54.45	30.41	0.00153	53.03	31.82	0.00141
51.62	33.23	0.00127	50.20	34.65	0.00114
48.79	36.06	0.00101	36.06	48.79	0.00053
34.65	50.20	0.00051	33.23	51.62	0.00050
31.82	53.03	0.00048	30.41	54.45	0.00047
28.28	56.57	0.00046	24.75	60.10	0.00045
21.21	63.64	0.00044	14.14	70.71	0.00042
7.07	77.78	0.00040	0.00	84.85	0.00038
-7.07	91.92	0.00035	-14.14	98.99	0.00033
-21.21	106.07	0.00031	-28.28	113.14	0.00028
106.07	-35.36	0.00193	98.99	-28.28	0.00213
91.92	-21.21	0.00236	84.85	-14.14	0.00260
77.78	-7.07	0.00286	70.71	0.00	0.00313
63.64	7.07	0.00336	56.57	14.14	0.00349
53.03	17.68	0.00347	49.50	21.21	0.00335

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00320	45.96	24.75	0.00306
44.55	26.16	0.00287	43.13	27.58	0.00263
41.72	28.99	0.00234	28.99	41.72	0.00077
27.58	43.13	0.00076	26.16	44.55	0.00076
24.75	45.96	0.00076	23.33	47.38	0.00075
21.21	49.50	0.00074	17.68	53.03	0.00072
14.14	56.57	0.00069	7.07	63.64	0.00063
0.00	70.71	0.00057	-7.07	77.78	0.00052
-14.14	84.85	0.00047	-21.21	91.92	0.00042
-28.28	98.99	0.00038	-35.36	106.07	0.00035
98.99	-42.43	0.00220	91.92	-35.36	0.00247
84.85	-28.28	0.00278	77.78	-21.21	0.00314
70.71	-14.14	0.00355	63.64	-7.07	0.00401
56.57	0.00	0.00450	49.50	7.07	0.00499
45.96	10.61	0.00520	42.43	14.14	0.00534

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00538	38.89	17.68	0.00538
37.48	19.09	0.00536	36.06	20.51	0.00536
34.65	21.92	0.00533	21.92	34.65	0.00153
20.51	36.06	0.00146	19.09	37.48	0.00139
17.68	38.89	0.00134	16.26	40.31	0.00130
14.14	42.43	0.00123	10.61	45.96	0.00114
7.07	49.50	0.00105	0.00	56.57	0.00090
-7.07	63.64	0.00077	-14.14	70.71	0.00067
-21.21	77.78	0.00059	-28.28	84.85	0.00052
-35.36	91.92	0.00046	-42.43	98.99	0.00041
91.92	-49.50	0.00242	84.85	-42.43	0.00275
77.78	-35.36	0.00313	70.71	-28.28	0.00358
63.64	-21.21	0.00410	56.57	-14.14	0.00469
49.50	-7.07	0.00532	42.43	0.00	0.00590
38.89	3.54	0.00613	35.36	7.07	0.00626
33.23	9.19	0.00626	31.82	10.61	0.00622
30.41	12.02	0.00614	28.99	13.44	0.00606
27.58	14.85	0.00595	14.85	27.58	0.00190
13.44	28.99	0.00184	12.02	30.41	0.00180

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00175	9.19	33.23	0.00171
7.07	35.36	0.00163	3.54	38.89	0.00150
0.00	42.43	0.00138	-7.07	49.50	0.00115
-14.14	56.57	0.00097	-21.21	63.64	0.00083
-28.28	70.71	0.00071	-35.36	77.78	0.00061
-42.43	84.85	0.00054	-49.50	91.92	0.00047
84.85	-56.57	0.00258	77.78	-49.50	0.00294
70.71	-42.43	0.00337	63.64	-35.36	0.00387
56.57	-28.28	0.00445	49.50	-21.21	0.00509
42.43	-14.14	0.00576	35.36	-7.07	0.00635
31.82	-3.54	0.00654	28.28	0.00	0.00662
26.16	2.12	0.00658	24.75	3.54	0.00651
23.33	4.95	0.00641	21.92	6.36	0.00628
20.51	7.78	0.00616	7.78	20.51	0.00208
6.36	21.92	0.00202	4.95	23.33	0.00198
3.54	24.75	0.00194	2.12	26.16	0.00190
0.00	28.28	0.00184	-3.54	31.82	0.00173
-7.07	35.36	0.00161	-14.14	42.43	0.00137
-21.21	49.50	0.00115	-28.28	56.57	0.00097
-35.36	63.64	0.00082	-42.43	70.71	0.00070
-49.50	77.78	0.00061	-56.57	84.85	0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00265	70.71	-56.57	0.00304
63.64	-49.50	0.00348	56.57	-42.43	0.00401
49.50	-35.36	0.00461	42.43	-28.28	0.00528
35.36	-21.21	0.00597	28.28	-14.14	0.00655
24.75	-10.61	0.00672	21.21	-7.07	0.00676
19.09	-4.95	0.00671	17.68	-3.54	0.00664
16.26	-2.12	0.00654	14.85	-0.71	0.00641
13.44	0.71	0.00628	0.71	13.44	0.00221
-0.71	14.85	0.00215	-2.12	16.26	0.00210
-3.54	17.68	0.00206	-4.95	19.09	0.00202
-7.07	21.21	0.00196	-10.61	24.75	0.00186
-14.14	28.28	0.00175	-21.21	35.36	0.00151
-28.28	42.43	0.00129	-35.36	49.50	0.00109

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00092	-49.50	63.64	0.00078
-56.57	70.71	0.00067	-63.64	77.78	0.00058
70.71	-70.71	0.00264	63.64	-63.64	0.00302
56.57	-56.57	0.00347	49.50	-49.50	0.00400
42.43	-42.43	0.00461	35.36	-35.36	0.00529
28.28	-28.28	0.00599	21.21	-21.21	0.00656
17.68	-17.68	0.00674	14.14	-14.14	0.00680
12.02	-12.02	0.00675	10.61	-10.61	0.00669
9.19	-9.19	0.00659	7.78	-7.78	0.00646
6.36	-6.36	0.00633	-6.36	6.36	0.00229
-7.78	7.78	0.00223	-9.19	9.19	0.00218
-10.61	10.61	0.00214	-12.02	12.02	0.00210
-14.14	14.14	0.00204	-17.68	17.68	0.00193
-21.21	21.21	0.00183	-28.28	28.28	0.00160
-35.36	35.36	0.00137	-42.43	42.43	0.00117
-49.50	49.50	0.00099	-56.57	56.57	0.00084
-63.64	63.64	0.00072	-70.71	70.71	0.00062
63.64	-77.78	0.00254	56.57	-70.71	0.00290
49.50	-63.64	0.00333	42.43	-56.57	0.00385
35.36	-49.50	0.00445	28.28	-42.43	0.00512
21.21	-35.36	0.00581	14.14	-28.28	0.00642
10.61	-24.75	0.00663	7.07	-21.21	0.00672
4.95	-19.09	0.00670	3.54	-17.68	0.00664
2.12	-16.26	0.00655	0.71	-14.85	0.00644
-0.71	-13.44	0.00630	-13.44	-0.71	0.00232
-14.85	0.71	0.00226	-16.26	2.12	0.00222
-17.68	3.54	0.00218	-19.09	4.95	0.00214

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00208	-24.75	10.61	0.00198
-28.28	14.14	0.00187	-35.36	21.21	0.00164
-42.43	28.28	0.00141	-49.50	35.36	0.00121
-56.57	42.43	0.00103	-63.64	49.50	0.00088
-70.71	56.57	0.00075	-77.78	63.64	0.00065
56.57	-84.85	0.00237	49.50	-77.78	0.00270
42.43	-70.71	0.00309	35.36	-63.64	0.00356



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00411	21.21	-49.50	0.00473
14.14	-42.43	0.00539	7.07	-35.36	0.00603
3.54	-31.82	0.00629	0.00	-28.28	0.00644
-2.12	-26.16	0.00646	-3.54	-24.75	0.00644
-4.95	-23.33	0.00638	-6.36	-21.92	0.00629
-7.78	-20.51	0.00618	-20.51	-7.78	0.00231
-21.92	-6.36	0.00225	-23.33	-4.95	0.00221
-24.75	-3.54	0.00218	-26.16	-2.12	0.00215
-28.28	0.00	0.00209	-31.82	3.54	0.00198
-35.36	7.07	0.00187	-42.43	14.14	0.00163
-49.50	21.21	0.00141	-56.57	28.28	0.00120
-63.64	35.36	0.00103	-70.71	42.43	0.00088
-77.78	49.50	0.00076	-84.85	56.57	0.00065
49.50	-91.92	0.00213	42.43	-84.85	0.00241
35.36	-77.78	0.00274	28.28	-70.71	0.00313
21.21	-63.64	0.00358	14.14	-56.57	0.00408
7.07	-49.50	0.00465	0.00	-42.43	0.00524
-3.54	-38.89	0.00551	-7.07	-35.36	0.00573
-9.19	-33.23	0.00582	-10.61	-31.82	0.00586
-12.02	-30.41	0.00587	-13.44	-28.99	0.00585
-14.85	-27.58	0.00582	-27.58	-14.85	0.00224
-28.99	-13.44	0.00219	-30.41	-12.02	0.00215
-31.82	-10.61	0.00212	-33.23	-9.19	0.00209
-35.36	-7.07	0.00203	-38.89	-3.54	0.00192
-42.43	0.00	0.00180	-49.50	7.07	0.00155
-56.57	14.14	0.00134	-63.64	21.21	0.00115
-70.71	28.28	0.00099	-77.78	35.36	0.00085
-84.85	42.43	0.00073	-91.92	49.50	0.00064
42.43	-98.99	0.00186	35.36	-91.92	0.00208
28.28	-84.85	0.00232	21.21	-77.78	0.00260
14.14	-70.71	0.00290	7.07	-63.64	0.00323
0.00	-56.57	0.00356	-7.07	-49.50	0.00388
-10.61	-45.96	0.00402	-14.14	-42.43	0.00413

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00420	-17.68	-38.89	0.00425

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00432	-20.51	-36.06	0.00440
-21.92	-34.65	0.00452	-34.65	-21.92	0.00204
-36.06	-20.51	0.00198	-37.48	-19.09	0.00193
-38.89	-17.68	0.00189	-40.31	-16.26	0.00186
-42.43	-14.14	0.00180	-45.96	-10.61	0.00169
-49.50	-7.07	0.00159	-56.57	0.00	0.00138
-63.64	7.07	0.00120	-70.71	14.14	0.00104
-77.78	21.21	0.00091	-84.85	28.28	0.00079
-91.92	35.36	0.00069	-98.99	42.43	0.00061
35.36	-106.07	0.00158	28.28	-98.99	0.00173
21.21	-91.92	0.00189	14.14	-84.85	0.00205
7.07	-77.78	0.00221	0.00	-70.71	0.00234
-7.07	-63.64	0.00243	-14.14	-56.57	0.00239
-17.68	-53.03	0.00231	-21.21	-49.50	0.00216
-23.33	-47.38	0.00203	-24.75	-45.96	0.00194
-26.16	-44.55	0.00183	-27.58	-43.13	0.00172
-28.99	-41.72	0.00160	-41.72	-28.99	0.00130
-43.13	-27.58	0.00132	-44.55	-26.16	0.00133
-45.96	-24.75	0.00134	-47.38	-23.33	0.00134
-49.50	-21.21	0.00134	-53.03	-17.68	0.00131
-56.57	-14.14	0.00126	-63.64	-7.07	0.00115
-70.71	0.00	0.00102	-77.78	7.07	0.00091
-84.85	14.14	0.00081	-91.92	21.21	0.00072
-98.99	28.28	0.00064	-106.07	35.36	0.00057
28.28	-113.14	0.00131	21.21	-106.07	0.00140
14.14	-98.99	0.00149	7.07	-91.92	0.00156
0.00	-84.85	0.00161	-7.07	-77.78	0.00163
-14.14	-70.71	0.00159	-21.21	-63.64	0.00147
-24.75	-60.10	0.00137	-28.28	-56.57	0.00125
-30.41	-54.45	0.00116	-31.82	-53.03	0.00111
-33.23	-51.62	0.00106	-34.65	-50.20	0.00101
-36.06	-48.79	0.00097	-48.79	-36.06	0.00094
-50.20	-34.65	0.00094	-51.62	-33.23	0.00095
-53.03	-31.82	0.00095	-54.45	-30.41	0.00095
-56.57	-28.28	0.00096	-60.10	-24.75	0.00096
-63.64	-21.21	0.00096	-70.71	-14.14	0.00091
-77.78	-7.07	0.00085	-84.85	0.00	0.00077
-91.92	7.07	0.00070	-98.99	14.14	0.00064
-106.07	21.21	0.00058	-113.14	28.28	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00107	14.14	-113.14	0.00111	
7.07	-106.07	0.00115	0.00	-98.99	0.00118	
-7.07	-91.92	0.00118	-14.14	-84.85	0.00116	
-21.21	-77.78	0.00110	-28.28	-70.71	0.00099	
-31.82	-67.18	0.00092	-35.36	-63.64	0.00086	
-37.48	-61.52	0.00083	-38.89	-60.10	0.00081	
-40.31	-58.69	0.00078	-41.72	-57.28	0.00076	
-43.13	-55.86	0.00075	-55.86	-43.13	0.00076	
-57.28	-41.72	0.00077	-58.69	-40.31	0.00077	
-60.10	-38.89	0.00076	-61.52	-37.48	0.00076	
-63.64	-35.36	0.00075	-67.18	-31.82	0.00074	
-70.71	-28.28	0.00073	-77.78	-21.21	0.00071	
-84.85	-14.14	0.00068	-91.92	-7.07	0.00064	
-98.99	0.00	0.00060	-106.07	7.07	0.00055	
-113.14	14.14	0.00051	-120.21	21.21	0.00047	
14.14	-127.28	0.00087	7.07	-120.21	0.00089	
0.00	-113.14	0.00090	-7.07	-106.07	0.00090	
-14.14	-98.99	0.00089	-21.21	-91.92	0.00086	
-28.28	-84.85	0.00080	-35.36	-77.78	0.00072	
-38.89	-74.25	0.00069	-42.43	-70.71	0.00067	
-44.55	-68.59	0.00065	-45.96	-67.18	0.00064	
-47.38	-65.76	0.00062	-48.79	-64.35	0.00061	
-50.20	-62.93	0.00060	-62.93	-50.20	0.00063	
-64.35	-48.79	0.00063	-65.76	-47.38	0.00064	
-67.18	-45.96	0.00064	-68.59	-44.55	0.00064	
-70.71	-42.43	0.00063	-74.25	-38.89	0.00061	
-77.78	-35.36	0.00059	-84.85	-28.28	0.00057	
-91.92	-21.21	0.00055	-98.99	-14.14	0.00052	
-106.07	-7.07	0.00050	-113.14	0.00	0.00047	
-120.21	7.07	0.00044	-127.28	14.14	0.00041	
7.07	-134.35	0.00071	0.00	-127.28	0.00071	
-7.07	-120.21	0.00071	-14.14	-113.14	0.00071	
-21.21	-106.07	0.00068	-28.28	-98.99	0.00065	
-35.36	-91.92	0.00060	-42.43	-84.85	0.00057	
-45.96	-81.32	0.00055	-49.50	-77.78	0.00054	
-51.62	-75.66	0.00052	-53.03	-74.25	0.00052	
-54.45	-72.83	0.00051	-55.86	-71.42	0.00050	
-57.28	-70.00	0.00049	-70.00	-57.28	0.00052	
-71.42	-55.86	0.00053	-72.83	-54.45	0.00053	

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-74.25      -53.03      0.00053      -75.66      -51.62      0.00053

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:  
 PAGE 76

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00053	-81.32	-45.96	0.00052
-84.85	-42.43	0.00051	-91.92	-35.36	0.00047
-98.99	-28.28	0.00045	-106.07	-21.21	0.00043
-113.14	-14.14	0.00041	-120.21	-7.07	0.00040
-127.28	0.00	0.00038	-134.35	7.07	0.00036
0.00	-141.42	0.00058	-7.07	-134.35	0.00058
-14.14	-127.28	0.00057	-21.21	-120.21	0.00056
-28.28	-113.14	0.00053	-35.36	-106.07	0.00050
-42.43	-98.99	0.00048	-49.50	-91.92	0.00047
-53.03	-88.39	0.00046	-56.57	-84.85	0.00044
-58.69	-82.73	0.00043	-60.10	-81.32	0.00043
-61.52	-79.90	0.00042	-62.93	-78.49	0.00041
-64.35	-77.07	0.00041	-77.07	-64.35	0.00044
-78.49	-62.93	0.00044	-79.90	-61.52	0.00044
-81.32	-60.10	0.00045	-82.73	-58.69	0.00045
-84.85	-56.57	0.00045	-88.39	-53.03	0.00045
-91.92	-49.50	0.00044	-98.99	-42.43	0.00041
-106.07	-35.36	0.00038	-113.14	-28.28	0.00036
-120.21	-21.21	0.00035	-127.28	-14.14	0.00033
-134.35	-7.07	0.00032	-141.42	0.00	0.00031
-7.07	-148.49	0.00048	-14.14	-141.42	0.00048
-21.21	-134.35	0.00046	-28.28	-127.28	0.00044
-35.36	-120.21	0.00042	-42.43	-113.14	0.00041
-49.50	-106.07	0.00040	-56.57	-98.99	0.00039
-60.10	-95.46	0.00038	-63.64	-91.92	0.00037
-65.76	-89.80	0.00036	-67.18	-88.39	0.00036
-68.59	-86.97	0.00035	-70.00	-85.56	0.00035
-71.42	-84.15	0.00035	-84.15	-71.42	0.00037
-85.56	-70.00	0.00037	-86.97	-68.59	0.00038
-88.39	-67.18	0.00038	-89.80	-65.76	0.00038
-91.92	-63.64	0.00038	-95.46	-60.10	0.00038
-98.99	-56.57	0.00038	-106.07	-49.50	0.00036
-113.14	-42.43	0.00033	-120.21	-35.36	0.00031

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00030	-134.35	-21.21	0.00029
-141.42	-14.14	0.00028	-148.49	-7.07	0.00027
-14.14	-155.56	0.00040	-21.21	-148.49	0.00039
-28.28	-141.42	0.00038	-35.36	-134.35	0.00036
-42.43	-127.28	0.00035	-49.50	-120.21	0.00034
-56.57	-113.14	0.00034	-63.64	-106.07	0.00033
-67.18	-102.53	0.00032	-70.71	-98.99	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00031	-74.25	-95.46	0.00030
-75.66	-94.05	0.00030	-77.07	-92.63	0.00030
-78.49	-91.22	0.00030	-91.22	-78.49	0.00032
-92.63	-77.07	0.00032	-94.05	-75.66	0.00032
-95.46	-74.25	0.00032	-96.87	-72.83	0.00033
-98.99	-70.71	0.00033	-102.53	-67.18	0.00033
-106.07	-63.64	0.00033	-113.14	-56.57	0.00032
-120.21	-49.50	0.00029	-127.28	-42.43	0.00027
-134.35	-35.36	0.00026	-141.42	-28.28	0.00025
-148.49	-21.21	0.00024	-155.56	-14.14	0.00023
-21.21	-162.63	0.00033	-28.28	-155.56	0.00032
-35.36	-148.49	0.00031	-42.43	-141.42	0.00030
-49.50	-134.35	0.00030	-56.57	-127.28	0.00030
-63.64	-120.21	0.00029	-70.71	-113.14	0.00028
-74.25	-109.60	0.00027	-77.78	-106.07	0.00027
-79.90	-103.94	0.00026	-81.32	-102.53	0.00026
-82.73	-101.12	0.00026	-84.15	-99.70	0.00026
-85.56	-98.29	0.00026	-98.29	-85.56	0.00028
-99.70	-84.15	0.00028	-101.12	-82.73	0.00028
-102.53	-81.32	0.00028	-103.94	-79.90	0.00028
-106.07	-77.78	0.00028	-109.60	-74.25	0.00029
-113.14	-70.71	0.00029	-120.21	-63.64	0.00028
-127.28	-56.57	0.00026	-134.35	-49.50	0.00025
-141.42	-42.43	0.00023	-148.49	-35.36	0.00022
-155.56	-28.28	0.00021	-162.63	-21.21	0.00020
-28.28	-169.71	0.00028	-35.36	-162.63	0.00027
-42.43	-155.56	0.00026	-49.50	-148.49	0.00026

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00026	-63.64	-134.35	0.00026
-70.71	-127.28	0.00025	-77.78	-120.21	0.00024
-81.32	-116.67	0.00024	-84.85	-113.14	0.00023
-86.97	-111.02	0.00023	-88.39	-109.60	0.00023
-89.80	-108.19	0.00023	-91.22	-106.77	0.00023
-92.63	-105.36	0.00023	-105.36	-92.63	0.00024
-106.77	-91.22	0.00024	-108.19	-89.80	0.00024
-109.60	-88.39	0.00025	-111.02	-86.97	0.00025
-113.14	-84.85	0.00025	-116.67	-81.32	0.00025
-120.21	-77.78	0.00025	-127.28	-70.71	0.00025
-134.35	-63.64	0.00024	-141.42	-56.57	0.00022
-148.49	-49.50	0.00021	-155.56	-42.43	0.00020
-162.63	-35.36	0.00019	-169.71	-28.28	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00024	-42.43	-169.71	0.00023
-49.50	-162.63	0.00023	-56.57	-155.56	0.00023
-63.64	-148.49	0.00023	-70.71	-141.42	0.00023
-77.78	-134.35	0.00022	-84.85	-127.28	0.00021
-88.39	-123.74	0.00021	-91.92	-120.21	0.00020
-94.05	-118.09	0.00020	-95.46	-116.67	0.00020
-96.87	-115.26	0.00020	-98.29	-113.84	0.00020
-99.70	-112.43	0.00020	-112.43	-99.70	0.00021
-113.84	-98.29	0.00021	-115.26	-96.87	0.00021
-116.67	-95.46	0.00022	-118.09	-94.05	0.00022
-120.21	-91.92	0.00022	-123.74	-88.39	0.00022
-127.28	-84.85	0.00022	-134.35	-77.78	0.00022
-141.42	-70.71	0.00021	-148.49	-63.64	0.00020
-155.56	-56.57	0.00019	-162.63	-49.50	0.00018
-169.71	-42.43	0.00017	-176.78	-35.36	0.00016
-42.43	-183.85	0.00021	-49.50	-176.78	0.00020
-56.57	-169.71	0.00020	-63.64	-162.63	0.00020
-70.71	-155.56	0.00020	-77.78	-148.49	0.00020
-84.85	-141.42	0.00019	-91.92	-134.35	0.00019
-95.46	-130.81	0.00018	-98.99	-127.28	0.00018
-101.12	-125.16	0.00018	-102.53	-123.74	0.00018

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00018	-105.36	-120.92	0.00018
-106.77	-119.50	0.00018	-119.50	-106.77	0.00019
-120.92	-105.36	0.00019	-122.33	-103.94	0.00019
-123.74	-102.53	0.00019	-125.16	-101.12	0.00019
-127.28	-98.99	0.00019	-130.81	-95.46	0.00019
-134.35	-91.92	0.00020	-141.42	-84.85	0.00020
-148.49	-77.78	0.00019	-155.56	-70.71	0.00018
-162.63	-63.64	0.00017	-169.71	-56.57	0.00016
-176.78	-49.50	0.00015	-183.85	-42.43	0.00015
-49.50	-190.92	0.00018	-56.57	-183.85	0.00018
-63.64	-176.78	0.00018	-70.71	-169.71	0.00018
-77.78	-162.63	0.00018	-84.85	-155.56	0.00018
-91.92	-148.49	0.00017	-98.99	-141.42	0.00017
-102.53	-137.89	0.00016	-106.07	-134.35	0.00016
-108.19	-132.23	0.00016	-109.60	-130.81	0.00016
-111.02	-129.40	0.00016	-112.43	-127.99	0.00016
-113.84	-126.57	0.00016	-126.57	-113.84	0.00017
-127.99	-112.43	0.00017	-129.40	-111.02	0.00017
-130.81	-109.60	0.00017	-132.23	-108.19	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00017	-137.89	-102.53	0.00017
-141.42	-98.99	0.00018	-148.49	-91.92	0.00018
-155.56	-84.85	0.00017	-162.63	-77.78	0.00017
-169.71	-70.71	0.00016	-176.78	-63.64	0.00015
-183.85	-56.57	0.00014	-190.92	-49.50	0.00013
-56.57	-197.99	0.00016	-63.64	-190.92	0.00016
-70.71	-183.85	0.00016	-77.78	-176.78	0.00016
-84.85	-169.71	0.00016	-91.92	-162.63	0.00016
-98.99	-155.56	0.00015	-106.07	-148.49	0.00015
-109.60	-144.96	0.00015	-113.14	-141.42	0.00014
-115.26	-139.30	0.00014	-116.67	-137.89	0.00014
-118.09	-136.47	0.00014	-119.50	-135.06	0.00014
-120.92	-133.64	0.00014	-133.64	-120.92	0.00015
-135.06	-119.50	0.00015	-136.47	-118.09	0.00015
-137.89	-116.67	0.00015	-139.30	-115.26	0.00015

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00016	-144.96	-109.60	0.00016
-148.49	-106.07	0.00016	-155.56	-98.99	0.00016
-162.63	-91.92	0.00016	-169.71	-84.85	0.00015
-176.78	-77.78	0.00015	-183.85	-70.71	0.00014
-190.92	-63.64	0.00013	-197.99	-56.57	0.00012
-63.64	-205.06	0.00015	-70.71	-197.99	0.00015
-77.78	-190.92	0.00015	-84.85	-183.85	0.00015
-91.92	-176.78	0.00014	-98.99	-169.71	0.00014
-106.07	-162.63	0.00014	-113.14	-155.56	0.00013
-116.67	-152.03	0.00013	-120.21	-148.49	0.00013
-122.33	-146.37	0.00013	-123.74	-144.96	0.00013
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00013	-140.71	-127.99	0.00014
-142.13	-126.57	0.00014	-143.54	-125.16	0.00014
-144.96	-123.74	0.00014	-146.37	-122.33	0.00014
-148.49	-120.21	0.00014	-152.03	-116.67	0.00014
-155.56	-113.14	0.00014	-162.63	-106.07	0.00014
-169.71	-98.99	0.00014	-176.78	-91.92	0.00014
-183.85	-84.85	0.00014	-190.92	-77.78	0.00013
-197.99	-70.71	0.00012	-205.06	-63.64	0.00012
-70.71	-212.13	0.00013	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00013
-98.99	-183.85	0.00013	-106.07	-176.78	0.00013
-113.14	-169.71	0.00012	-120.21	-162.63	0.00012
-123.74	-159.10	0.00012	-127.28	-155.56	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :      NCRA\_S3 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00012	-130.81	-152.03	0.00012
-132.23	-150.61	0.00012	-133.64	-149.20	0.00012
-135.06	-147.79	0.00012	-147.79	-135.06	0.00012
-149.20	-133.64	0.00012	-150.61	-132.23	0.00013
-152.03	-130.81	0.00013	-153.44	-129.40	0.00013
-155.56	-127.28	0.00013	-159.10	-123.74	0.00013
-162.63	-120.21	0.00013	-169.71	-113.14	0.00013
-176.78	-106.07	0.00013	-183.85	-98.99	0.00013
-190.92	-91.92	0.00013	-197.99	-84.85	0.00012



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00011	-212.13	-70.71	0.00011
-77.78	-219.20	0.00012	-84.85	-212.13	0.00012
-91.92	-205.06	0.00012	-98.99	-197.99	0.00012
-106.07	-190.92	0.00012	-113.14	-183.85	0.00012
-120.21	-176.78	0.00011	-127.28	-169.71	0.00011
-130.81	-166.17	0.00011	-134.35	-162.63	0.00011
-136.47	-160.51	0.00011	-137.89	-159.10	0.00011
-139.30	-157.68	0.00011	-140.71	-156.27	0.00011
-142.13	-154.86	0.00011	-154.86	-142.13	0.00011
-156.27	-140.71	0.00011	-157.68	-139.30	0.00011
-159.10	-137.89	0.00011	-160.51	-136.47	0.00012
-162.63	-134.35	0.00012	-166.17	-130.81	0.00012
-169.71	-127.28	0.00012	-176.78	-120.21	0.00012
-183.85	-113.14	0.00012	-190.92	-106.07	0.00012
-197.99	-98.99	0.00012	-205.06	-91.92	0.00011
-212.13	-84.85	0.00011	-219.20	-77.78	0.00010
-84.85	-226.27	0.00011	-91.92	-219.20	0.00011
-98.99	-212.13	0.00011	-106.07	-205.06	0.00011
-113.14	-197.99	0.00011	-120.21	-190.92	0.00011
-127.28	-183.85	0.00010	-134.35	-176.78	0.00010
-137.89	-173.24	0.00010	-141.42	-169.71	0.00010
-143.54	-167.58	0.00010	-144.96	-166.17	0.00010
-146.37	-164.76	0.00010	-147.79	-163.34	0.00010
-149.20	-161.93	0.00010	-161.93	-149.20	0.00010
-163.34	-147.79	0.00010	-164.76	-146.37	0.00010
-166.17	-144.96	0.00011	-167.58	-143.54	0.00011
-169.71	-141.42	0.00011	-173.24	-137.89	0.00011
-176.78	-134.35	0.00011	-183.85	-127.28	0.00011
-190.92	-120.21	0.00011	-197.99	-113.14	0.00011
-205.06	-106.07	0.00011	-212.13	-98.99	0.00011
-219.20	-91.92	0.00010	-226.27	-84.85	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00010
-120.21	-205.06	0.00010	-127.28	-197.99	0.00010

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00009	-141.42	-183.85	0.00009
-144.96	-180.31	0.00009	-148.49	-176.78	0.00009
-150.61	-174.66	0.00009	-152.03	-173.24	0.00009
-153.44	-171.83	0.00009	-154.86	-170.41	0.00009
-156.27	-169.00	0.00009	-169.00	-156.27	0.00010
-170.41	-154.86	0.00010	-171.83	-153.44	0.00010
-173.24	-152.03	0.00010	-174.66	-150.61	0.00010
-176.78	-148.49	0.00010	-180.31	-144.96	0.00010
-183.85	-141.42	0.00010	-190.92	-134.35	0.00010
-197.99	-127.28	0.00010	-205.06	-120.21	0.00010
-212.13	-113.14	0.00010	-219.20	-106.07	0.00010
-226.27	-98.99	0.00009	-233.35	-91.92	0.00009
-98.99	-240.42	0.00010	-106.07	-233.35	0.00010
-113.14	-226.27	0.00009	-120.21	-219.20	0.00009
-127.28	-212.13	0.00009	-134.35	-205.06	0.00009
-141.42	-197.99	0.00009	-148.49	-190.92	0.00008
-152.03	-187.38	0.00008	-155.56	-183.85	0.00008
-157.68	-181.73	0.00008	-159.10	-180.31	0.00008
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00009
-177.48	-161.93	0.00009	-178.90	-160.51	0.00009
-180.31	-159.10	0.00009	-181.73	-157.68	0.00009
-183.85	-155.56	0.00009	-187.38	-152.03	0.00009
-190.92	-148.49	0.00009	-197.99	-141.42	0.00009
-205.06	-134.35	0.00009	-212.13	-127.28	0.00009
-219.20	-120.21	0.00009	-226.27	-113.14	0.00009
-233.35	-106.07	0.00009	-240.42	-98.99	0.00009
-106.07	-247.49	0.00009	-113.14	-240.42	0.00009
-120.21	-233.35	0.00009	-127.28	-226.27	0.00009
-134.35	-219.20	0.00008	-141.42	-212.13	0.00008
-148.49	-205.06	0.00008	-155.56	-197.99	0.00008
-159.10	-194.45	0.00008	-162.63	-190.92	0.00008
-164.76	-188.80	0.00008	-166.17	-187.38	0.00008
-167.58	-185.97	0.00008	-169.00	-184.55	0.00008
-170.41	-183.14	0.00008	-183.14	-170.41	0.00008
-184.55	-169.00	0.00008	-185.97	-167.58	0.00008
-187.38	-166.17	0.00008	-188.80	-164.76	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00008	141.42	197.99	0.00008
134.35	205.06	0.00008	127.28	212.13	0.00007
120.21	219.20	0.00007	113.14	226.27	0.00006
106.07	233.35	0.00006	98.99	240.42	0.00006
233.35	91.92	0.00032	226.27	98.99	0.00030
219.20	106.07	0.00027	212.13	113.14	0.00025
205.06	120.21	0.00023	197.99	127.28	0.00020
190.92	134.35	0.00017	183.85	141.42	0.00014
180.31	144.96	0.00013	176.78	148.49	0.00012
174.66	150.61	0.00012	173.24	152.03	0.00012
171.83	153.44	0.00011	170.41	154.86	0.00011
169.00	156.27	0.00011	156.27	169.00	0.00010
154.86	170.41	0.00010	153.44	171.83	0.00010
152.03	173.24	0.00010	150.61	174.66	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00010	144.96	180.31	0.00010
141.42	183.85	0.00010	134.35	190.92	0.00009
127.28	197.99	0.00008	120.21	205.06	0.00008
113.14	212.13	0.00007	106.07	219.20	0.00007
99.00	226.27	0.00007	91.92	233.35	0.00006
226.27	84.85	0.00038	219.20	91.92	0.00036
212.13	98.99	0.00034	205.06	106.07	0.00031
197.99	113.14	0.00028	190.92	120.21	0.00025
183.85	127.28	0.00021	176.78	134.35	0.00017
173.24	137.89	0.00016	169.71	141.42	0.00015
167.58	143.54	0.00014	166.17	144.96	0.00014
164.76	146.37	0.00014	163.34	147.79	0.00013
161.93	149.20	0.00013	149.20	161.93	0.00012
147.79	163.34	0.00012	146.37	164.76	0.00011
144.96	166.17	0.00011	143.54	167.58	0.00011
141.42	169.71	0.00011	137.89	173.24	0.00011
134.35	176.78	0.00011	127.28	183.85	0.00010
120.21	190.92	0.00009	113.14	197.99	0.00009
106.07	205.06	0.00008	99.00	212.13	0.00008
91.92	219.20	0.00008	84.85	226.27	0.00007

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00047	212.13	84.85	0.00045
205.06	91.92	0.00043	197.99	98.99	0.00039
190.92	106.07	0.00035	183.85	113.14	0.00031
176.78	120.21	0.00027	169.71	127.28	0.00022
166.17	130.81	0.00020	162.63	134.35	0.00018
160.51	136.47	0.00017	159.10	137.89	0.00017
157.68	139.30	0.00016	156.27	140.71	0.00016
154.86	142.13	0.00015	142.13	154.86	0.00014
140.71	156.27	0.00014	139.30	157.68	0.00013
137.89	159.10	0.00013	136.47	160.51	0.00013
134.35	162.63	0.00013	130.81	166.17	0.00013
127.28	169.71	0.00013	120.21	176.78	0.00012
113.14	183.85	0.00011	106.07	190.92	0.00010
99.00	197.99	0.00009	91.92	205.06	0.00009
84.85	212.13	0.00009	77.78	219.20	0.00009
212.13	70.71	0.00058	205.06	77.78	0.00057
197.99	84.85	0.00054	190.92	91.92	0.00051
183.85	98.99	0.00046	176.78	106.07	0.00040
169.71	113.14	0.00035	162.63	120.21	0.00028
159.10	123.74	0.00025	155.56	127.28	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00021	152.03	130.81	0.00021
150.61	132.23	0.00020	149.20	133.64	0.00019
147.79	135.06	0.00019	135.06	147.79	0.00016
133.64	149.20	0.00016	132.23	150.61	0.00016
130.81	152.03	0.00016	129.40	153.44	0.00016
127.28	155.56	0.00016	123.74	159.10	0.00015
120.21	162.63	0.00015	113.14	169.71	0.00013
106.07	176.78	0.00012	98.99	183.85	0.00011
91.92	190.92	0.00011	84.85	197.99	0.00011
77.78	205.06	0.00010	70.71	212.13	0.00010
205.06	63.64	0.00072	197.99	70.71	0.00071
190.92	77.78	0.00069	183.85	84.85	0.00066
176.78	91.92	0.00061	169.71	98.99	0.00054
162.63	106.07	0.00046	155.56	113.14	0.00038

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00034	148.49	120.21	0.00030
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00025	142.13	126.57	0.00024
140.71	127.99	0.00023	127.99	140.71	0.00020
126.57	142.13	0.00019	125.16	143.54	0.00019
123.74	144.96	0.00019	122.33	146.37	0.00019
120.21	148.49	0.00019	116.67	152.03	0.00018
113.14	155.56	0.00017	106.07	162.63	0.00015
98.99	169.71	0.00014	91.92	176.78	0.00014
84.85	183.85	0.00013	77.78	190.92	0.00013
70.71	197.99	0.00012	63.64	205.06	0.00012
197.99	56.57	0.00090	190.92	63.64	0.00091
183.85	70.71	0.00090	176.78	77.78	0.00087
169.71	84.85	0.00083	162.63	91.92	0.00075
155.56	98.99	0.00065	148.49	106.07	0.00053
144.96	109.60	0.00047	141.42	113.14	0.00040
139.30	115.26	0.00037	137.89	116.67	0.00035
136.47	118.09	0.00033	135.06	119.50	0.00031
133.64	120.92	0.00030	120.92	133.64	0.00024
119.50	135.06	0.00024	118.09	136.47	0.00024
116.67	137.89	0.00023	115.26	139.30	0.00023
113.14	141.42	0.00023	109.60	144.96	0.00021
106.07	148.49	0.00020	98.99	155.56	0.00018
91.92	162.63	0.00017	84.85	169.71	0.00017
77.78	176.78	0.00016	70.71	183.85	0.00016
63.64	190.92	0.00015	56.57	197.99	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00111	183.85	56.57	0.00115
176.78	63.64	0.00117	169.71	70.71	0.00117
162.63	77.78	0.00114	155.56	84.85	0.00107
148.49	91.92	0.00095	141.42	98.99	0.00078
137.89	102.53	0.00069	134.35	106.07	0.00059
132.23	108.19	0.00053	130.81	109.60	0.00050
129.40	111.02	0.00046	127.99	112.43	0.00043
126.57	113.84	0.00041	113.84	126.57	0.00031

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00030	111.02	129.40	0.00030
109.60	130.81	0.00029	108.19	132.23	0.00029
106.07	134.35	0.00028	102.53	137.89	0.00026
98.99	141.42	0.00025	91.92	148.49	0.00023
84.85	155.56	0.00022	77.78	162.63	0.00021
70.71	169.71	0.00020	63.64	176.78	0.00020
56.57	183.85	0.00019	49.50	190.92	0.00018
183.85	42.43	0.00136	176.78	49.50	0.00144
169.71	56.57	0.00151	162.63	63.64	0.00156
155.56	70.71	0.00158	148.49	77.78	0.00155
141.42	84.85	0.00145	134.35	91.92	0.00125
130.81	95.46	0.00111	127.28	98.99	0.00094
125.16	101.12	0.00084	123.74	102.53	0.00077
122.33	103.94	0.00071	120.92	105.36	0.00065
119.50	106.77	0.00059	106.77	119.50	0.00040
105.36	120.92	0.00039	103.94	122.33	0.00038
102.53	123.74	0.00037	101.12	125.16	0.00036
98.99	127.28	0.00034	95.46	130.81	0.00033
91.92	134.35	0.00031	84.85	141.42	0.00030
77.78	148.49	0.00029	70.71	155.56	0.00028
63.64	162.63	0.00027	56.57	169.71	0.00025
49.50	176.78	0.00024	42.43	183.85	0.00023
176.78	35.36	0.00164	169.71	42.43	0.00178
162.63	49.50	0.00192	155.56	56.57	0.00205
148.49	63.64	0.00217	141.42	70.71	0.00225
134.35	77.78	0.00225	127.28	84.85	0.00210
123.74	88.39	0.00194	120.21	91.92	0.00171
118.09	94.05	0.00153	116.67	95.46	0.00141
115.26	96.87	0.00127	113.84	98.29	0.00114
112.43	99.70	0.00101	99.70	112.43	0.00053
98.29	113.84	0.00051	96.87	115.26	0.00050
95.46	116.67	0.00048	94.05	118.09	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00046	88.39	123.74	0.00045
84.85	127.28	0.00044	77.78	134.35	0.00042

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00040	63.64	148.49	0.00038
56.57	155.56	0.00035	49.50	162.63	0.00033
42.43	169.71	0.00031	35.36	176.78	0.00028
169.71	28.28	0.00193	162.63	35.36	0.00213
155.56	42.43	0.00236	148.49	49.50	0.00260
141.42	56.57	0.00286	134.35	63.64	0.00313
127.28	70.71	0.00336	120.21	77.78	0.00349
116.67	81.32	0.00347	113.14	84.85	0.00335
111.02	86.97	0.00320	109.60	88.39	0.00306
108.19	89.80	0.00287	106.77	91.22	0.00263
105.36	92.63	0.00234	92.63	105.36	0.00077
91.22	106.77	0.00076	89.80	108.19	0.00076
88.39	109.60	0.00076	86.97	111.02	0.00075
84.85	113.14	0.00074	81.32	116.67	0.00072
77.78	120.21	0.00069	70.71	127.28	0.00063
63.64	134.35	0.00057	56.57	141.42	0.00052
49.50	148.49	0.00047	42.43	155.56	0.00042
35.36	162.63	0.00038	28.28	169.71	0.00035
162.63	21.21	0.00220	155.56	28.28	0.00247
148.49	35.36	0.00278	141.42	42.43	0.00314
134.35	49.50	0.00355	127.28	56.57	0.00401
120.21	63.64	0.00450	113.14	70.71	0.00499
109.60	74.25	0.00520	106.07	77.78	0.00534
103.94	79.90	0.00538	102.53	81.32	0.00538
101.12	82.73	0.00536	99.70	84.15	0.00536
98.29	85.56	0.00533	85.56	98.29	0.00153
84.15	99.70	0.00146	82.73	101.12	0.00139
81.32	102.53	0.00134	79.90	103.94	0.00130
77.78	106.07	0.00123	74.25	109.60	0.00114
70.71	113.14	0.00105	63.64	120.21	0.00090
56.57	127.28	0.00077	49.50	134.35	0.00067
42.43	141.42	0.00059	35.36	148.49	0.00052
28.28	155.56	0.00046	21.21	162.63	0.00041
155.56	14.14	0.00242	148.49	21.21	0.00275
141.42	28.28	0.00313	134.35	35.36	0.00358
127.28	42.43	0.00410	120.21	49.50	0.00469
113.14	56.57	0.00532	106.07	63.64	0.00590
102.53	67.18	0.00613	98.99	70.71	0.00626

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

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14NCRA PL94-300 DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00626	95.46	74.25	0.00622
94.05	75.66	0.00614	92.63	77.07	0.00606
91.22	78.49	0.00595	78.49	91.22	0.00190
77.07	92.63	0.00184	75.66	94.05	0.00180
74.25	95.46	0.00175	72.83	96.87	0.00171
70.71	98.99	0.00163	67.18	102.53	0.00150
63.64	106.07	0.00138	56.57	113.14	0.00115
49.50	120.21	0.00097	42.43	127.28	0.00083
35.36	134.35	0.00071	28.28	141.42	0.00061
21.21	148.49	0.00054	14.14	155.56	0.00047
148.49	7.07	0.00258	141.42	14.14	0.00294
134.35	21.21	0.00337	127.28	28.28	0.00387
120.21	35.36	0.00445	113.14	42.43	0.00509
106.07	49.50	0.00576	98.99	56.57	0.00635
95.46	60.10	0.00654	91.92	63.64	0.00662
89.80	65.76	0.00658	88.39	67.18	0.00651
86.97	68.59	0.00641	85.56	70.00	0.00628
84.15	71.42	0.00616	71.42	84.15	0.00208
70.00	85.56	0.00202	68.59	86.97	0.00198
67.18	88.39	0.00194	65.76	89.80	0.00190
63.64	91.92	0.00184	60.10	95.46	0.00173
56.57	98.99	0.00161	49.50	106.07	0.00137
42.43	113.14	0.00115	35.36	120.21	0.00097
28.28	127.28	0.00082	21.21	134.35	0.00070
14.14	141.42	0.00061	7.07	148.49	0.00053
141.42	0.00	0.00265	134.35	7.07	0.00304
127.28	14.14	0.00348	120.21	21.21	0.00401
113.14	28.28	0.00461	106.07	35.36	0.00528
98.99	42.43	0.00597	91.92	49.50	0.00655
88.39	53.03	0.00672	84.85	56.57	0.00676
82.73	58.69	0.00671	81.32	60.10	0.00664
79.90	61.52	0.00654	78.49	62.93	0.00641
77.07	64.35	0.00628	64.35	77.07	0.00221
62.93	78.49	0.00215	61.52	79.90	0.00210
60.10	81.32	0.00206	58.69	82.73	0.00202
56.57	84.85	0.00196	53.03	88.39	0.00186
49.50	91.92	0.00175	42.43	98.99	0.00151
35.36	106.07	0.00129	28.28	113.14	0.00109
21.21	120.21	0.00092	14.14	127.28	0.00078
7.07	134.35	0.00067	0.00	141.42	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

14:58:12

\*\*MODELOPTs:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00264	127.28	0.00	0.00302
120.21	7.07	0.00347	113.14	14.14	0.00400
106.07	21.21	0.00461	98.99	28.28	0.00529
91.92	35.36	0.00599	84.85	42.43	0.00656
81.32	45.96	0.00674	77.78	49.50	0.00680
75.66	51.62	0.00675	74.25	53.03	0.00669
72.83	54.45	0.00659	71.42	55.86	0.00646
70.00	57.28	0.00633	57.28	70.00	0.00229
55.86	71.42	0.00223	54.45	72.83	0.00218
53.03	74.25	0.00214	51.62	75.66	0.00210
49.50	77.78	0.00204	45.96	81.32	0.00193
42.43	84.85	0.00183	35.36	91.92	0.00160
28.28	98.99	0.00137	21.21	106.07	0.00117
14.14	113.14	0.00099	7.07	120.21	0.00084
0.00	127.28	0.00072	-7.07	134.35	0.00062
127.28	-14.14	0.00254	120.21	-7.07	0.00290
113.14	0.00	0.00333	106.07	7.07	0.00385
98.99	14.14	0.00445	91.92	21.21	0.00512
84.85	28.28	0.00581	77.78	35.36	0.00642
74.25	38.89	0.00663	70.71	42.43	0.00672
68.59	44.55	0.00670	67.18	45.96	0.00664
65.76	47.38	0.00655	64.35	48.79	0.00644
62.93	50.20	0.00630	50.20	62.93	0.00232
48.79	64.35	0.00226	47.38	65.76	0.00222
45.96	67.18	0.00218	44.55	68.59	0.00214
42.43	70.71	0.00208	38.89	74.25	0.00198
35.36	77.78	0.00187	28.28	84.85	0.00164
21.21	91.92	0.00141	14.14	98.99	0.00121
7.07	106.07	0.00103	0.00	113.14	0.00088
-7.07	120.21	0.00075	-14.14	127.28	0.00065
120.21	-21.21	0.00237	113.14	-14.14	0.00270
106.07	-7.07	0.00309	98.99	0.00	0.00356
91.92	7.07	0.00411	84.85	14.14	0.00473
77.78	21.21	0.00539	70.71	28.28	0.00603

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00629	63.64	35.36	0.00644
61.52	37.48	0.00646	60.10	38.89	0.00644
58.69	40.31	0.00638	57.28	41.72	0.00629
55.86	43.13	0.00618	43.13	55.86	0.00231
41.72	57.28	0.00225	40.31	58.69	0.00221
38.89	60.10	0.00218	37.48	61.52	0.00215

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00209	31.82	67.18	0.00198
28.28	70.71	0.00187	21.21	77.78	0.00163
14.14	84.85	0.00141	7.07	91.92	0.00120
0.00	98.99	0.00103	-7.07	106.07	0.00088
-14.14	113.14	0.00076	-21.21	120.21	0.00065
113.14	-28.28	0.00213	106.07	-21.21	0.00241
98.99	-14.14	0.00274	91.92	-7.07	0.00313
84.85	0.00	0.00358	77.78	7.07	0.00408
70.71	14.14	0.00465	63.64	21.21	0.00524
60.10	24.75	0.00551	56.57	28.28	0.00573
54.45	30.41	0.00582	53.03	31.82	0.00586
51.62	33.23	0.00587	50.20	34.65	0.00585
48.79	36.06	0.00582	36.06	48.79	0.00224
34.65	50.20	0.00219	33.23	51.62	0.00215
31.82	53.03	0.00212	30.41	54.45	0.00209
28.28	56.57	0.00203	24.75	60.10	0.00192
21.21	63.64	0.00180	14.14	70.71	0.00155
7.07	77.78	0.00134	0.00	84.85	0.00115
-7.07	91.92	0.00099	-14.14	98.99	0.00085
-21.21	106.07	0.00073	-28.28	113.14	0.00064
106.07	-35.36	0.00186	98.99	-28.28	0.00208
91.92	-21.21	0.00232	84.85	-14.14	0.00260
77.78	-7.07	0.00290	70.71	0.00	0.00323
63.64	7.07	0.00356	56.57	14.14	0.00388
53.03	17.68	0.00402	49.50	21.21	0.00413
47.38	23.33	0.00420	45.96	24.75	0.00425
44.55	26.16	0.00432	43.13	27.58	0.00440
41.72	28.99	0.00452	28.99	41.72	0.00204

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00198	26.16	44.55	0.00193
24.75	45.96	0.00189	23.33	47.38	0.00186
21.21	49.50	0.00180	17.68	53.03	0.00169
14.14	56.57	0.00159	7.07	63.64	0.00138
0.00	70.71	0.00120	-7.07	77.78	0.00104
-14.14	84.85	0.00091	-21.21	91.92	0.00079
-28.28	98.99	0.00069	-35.36	106.07	0.00061
98.99	-42.43	0.00158	91.92	-35.36	0.00173
84.85	-28.28	0.00189	77.78	-21.21	0.00205
70.71	-14.14	0.00221	63.64	-7.07	0.00234
56.57	0.00	0.00243	49.50	7.07	0.00239
45.96	10.61	0.00231	42.43	14.14	0.00216

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00203	38.89	17.68	0.00194
37.48	19.09	0.00183	36.06	20.51	0.00172
34.65	21.92	0.00160	21.92	34.65	0.00130
20.51	36.06	0.00132	19.09	37.48	0.00133
17.68	38.89	0.00134	16.26	40.31	0.00134
14.14	42.43	0.00134	10.61	45.96	0.00131
7.07	49.50	0.00126	0.00	56.57	0.00115
-7.07	63.64	0.00102	-14.14	70.71	0.00091
-21.21	77.78	0.00081	-28.28	84.85	0.00072
-35.36	91.92	0.00064	-42.43	98.99	0.00057
91.92	-49.50	0.00131	84.85	-42.43	0.00140
77.78	-35.36	0.00149	70.71	-28.28	0.00156
63.64	-21.21	0.00161	56.57	-14.14	0.00163
49.50	-7.07	0.00159	42.43	0.00	0.00147
38.89	3.54	0.00137	35.36	7.07	0.00125
33.23	9.19	0.00116	31.82	10.61	0.00111
30.41	12.02	0.00106	28.99	13.44	0.00101
27.58	14.85	0.00097	14.85	27.58	0.00094
13.44	28.99	0.00094	12.02	30.41	0.00095
10.61	31.82	0.00095	9.19	33.23	0.00095
7.07	35.36	0.00096	3.54	38.89	0.00096
0.00	42.43	0.00096	-7.07	49.50	0.00091

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00077
-28.28	70.71	0.00070	-35.36	77.78	0.00064
-42.43	84.85	0.00058	-49.50	91.92	0.00052
84.85	-56.57	0.00107	77.78	-49.50	0.00111
70.71	-42.43	0.00115	63.64	-35.36	0.00118
56.57	-28.28	0.00118	49.50	-21.21	0.00116
42.43	-14.14	0.00110	35.36	-7.07	0.00099
31.82	-3.54	0.00092	28.28	0.00	0.00086
26.16	2.12	0.00083	24.75	3.54	0.00081
23.33	4.95	0.00078	21.92	6.36	0.00076
20.51	7.78	0.00075	7.78	20.51	0.00076
6.36	21.92	0.00077	4.95	23.33	0.00077
3.54	24.75	0.00076	2.12	26.16	0.00076
0.00	28.28	0.00075	-3.54	31.82	0.00074
-7.07	35.36	0.00073	-14.14	42.43	0.00071
-21.21	49.50	0.00068	-28.28	56.57	0.00064
-35.36	63.64	0.00060	-42.43	70.71	0.00055
-49.50	77.78	0.00051	-56.57	84.85	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00087	70.71	-56.57	0.00089
63.64	-49.50	0.00090	56.57	-42.43	0.00090
49.50	-35.36	0.00089	42.43	-28.28	0.00086
35.36	-21.21	0.00080	28.28	-14.14	0.00072
24.75	-10.61	0.00069	21.21	-7.07	0.00067
19.09	-4.95	0.00065	17.68	-3.54	0.00064
16.26	-2.12	0.00062	14.85	-0.71	0.00061
13.44	0.71	0.00060	0.71	13.44	0.00063
-0.71	14.85	0.00063	-2.12	16.26	0.00064
-3.54	17.68	0.00064	-4.95	19.09	0.00064
-7.07	21.21	0.00063	-10.61	24.75	0.00061
-14.14	28.28	0.00059	-21.21	35.36	0.00057
-28.28	42.43	0.00055	-35.36	49.50	0.00052
-42.43	56.57	0.00050	-49.50	63.64	0.00047
-56.57	70.71	0.00044	-63.64	77.78	0.00041
70.71	-70.71	0.00071	63.64	-63.64	0.00071

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00071	49.50	-49.50	0.00071
42.43	-42.43	0.00068	35.36	-35.36	0.00065
28.28	-28.28	0.00060	21.21	-21.21	0.00057
17.68	-17.68	0.00055	14.14	-14.14	0.00054
12.02	-12.02	0.00052	10.61	-10.61	0.00052
9.19	-9.19	0.00051	7.78	-7.78	0.00050
6.36	-6.36	0.00049	-6.36	6.36	0.00052
-7.78	7.78	0.00053	-9.19	9.19	0.00053
-10.61	10.61	0.00053	-12.02	12.02	0.00053
-14.14	14.14	0.00053	-17.68	17.68	0.00052
-21.21	21.21	0.00051	-28.28	28.28	0.00047
-35.36	35.36	0.00045	-42.43	42.43	0.00043
-49.50	49.50	0.00041	-56.57	56.57	0.00040
-63.64	63.64	0.00038	-70.71	70.71	0.00036
63.64	-77.78	0.00058	56.57	-70.71	0.00058
49.50	-63.64	0.00057	42.43	-56.57	0.00056
35.36	-49.50	0.00053	28.28	-42.43	0.00050
21.21	-35.36	0.00048	14.14	-28.28	0.00047
10.61	-24.75	0.00046	7.07	-21.21	0.00044
4.95	-19.09	0.00043	3.54	-17.68	0.00043
2.12	-16.26	0.00042	0.71	-14.85	0.00041
-0.71	-13.44	0.00041	-13.44	-0.71	0.00044
-14.85	0.71	0.00044	-16.26	2.12	0.00044
-17.68	3.54	0.00045	-19.09	4.95	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00045	-24.75	10.61	0.00045
-28.28	14.14	0.00044	-35.36	21.21	0.00041
-42.43	28.28	0.00038	-49.50	35.36	0.00036
-56.57	42.43	0.00035	-63.64	49.50	0.00033
-70.71	56.57	0.00032	-77.78	63.64	0.00031
56.57	-84.85	0.00048	49.50	-77.78	0.00048
42.43	-70.71	0.00046	35.36	-63.64	0.00044
28.28	-56.57	0.00042	21.21	-49.50	0.00041
14.14	-42.43	0.00040	7.07	-35.36	0.00039
3.54	-31.82	0.00038	0.00	-28.28	0.00037

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00036	-3.54	-24.75	0.00036
-4.95	-23.33	0.00035	-6.36	-21.92	0.00035
-7.78	-20.51	0.00035	-20.51	-7.78	0.00037
-21.92	-6.36	0.00037	-23.33	-4.95	0.00038
-24.75	-3.54	0.00038	-26.16	-2.12	0.00038
-28.28	0.00	0.00038	-31.82	3.54	0.00038
-35.36	7.07	0.00038	-42.43	14.14	0.00036
-49.50	21.21	0.00033	-56.57	28.28	0.00031
-63.64	35.36	0.00030	-70.71	42.43	0.00029
-77.78	49.50	0.00028	-84.85	56.57	0.00027
49.50	-91.92	0.00040	42.43	-84.85	0.00039
35.36	-77.78	0.00038	28.28	-70.71	0.00036
21.21	-63.64	0.00035	14.14	-56.57	0.00034
7.07	-49.50	0.00034	0.00	-42.43	0.00033
-3.54	-38.89	0.00032	-7.07	-35.36	0.00031
-9.19	-33.23	0.00031	-10.61	-31.82	0.00030
-12.02	-30.41	0.00030	-13.44	-28.99	0.00030
-14.85	-27.58	0.00030	-27.58	-14.85	0.00032
-28.99	-13.44	0.00032	-30.41	-12.02	0.00032
-31.82	-10.61	0.00032	-33.23	-9.19	0.00033
-35.36	-7.07	0.00033	-38.89	-3.54	0.00033
-42.43	0.00	0.00033	-49.50	7.07	0.00032
-56.57	14.14	0.00029	-63.64	21.21	0.00027
-70.71	28.28	0.00026	-77.78	35.36	0.00025
-84.85	42.43	0.00024	-91.92	49.50	0.00023
42.43	-98.99	0.00033	35.36	-91.92	0.00032
28.28	-84.85	0.00031	21.21	-77.78	0.00030
14.14	-70.71	0.00030	7.07	-63.64	0.00030
0.00	-56.57	0.00029	-7.07	-49.50	0.00028
-10.61	-45.96	0.00027	-14.14	-42.43	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00026	-17.68	-38.89	0.00026
-19.09	-37.48	0.00026	-20.51	-36.06	0.00026
-21.92	-34.65	0.00026	-34.65	-21.92	0.00028
-36.06	-20.51	0.00028	-37.48	-19.09	0.00028

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00028	-40.31	-16.26	0.00028
-42.43	-14.14	0.00028	-45.96	-10.61	0.00029
-49.50	-7.07	0.00029	-56.57	0.00	0.00028
-63.64	7.07	0.00026	-70.71	14.14	0.00025
-77.78	21.21	0.00023	-84.85	28.28	0.00022
-91.92	35.36	0.00021	-98.99	42.43	0.00020
35.36	-106.07	0.00028	28.28	-98.99	0.00027
21.21	-91.92	0.00026	14.14	-84.85	0.00026
7.07	-77.78	0.00026	0.00	-70.71	0.00026
-7.07	-63.64	0.00025	-14.14	-56.57	0.00024
-17.68	-53.03	0.00024	-21.21	-49.50	0.00023
-23.33	-47.38	0.00023	-24.75	-45.96	0.00023
-26.16	-44.55	0.00023	-27.58	-43.13	0.00023
-28.99	-41.72	0.00023	-41.72	-28.99	0.00024
-43.13	-27.58	0.00024	-44.55	-26.16	0.00024
-45.96	-24.75	0.00025	-47.38	-23.33	0.00025
-49.50	-21.21	0.00025	-53.03	-17.68	0.00025
-56.57	-14.14	0.00025	-63.64	-7.07	0.00025
-70.71	0.00	0.00024	-77.78	7.07	0.00022
-84.85	14.14	0.00021	-91.92	21.21	0.00020
-98.99	28.28	0.00019	-106.07	35.36	0.00018
28.28	-113.14	0.00024	21.21	-106.07	0.00023
14.14	-98.99	0.00023	7.07	-91.92	0.00023
0.00	-84.85	0.00023	-7.07	-77.78	0.00023
-14.14	-70.71	0.00022	-21.21	-63.64	0.00021
-24.75	-60.10	0.00021	-28.28	-56.57	0.00020
-30.41	-54.45	0.00020	-31.82	-53.03	0.00020
-33.23	-51.62	0.00020	-34.65	-50.20	0.00020
-36.06	-48.79	0.00020	-48.79	-36.06	0.00021
-50.20	-34.65	0.00021	-51.62	-33.23	0.00021
-53.03	-31.82	0.00022	-54.45	-30.41	0.00022
-56.57	-28.28	0.00022	-60.10	-24.75	0.00022
-63.64	-21.21	0.00022	-70.71	-14.14	0.00022
-77.78	-7.07	0.00021	-84.85	0.00	0.00020
-91.92	7.07	0.00019	-98.99	14.14	0.00018
-106.07	21.21	0.00017	-113.14	28.28	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00021	14.14	-113.14	0.00020
7.07	-106.07	0.00020	0.00	-98.99	0.00020
-7.07	-91.92	0.00020	-14.14	-84.85	0.00020
-21.21	-77.78	0.00019	-28.28	-70.71	0.00019
-31.82	-67.18	0.00018	-35.36	-63.64	0.00018
-37.48	-61.52	0.00018	-38.89	-60.10	0.00018
-40.31	-58.69	0.00018	-41.72	-57.28	0.00018
-43.13	-55.86	0.00018	-55.86	-43.13	0.00019
-57.28	-41.72	0.00019	-58.69	-40.31	0.00019
-60.10	-38.89	0.00019	-61.52	-37.48	0.00019
-63.64	-35.36	0.00019	-67.18	-31.82	0.00019
-70.71	-28.28	0.00020	-77.78	-21.21	0.00020
-84.85	-14.14	0.00019	-91.92	-7.07	0.00018
-98.99	0.00	0.00017	-106.07	7.07	0.00016
-113.14	14.14	0.00015	-120.21	21.21	0.00015
14.14	-127.28	0.00018	7.07	-120.21	0.00018
0.00	-113.14	0.00018	-7.07	-106.07	0.00018
-14.14	-98.99	0.00018	-21.21	-91.92	0.00018
-28.28	-84.85	0.00017	-35.36	-77.78	0.00017
-38.89	-74.25	0.00016	-42.43	-70.71	0.00016
-44.55	-68.59	0.00016	-45.96	-67.18	0.00016
-47.38	-65.76	0.00016	-48.79	-64.35	0.00016
-50.20	-62.93	0.00016	-62.93	-50.20	0.00017
-64.35	-48.79	0.00017	-65.76	-47.38	0.00017
-67.18	-45.96	0.00017	-68.59	-44.55	0.00017
-70.71	-42.43	0.00017	-74.25	-38.89	0.00017
-77.78	-35.36	0.00018	-84.85	-28.28	0.00018
-91.92	-21.21	0.00017	-98.99	-14.14	0.00017
-106.07	-7.07	0.00016	-113.14	0.00	0.00015
-120.21	7.07	0.00014	-127.28	14.14	0.00013
7.07	-134.35	0.00016	0.00	-127.28	0.00016
-7.07	-120.21	0.00016	-14.14	-113.14	0.00016
-21.21	-106.07	0.00016	-28.28	-98.99	0.00016
-35.36	-91.92	0.00015	-42.43	-84.85	0.00015
-45.96	-81.32	0.00015	-49.50	-77.78	0.00014
-51.62	-75.66	0.00014	-53.03	-74.25	0.00014
-54.45	-72.83	0.00014	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00015
-71.42	-55.86	0.00015	-72.83	-54.45	0.00015
-74.25	-53.03	0.00015	-75.66	-51.62	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00016	-81.32	-45.96	0.00016
-84.85	-42.43	0.00016	-91.92	-35.36	0.00016
-98.99	-28.28	0.00016	-106.07	-21.21	0.00015
-113.14	-14.14	0.00015	-120.21	-7.07	0.00014
-127.28	0.00	0.00013	-134.35	7.07	0.00012
0.00	-141.42	0.00015	-7.07	-134.35	0.00015
-14.14	-127.28	0.00015	-21.21	-120.21	0.00015
-28.28	-113.14	0.00014	-35.36	-106.07	0.00014
-42.43	-98.99	0.00014	-49.50	-91.92	0.00013
-53.03	-88.39	0.00013	-56.57	-84.85	0.00013
-58.69	-82.73	0.00013	-60.10	-81.32	0.00013
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013
-64.35	-77.07	0.00013	-77.07	-64.35	0.00014
-78.49	-62.93	0.00014	-79.90	-61.52	0.00014
-81.32	-60.10	0.00014	-82.73	-58.69	0.00014
-84.85	-56.57	0.00014	-88.39	-53.03	0.00014
-91.92	-49.50	0.00014	-98.99	-42.43	0.00014
-106.07	-35.36	0.00014	-113.14	-28.28	0.00014
-120.21	-21.21	0.00014	-127.28	-14.14	0.00013
-134.35	-7.07	0.00012	-141.42	0.00	0.00012
-7.07	-148.49	0.00013	-14.14	-141.42	0.00013
-21.21	-134.35	0.00013	-28.28	-127.28	0.00013
-35.36	-120.21	0.00013	-42.43	-113.14	0.00013
-49.50	-106.07	0.00012	-56.57	-98.99	0.00012
-60.10	-95.46	0.00012	-63.64	-91.92	0.00012
-65.76	-89.80	0.00012	-67.18	-88.39	0.00012
-68.59	-86.97	0.00012	-70.00	-85.56	0.00012
-71.42	-84.15	0.00012	-84.15	-71.42	0.00012
-85.56	-70.00	0.00012	-86.97	-68.59	0.00013
-88.39	-67.18	0.00013	-89.80	-65.76	0.00013
-91.92	-63.64	0.00013	-95.46	-60.10	0.00013
-98.99	-56.57	0.00013	-106.07	-49.50	0.00013
-113.14	-42.43	0.00013	-120.21	-35.36	0.00013
-127.28	-28.28	0.00013	-134.35	-21.21	0.00012
-141.42	-14.14	0.00011	-148.49	-7.07	0.00011
-14.14	-155.56	0.00012	-21.21	-148.49	0.00012

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00012	-35.36	-134.35	0.00012
-42.43	-127.28	0.00012	-49.50	-120.21	0.00012
-56.57	-113.14	0.00011	-63.64	-106.07	0.00011
-67.18	-102.53	0.00011	-70.71	-98.99	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00011	-74.25	-95.46	0.00011
-75.66	-94.05	0.00011	-77.07	-92.63	0.00011
-78.49	-91.22	0.00011	-91.22	-78.49	0.00011
-92.63	-77.07	0.00011	-94.05	-75.66	0.00011
-95.46	-74.25	0.00011	-96.87	-72.83	0.00012
-98.99	-70.71	0.00012	-102.53	-67.18	0.00012
-106.07	-63.64	0.00012	-113.14	-56.57	0.00012
-120.21	-49.50	0.00012	-127.28	-42.43	0.00012
-134.35	-35.36	0.00012	-141.42	-28.28	0.00011
-148.49	-21.21	0.00011	-155.56	-14.14	0.00010
-21.21	-162.63	0.00011	-28.28	-155.56	0.00011
-35.36	-148.49	0.00011	-42.43	-141.42	0.00011
-49.50	-134.35	0.00011	-56.57	-127.28	0.00011
-63.64	-120.21	0.00010	-70.71	-113.14	0.00010
-74.25	-109.60	0.00010	-77.78	-106.07	0.00010
-79.90	-103.94	0.00010	-81.32	-102.53	0.00010
-82.73	-101.12	0.00010	-84.15	-99.70	0.00010
-85.56	-98.29	0.00010	-98.29	-85.56	0.00010
-99.70	-84.15	0.00010	-101.12	-82.73	0.00010
-102.53	-81.32	0.00011	-103.94	-79.90	0.00011
-106.07	-77.78	0.00011	-109.60	-74.25	0.00011
-113.14	-70.71	0.00011	-120.21	-63.64	0.00011
-127.28	-56.57	0.00011	-134.35	-49.50	0.00011
-141.42	-42.43	0.00011	-148.49	-35.36	0.00011
-155.56	-28.28	0.00010	-162.63	-21.21	0.00010
-28.28	-169.71	0.00010	-35.36	-162.63	0.00010
-42.43	-155.56	0.00010	-49.50	-148.49	0.00010
-56.57	-141.42	0.00010	-63.64	-134.35	0.00010
-70.71	-127.28	0.00009	-77.78	-120.21	0.00009
-81.32	-116.67	0.00009	-84.85	-113.14	0.00009

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-105.36	-92.63	0.00010
-106.77	-91.22	0.00010	-108.19	-89.80	0.00010
-109.60	-88.39	0.00010	-111.02	-86.97	0.00010
-113.14	-84.85	0.00010	-116.67	-81.32	0.00010
-120.21	-77.78	0.00010	-127.28	-70.71	0.00010
-134.35	-63.64	0.00010	-141.42	-56.57	0.00010
-148.49	-49.50	0.00010	-155.56	-42.43	0.00010
-162.63	-35.36	0.00009	-169.71	-28.28	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00010	-42.43	-169.71	0.00010
-49.50	-162.63	0.00009	-56.57	-155.56	0.00009
-63.64	-148.49	0.00009	-70.71	-141.42	0.00009
-77.78	-134.35	0.00009	-84.85	-127.28	0.00008
-88.39	-123.74	0.00008	-91.92	-120.21	0.00008
-94.05	-118.09	0.00008	-95.46	-116.67	0.00008
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00009
-113.84	-98.29	0.00009	-115.26	-96.87	0.00009
-116.67	-95.46	0.00009	-118.09	-94.05	0.00009
-120.21	-91.92	0.00009	-123.74	-88.39	0.00009
-127.28	-84.85	0.00009	-134.35	-77.78	0.00009
-141.42	-70.71	0.00009	-148.49	-63.64	0.00009
-155.56	-56.57	0.00009	-162.63	-49.50	0.00009
-169.71	-42.43	0.00009	-176.78	-35.36	0.00009
-42.43	-183.85	0.00009	-49.50	-176.78	0.00009
-56.57	-169.71	0.00009	-63.64	-162.63	0.00009
-70.71	-155.56	0.00008	-77.78	-148.49	0.00008
-84.85	-141.42	0.00008	-91.92	-134.35	0.00008
-95.46	-130.81	0.00008	-98.99	-127.28	0.00008
-101.12	-125.16	0.00008	-102.53	-123.74	0.00008
-103.94	-122.33	0.00008	-105.36	-120.92	0.00008
-106.77	-119.50	0.00008	-119.50	-106.77	0.00008
-120.92	-105.36	0.00008	-122.33	-103.94	0.00008

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00008	-125.16	-101.12	0.00008
-127.28	-98.99	0.00008	-130.81	-95.46	0.00008
-134.35	-91.92	0.00008	-141.42	-84.85	0.00009
-148.49	-77.78	0.00009	-155.56	-70.71	0.00009
-162.63	-63.64	0.00009	-169.71	-56.57	0.00009
-176.78	-49.50	0.00008	-183.85	-42.43	0.00008
-49.50	-190.92	0.00008	-56.57	-183.85	0.00008
-63.64	-176.78	0.00008	-70.71	-169.71	0.00008
-77.78	-162.63	0.00008	-84.85	-155.56	0.00008
-91.92	-148.49	0.00007	-98.99	-141.42	0.00007
-102.53	-137.89	0.00007	-106.07	-134.35	0.00007
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00008
-127.99	-112.43	0.00008	-129.40	-111.02	0.00008
-130.81	-109.60	0.00008	-132.23	-108.19	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00008	-137.89	-102.53	0.00008
-141.42	-98.99	0.00008	-148.49	-91.92	0.00008
-155.56	-84.85	0.00008	-162.63	-77.78	0.00008
-169.71	-70.71	0.00008	-176.78	-63.64	0.00008
-183.85	-56.57	0.00008	-190.92	-49.50	0.00008
-56.57	-197.99	0.00008	-63.64	-190.92	0.00008
-70.71	-183.85	0.00007	-77.78	-176.78	0.00007
-84.85	-169.71	0.00007	-91.92	-162.63	0.00007
-98.99	-155.56	0.00007	-106.07	-148.49	0.00007
-109.60	-144.96	0.00007	-113.14	-141.42	0.00007
-115.26	-139.30	0.00007	-116.67	-137.89	0.00007
-118.09	-136.47	0.00007	-119.50	-135.06	0.00007
-120.92	-133.64	0.00007	-133.64	-120.92	0.00007
-135.06	-119.50	0.00007	-136.47	-118.09	0.00007
-137.89	-116.67	0.00007	-139.30	-115.26	0.00007
-141.42	-113.14	0.00007	-144.96	-109.60	0.00007
-148.49	-106.07	0.00007	-155.56	-98.99	0.00007
-162.63	-91.92	0.00007	-169.71	-84.85	0.00008

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00008	-183.85	-70.71	0.00008
-190.92	-63.64	0.00007	-197.99	-56.57	0.00007
-63.64	-205.06	0.00007	-70.71	-197.99	0.00007
-77.78	-190.92	0.00007	-84.85	-183.85	0.00007
-91.92	-176.78	0.00007	-98.99	-169.71	0.00007
-106.07	-162.63	0.00006	-113.14	-155.56	0.00006
-116.67	-152.03	0.00006	-120.21	-148.49	0.00006
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00007
-142.13	-126.57	0.00007	-143.54	-125.16	0.00007
-144.96	-123.74	0.00007	-146.37	-122.33	0.00007
-148.49	-120.21	0.00007	-152.03	-116.67	0.00007
-155.56	-113.14	0.00007	-162.63	-106.07	0.00007
-169.71	-98.99	0.00007	-176.78	-91.92	0.00007
-183.85	-84.85	0.00007	-190.92	-77.78	0.00007
-197.99	-70.71	0.00007	-205.06	-63.64	0.00007
-70.71	-212.13	0.00007	-77.78	-205.06	0.00007
-84.85	-197.99	0.00006	-91.92	-190.92	0.00006
-98.99	-183.85	0.00006	-106.07	-176.78	0.00006
-113.14	-169.71	0.00006	-120.21	-162.63	0.00006
-123.74	-159.10	0.00006	-127.28	-155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00006	-130.81	-152.03	0.00006
-132.23	-150.61	0.00006	-133.64	-149.20	0.00006
-135.06	-147.79	0.00006	-147.79	-135.06	0.00006
-149.20	-133.64	0.00006	-150.61	-132.23	0.00006
-152.03	-130.81	0.00006	-153.44	-129.40	0.00006
-155.56	-127.28	0.00006	-159.10	-123.74	0.00006
-162.63	-120.21	0.00006	-169.71	-113.14	0.00006
-176.78	-106.07	0.00007	-183.85	-98.99	0.00007
-190.92	-91.92	0.00007	-197.99	-84.85	0.00007
-205.06	-77.78	0.00007	-212.13	-70.71	0.00006
-77.78	-219.20	0.00006	-84.85	-212.13	0.00006
-91.92	-205.06	0.00006	-98.99	-197.99	0.00006

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-190.92	0.00006	-113.14	-183.85	0.00006
-120.21	-176.78	0.00006	-127.28	-169.71	0.00006
-130.81	-166.17	0.00006	-134.35	-162.63	0.00006
-136.47	-160.51	0.00006	-137.89	-159.10	0.00006
-139.30	-157.68	0.00006	-140.71	-156.27	0.00006
-142.13	-154.86	0.00006	-154.86	-142.13	0.00006
-156.27	-140.71	0.00006	-157.68	-139.30	0.00006
-159.10	-137.89	0.00006	-160.51	-136.47	0.00006
-162.63	-134.35	0.00006	-166.17	-130.81	0.00006
-169.71	-127.28	0.00006	-176.78	-120.21	0.00006
-183.85	-113.14	0.00006	-190.92	-106.07	0.00006
-197.99	-98.99	0.00006	-205.06	-91.92	0.00006
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00006	-91.92	-219.20	0.00006
-98.99	-212.13	0.00006	-106.07	-205.06	0.00006
-113.14	-197.99	0.00005	-120.21	-190.92	0.00005
-127.28	-183.85	0.00005	-134.35	-176.78	0.00005
-137.89	-173.24	0.00005	-141.42	-169.71	0.00005
-143.54	-167.58	0.00005	-144.96	-166.17	0.00005
-146.37	-164.76	0.00005	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00005
-163.34	-147.79	0.00005	-164.76	-146.37	0.00006
-166.17	-144.96	0.00006	-167.58	-143.54	0.00006
-169.71	-141.42	0.00006	-173.24	-137.89	0.00006
-176.78	-134.35	0.00006	-183.85	-127.28	0.00006
-190.92	-120.21	0.00006	-197.99	-113.14	0.00006
-205.06	-106.07	0.00006	-212.13	-98.99	0.00006
-219.20	-91.92	0.00006	-226.27	-84.85	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00006	-98.99	-226.27	0.00005
-106.07	-219.20	0.00005	-113.14	-212.13	0.00005
-120.21	-205.06	0.00005	-127.28	-197.99	0.00005
-134.35	-190.92	0.00005	-141.42	-183.85	0.00005
-144.96	-180.31	0.00005	-148.49	-176.78	0.00005
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00005
-170.41	-154.86	0.00005	-171.83	-153.44	0.00005
-173.24	-152.03	0.00005	-174.66	-150.61	0.00005
-176.78	-148.49	0.00005	-180.31	-144.96	0.00005
-183.85	-141.42	0.00005	-190.92	-134.35	0.00005
-197.99	-127.28	0.00005	-205.06	-120.21	0.00005
-212.13	-113.14	0.00005	-219.20	-106.07	0.00006
-226.27	-98.99	0.00006	-233.35	-91.92	0.00005
-98.99	-240.42	0.00005	-106.07	-233.35	0.00005
-113.14	-226.27	0.00005	-120.21	-219.20	0.00005
-127.28	-212.13	0.00005	-134.35	-205.06	0.00005
-141.42	-197.99	0.00005	-148.49	-190.92	0.00005
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-159.10	-180.31	0.00005
-160.51	-178.90	0.00005	-161.93	-177.48	0.00005
-163.34	-176.07	0.00005	-176.07	-163.34	0.00005
-177.48	-161.93	0.00005	-178.90	-160.51	0.00005
-180.31	-159.10	0.00005	-181.73	-157.68	0.00005
-183.85	-155.56	0.00005	-187.38	-152.03	0.00005
-190.92	-148.49	0.00005	-197.99	-141.42	0.00005
-205.06	-134.35	0.00005	-212.13	-127.28	0.00005
-219.20	-120.21	0.00005	-226.27	-113.14	0.00005
-233.35	-106.07	0.00005	-240.42	-98.99	0.00005
-106.07	-247.49	0.00005	-113.14	-240.42	0.00005
-120.21	-233.35	0.00005	-127.28	-226.27	0.00005
-134.35	-219.20	0.00005	-141.42	-212.13	0.00004
-148.49	-205.06	0.00004	-155.56	-197.99	0.00004
-159.10	-194.45	0.00004	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-167.58	-185.97	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00005
-184.55	-169.00	0.00005	-185.97	-167.58	0.00005
-187.38	-166.17	0.00005	-188.80	-164.76	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00005	-194.45	-159.10	0.00005
-197.99	-155.56	0.00005	-205.06	-148.49	0.00005
-212.13	-141.42	0.00005	-219.20	-134.35	0.00005
-226.27	-127.28	0.00005	-233.35	-120.21	0.00005
-240.42	-113.14	0.00005	-247.49	-106.07	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:  
 PAGE 103

CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00136	240.42	113.14	0.00144
233.35	120.21	0.00151	226.27	127.28	0.00156
219.20	134.35	0.00158	212.13	141.42	0.00155
205.06	148.49	0.00145	197.99	155.56	0.00125
194.45	159.10	0.00111	190.92	162.63	0.00094
188.80	164.76	0.00084	187.38	166.17	0.00077
185.97	167.58	0.00071	184.55	169.00	0.00065
183.14	170.41	0.00059	170.41	183.14	0.00040
169.00	184.55	0.00039	167.58	185.97	0.00038
166.17	187.38	0.00037	164.76	188.80	0.00036
162.63	190.92	0.00034	159.10	194.45	0.00033
155.56	197.99	0.00031	148.49	205.06	0.00030
141.42	212.13	0.00029	134.35	219.20	0.00028
127.28	226.27	0.00027	120.21	233.35	0.00025
113.14	240.42	0.00024	106.07	247.49	0.00023
240.42	98.99	0.00164	233.35	106.07	0.00178
226.27	113.14	0.00192	219.20	120.21	0.00205
212.13	127.28	0.00217	205.06	134.35	0.00225
197.99	141.42	0.00225	190.92	148.49	0.00210
187.38	152.03	0.00194	183.85	155.56	0.00171
181.73	157.68	0.00154	180.31	159.10	0.00141
178.90	160.51	0.00127	177.48	161.93	0.00114
176.07	163.34	0.00101	163.34	176.07	0.00053
161.93	177.48	0.00051	160.51	178.90	0.00050
159.10	180.31	0.00048	157.68	181.73	0.00047
155.56	183.85	0.00046	152.03	187.38	0.00045
148.49	190.92	0.00044	141.42	197.99	0.00042
134.35	205.06	0.00040	127.28	212.13	0.00038
120.21	219.20	0.00035	113.14	226.27	0.00033

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00031	98.99	240.42	0.00028
233.35	91.92	0.00193	226.27	98.99	0.00213
219.20	106.07	0.00236	212.13	113.14	0.00260
205.06	120.21	0.00286	197.99	127.28	0.00313
190.92	134.35	0.00336	183.85	141.42	0.00349
180.31	144.96	0.00347	176.78	148.49	0.00335
174.66	150.61	0.00320	173.24	152.03	0.00306
171.83	153.44	0.00287	170.41	154.86	0.00263
169.00	156.27	0.00234	156.27	169.00	0.00077
154.86	170.41	0.00076	153.44	171.83	0.00076
152.03	173.24	0.00076	150.61	174.66	0.00075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00074	144.96	180.31	0.00072
141.42	183.85	0.00069	134.35	190.92	0.00063
127.28	197.99	0.00057	120.21	205.06	0.00052
113.14	212.13	0.00047	106.07	219.20	0.00042
99.00	226.27	0.00038	91.92	233.35	0.00035
226.27	84.85	0.00220	219.20	91.92	0.00247
212.13	98.99	0.00278	205.06	106.07	0.00314
197.99	113.14	0.00355	190.92	120.21	0.00401
183.85	127.28	0.00450	176.78	134.35	0.00499
173.24	137.89	0.00520	169.71	141.42	0.00534
167.58	143.54	0.00538	166.17	144.96	0.00538
164.76	146.37	0.00536	163.34	147.79	0.00536
161.93	149.20	0.00533	149.20	161.93	0.00153
147.79	163.34	0.00146	146.37	164.76	0.00139
144.96	166.17	0.00134	143.54	167.58	0.00130
141.42	169.71	0.00123	137.89	173.24	0.00114
134.35	176.78	0.00105	127.28	183.85	0.00090
120.21	190.92	0.00077	113.14	197.99	0.00067
106.07	205.06	0.00059	99.00	212.13	0.00052
91.92	219.20	0.00046	84.85	226.27	0.00041
219.20	77.78	0.00242	212.13	84.85	0.00275
205.06	91.92	0.00313	197.99	98.99	0.00358
190.92	106.07	0.00410	183.85	113.14	0.00469

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00532	169.71	127.28	0.00590
166.17	130.81	0.00613	162.63	134.35	0.00626
160.51	136.47	0.00626	159.10	137.89	0.00622
157.68	139.30	0.00614	156.27	140.71	0.00606
154.86	142.13	0.00595	142.13	154.86	0.00190
140.71	156.27	0.00184	139.30	157.68	0.00180
137.89	159.10	0.00175	136.47	160.51	0.00171
134.35	162.63	0.00163	130.81	166.17	0.00150
127.28	169.71	0.00138	120.21	176.78	0.00115
113.14	183.85	0.00097	106.07	190.92	0.00083
99.00	197.99	0.00071	91.92	205.06	0.00061
84.85	212.13	0.00054	77.78	219.20	0.00047
212.13	70.71	0.00258	205.06	77.78	0.00294
197.99	84.85	0.00337	190.92	91.92	0.00387
183.85	98.99	0.00445	176.78	106.07	0.00509
169.71	113.14	0.00576	162.63	120.21	0.00635
159.10	123.74	0.00654	155.56	127.28	0.00662

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00658	152.03	130.81	0.00651
150.61	132.23	0.00641	149.20	133.64	0.00628
147.79	135.06	0.00616	135.06	147.79	0.00208
133.64	149.20	0.00202	132.23	150.61	0.00198
130.81	152.03	0.00194	129.40	153.44	0.00190
127.28	155.56	0.00184	123.74	159.10	0.00173
120.21	162.63	0.00161	113.14	169.71	0.00137
106.07	176.78	0.00115	98.99	183.85	0.00097
91.92	190.92	0.00082	84.85	197.99	0.00070
77.78	205.06	0.00061	70.71	212.13	0.00053
205.06	63.64	0.00265	197.99	70.71	0.00304
190.92	77.78	0.00348	183.85	84.85	0.00401
176.78	91.92	0.00461	169.71	98.99	0.00528
162.63	106.07	0.00597	155.56	113.14	0.00655
152.03	116.67	0.00672	148.49	120.21	0.00676
146.37	122.33	0.00671	144.96	123.74	0.00664
143.54	125.16	0.00654	142.13	126.57	0.00641



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00187	91.92	148.49	0.00164
84.85	155.56	0.00141	77.78	162.63	0.00121
70.71	169.71	0.00103	63.64	176.78	0.00088
56.57	183.85	0.00075	49.50	190.92	0.00065
183.85	42.43	0.00237	176.78	49.50	0.00270
169.71	56.57	0.00309	162.63	63.64	0.00356
155.56	70.71	0.00411	148.49	77.78	0.00473
141.42	84.85	0.00539	134.35	91.92	0.00603
130.81	95.46	0.00629	127.28	98.99	0.00644
125.16	101.12	0.00646	123.74	102.53	0.00644
122.33	103.94	0.00638	120.92	105.36	0.00629
119.50	106.77	0.00618	106.77	119.50	0.00231
105.36	120.92	0.00225	103.94	122.33	0.00221
102.53	123.74	0.00218	101.12	125.16	0.00215
98.99	127.28	0.00209	95.46	130.81	0.00198
91.92	134.35	0.00187	84.85	141.42	0.00163
77.78	148.49	0.00141	70.71	155.56	0.00120
63.64	162.63	0.00103	56.57	169.71	0.00088
49.50	176.78	0.00076	42.43	183.85	0.00065
176.78	35.36	0.00213	169.71	42.43	0.00241
162.63	49.50	0.00274	155.56	56.57	0.00313
148.49	63.64	0.00358	141.42	70.71	0.00408
134.35	77.78	0.00465	127.28	84.85	0.00524
123.74	88.39	0.00551	120.21	91.92	0.00573
118.09	94.05	0.00582	116.67	95.46	0.00586
115.26	96.87	0.00587	113.84	98.29	0.00585
112.43	99.70	0.00582	99.70	112.43	0.00224
98.29	113.84	0.00219	96.87	115.26	0.00215
95.46	116.67	0.00212	94.05	118.09	0.00209

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00203	88.39	123.74	0.00192
84.85	127.28	0.00180	77.78	134.35	0.00155
70.71	141.42	0.00134	63.64	148.49	0.00115
56.57	155.56	0.00099	49.50	162.63	0.00085
42.43	169.71	0.00073	35.36	176.78	0.00064

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00186	162.63	35.36	0.00208
155.56	42.43	0.00232	148.49	49.50	0.00260
141.42	56.57	0.00290	134.35	63.64	0.00323
127.28	70.71	0.00356	120.21	77.78	0.00388
116.67	81.32	0.00402	113.14	84.85	0.00413
111.02	86.97	0.00420	109.60	88.39	0.00425
108.19	89.80	0.00432	106.77	91.22	0.00440
105.36	92.63	0.00452	92.63	105.36	0.00204
91.22	106.77	0.00198	89.80	108.19	0.00193
88.39	109.60	0.00189	86.97	111.02	0.00186
84.85	113.14	0.00180	81.32	116.67	0.00169
77.78	120.21	0.00159	70.71	127.28	0.00138
63.64	134.35	0.00120	56.57	141.42	0.00104
49.50	148.49	0.00091	42.43	155.56	0.00079
35.36	162.63	0.00069	28.28	169.71	0.00061
162.63	21.21	0.00158	155.56	28.28	0.00173
148.49	35.36	0.00189	141.42	42.43	0.00205
134.35	49.50	0.00221	127.28	56.57	0.00234
120.21	63.64	0.00243	113.14	70.71	0.00239
109.60	74.25	0.00231	106.07	77.78	0.00216
103.94	79.90	0.00203	102.53	81.32	0.00194
101.12	82.73	0.00183	99.70	84.15	0.00172
98.29	85.56	0.00160	85.56	98.29	0.00130
84.15	99.70	0.00132	82.73	101.12	0.00133
81.32	102.53	0.00134	79.90	103.94	0.00134
77.78	106.07	0.00134	74.25	109.60	0.00131
70.71	113.14	0.00126	63.64	120.21	0.00115
56.57	127.28	0.00102	49.50	134.35	0.00091
42.43	141.42	0.00081	35.36	148.49	0.00072
28.28	155.56	0.00064	21.21	162.63	0.00057
155.56	14.14	0.00131	148.49	21.21	0.00140
141.42	28.28	0.00149	134.35	35.36	0.00156
127.28	42.43	0.00161	120.21	49.50	0.00163
113.14	56.57	0.00159	106.07	63.64	0.00147
102.53	67.18	0.00137	98.99	70.71	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00116	95.46	74.25	0.00111
94.05	75.66	0.00106	92.63	77.07	0.00101
91.22	78.49	0.00097	78.49	91.22	0.00094
77.07	92.63	0.00094	75.66	94.05	0.00095
74.25	95.46	0.00095	72.83	96.87	0.00095
70.71	98.99	0.00096	67.18	102.53	0.00096
63.64	106.07	0.00096	56.57	113.14	0.00091
49.50	120.21	0.00085	42.43	127.28	0.00077
35.36	134.35	0.00070	28.28	141.42	0.00064
21.21	148.49	0.00058	14.14	155.56	0.00052
148.49	7.07	0.00107	141.42	14.14	0.00111
134.35	21.21	0.00115	127.28	28.28	0.00118
120.21	35.36	0.00118	113.14	42.43	0.00116
106.07	49.50	0.00110	98.99	56.57	0.00099
95.46	60.10	0.00092	91.92	63.64	0.00086
89.80	65.76	0.00083	88.39	67.18	0.00081
86.97	68.59	0.00078	85.56	70.00	0.00076
84.15	71.42	0.00075	71.42	84.15	0.00076
70.00	85.56	0.00077	68.59	86.97	0.00077
67.18	88.39	0.00076	65.76	89.80	0.00076
63.64	91.92	0.00075	60.10	95.46	0.00074
56.57	98.99	0.00073	49.50	106.07	0.00071
42.43	113.14	0.00068	35.36	120.21	0.00064
28.28	127.28	0.00060	21.21	134.35	0.00055
14.14	141.42	0.00051	7.07	148.49	0.00047
141.42	0.00	0.00087	134.35	7.07	0.00089
127.28	14.14	0.00090	120.21	21.21	0.00090
113.14	28.28	0.00089	106.07	35.36	0.00086
98.99	42.43	0.00080	91.92	49.50	0.00072
88.39	53.03	0.00069	84.85	56.57	0.00067
82.73	58.69	0.00065	81.32	60.10	0.00064
79.90	61.52	0.00062	78.49	62.93	0.00061
77.07	64.35	0.00060	64.35	77.07	0.00063
62.93	78.49	0.00063	61.52	79.90	0.00064
60.10	81.32	0.00064	58.69	82.73	0.00064
56.57	84.85	0.00063	53.03	88.39	0.00061
49.50	91.92	0.00059	42.43	98.99	0.00057
35.36	106.07	0.00055	28.28	113.14	0.00052
21.21	120.21	0.00050	14.14	127.28	0.00047
7.07	134.35	0.00044	0.00	141.42	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00071	127.28	0.00	0.00071
120.21	7.07	0.00071	113.14	14.14	0.00071
106.07	21.21	0.00068	98.99	28.28	0.00065
91.92	35.36	0.00060	84.85	42.43	0.00057
81.32	45.96	0.00055	77.78	49.50	0.00054
75.66	51.62	0.00052	74.25	53.03	0.00052
72.83	54.45	0.00051	71.42	55.86	0.00050
70.00	57.28	0.00049	57.28	70.00	0.00052
55.86	71.42	0.00053	54.45	72.83	0.00053
53.03	74.25	0.00053	51.62	75.66	0.00053
49.50	77.78	0.00053	45.96	81.32	0.00052
42.43	84.85	0.00051	35.36	91.92	0.00047
28.28	98.99	0.00045	21.21	106.07	0.00043
14.14	113.14	0.00041	7.07	120.21	0.00040
0.00	127.28	0.00038	-7.07	134.35	0.00036
127.28	-14.14	0.00058	120.21	-7.07	0.00058
113.14	0.00	0.00057	106.07	7.07	0.00056
98.99	14.14	0.00053	91.92	21.21	0.00050
84.85	28.28	0.00048	77.78	35.36	0.00047
74.25	38.89	0.00046	70.71	42.43	0.00044
68.59	44.55	0.00043	67.18	45.96	0.00043
65.76	47.38	0.00042	64.35	48.79	0.00041
62.93	50.20	0.00041	50.20	62.93	0.00044
48.79	64.35	0.00044	47.38	65.76	0.00044
45.96	67.18	0.00045	44.55	68.59	0.00045
42.43	70.71	0.00045	38.89	74.25	0.00045
35.36	77.78	0.00044	28.28	84.85	0.00041
21.21	91.92	0.00038	14.14	98.99	0.00036
7.07	106.07	0.00035	0.00	113.14	0.00033
-7.07	120.21	0.00032	-14.14	127.28	0.00031
120.21	-21.21	0.00048	113.14	-14.14	0.00048
106.07	-7.07	0.00046	98.99	0.00	0.00044
91.92	7.07	0.00042	84.85	14.14	0.00041
77.78	21.21	0.00040	70.71	28.28	0.00039
67.18	31.82	0.00038	63.64	35.36	0.00037
61.52	37.48	0.00036	60.10	38.89	0.00036
58.69	40.31	0.00035	57.28	41.72	0.00035



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00035	43.13	55.86	0.00037
41.72	57.28	0.00037	40.31	58.69	0.00038
38.89	60.10	0.00038	37.48	61.52	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00038	31.82	67.18	0.00038
28.28	70.71	0.00038	21.21	77.78	0.00036
14.14	84.85	0.00033	7.07	91.92	0.00031
0.00	98.99	0.00030	-7.07	106.07	0.00029
-14.14	113.14	0.00028	-21.21	120.21	0.00027
113.14	-28.28	0.00040	106.07	-21.21	0.00039
98.99	-14.14	0.00038	91.92	-7.07	0.00036
84.85	0.00	0.00035	77.78	7.07	0.00034
70.71	14.14	0.00034	63.64	21.21	0.00033
60.10	24.75	0.00032	56.57	28.28	0.00031
54.45	30.41	0.00031	53.03	31.82	0.00030
51.62	33.23	0.00030	50.20	34.65	0.00030
48.79	36.06	0.00030	36.06	48.79	0.00032
34.65	50.20	0.00032	33.23	51.62	0.00032
31.82	53.03	0.00032	30.41	54.45	0.00033
28.28	56.57	0.00033	24.75	60.10	0.00033
21.21	63.64	0.00033	14.14	70.71	0.00032
7.07	77.78	0.00029	0.00	84.85	0.00027
-7.07	91.92	0.00026	-14.14	98.99	0.00025
-21.21	106.07	0.00024	-28.28	113.14	0.00023
106.07	-35.36	0.00033	98.99	-28.28	0.00032
91.92	-21.21	0.00031	84.85	-14.14	0.00030
77.78	-7.07	0.00030	70.71	0.00	0.00030
63.64	7.07	0.00029	56.57	14.14	0.00028
53.03	17.68	0.00027	49.50	21.21	0.00027
47.38	23.33	0.00026	45.96	24.75	0.00026
44.55	26.16	0.00026	43.13	27.58	0.00026
41.72	28.99	0.00026	28.99	41.72	0.00028
27.58	43.13	0.00028	26.16	44.55	0.00028
24.75	45.96	0.00028	23.33	47.38	0.00028
21.21	49.50	0.00028	17.68	53.03	0.00029

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00029	7.07	63.64	0.00028
0.00	70.71	0.00026	-7.07	77.78	0.00025
-14.14	84.85	0.00023	-21.21	91.92	0.00022
-28.28	98.99	0.00021	-35.36	106.07	0.00020
98.99	-42.43	0.00028	91.92	-35.36	0.00027
84.85	-28.28	0.00026	77.78	-21.21	0.00026
70.71	-14.14	0.00026	63.64	-7.07	0.00026
56.57	0.00	0.00025	49.50	7.07	0.00024
45.96	10.61	0.00024	42.43	14.14	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00023	38.89	17.68	0.00023
37.48	19.09	0.00023	36.06	20.51	0.00023
34.65	21.92	0.00023	21.92	34.65	0.00024
20.51	36.06	0.00024	19.09	37.48	0.00024
17.68	38.89	0.00025	16.26	40.31	0.00025
14.14	42.43	0.00025	10.61	45.96	0.00025
7.07	49.50	0.00025	0.00	56.57	0.00025
-7.07	63.64	0.00024	-14.14	70.71	0.00022
-21.21	77.78	0.00021	-28.28	84.85	0.00020
-35.36	91.92	0.00019	-42.43	98.99	0.00018
91.92	-49.50	0.00024	84.85	-42.43	0.00023
77.78	-35.36	0.00023	70.71	-28.28	0.00023
63.64	-21.21	0.00023	56.57	-14.14	0.00023
49.50	-7.07	0.00022	42.43	0.00	0.00021
38.89	3.54	0.00021	35.36	7.07	0.00020
33.23	9.19	0.00020	31.82	10.61	0.00020
30.41	12.02	0.00020	28.99	13.44	0.00020
27.58	14.85	0.00020	14.85	27.58	0.00021
13.44	28.99	0.00021	12.02	30.41	0.00021
10.61	31.82	0.00022	9.19	33.23	0.00022
7.07	35.36	0.00022	3.54	38.89	0.00022
0.00	42.43	0.00022	-7.07	49.50	0.00022
-14.14	56.57	0.00021	-21.21	63.64	0.00020
-28.28	70.71	0.00019	-35.36	77.78	0.00018
-42.43	84.85	0.00017	-49.50	91.92	0.00016

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00021	77.78	-49.50	0.00020
70.71	-42.43	0.00020	63.64	-35.36	0.00020
56.57	-28.28	0.00020	49.50	-21.21	0.00020
42.43	-14.14	0.00019	35.36	-7.07	0.00019
31.82	-3.54	0.00018	28.28	0.00	0.00018
26.16	2.12	0.00018	24.75	3.54	0.00018
23.33	4.95	0.00018	21.92	6.36	0.00018
20.51	7.78	0.00018	7.78	20.51	0.00019
6.36	21.92	0.00019	4.95	23.33	0.00019
3.54	24.75	0.00019	2.12	26.16	0.00019
0.00	28.28	0.00019	-3.54	31.82	0.00019
-7.07	35.36	0.00020	-14.14	42.43	0.00020
-21.21	49.50	0.00019	-28.28	56.57	0.00018
-35.36	63.64	0.00017	-42.43	70.71	0.00016
-49.50	77.78	0.00015	-56.57	84.85	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00018	70.71	-56.57	0.00018
63.64	-49.50	0.00018	56.57	-42.43	0.00018
49.50	-35.36	0.00018	42.43	-28.28	0.00018
35.36	-21.21	0.00017	28.28	-14.14	0.00017
24.75	-10.61	0.00016	21.21	-7.07	0.00016
19.09	-4.95	0.00016	17.68	-3.54	0.00016
16.26	-2.12	0.00016	14.85	-0.71	0.00016
13.44	0.71	0.00016	0.71	13.44	0.00017
-0.71	14.85	0.00017	-2.12	16.26	0.00017
-3.54	17.68	0.00017	-4.95	19.09	0.00017
-7.07	21.21	0.00017	-10.61	24.75	0.00017
-14.14	28.28	0.00018	-21.21	35.36	0.00018
-28.28	42.43	0.00017	-35.36	49.50	0.00017
-42.43	56.57	0.00016	-49.50	63.64	0.00015
-56.57	70.71	0.00014	-63.64	77.78	0.00013
70.71	-70.71	0.00016	63.64	-63.64	0.00016
56.57	-56.57	0.00016	49.50	-49.50	0.00016
42.43	-42.43	0.00016	35.36	-35.36	0.00016
28.28	-28.28	0.00015	21.21	-21.21	0.00015

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00015	14.14	-14.14	0.00014
12.02	-12.02	0.00014	10.61	-10.61	0.00014
9.19	-9.19	0.00014	7.78	-7.78	0.00014
6.36	-6.36	0.00014	-6.36	6.36	0.00015
-7.78	7.78	0.00015	-9.19	9.19	0.00015
-10.61	10.61	0.00015	-12.02	12.02	0.00015
-14.14	14.14	0.00016	-17.68	17.68	0.00016
-21.21	21.21	0.00016	-28.28	28.28	0.00016
-35.36	35.36	0.00016	-42.43	42.43	0.00015
-49.50	49.50	0.00015	-56.57	56.57	0.00014
-63.64	63.64	0.00013	-70.71	70.71	0.00012
63.64	-77.78	0.00015	56.57	-70.71	0.00015
49.50	-63.64	0.00015	42.43	-56.57	0.00015
35.36	-49.50	0.00014	28.28	-42.43	0.00014
21.21	-35.36	0.00014	14.14	-28.28	0.00013
10.61	-24.75	0.00013	7.07	-21.21	0.00013
4.95	-19.09	0.00013	3.54	-17.68	0.00013
2.12	-16.26	0.00013	0.71	-14.85	0.00013
-0.71	-13.44	0.00013	-13.44	-0.71	0.00014
-14.85	0.71	0.00014	-16.26	2.12	0.00014
-17.68	3.54	0.00014	-19.09	4.95	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00014	-24.75	10.61	0.00014
-28.28	14.14	0.00014	-35.36	21.21	0.00014
-42.43	28.28	0.00014	-49.50	35.36	0.00014
-56.57	42.43	0.00014	-63.64	49.50	0.00013
-70.71	56.57	0.00012	-77.78	63.64	0.00012
56.57	-84.85	0.00013	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00013	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00012
3.54	-31.82	0.00012	0.00	-28.28	0.00012
-2.12	-26.16	0.00012	-3.54	-24.75	0.00012
-4.95	-23.33	0.00012	-6.36	-21.92	0.00012
-7.78	-20.51	0.00012	-20.51	-7.78	0.00012

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00012	-23.33	-4.95	0.00013
-24.75	-3.54	0.00013	-26.16	-2.12	0.00013
-28.28	0.00	0.00013	-31.82	3.54	0.00013
-35.36	7.07	0.00013	-42.43	14.14	0.00013
-49.50	21.21	0.00013	-56.57	28.28	0.00013
-63.64	35.36	0.00013	-70.71	42.43	0.00012
-77.78	49.50	0.00011	-84.85	56.57	0.00011
49.50	-91.92	0.00012	42.43	-84.85	0.00012
35.36	-77.78	0.00012	28.28	-70.71	0.00012
21.21	-63.64	0.00012	14.14	-56.57	0.00012
7.07	-49.50	0.00011	0.00	-42.43	0.00011
-3.54	-38.89	0.00011	-7.07	-35.36	0.00011
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00011	-13.44	-28.99	0.00011
-14.85	-27.58	0.00011	-27.58	-14.85	0.00011
-28.99	-13.44	0.00011	-30.41	-12.02	0.00011
-31.82	-10.61	0.00011	-33.23	-9.19	0.00012
-35.36	-7.07	0.00012	-38.89	-3.54	0.00012
-42.43	0.00	0.00012	-49.50	7.07	0.00012
-56.57	14.14	0.00012	-63.64	21.21	0.00012
-70.71	28.28	0.00012	-77.78	35.36	0.00011
-84.85	42.43	0.00011	-91.92	49.50	0.00010
42.43	-98.99	0.00011	35.36	-91.92	0.00011
28.28	-84.85	0.00011	21.21	-77.78	0.00011
14.14	-70.71	0.00011	7.07	-63.64	0.00011
0.00	-56.57	0.00010	-7.07	-49.50	0.00010
-10.61	-45.96	0.00010	-14.14	-42.43	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00010	-34.65	-21.92	0.00010
-36.06	-20.51	0.00010	-37.48	-19.09	0.00010
-38.89	-17.68	0.00011	-40.31	-16.26	0.00011
-42.43	-14.14	0.00011	-45.96	-10.61	0.00011
-49.50	-7.07	0.00011	-56.57	0.00	0.00011

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00011	-70.71	14.14	0.00011
-77.78	21.21	0.00011	-84.85	28.28	0.00011
-91.92	35.36	0.00010	-98.99	42.43	0.00010
35.36	-106.07	0.00010	28.28	-98.99	0.00010
21.21	-91.92	0.00010	14.14	-84.85	0.00010
7.07	-77.78	0.00010	0.00	-70.71	0.00010
-7.07	-63.64	0.00009	-14.14	-56.57	0.00009
-17.68	-53.03	0.00009	-21.21	-49.50	0.00009
-23.33	-47.38	0.00009	-24.75	-45.96	0.00009
-26.16	-44.55	0.00009	-27.58	-43.13	0.00009
-28.99	-41.72	0.00009	-41.72	-28.99	0.00010
-43.13	-27.58	0.00010	-44.55	-26.16	0.00010
-45.96	-24.75	0.00010	-47.38	-23.33	0.00010
-49.50	-21.21	0.00010	-53.03	-17.68	0.00010
-56.57	-14.14	0.00010	-63.64	-7.07	0.00010
-70.71	0.00	0.00010	-77.78	7.07	0.00010
-84.85	14.14	0.00010	-91.92	21.21	0.00010
-98.99	28.28	0.00009	-106.07	35.36	0.00009
28.28	-113.14	0.00010	21.21	-106.07	0.00010
14.14	-98.99	0.00009	7.07	-91.92	0.00009
0.00	-84.85	0.00009	-7.07	-77.78	0.00009
-14.14	-70.71	0.00009	-21.21	-63.64	0.00008
-24.75	-60.10	0.00008	-28.28	-56.57	0.00008
-30.41	-54.45	0.00008	-31.82	-53.03	0.00008
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00009
-50.20	-34.65	0.00009	-51.62	-33.23	0.00009
-53.03	-31.82	0.00009	-54.45	-30.41	0.00009
-56.57	-28.28	0.00009	-60.10	-24.75	0.00009
-63.64	-21.21	0.00009	-70.71	-14.14	0.00009
-77.78	-7.07	0.00009	-84.85	0.00	0.00009
-91.92	7.07	0.00009	-98.99	14.14	0.00009
-106.07	21.21	0.00009	-113.14	28.28	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00009	14.14	-113.14	0.00009

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00009	0.00	-98.99	0.00009
-7.07	-91.92	0.00008	-14.14	-84.85	0.00008
-21.21	-77.78	0.00008	-28.28	-70.71	0.00008
-31.82	-67.18	0.00008	-35.36	-63.64	0.00008
-37.48	-61.52	0.00008	-38.89	-60.10	0.00008
-40.31	-58.69	0.00008	-41.72	-57.28	0.00008
-43.13	-55.86	0.00008	-55.86	-43.13	0.00008
-57.28	-41.72	0.00008	-58.69	-40.31	0.00008
-60.10	-38.89	0.00008	-61.52	-37.48	0.00008
-63.64	-35.36	0.00008	-67.18	-31.82	0.00008
-70.71	-28.28	0.00008	-77.78	-21.21	0.00009
-84.85	-14.14	0.00009	-91.92	-7.07	0.00009
-98.99	0.00	0.00009	-106.07	7.07	0.00009
-113.14	14.14	0.00008	-120.21	21.21	0.00008
14.14	-127.28	0.00008	7.07	-120.21	0.00008
0.00	-113.14	0.00008	-7.07	-106.07	0.00008
-14.14	-98.99	0.00008	-21.21	-91.92	0.00008
-28.28	-84.85	0.00007	-35.36	-77.78	0.00007
-38.89	-74.25	0.00007	-42.43	-70.71	0.00007
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00008
-64.35	-48.79	0.00008	-65.76	-47.38	0.00008
-67.18	-45.96	0.00008	-68.59	-44.55	0.00008
-70.71	-42.43	0.00008	-74.25	-38.89	0.00008
-77.78	-35.36	0.00008	-84.85	-28.28	0.00008
-91.92	-21.21	0.00008	-98.99	-14.14	0.00008
-106.07	-7.07	0.00008	-113.14	0.00	0.00008
-120.21	7.07	0.00008	-127.28	14.14	0.00008
7.07	-134.35	0.00008	0.00	-127.28	0.00008
-7.07	-120.21	0.00007	-14.14	-113.14	0.00007
-21.21	-106.07	0.00007	-28.28	-98.99	0.00007
-35.36	-91.92	0.00007	-42.43	-84.85	0.00007
-45.96	-81.32	0.00007	-49.50	-77.78	0.00007
-51.62	-75.66	0.00007	-53.03	-74.25	0.00007
-54.45	-72.83	0.00007	-55.86	-71.42	0.00007
-57.28	-70.00	0.00007	-70.00	-57.28	0.00007
-71.42	-55.86	0.00007	-72.83	-54.45	0.00007
-74.25	-53.03	0.00007	-75.66	-51.62	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00007	-81.32	-45.96	0.00007
-84.85	-42.43	0.00007	-91.92	-35.36	0.00007
-98.99	-28.28	0.00007	-106.07	-21.21	0.00008
-113.14	-14.14	0.00008	-120.21	-7.07	0.00008
-127.28	0.00	0.00007	-134.35	7.07	0.00007
0.00	-141.42	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00007
-28.28	-113.14	0.00007	-35.36	-106.07	0.00007
-42.43	-98.99	0.00006	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00007
-78.49	-62.93	0.00007	-79.90	-61.52	0.00007
-81.32	-60.10	0.00007	-82.73	-58.69	0.00007
-84.85	-56.57	0.00007	-88.39	-53.03	0.00007
-91.92	-49.50	0.00007	-98.99	-42.43	0.00007
-106.07	-35.36	0.00007	-113.14	-28.28	0.00007
-120.21	-21.21	0.00007	-127.28	-14.14	0.00007
-134.35	-7.07	0.00007	-141.42	0.00	0.00007
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00006	-28.28	-127.28	0.00006
-35.36	-120.21	0.00006	-42.43	-113.14	0.00006
-49.50	-106.07	0.00006	-56.57	-98.99	0.00006
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-84.15	-71.42	0.00006
-85.56	-70.00	0.00006	-86.97	-68.59	0.00006
-88.39	-67.18	0.00006	-89.80	-65.76	0.00006
-91.92	-63.64	0.00006	-95.46	-60.10	0.00006
-98.99	-56.57	0.00006	-106.07	-49.50	0.00006
-113.14	-42.43	0.00007	-120.21	-35.36	0.00007
-127.28	-28.28	0.00007	-134.35	-21.21	0.00007
-141.42	-14.14	0.00007	-148.49	-7.07	0.00006
-14.14	-155.56	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00006	-49.50	-120.21	0.00006
-56.57	-113.14	0.00006	-63.64	-106.07	0.00006



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18 -102.53 0.00006 -70.71 -98.99 0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00006	-74.25	-95.46	0.00006
-75.66	-94.05	0.00006	-77.07	-92.63	0.00006
-78.49	-91.22	0.00006	-91.22	-78.49	0.00006
-92.63	-77.07	0.00006	-94.05	-75.66	0.00006
-95.46	-74.25	0.00006	-96.87	-72.83	0.00006
-98.99	-70.71	0.00006	-102.53	-67.18	0.00006
-106.07	-63.64	0.00006	-113.14	-56.57	0.00006
-120.21	-49.50	0.00006	-127.28	-42.43	0.00006
-134.35	-35.36	0.00006	-141.42	-28.28	0.00006
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00006	-28.28	-155.56	0.00006
-35.36	-148.49	0.00006	-42.43	-141.42	0.00006
-49.50	-134.35	0.00005	-56.57	-127.28	0.00005
-63.64	-120.21	0.00005	-70.71	-113.14	0.00005
-74.25	-109.60	0.00005	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00005
-99.70	-84.15	0.00005	-101.12	-82.73	0.00006
-102.53	-81.32	0.00006	-103.94	-79.90	0.00006
-106.07	-77.78	0.00006	-109.60	-74.25	0.00006
-113.14	-70.71	0.00006	-120.21	-63.64	0.00006
-127.28	-56.57	0.00006	-134.35	-49.50	0.00006
-141.42	-42.43	0.00006	-148.49	-35.36	0.00006
-155.56	-28.28	0.00006	-162.63	-21.21	0.00006
-28.28	-169.71	0.00006	-35.36	-162.63	0.00005
-42.43	-155.56	0.00005	-49.50	-148.49	0.00005
-56.57	-141.42	0.00005	-63.64	-134.35	0.00005
-70.71	-127.28	0.00005	-77.78	-120.21	0.00005
-81.32	-116.67	0.00005	-84.85	-113.14	0.00005
-86.97	-111.02	0.00005	-88.39	-109.60	0.00005
-89.80	-108.19	0.00005	-91.22	-106.77	0.00005
-92.63	-105.36	0.00005	-105.36	-92.63	0.00005

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00005	-108.19	-89.80	0.00005
-109.60	-88.39	0.00005	-111.02	-86.97	0.00005
-113.14	-84.85	0.00005	-116.67	-81.32	0.00005
-120.21	-77.78	0.00005	-127.28	-70.71	0.00005
-134.35	-63.64	0.00005	-141.42	-56.57	0.00005
-148.49	-49.50	0.00005	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00005	-42.43	-169.71	0.00005
-49.50	-162.63	0.00005	-56.57	-155.56	0.00005
-63.64	-148.49	0.00005	-70.71	-141.42	0.00005
-77.78	-134.35	0.00005	-84.85	-127.28	0.00005
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00005
-96.87	-115.26	0.00005	-98.29	-113.84	0.00005
-99.70	-112.43	0.00005	-112.43	-99.70	0.00005
-113.84	-98.29	0.00005	-115.26	-96.87	0.00005
-116.67	-95.46	0.00005	-118.09	-94.05	0.00005
-120.21	-91.92	0.00005	-123.74	-88.39	0.00005
-127.28	-84.85	0.00005	-134.35	-77.78	0.00005
-141.42	-70.71	0.00005	-148.49	-63.64	0.00005
-155.56	-56.57	0.00005	-162.63	-49.50	0.00005
-169.71	-42.43	0.00005	-176.78	-35.36	0.00005
-42.43	-183.85	0.00005	-49.50	-176.78	0.00005
-56.57	-169.71	0.00005	-63.64	-162.63	0.00005
-70.71	-155.56	0.00005	-77.78	-148.49	0.00004
-84.85	-141.42	0.00004	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00005
-120.92	-105.36	0.00005	-122.33	-103.94	0.00005
-123.74	-102.53	0.00005	-125.16	-101.12	0.00005
-127.28	-98.99	0.00005	-130.81	-95.46	0.00005
-134.35	-91.92	0.00005	-141.42	-84.85	0.00005

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-77.78	0.00005	-155.56	-70.71	0.00005
-162.63	-63.64	0.00005	-169.71	-56.57	0.00005
-176.78	-49.50	0.00005	-183.85	-42.43	0.00005
-49.50	-190.92	0.00005	-56.57	-183.85	0.00005
-63.64	-176.78	0.00004	-70.71	-169.71	0.00004
-77.78	-162.63	0.00004	-84.85	-155.56	0.00004
-91.92	-148.49	0.00004	-98.99	-141.42	0.00004
-102.53	-137.89	0.00004	-106.07	-134.35	0.00004
-108.19	-132.23	0.00004	-109.60	-130.81	0.00004
-111.02	-129.40	0.00004	-112.43	-127.99	0.00004
-113.84	-126.57	0.00004	-126.57	-113.84	0.00004
-127.99	-112.43	0.00004	-129.40	-111.02	0.00004
-130.81	-109.60	0.00004	-132.23	-108.19	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00004	-137.89	-102.53	0.00005
-141.42	-98.99	0.00005	-148.49	-91.92	0.00005
-155.56	-84.85	0.00005	-162.63	-77.78	0.00005
-169.71	-70.71	0.00005	-176.78	-63.64	0.00005
-183.85	-56.57	0.00005	-190.92	-49.50	0.00005
-56.57	-197.99	0.00004	-63.64	-190.92	0.00004
-70.71	-183.85	0.00004	-77.78	-176.78	0.00004
-84.85	-169.71	0.00004	-91.92	-162.63	0.00004
-98.99	-155.56	0.00004	-106.07	-148.49	0.00004
-109.60	-144.96	0.00004	-113.14	-141.42	0.00004
-115.26	-139.30	0.00004	-116.67	-137.89	0.00004
-118.09	-136.47	0.00004	-119.50	-135.06	0.00004
-120.92	-133.64	0.00004	-133.64	-120.92	0.00004
-135.06	-119.50	0.00004	-136.47	-118.09	0.00004
-137.89	-116.67	0.00004	-139.30	-115.26	0.00004
-141.42	-113.14	0.00004	-144.96	-109.60	0.00004
-148.49	-106.07	0.00004	-155.56	-98.99	0.00004
-162.63	-91.92	0.00004	-169.71	-84.85	0.00004
-176.78	-77.78	0.00004	-183.85	-70.71	0.00004
-190.92	-63.64	0.00004	-197.99	-56.57	0.00004
-63.64	-205.06	0.00004	-70.71	-197.99	0.00004

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00004	-84.85	-183.85	0.00004
-91.92	-176.78	0.00004	-98.99	-169.71	0.00004
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00004	-140.71	-127.99	0.00004
-142.13	-126.57	0.00004	-143.54	-125.16	0.00004
-144.96	-123.74	0.00004	-146.37	-122.33	0.00004
-148.49	-120.21	0.00004	-152.03	-116.67	0.00004
-155.56	-113.14	0.00004	-162.63	-106.07	0.00004
-169.71	-98.99	0.00004	-176.78	-91.92	0.00004
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00004	-77.78	-205.06	0.00004
-84.85	-197.99	0.00004	-91.92	-190.92	0.00004
-98.99	-183.85	0.00004	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00004	-130.81	-152.03	0.00004
-132.23	-150.61	0.00004	-133.64	-149.20	0.00004
-135.06	-147.79	0.00004	-147.79	-135.06	0.00004
-149.20	-133.64	0.00004	-150.61	-132.23	0.00004
-152.03	-130.81	0.00004	-153.44	-129.40	0.00004
-155.56	-127.28	0.00004	-159.10	-123.74	0.00004
-162.63	-120.21	0.00004	-169.71	-113.14	0.00004
-176.78	-106.07	0.00004	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00003
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00004
-156.27	-140.71	0.00004	-157.68	-139.30	0.00004
-159.10	-137.89	0.00004	-160.51	-136.47	0.00004
-162.63	-134.35	0.00004	-166.17	-130.81	0.00004
-169.71	-127.28	0.00004	-176.78	-120.21	0.00004
-183.85	-113.14	0.00004	-190.92	-106.07	0.00004
-197.99	-98.99	0.00004	-205.06	-91.92	0.00004
-212.13	-84.85	0.00004	-219.20	-77.78	0.00004
-84.85	-226.27	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00003	-106.07	-205.06	0.00003
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00004
-176.78	-134.35	0.00004	-183.85	-127.28	0.00004
-190.92	-120.21	0.00004	-197.99	-113.14	0.00004
-205.06	-106.07	0.00004	-212.13	-98.99	0.00004
-219.20	-91.92	0.00004	-226.27	-84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :      NCRA\_S5 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00003	-180.31	-144.96	0.00003
-183.85	-141.42	0.00003	-190.92	-134.35	0.00003
-197.99	-127.28	0.00003	-205.06	-120.21	0.00003
-212.13	-113.14	0.00003	-219.20	-106.07	0.00003
-226.27	-98.99	0.00004	-233.35	-91.92	0.00004
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00003
-177.48	-161.93	0.00003	-178.90	-160.51	0.00003
-180.31	-159.10	0.00003	-181.73	-157.68	0.00003
-183.85	-155.56	0.00003	-187.38	-152.03	0.00003
-190.92	-148.49	0.00003	-197.99	-141.42	0.00003
-205.06	-134.35	0.00003	-212.13	-127.28	0.00003
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-184.55	-169.00	0.00003	-185.97	-167.58	0.00003
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00318	197.99	127.28	0.00341
190.92	134.35	0.00361	183.85	141.42	0.00371
180.31	144.96	0.00368	176.78	148.49	0.00355
174.66	150.61	0.00339	173.24	152.03	0.00325
171.83	153.44	0.00306	170.41	154.86	0.00282
169.00	156.27	0.00252	156.27	169.00	0.00094
154.86	170.41	0.00093	153.44	171.83	0.00093
152.03	173.24	0.00092	150.61	174.66	0.00092

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00091	144.96	180.31	0.00089
141.42	183.85	0.00086	134.35	190.92	0.00079
127.28	197.99	0.00072	120.21	205.06	0.00066
113.14	212.13	0.00060	106.07	219.20	0.00055
99.00	226.27	0.00051	91.92	233.35	0.00047
226.27	84.85	0.00273	219.20	91.92	0.00297
212.13	98.99	0.00324	205.06	106.07	0.00356
197.99	113.14	0.00393	190.92	120.21	0.00435
183.85	127.28	0.00480	176.78	134.35	0.00525
173.24	137.89	0.00544	169.71	141.42	0.00557
167.58	143.54	0.00560	166.17	144.96	0.00559
164.76	146.37	0.00558	163.34	147.79	0.00557
161.93	149.20	0.00554	149.20	161.93	0.00172
147.79	163.34	0.00165	146.37	164.76	0.00158
144.96	166.17	0.00153	143.54	167.58	0.00148
141.42	169.71	0.00142	137.89	173.24	0.00132
134.35	176.78	0.00123	127.28	183.85	0.00107
120.21	190.92	0.00094	113.14	197.99	0.00083
106.07	205.06	0.00074	99.00	212.13	0.00066
91.92	219.20	0.00060	84.85	226.27	0.00055
219.20	77.78	0.00306	212.13	84.85	0.00335
205.06	91.92	0.00369	197.99	98.99	0.00410
190.92	106.07	0.00457	183.85	113.14	0.00511
176.78	120.21	0.00568	169.71	127.28	0.00621
166.17	130.81	0.00642	162.63	134.35	0.00653
160.51	136.47	0.00652	159.10	137.89	0.00647



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00639	156.27	140.71	0.00630
154.86	142.13	0.00619	142.13	154.86	0.00212
140.71	156.27	0.00206	139.30	157.68	0.00201
137.89	159.10	0.00196	136.47	160.51	0.00192
134.35	162.63	0.00184	130.81	166.17	0.00171
127.28	169.71	0.00158	120.21	176.78	0.00135
113.14	183.85	0.00116	106.07	190.92	0.00100
99.00	197.99	0.00088	91.92	205.06	0.00078
84.85	212.13	0.00069	77.78	219.20	0.00062
212.13	70.71	0.00334	205.06	77.78	0.00368
197.99	84.85	0.00407	190.92	91.92	0.00452
183.85	98.99	0.00504	176.78	106.07	0.00562
169.71	113.14	0.00621	162.63	120.21	0.00673
159.10	123.74	0.00689	155.56	127.28	0.00694

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00689	152.03	130.81	0.00681
150.61	132.23	0.00670	149.20	133.64	0.00657
147.79	135.06	0.00644	135.06	147.79	0.00233
133.64	149.20	0.00227	132.23	150.61	0.00222
130.81	152.03	0.00218	129.40	153.44	0.00215
127.28	155.56	0.00209	123.74	159.10	0.00197
120.21	162.63	0.00184	113.14	169.71	0.00159
106.07	176.78	0.00136	98.99	183.85	0.00116
91.92	190.92	0.00101	84.85	197.99	0.00089
77.78	205.06	0.00079	70.71	212.13	0.00070
205.06	63.64	0.00358	197.99	70.71	0.00394
190.92	77.78	0.00435	183.85	84.85	0.00483
176.78	91.92	0.00537	169.71	98.99	0.00595
162.63	106.07	0.00655	155.56	113.14	0.00704
152.03	116.67	0.00716	148.49	120.21	0.00716
146.37	122.33	0.00709	144.96	123.74	0.00701
143.54	125.16	0.00689	142.13	126.57	0.00675
140.71	127.99	0.00661	127.99	140.71	0.00250
126.57	142.13	0.00244	125.16	143.54	0.00239
123.74	144.96	0.00234	122.33	146.37	0.00230

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00224	116.67	152.03	0.00213
113.14	155.56	0.00201	106.07	162.63	0.00176
98.99	169.71	0.00152	91.92	176.78	0.00131
84.85	183.85	0.00114	77.78	190.92	0.00099
70.71	197.99	0.00087	63.64	205.06	0.00078
197.99	56.57	0.00377	190.92	63.64	0.00414
183.85	70.71	0.00457	176.78	77.78	0.00505
169.71	84.85	0.00560	162.63	91.92	0.00619
155.56	98.99	0.00677	148.49	106.07	0.00722
144.96	109.60	0.00733	141.42	113.14	0.00732
139.30	115.26	0.00723	137.89	116.67	0.00715
136.47	118.09	0.00703	135.06	119.50	0.00689
133.64	120.92	0.00674	120.92	133.64	0.00263
119.50	135.06	0.00257	118.09	136.47	0.00252
116.67	137.89	0.00247	115.26	139.30	0.00243
113.14	141.42	0.00236	109.60	144.96	0.00225
106.07	148.49	0.00213	98.99	155.56	0.00188
91.92	162.63	0.00164	84.85	169.71	0.00143
77.78	176.78	0.00124	70.71	183.85	0.00109
63.64	190.92	0.00096	56.57	197.99	0.00085

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00392	183.85	56.57	0.00430
176.78	63.64	0.00473	169.71	70.71	0.00523
162.63	77.78	0.00578	155.56	84.85	0.00636
148.49	91.92	0.00692	141.42	98.99	0.00734
137.89	102.53	0.00745	134.35	106.07	0.00744
132.23	108.19	0.00735	130.81	109.60	0.00726
129.40	111.02	0.00714	127.99	112.43	0.00699
126.57	113.84	0.00683	113.84	126.57	0.00274
112.43	127.99	0.00268	111.02	129.40	0.00263
109.60	130.81	0.00258	108.19	132.23	0.00254
106.07	134.35	0.00247	102.53	137.89	0.00235
98.99	141.42	0.00222	91.92	148.49	0.00198
84.85	155.56	0.00174	77.78	162.63	0.00152
70.71	169.71	0.00133	63.64	176.78	0.00117

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00103	49.50	190.92	0.00092
183.85	42.43	0.00404	176.78	49.50	0.00442
169.71	56.57	0.00486	162.63	63.64	0.00536
155.56	70.71	0.00591	148.49	77.78	0.00648
141.42	84.85	0.00702	134.35	91.92	0.00744
130.81	95.46	0.00754	127.28	98.99	0.00753
125.16	101.12	0.00744	123.74	102.53	0.00735
122.33	103.94	0.00722	120.92	105.36	0.00707
119.50	106.77	0.00691	106.77	119.50	0.00283
105.36	120.92	0.00277	103.94	122.33	0.00272
102.53	123.74	0.00267	101.12	125.16	0.00263
98.99	127.28	0.00256	95.46	130.81	0.00243
91.92	134.35	0.00230	84.85	141.42	0.00205
77.78	148.49	0.00181	70.71	155.56	0.00159
63.64	162.63	0.00140	56.57	169.71	0.00124
49.50	176.78	0.00109	42.43	183.85	0.00098
176.78	35.36	0.00414	169.71	42.43	0.00453
162.63	49.50	0.00497	155.56	56.57	0.00546
148.49	63.64	0.00600	141.42	70.71	0.00656
134.35	77.78	0.00710	127.28	84.85	0.00752
123.74	88.39	0.00762	120.21	91.92	0.00760
118.09	94.05	0.00752	116.67	95.46	0.00742
115.26	96.87	0.00729	113.84	98.29	0.00714
112.43	99.70	0.00698	99.70	112.43	0.00291
98.29	113.84	0.00284	96.87	115.26	0.00279
95.46	116.67	0.00275	94.05	118.09	0.00270

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00263	88.39	123.74	0.00251
84.85	127.28	0.00237	77.78	134.35	0.00211
70.71	141.42	0.00186	63.64	148.49	0.00165
56.57	155.56	0.00146	49.50	162.63	0.00129
42.43	169.71	0.00115	35.36	176.78	0.00102
169.71	28.28	0.00422	162.63	35.36	0.00461
155.56	42.43	0.00505	148.49	49.50	0.00554
141.42	56.57	0.00607	134.35	63.64	0.00662

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00716	120.21	77.78	0.00758
116.67	81.32	0.00769	113.14	84.85	0.00767
111.02	86.97	0.00758	109.60	88.39	0.00749
108.19	89.80	0.00736	106.77	91.22	0.00721
105.36	92.63	0.00703	92.63	105.36	0.00297
91.22	106.77	0.00290	89.80	108.19	0.00285
88.39	109.60	0.00281	86.97	111.02	0.00276
84.85	113.14	0.00269	81.32	116.67	0.00257
77.78	120.21	0.00243	70.71	127.28	0.00216
63.64	134.35	0.00191	56.57	141.42	0.00169
49.50	148.49	0.00150	42.43	155.56	0.00133
35.36	162.63	0.00119	28.28	169.71	0.00107
162.63	21.21	0.00429	155.56	28.28	0.00468
148.49	35.36	0.00512	141.42	42.43	0.00560
134.35	49.50	0.00612	127.28	56.57	0.00668
120.21	63.64	0.00721	113.14	70.71	0.00763
109.60	74.25	0.00774	106.07	77.78	0.00771
103.94	79.90	0.00762	102.53	81.32	0.00752
101.12	82.73	0.00740	99.70	84.15	0.00728
98.29	85.56	0.00712	85.56	98.29	0.00302
84.15	99.70	0.00295	82.73	101.12	0.00290
81.32	102.53	0.00286	79.90	103.94	0.00281
77.78	106.07	0.00274	74.25	109.60	0.00262
70.71	113.14	0.00248	63.64	120.21	0.00221
56.57	127.28	0.00195	49.50	134.35	0.00173
42.43	141.42	0.00154	35.36	148.49	0.00137
28.28	155.56	0.00123	21.21	162.63	0.00110
155.56	14.14	0.00435	148.49	21.21	0.00473
141.42	28.28	0.00516	134.35	35.36	0.00564
127.28	42.43	0.00617	120.21	49.50	0.00672
113.14	56.57	0.00726	106.07	63.64	0.00767
102.53	67.18	0.00777	98.99	70.71	0.00776

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00766	95.46	74.25	0.00756
94.05	75.66	0.00743	92.63	77.07	0.00730

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00715	78.49	91.22	0.00305
77.07	92.63	0.00299	75.66	94.05	0.00294
74.25	95.46	0.00290	72.83	96.87	0.00286
70.71	98.99	0.00279	67.18	102.53	0.00266
63.64	106.07	0.00252	56.57	113.14	0.00225
49.50	120.21	0.00199	42.43	127.28	0.00176
35.36	134.35	0.00157	28.28	141.42	0.00140
21.21	148.49	0.00126	14.14	155.56	0.00113
148.49	7.07	0.00439	141.42	14.14	0.00477
134.35	21.21	0.00520	127.28	28.28	0.00568
120.21	35.36	0.00621	113.14	42.43	0.00676
106.07	49.50	0.00730	98.99	56.57	0.00771
95.46	60.10	0.00780	91.92	63.64	0.00779
89.80	65.76	0.00770	88.39	67.18	0.00760
86.97	68.59	0.00747	85.56	70.00	0.00732
84.15	71.42	0.00717	71.42	84.15	0.00308
70.00	85.56	0.00302	68.59	86.97	0.00298
67.18	88.39	0.00293	65.76	89.80	0.00289
63.64	91.92	0.00282	60.10	95.46	0.00270
56.57	98.99	0.00256	49.50	106.07	0.00228
42.43	113.14	0.00202	35.36	120.21	0.00179
28.28	127.28	0.00160	21.21	134.35	0.00143
14.14	141.42	0.00128	7.07	148.49	0.00116
141.42	0.00	0.00442	134.35	7.07	0.00481
127.28	14.14	0.00523	120.21	21.21	0.00571
113.14	28.28	0.00624	106.07	35.36	0.00679
98.99	42.43	0.00733	91.92	49.50	0.00774
88.39	53.03	0.00784	84.85	56.57	0.00781
82.73	58.69	0.00772	81.32	60.10	0.00763
79.90	61.52	0.00750	78.49	62.93	0.00735
77.07	64.35	0.00719	64.35	77.07	0.00311
62.93	78.49	0.00305	61.52	79.90	0.00301
60.10	81.32	0.00296	58.69	82.73	0.00292
56.57	84.85	0.00285	53.03	88.39	0.00273
49.50	91.92	0.00259	42.43	98.99	0.00232
35.36	106.07	0.00205	28.28	113.14	0.00182
21.21	120.21	0.00162	14.14	127.28	0.00145
7.07	134.35	0.00130	0.00	141.42	0.00118

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00445	127.28	0.00	0.00483
120.21	7.07	0.00526	113.14	14.14	0.00574
106.07	21.21	0.00627	98.99	28.28	0.00682
91.92	35.36	0.00736	84.85	42.43	0.00777
81.32	45.96	0.00786	77.78	49.50	0.00784
75.66	51.62	0.00774	74.25	53.03	0.00765
72.83	54.45	0.00752	71.42	55.86	0.00737
70.00	57.28	0.00721	57.28	70.00	0.00314
55.86	71.42	0.00308	54.45	72.83	0.00303
53.03	74.25	0.00299	51.62	75.66	0.00295
49.50	77.78	0.00288	45.96	81.32	0.00276
42.43	84.85	0.00262	35.36	91.92	0.00234
28.28	98.99	0.00208	21.21	106.07	0.00184
14.14	113.14	0.00164	7.07	120.21	0.00147
0.00	127.28	0.00132	-7.07	134.35	0.00120
127.28	-14.14	0.00448	120.21	-7.07	0.00486
113.14	0.00	0.00528	106.07	7.07	0.00576
98.99	14.14	0.00629	91.92	21.21	0.00685
84.85	28.28	0.00738	77.78	35.36	0.00779
74.25	38.89	0.00789	70.71	42.43	0.00786
68.59	44.55	0.00777	67.18	45.96	0.00767
65.76	47.38	0.00754	64.35	48.79	0.00739
62.93	50.20	0.00722	50.20	62.93	0.00316
48.79	64.35	0.00310	47.38	65.76	0.00306
45.96	67.18	0.00301	44.55	68.59	0.00297
42.43	70.71	0.00290	38.89	74.25	0.00278
35.36	77.78	0.00264	28.28	84.85	0.00237
21.21	91.92	0.00210	14.14	98.99	0.00187
7.07	106.07	0.00166	0.00	113.14	0.00149
-7.07	120.21	0.00134	-14.14	127.28	0.00121
120.21	-21.21	0.00450	113.14	-14.14	0.00487
106.07	-7.07	0.00530	98.99	0.00	0.00578
91.92	7.07	0.00631	84.85	14.14	0.00686
77.78	21.21	0.00740	70.71	28.28	0.00781
67.18	31.82	0.00790	63.64	35.36	0.00788
61.52	37.48	0.00779	60.10	38.89	0.00769
58.69	40.31	0.00756	57.28	41.72	0.00740
55.86	43.13	0.00724	43.13	55.86	0.00319
41.72	57.28	0.00312	40.31	58.69	0.00308
38.89	60.10	0.00304	37.48	61.52	0.00299

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00292	31.82	67.18	0.00280
28.28	70.71	0.00266	21.21	77.78	0.00239
14.14	84.85	0.00212	7.07	91.92	0.00189
0.00	98.99	0.00168	-7.07	106.07	0.00150
-14.14	113.14	0.00136	-21.21	120.21	0.00123
113.14	-28.28	0.00451	106.07	-21.21	0.00489
98.99	-14.14	0.00532	91.92	-7.07	0.00580
84.85	0.00	0.00633	77.78	7.07	0.00688
70.71	14.14	0.00742	63.64	21.21	0.00783
60.10	24.75	0.00792	56.57	28.28	0.00790
54.45	30.41	0.00780	53.03	31.82	0.00770
51.62	33.23	0.00758	50.20	34.65	0.00742
48.79	36.06	0.00725	36.06	48.79	0.00321
34.65	50.20	0.00314	33.23	51.62	0.00309
31.82	53.03	0.00305	30.41	54.45	0.00301
28.28	56.57	0.00294	24.75	60.10	0.00282
21.21	63.64	0.00268	14.14	70.71	0.00240
7.07	77.78	0.00214	0.00	84.85	0.00190
-7.07	91.92	0.00170	-14.14	98.99	0.00152
-21.21	106.07	0.00137	-28.28	113.14	0.00124
106.07	-35.36	0.00453	98.99	-28.28	0.00491
91.92	-21.21	0.00534	84.85	-14.14	0.00582
77.78	-7.07	0.00634	70.71	0.00	0.00690
63.64	7.07	0.00743	56.57	14.14	0.00784
53.03	17.68	0.00794	49.50	21.21	0.00791
47.38	23.33	0.00783	45.96	24.75	0.00773
44.55	26.16	0.00760	43.13	27.58	0.00745
41.72	28.99	0.00727	28.99	41.72	0.00322
27.58	43.13	0.00316	26.16	44.55	0.00311
24.75	45.96	0.00307	23.33	47.38	0.00302
21.21	49.50	0.00296	17.68	53.03	0.00283
14.14	56.57	0.00270	7.07	63.64	0.00242
0.00	70.71	0.00216	-7.07	77.78	0.00192
-14.14	84.85	0.00171	-21.21	91.92	0.00153

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00138	-35.36	106.07	0.00125
98.99	-42.43	0.00454	91.92	-35.36	0.00492
84.85	-28.28	0.00535	77.78	-21.21	0.00583
70.71	-14.14	0.00636	63.64	-7.07	0.00691
56.57	0.00	0.00744	49.50	7.07	0.00785
45.96	10.61	0.00795	42.43	14.14	0.00792

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00783	38.89	17.68	0.00772
37.48	19.09	0.00760	36.06	20.51	0.00748
34.65	21.92	0.00733	21.92	34.65	0.00324
20.51	36.06	0.00317	19.09	37.48	0.00312
17.68	38.89	0.00308	16.26	40.31	0.00304
14.14	42.43	0.00297	10.61	45.96	0.00285
7.07	49.50	0.00271	0.00	56.57	0.00243
-7.07	63.64	0.00217	-14.14	70.71	0.00193
-21.21	77.78	0.00172	-28.28	84.85	0.00155
-35.36	91.92	0.00139	-42.43	98.99	0.00126
91.92	-49.50	0.00455	84.85	-42.43	0.00493
77.78	-35.36	0.00536	70.71	-28.28	0.00584
63.64	-21.21	0.00637	56.57	-14.14	0.00692
49.50	-7.07	0.00745	42.43	0.00	0.00786
38.89	3.54	0.00795	35.36	7.07	0.00794
33.23	9.19	0.00784	31.82	10.61	0.00774
30.41	12.02	0.00761	28.99	13.44	0.00747
27.58	14.85	0.00732	14.85	27.58	0.00324
13.44	28.99	0.00318	12.02	30.41	0.00314
10.61	31.82	0.00309	9.19	33.23	0.00305
7.07	35.36	0.00298	3.54	38.89	0.00286
0.00	42.43	0.00272	-7.07	49.50	0.00245
-14.14	56.57	0.00218	-21.21	63.64	0.00194
-28.28	70.71	0.00174	-35.36	77.78	0.00156
-42.43	84.85	0.00140	-49.50	91.92	0.00127
84.85	-56.57	0.00455	77.78	-49.50	0.00494
70.71	-42.43	0.00537	63.64	-35.36	0.00585
56.57	-28.28	0.00638	49.50	-21.21	0.00693



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00746	35.36	-7.07	0.00787
31.82	-3.54	0.00796	28.28	0.00	0.00794
26.16	2.12	0.00785	24.75	3.54	0.00775
23.33	4.95	0.00762	21.92	6.36	0.00747
20.51	7.78	0.00732	7.78	20.51	0.00325
6.36	21.92	0.00319	4.95	23.33	0.00314
3.54	24.75	0.00310	2.12	26.16	0.00306
0.00	28.28	0.00299	-3.54	31.82	0.00287
-7.07	35.36	0.00273	-14.14	42.43	0.00246
-21.21	49.50	0.00219	-28.28	56.57	0.00195
-35.36	63.64	0.00175	-42.43	70.71	0.00157
-49.50	77.78	0.00141	-56.57	84.85	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00456	70.71	-56.57	0.00494
63.64	-49.50	0.00537	56.57	-42.43	0.00586
49.50	-35.36	0.00638	42.43	-28.28	0.00694
35.36	-21.21	0.00747	28.28	-14.14	0.00788
24.75	-10.61	0.00797	21.21	-7.07	0.00794
19.09	-4.95	0.00785	17.68	-3.54	0.00776
16.26	-2.12	0.00763	14.85	-0.71	0.00748
13.44	0.71	0.00733	0.71	13.44	0.00326
-0.71	14.85	0.00320	-2.12	16.26	0.00315
-3.54	17.68	0.00311	-4.95	19.09	0.00307
-7.07	21.21	0.00300	-10.61	24.75	0.00288
-14.14	28.28	0.00274	-21.21	35.36	0.00247
-28.28	42.43	0.00220	-35.36	49.50	0.00196
-42.43	56.57	0.00176	-49.50	63.64	0.00158
-56.57	70.71	0.00142	-63.64	77.78	0.00129
70.71	-70.71	0.00456	63.64	-63.64	0.00495
56.57	-56.57	0.00538	49.50	-49.50	0.00586
42.43	-42.43	0.00639	35.36	-35.36	0.00694
28.28	-28.28	0.00748	21.21	-21.21	0.00788
17.68	-17.68	0.00798	14.14	-14.14	0.00795
12.02	-12.02	0.00785	10.61	-10.61	0.00776
9.19	-9.19	0.00763	7.78	-7.78	0.00748

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00733	-6.36	6.36	0.00326
-7.78	7.78	0.00321	-9.19	9.19	0.00316
-10.61	10.61	0.00312	-12.02	12.02	0.00307
-14.14	14.14	0.00301	-17.68	17.68	0.00289
-21.21	21.21	0.00275	-28.28	28.28	0.00247
-35.36	35.36	0.00221	-42.43	42.43	0.00197
-49.50	49.50	0.00176	-56.57	56.57	0.00158
-63.64	63.64	0.00143	-70.71	70.71	0.00130
63.64	-77.78	0.00457	56.57	-70.71	0.00495
49.50	-63.64	0.00538	42.43	-56.57	0.00586
35.36	-49.50	0.00639	28.28	-42.43	0.00695
21.21	-35.36	0.00748	14.14	-28.28	0.00789
10.61	-24.75	0.00798	7.07	-21.21	0.00796
4.95	-19.09	0.00786	3.54	-17.68	0.00776
2.12	-16.26	0.00764	0.71	-14.85	0.00749
-0.71	-13.44	0.00732	-13.44	-0.71	0.00327
-14.85	0.71	0.00321	-16.26	2.12	0.00317
-17.68	3.54	0.00312	-19.09	4.95	0.00308

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00301	-24.75	10.61	0.00289
-28.28	14.14	0.00276	-35.36	21.21	0.00248
-42.43	28.28	0.00222	-49.50	35.36	0.00198
-56.57	42.43	0.00177	-63.64	49.50	0.00159
-70.71	56.57	0.00144	-77.78	63.64	0.00130
56.57	-84.85	0.00456	49.50	-77.78	0.00495
42.43	-70.71	0.00538	35.36	-63.64	0.00587
28.28	-56.57	0.00640	21.21	-49.50	0.00695
14.14	-42.43	0.00749	7.07	-35.36	0.00789
3.54	-31.82	0.00799	0.00	-28.28	0.00796
-2.12	-26.16	0.00787	-3.54	-24.75	0.00777
-4.95	-23.33	0.00764	-6.36	-21.92	0.00749
-7.78	-20.51	0.00732	-20.51	-7.78	0.00328
-21.92	-6.36	0.00322	-23.33	-4.95	0.00317
-24.75	-3.54	0.00313	-26.16	-2.12	0.00309
-28.28	0.00	0.00302	-31.82	3.54	0.00290

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00276	-42.43	14.14	0.00249
-49.50	21.21	0.00222	-56.57	28.28	0.00198
-63.64	35.36	0.00178	-70.71	42.43	0.00160
-77.78	49.50	0.00144	-84.85	56.57	0.00131
49.50	-91.92	0.00456	42.43	-84.85	0.00495
35.36	-77.78	0.00538	28.28	-70.71	0.00587
21.21	-63.64	0.00640	14.14	-56.57	0.00695
7.07	-49.50	0.00749	0.00	-42.43	0.00789
-3.54	-38.89	0.00799	-7.07	-35.36	0.00797
-9.19	-33.23	0.00787	-10.61	-31.82	0.00777
-12.02	-30.41	0.00765	-13.44	-28.99	0.00749
-14.85	-27.58	0.00733	-27.58	-14.85	0.00328
-28.99	-13.44	0.00322	-30.41	-12.02	0.00317
-31.82	-10.61	0.00313	-33.23	-9.19	0.00309
-35.36	-7.07	0.00302	-38.89	-3.54	0.00290
-42.43	0.00	0.00277	-49.50	7.07	0.00249
-56.57	14.14	0.00223	-63.64	21.21	0.00199
-70.71	28.28	0.00178	-77.78	35.36	0.00160
-84.85	42.43	0.00145	-91.92	49.50	0.00131
42.43	-98.99	0.00456	35.36	-91.92	0.00494
28.28	-84.85	0.00538	21.21	-77.78	0.00586
14.14	-70.71	0.00639	7.07	-63.64	0.00695
0.00	-56.57	0.00749	-7.07	-49.50	0.00789
-10.61	-45.96	0.00799	-14.14	-42.43	0.00797

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00788	-17.68	-38.89	0.00779
-19.09	-37.48	0.00766	-20.51	-36.06	0.00751
-21.92	-34.65	0.00733	-34.65	-21.92	0.00329
-36.06	-20.51	0.00323	-37.48	-19.09	0.00318
-38.89	-17.68	0.00313	-40.31	-16.26	0.00309
-42.43	-14.14	0.00303	-45.96	-10.61	0.00290
-49.50	-7.07	0.00277	-56.57	0.00	0.00249
-63.64	7.07	0.00223	-70.71	14.14	0.00199
-77.78	21.21	0.00178	-84.85	28.28	0.00161
-91.92	35.36	0.00145	-98.99	42.43	0.00132

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00455	28.28	-98.99	0.00494
21.21	-91.92	0.00537	14.14	-84.85	0.00586
7.07	-77.78	0.00639	0.00	-70.71	0.00695
-7.07	-63.64	0.00748	-14.14	-56.57	0.00789
-17.68	-53.03	0.00799	-21.21	-49.50	0.00797
-23.33	-47.38	0.00787	-24.75	-45.96	0.00777
-26.16	-44.55	0.00765	-27.58	-43.13	0.00753
-28.99	-41.72	0.00737	-41.72	-28.99	0.00329
-43.13	-27.58	0.00323	-44.55	-26.16	0.00318
-45.96	-24.75	0.00314	-47.38	-23.33	0.00309
-49.50	-21.21	0.00303	-53.03	-17.68	0.00291
-56.57	-14.14	0.00277	-63.64	-7.07	0.00249
-70.71	0.00	0.00223	-77.78	7.07	0.00199
-84.85	14.14	0.00179	-91.92	21.21	0.00161
-98.99	28.28	0.00145	-106.07	35.36	0.00132
28.28	-113.14	0.00454	21.21	-106.07	0.00493
14.14	-98.99	0.00537	7.07	-91.92	0.00585
0.00	-84.85	0.00639	-7.07	-77.78	0.00695
-14.14	-70.71	0.00748	-21.21	-63.64	0.00789
-24.75	-60.10	0.00799	-28.28	-56.57	0.00797
-30.41	-54.45	0.00787	-31.82	-53.03	0.00777
-33.23	-51.62	0.00764	-34.65	-50.20	0.00751
-36.06	-48.79	0.00736	-48.79	-36.06	0.00328
-50.20	-34.65	0.00323	-51.62	-33.23	0.00318
-53.03	-31.82	0.00314	-54.45	-30.41	0.00310
-56.57	-28.28	0.00303	-60.10	-24.75	0.00291
-63.64	-21.21	0.00277	-70.71	-14.14	0.00250
-77.78	-7.07	0.00223	-84.85	0.00	0.00200
-91.92	7.07	0.00179	-98.99	14.14	0.00161
-106.07	21.21	0.00146	-113.14	28.28	0.00132

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00452	14.14	-113.14	0.00491
7.07	-106.07	0.00535	0.00	-98.99	0.00584
-7.07	-91.92	0.00638	-14.14	-84.85	0.00694
-21.21	-77.78	0.00748	-28.28	-70.71	0.00789

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00798	-35.36	-63.64	0.00796
-37.48	-61.52	0.00788	-38.89	-60.10	0.00778
-40.31	-58.69	0.00764	-41.72	-57.28	0.00749
-43.13	-55.86	0.00735	-55.86	-43.13	0.00328
-57.28	-41.72	0.00322	-58.69	-40.31	0.00318
-60.10	-38.89	0.00314	-61.52	-37.48	0.00310
-63.64	-35.36	0.00303	-67.18	-31.82	0.00290
-70.71	-28.28	0.00277	-77.78	-21.21	0.00250
-84.85	-14.14	0.00223	-91.92	-7.07	0.00200
-98.99	0.00	0.00179	-106.07	7.07	0.00161
-113.14	14.14	0.00146	-120.21	21.21	0.00133
14.14	-127.28	0.00451	7.07	-120.21	0.00490
0.00	-113.14	0.00534	-7.07	-106.07	0.00583
-14.14	-98.99	0.00637	-21.21	-91.92	0.00693
-28.28	-84.85	0.00747	-35.36	-77.78	0.00788
-38.89	-74.25	0.00798	-42.43	-70.71	0.00795
-44.55	-68.59	0.00786	-45.96	-67.18	0.00777
-47.38	-65.76	0.00765	-48.79	-64.35	0.00749
-50.20	-62.93	0.00734	-62.93	-50.20	0.00328
-64.35	-48.79	0.00322	-65.76	-47.38	0.00317
-67.18	-45.96	0.00313	-68.59	-44.55	0.00309
-70.71	-42.43	0.00303	-74.25	-38.89	0.00290
-77.78	-35.36	0.00277	-84.85	-28.28	0.00249
-91.92	-21.21	0.00223	-98.99	-14.14	0.00200
-106.07	-7.07	0.00179	-113.14	0.00	0.00161
-120.21	7.07	0.00146	-127.28	14.14	0.00133
7.07	-134.35	0.00448	0.00	-127.28	0.00488
-7.07	-120.21	0.00532	-14.14	-113.14	0.00581
-21.21	-106.07	0.00635	-28.28	-98.99	0.00692
-35.36	-91.92	0.00746	-42.43	-84.85	0.00787
-45.96	-81.32	0.00797	-49.50	-77.78	0.00795
-51.62	-75.66	0.00785	-53.03	-74.25	0.00776
-54.45	-72.83	0.00763	-55.86	-71.42	0.00749
-57.28	-70.00	0.00733	-70.00	-57.28	0.00327
-71.42	-55.86	0.00322	-72.83	-54.45	0.00317
-74.25	-53.03	0.00313	-75.66	-51.62	0.00309

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00302	-81.32	-45.96	0.00290
-84.85	-42.43	0.00277	-91.92	-35.36	0.00249
-98.99	-28.28	0.00223	-106.07	-21.21	0.00199
-113.14	-14.14	0.00179	-120.21	-7.07	0.00161
-127.28	0.00	0.00146	-134.35	7.07	0.00133
0.00	-141.42	0.00445	-7.07	-134.35	0.00485
-14.14	-127.28	0.00529	-21.21	-120.21	0.00579
-28.28	-113.14	0.00633	-35.36	-106.07	0.00690
-42.43	-98.99	0.00745	-49.50	-91.92	0.00786
-53.03	-88.39	0.00796	-56.57	-84.85	0.00794
-58.69	-82.73	0.00785	-60.10	-81.32	0.00775
-61.52	-79.90	0.00762	-62.93	-78.49	0.00748
-64.35	-77.07	0.00731	-77.07	-64.35	0.00327
-78.49	-62.93	0.00321	-79.90	-61.52	0.00317
-81.32	-60.10	0.00312	-82.73	-58.69	0.00308
-84.85	-56.57	0.00302	-88.39	-53.03	0.00289
-91.92	-49.50	0.00276	-98.99	-42.43	0.00249
-106.07	-35.36	0.00222	-113.14	-28.28	0.00199
-120.21	-21.21	0.00179	-127.28	-14.14	0.00161
-134.35	-7.07	0.00146	-141.42	0.00	0.00133
-7.07	-148.49	0.00441	-14.14	-141.42	0.00481
-21.21	-134.35	0.00526	-28.28	-127.28	0.00576
-35.36	-120.21	0.00630	-42.43	-113.14	0.00688
-49.50	-106.07	0.00743	-56.57	-98.99	0.00785
-60.10	-95.46	0.00795	-63.64	-91.92	0.00793
-65.76	-89.80	0.00784	-67.18	-88.39	0.00774
-68.59	-86.97	0.00762	-70.00	-85.56	0.00746
-71.42	-84.15	0.00730	-84.15	-71.42	0.00326
-85.56	-70.00	0.00320	-86.97	-68.59	0.00316
-88.39	-67.18	0.00312	-89.80	-65.76	0.00308
-91.92	-63.64	0.00301	-95.46	-60.10	0.00289
-98.99	-56.57	0.00275	-106.07	-49.50	0.00248
-113.14	-42.43	0.00222	-120.21	-35.36	0.00199
-127.28	-28.28	0.00178	-134.35	-21.21	0.00161
-141.42	-14.14	0.00145	-148.49	-7.07	0.00132
-14.14	-155.56	0.00436	-21.21	-148.49	0.00477
-28.28	-141.42	0.00522	-35.36	-134.35	0.00572
-42.43	-127.28	0.00627	-49.50	-120.21	0.00685
-56.57	-113.14	0.00740	-63.64	-106.07	0.00783
-67.18	-102.53	0.00794	-70.71	-98.99	0.00792

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00783	-74.25	-95.46	0.00773
-75.66	-94.05	0.00760	-77.07	-92.63	0.00745
-78.49	-91.22	0.00729	-91.22	-78.49	0.00326
-92.63	-77.07	0.00319	-94.05	-75.66	0.00315
-95.46	-74.25	0.00311	-96.87	-72.83	0.00306
-98.99	-70.71	0.00300	-102.53	-67.18	0.00288
-106.07	-63.64	0.00274	-113.14	-56.57	0.00247
-120.21	-49.50	0.00221	-127.28	-42.43	0.00198
-134.35	-35.36	0.00178	-141.42	-28.28	0.00160
-148.49	-21.21	0.00145	-155.56	-14.14	0.00132
-21.21	-162.63	0.00430	-28.28	-155.56	0.00471
-35.36	-148.49	0.00516	-42.43	-141.42	0.00567
-49.50	-134.35	0.00622	-56.57	-127.28	0.00681
-63.64	-120.21	0.00737	-70.71	-113.14	0.00780
-74.25	-109.60	0.00791	-77.78	-106.07	0.00790
-79.90	-103.94	0.00782	-81.32	-102.53	0.00772
-82.73	-101.12	0.00760	-84.15	-99.70	0.00745
-85.56	-98.29	0.00727	-98.29	-85.56	0.00324
-99.70	-84.15	0.00318	-101.12	-82.73	0.00313
-102.53	-81.32	0.00309	-103.94	-79.90	0.00305
-106.07	-77.78	0.00299	-109.60	-74.25	0.00286
-113.14	-70.71	0.00273	-120.21	-63.64	0.00246
-127.28	-56.57	0.00220	-134.35	-49.50	0.00197
-141.42	-42.43	0.00177	-148.49	-35.36	0.00160
-155.56	-28.28	0.00144	-162.63	-21.21	0.00131
-28.28	-169.71	0.00422	-35.36	-162.63	0.00463
-42.43	-155.56	0.00509	-49.50	-148.49	0.00560
-56.57	-141.42	0.00616	-63.64	-134.35	0.00675
-70.71	-127.28	0.00732	-77.78	-120.21	0.00776
-81.32	-116.67	0.00788	-84.85	-113.14	0.00787
-86.97	-111.02	0.00778	-88.39	-109.60	0.00768
-89.80	-108.19	0.00756	-91.22	-106.77	0.00744
-92.63	-105.36	0.00729	-105.36	-92.63	0.00323
-106.77	-91.22	0.00317	-108.19	-89.80	0.00312
-109.60	-88.39	0.00307	-111.02	-86.97	0.00303
-113.14	-84.85	0.00297	-116.67	-81.32	0.00285

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00271	-127.28	-70.71	0.00245
-134.35	-63.64	0.00219	-141.42	-56.57	0.00196
-148.49	-49.50	0.00176	-155.56	-42.43	0.00159
-162.63	-35.36	0.00143	-169.71	-28.28	0.00130

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00412	-42.43	-169.71	0.00453
-49.50	-162.63	0.00499	-56.57	-155.56	0.00551
-63.64	-148.49	0.00608	-70.71	-141.42	0.00668
-77.78	-134.35	0.00726	-84.85	-127.28	0.00771
-88.39	-123.74	0.00783	-91.92	-120.21	0.00783
-94.05	-118.09	0.00775	-95.46	-116.67	0.00765
-96.87	-115.26	0.00753	-98.29	-113.84	0.00739
-99.70	-112.43	0.00725	-112.43	-99.70	0.00319
-113.84	-98.29	0.00314	-115.26	-96.87	0.00309
-116.67	-95.46	0.00305	-118.09	-94.05	0.00301
-120.21	-91.92	0.00295	-123.74	-88.39	0.00283
-127.28	-84.85	0.00269	-134.35	-77.78	0.00243
-141.42	-70.71	0.00218	-148.49	-63.64	0.00195
-155.56	-56.57	0.00175	-162.63	-49.50	0.00157
-169.71	-42.43	0.00142	-176.78	-35.36	0.00129
-42.43	-183.85	0.00399	-49.50	-176.78	0.00440
-56.57	-169.71	0.00486	-63.64	-162.63	0.00539
-70.71	-155.56	0.00597	-77.78	-148.49	0.00658
-84.85	-141.42	0.00718	-91.92	-134.35	0.00765
-95.46	-130.81	0.00777	-98.99	-127.28	0.00778
-101.12	-125.16	0.00771	-102.53	-123.74	0.00762
-103.94	-122.33	0.00749	-105.36	-120.92	0.00734
-106.77	-119.50	0.00720	-119.50	-106.77	0.00316
-120.92	-105.36	0.00311	-122.33	-103.94	0.00306
-123.74	-102.53	0.00302	-125.16	-101.12	0.00298
-127.28	-98.99	0.00292	-130.81	-95.46	0.00280
-134.35	-91.92	0.00267	-141.42	-84.85	0.00241
-148.49	-77.78	0.00216	-155.56	-70.71	0.00193
-162.63	-63.64	0.00173	-169.71	-56.57	0.00156
-176.78	-49.50	0.00140	-183.85	-42.43	0.00127



14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00383	-56.57	-183.85	0.00423
-63.64	-176.78	0.00469	-70.71	-169.71	0.00521
-77.78	-162.63	0.00580	-84.85	-155.56	0.00643
-91.92	-148.49	0.00705	-98.99	-141.42	0.00755
-102.53	-137.89	0.00768	-106.07	-134.35	0.00770
-108.19	-132.23	0.00763	-109.60	-130.81	0.00755
-111.02	-129.40	0.00744	-112.43	-127.99	0.00729
-113.84	-126.57	0.00715	-126.57	-113.84	0.00312
-127.99	-112.43	0.00307	-129.40	-111.02	0.00303
-130.81	-109.60	0.00299	-132.23	-108.19	0.00295

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00288	-137.89	-102.53	0.00277
-141.42	-98.99	0.00264	-148.49	-91.92	0.00238
-155.56	-84.85	0.00213	-162.63	-77.78	0.00191
-169.71	-70.71	0.00171	-176.78	-63.64	0.00153
-183.85	-56.57	0.00138	-190.92	-49.50	0.00125
-56.57	-197.99	0.00363	-63.64	-190.92	0.00401
-70.71	-183.85	0.00446	-77.78	-176.78	0.00498
-84.85	-169.71	0.00557	-91.92	-162.63	0.00621
-98.99	-155.56	0.00685	-106.07	-148.49	0.00739
-109.60	-144.96	0.00755	-113.14	-141.42	0.00758
-115.26	-139.30	0.00752	-116.67	-137.89	0.00745
-118.09	-136.47	0.00734	-119.50	-135.06	0.00721
-120.92	-133.64	0.00707	-133.64	-120.92	0.00307
-135.06	-119.50	0.00302	-136.47	-118.09	0.00298
-137.89	-116.67	0.00294	-139.30	-115.26	0.00290
-141.42	-113.14	0.00284	-144.96	-109.60	0.00273
-148.49	-106.07	0.00261	-155.56	-98.99	0.00235
-162.63	-91.92	0.00210	-169.71	-84.85	0.00187
-176.78	-77.78	0.00167	-183.85	-70.71	0.00150
-190.92	-63.64	0.00135	-197.99	-56.57	0.00122
-63.64	-205.06	0.00338	-70.71	-197.99	0.00374
-77.78	-190.92	0.00416	-84.85	-183.85	0.00466
-91.92	-176.78	0.00523	-98.99	-169.71	0.00587
-106.07	-162.63	0.00653	-113.14	-155.56	0.00712

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00731	-120.21	-148.49	0.00739
-122.33	-146.37	0.00736	-123.74	-144.96	0.00729
-125.16	-143.54	0.00720	-126.57	-142.13	0.00708
-127.99	-140.71	0.00694	-140.71	-127.99	0.00300
-142.13	-126.57	0.00295	-143.54	-125.16	0.00291
-144.96	-123.74	0.00287	-146.37	-122.33	0.00284
-148.49	-120.21	0.00278	-152.03	-116.67	0.00268
-155.56	-113.14	0.00256	-162.63	-106.07	0.00230
-169.71	-98.99	0.00205	-176.78	-91.92	0.00182
-183.85	-84.85	0.00163	-190.92	-77.78	0.00146
-197.99	-70.71	0.00131	-205.06	-63.64	0.00118
-70.71	-212.13	0.00309	-77.78	-205.06	0.00341
-84.85	-197.99	0.00379	-91.92	-190.92	0.00424
-98.99	-183.85	0.00476	-106.07	-176.78	0.00536
-113.14	-169.71	0.00601	-120.21	-162.63	0.00664
-123.74	-159.10	0.00688	-127.28	-155.56	0.00702

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00703	-130.81	-152.03	0.00701
-132.23	-150.61	0.00694	-133.64	-149.20	0.00685
-135.06	-147.79	0.00674	-147.79	-135.06	0.00290
-149.20	-133.64	0.00285	-150.61	-132.23	0.00282
-152.03	-130.81	0.00279	-153.44	-129.40	0.00276
-155.56	-127.28	0.00270	-159.10	-123.74	0.00260
-162.63	-120.21	0.00248	-169.71	-113.14	0.00222
-176.78	-106.07	0.00197	-183.85	-98.99	0.00175
-190.92	-91.92	0.00156	-197.99	-84.85	0.00139
-205.06	-77.78	0.00125	-212.13	-70.71	0.00114
-77.78	-219.20	0.00276	-84.85	-212.13	0.00302
-91.92	-205.06	0.00334	-98.99	-197.99	0.00371
-106.07	-190.92	0.00414	-113.14	-183.85	0.00463
-120.21	-176.78	0.00519	-127.28	-169.71	0.00576
-130.81	-166.17	0.00603	-134.35	-162.63	0.00624
-136.47	-160.51	0.00632	-137.89	-159.10	0.00636
-139.30	-157.68	0.00636	-140.71	-156.27	0.00635
-142.13	-154.86	0.00631	-154.86	-142.13	0.00276

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00272	-157.68	-139.30	0.00269
-159.10	-137.89	0.00266	-160.51	-136.47	0.00263
-162.63	-134.35	0.00257	-166.17	-130.81	0.00246
-169.71	-127.28	0.00234	-176.78	-120.21	0.00209
-183.85	-113.14	0.00185	-190.92	-106.07	0.00164
-197.99	-98.99	0.00146	-205.06	-91.92	0.00131
-212.13	-84.85	0.00118	-219.20	-77.78	0.00107
-84.85	-226.27	0.00240	-91.92	-219.20	0.00261
-98.99	-212.13	0.00284	-106.07	-205.06	0.00310
-113.14	-197.99	0.00339	-120.21	-190.92	0.00371
-127.28	-183.85	0.00404	-134.35	-176.78	0.00434
-137.89	-173.24	0.00447	-141.42	-169.71	0.00458
-143.54	-167.58	0.00465	-144.96	-166.17	0.00470
-146.37	-164.76	0.00476	-147.79	-163.34	0.00484
-149.20	-161.93	0.00497	-161.93	-149.20	0.00251
-163.34	-147.79	0.00245	-164.76	-146.37	0.00241
-166.17	-144.96	0.00237	-167.58	-143.54	0.00233
-169.71	-141.42	0.00228	-173.24	-137.89	0.00218
-176.78	-134.35	0.00207	-183.85	-127.28	0.00186
-190.92	-120.21	0.00167	-197.99	-113.14	0.00149
-205.06	-106.07	0.00134	-212.13	-98.99	0.00121
-219.20	-91.92	0.00110	-226.27	-84.85	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00205	-98.99	-226.27	0.00219
-106.07	-219.20	0.00234	-113.14	-212.13	0.00250
-120.21	-205.06	0.00265	-127.28	-197.99	0.00278
-134.35	-190.92	0.00285	-141.42	-183.85	0.00281
-144.96	-180.31	0.00271	-148.49	-176.78	0.00256
-150.61	-174.66	0.00243	-152.03	-173.24	0.00234
-153.44	-171.83	0.00223	-154.86	-170.41	0.00212
-156.27	-169.00	0.00199	-169.00	-156.27	0.00173
-170.41	-154.86	0.00174	-171.83	-153.44	0.00176
-173.24	-152.03	0.00177	-174.66	-150.61	0.00177
-176.78	-148.49	0.00177	-180.31	-144.96	0.00174
-183.85	-141.42	0.00170	-190.92	-134.35	0.00158

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00145	-205.06	-120.21	0.00132
-212.13	-113.14	0.00121	-219.20	-106.07	0.00110
-226.27	-98.99	0.00101	-233.35	-91.92	0.00093
-98.99	-240.42	0.00173	-106.07	-233.35	0.00181
-113.14	-226.27	0.00189	-120.21	-219.20	0.00196
-127.28	-212.13	0.00201	-134.35	-205.06	0.00202
-141.42	-197.99	0.00197	-148.49	-190.92	0.00184
-152.03	-187.38	0.00174	-155.56	-183.85	0.00161
-157.68	-181.73	0.00152	-159.10	-180.31	0.00147
-160.51	-178.90	0.00142	-161.93	-177.48	0.00137
-163.34	-176.07	0.00133	-176.07	-163.34	0.00132
-177.48	-161.93	0.00133	-178.90	-160.51	0.00133
-180.31	-159.10	0.00133	-181.73	-157.68	0.00134
-183.85	-155.56	0.00135	-187.38	-152.03	0.00136
-190.92	-148.49	0.00135	-197.99	-141.42	0.00131
-205.06	-134.35	0.00124	-212.13	-127.28	0.00115
-219.20	-120.21	0.00107	-226.27	-113.14	0.00099
-233.35	-106.07	0.00092	-240.42	-98.99	0.00085
-106.07	-247.49	0.00144	-113.14	-240.42	0.00148
-120.21	-233.35	0.00152	-127.28	-226.27	0.00154
-134.35	-219.20	0.00154	-141.42	-212.13	0.00152
-148.49	-205.06	0.00145	-155.56	-197.99	0.00133
-159.10	-194.45	0.00125	-162.63	-190.92	0.00119
-164.76	-188.80	0.00115	-166.17	-187.38	0.00113
-167.58	-185.97	0.00111	-169.00	-184.55	0.00109
-170.41	-183.14	0.00107	-183.14	-170.41	0.00111
-184.55	-169.00	0.00112	-185.97	-167.58	0.00112
-187.38	-166.17	0.00112	-188.80	-164.76	0.00111

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00111	-194.45	-159.10	0.00110
-197.99	-155.56	0.00109	-205.06	-148.49	0.00107
-212.13	-141.42	0.00104	-219.20	-134.35	0.00099
-226.27	-127.28	0.00094	-233.35	-120.21	0.00088
-240.42	-113.14	0.00083	-247.49	-106.07	0.00078

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

14NCRA\_PL94-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00680 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT ( -108.19, -132.23, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT ( -109.60, -130.81, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00680 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT ( -44.55, -68.59, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT ( -45.96, -67.18, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00680 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT ( 19.09, -4.95, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT ( 17.68, -3.54, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

14:58:12

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00680 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT ( 82.73, 58.69, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00669 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00664 AT ( 81.32, 60.10, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00680 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00676 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00675 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00674 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00672 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00672 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00671 AT ( 146.37, 122.33, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00670 AT ( 132.23, 108.19, 0.00, 1.20)	DC	NA

		14NCRA_PL94-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00669	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00664	AT (	144.96,	123.74,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00799	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00799	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00799	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00799	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00799	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00798	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00798	AT (	17.68,	-17.68,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00798	AT (	-38.89,	-74.25,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00798	AT (	-31.82,	-67.18,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00797	AT (	-45.96,	-81.32,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

14:58:12

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 10 Informational Message(s)  
 A Total of 10 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 15:03:42

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at NE/SW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA -92.28 -98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA -28.64 -35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA 35.0 28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA 98.64 92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA 162.28 155.92 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 -135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2



RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2

RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2

RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2

RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2

RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2



RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2

RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2

RE DISCCART	113.14	14.14	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	74.25	38.89	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	48.79	64.35	1.2

RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART	28.99	41.72	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	10.61	45.96	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	91.92	1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2



RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	49.5	-63.64	1.2
RE DISCCART	42.43	-56.57	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	4.95	-19.09	1.2

RE DISCCART	3.54	-17.68	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-10.61	-45.96	1.2

RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-41.72	-28.99	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-21.21	-77.78	1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-67.18	-88.39	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-88.39	-67.18	1.2



RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-127.28	-42.43	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-106.77	-91.22	1.2

RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
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RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-94.05	-118.09	1.2
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RE DISCCART	-96.87	-115.26	1.2
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RE DISCCART	-112.43	-99.7	1.2
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RE DISCCART	-120.21	-91.92	1.2
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RE DISCCART	-127.28	-84.85	1.2
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RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2

RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
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RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
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RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
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RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
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RE DISCCART	-84.85	-155.56	1.2
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RE DISCCART	-106.07	-134.35	1.2
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RE DISCCART	-109.6	-130.81	1.2
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RE DISCCART	-113.84	-126.57	1.2

RE DISCCART	-126.57	-113.84	1.2
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RE DISCCART	-176.78	-77.78	1.2
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RE DISCCART	-190.92	-63.64	1.2

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RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
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RE DISCCART	-176.78	-91.92	1.2
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RE DISCCART	-106.07	-176.78	1.2
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RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
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RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
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RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
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RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
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RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
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RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
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RE DISCCART	-161.93	-149.2	1.2
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RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2



RE DISCCART	-152.03	-173.24	1.2
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RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
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RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
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RE DISCCART	-176.07	-163.34	1.2
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RE DISCCART -212.13 -127.28 1.2  
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OU FINISHED

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\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound.RAW"

\*\* RAWFMT 2

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\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\15NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\15NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X            Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-92.3	-98.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S2	0	0.21100E-07	-28.6	-35.0	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S3	0	0.21100E-07	35.0	28.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S4	0	0.21100E-07	98.6	92.3	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S5	0	0.21100E-07	162.3	155.9	0.0	4.95	9.00	90.00	-135.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 247.5,	106.1,	0.0,	1.2);	( 240.4,	113.1,	0.0,	1.2);
( 233.4,	120.2,	0.0,	1.2);	( 226.3,	127.3,	0.0,	1.2);
( 219.2,	134.4,	0.0,	1.2);	( 212.1,	141.4,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 205.1,	148.5,	0.0,	1.2);	( 198.0,	155.6,	0.0,	1.2);
( 194.4,	159.1,	0.0,	1.2);	( 190.9,	162.6,	0.0,	1.2);
( 188.8,	164.8,	0.0,	1.2);	( 187.4,	166.2,	0.0,	1.2);
( 186.0,	167.6,	0.0,	1.2);	( 184.6,	169.0,	0.0,	1.2);
( 183.1,	170.4,	0.0,	1.2);	( 170.4,	183.1,	0.0,	1.2);
( 169.0,	184.6,	0.0,	1.2);	( 167.6,	186.0,	0.0,	1.2);
( 166.2,	187.4,	0.0,	1.2);	( 164.8,	188.8,	0.0,	1.2);
( 162.6,	190.9,	0.0,	1.2);	( 159.1,	194.4,	0.0,	1.2);
( 155.6,	198.0,	0.0,	1.2);	( 148.5,	205.1,	0.0,	1.2);
( 141.4,	212.1,	0.0,	1.2);	( 134.4,	219.2,	0.0,	1.2);
( 127.3,	226.3,	0.0,	1.2);	( 120.2,	233.4,	0.0,	1.2);
( 113.1,	240.4,	0.0,	1.2);	( 106.1,	247.5,	0.0,	1.2);
( 240.4,	99.0,	0.0,	1.2);	( 233.4,	106.1,	0.0,	1.2);
( 226.3,	113.1,	0.0,	1.2);	( 219.2,	120.2,	0.0,	1.2);
( 212.1,	127.3,	0.0,	1.2);	( 205.1,	134.4,	0.0,	1.2);
( 198.0,	141.4,	0.0,	1.2);	( 190.9,	148.5,	0.0,	1.2);
( 187.4,	152.0,	0.0,	1.2);	( 183.9,	155.6,	0.0,	1.2);
( 181.7,	157.7,	0.0,	1.2);	( 180.3,	159.1,	0.0,	1.2);
( 178.9,	160.5,	0.0,	1.2);	( 177.5,	161.9,	0.0,	1.2);
( 176.1,	163.3,	0.0,	1.2);	( 163.3,	176.1,	0.0,	1.2);
( 161.9,	177.5,	0.0,	1.2);	( 160.5,	178.9,	0.0,	1.2);
( 159.1,	180.3,	0.0,	1.2);	( 157.7,	181.7,	0.0,	1.2);
( 155.6,	183.9,	0.0,	1.2);	( 152.0,	187.4,	0.0,	1.2);
( 148.5,	190.9,	0.0,	1.2);	( 141.4,	198.0,	0.0,	1.2);
( 134.4,	205.1,	0.0,	1.2);	( 127.3,	212.1,	0.0,	1.2);
( 120.2,	219.2,	0.0,	1.2);	( 113.1,	226.3,	0.0,	1.2);
( 106.1,	233.4,	0.0,	1.2);	( 99.0,	240.4,	0.0,	1.2);
( 233.4,	91.9,	0.0,	1.2);	( 226.3,	99.0,	0.0,	1.2);
( 219.2,	106.1,	0.0,	1.2);	( 212.1,	113.1,	0.0,	1.2);
( 205.1,	120.2,	0.0,	1.2);	( 198.0,	127.3,	0.0,	1.2);
( 190.9,	134.4,	0.0,	1.2);	( 183.9,	141.4,	0.0,	1.2);
( 180.3,	145.0,	0.0,	1.2);	( 176.8,	148.5,	0.0,	1.2);
( 174.7,	150.6,	0.0,	1.2);	( 173.2,	152.0,	0.0,	1.2);
( 171.8,	153.4,	0.0,	1.2);	( 170.4,	154.9,	0.0,	1.2);
( 169.0,	156.3,	0.0,	1.2);	( 156.3,	169.0,	0.0,	1.2);
( 154.9,	170.4,	0.0,	1.2);	( 153.4,	171.8,	0.0,	1.2);
( 152.0,	173.2,	0.0,	1.2);	( 150.6,	174.7,	0.0,	1.2);
( 148.5,	176.8,	0.0,	1.2);	( 145.0,	180.3,	0.0,	1.2);
( 141.4,	183.9,	0.0,	1.2);	( 134.4,	190.9,	0.0,	1.2);
( 127.3,	198.0,	0.0,	1.2);	( 120.2,	205.1,	0.0,	1.2);
( 113.1,	212.1,	0.0,	1.2);	( 106.1,	219.2,	0.0,	1.2);
( 99.0,	226.3,	0.0,	1.2);	( 91.9,	233.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 226.3,	84.8,	0.0,	1.2);	( 219.2,	91.9,	0.0,	1.2);
( 212.1,	99.0,	0.0,	1.2);	( 205.1,	106.1,	0.0,	1.2);
( 198.0,	113.1,	0.0,	1.2);	( 190.9,	120.2,	0.0,	1.2);
( 183.9,	127.3,	0.0,	1.2);	( 176.8,	134.4,	0.0,	1.2);
( 173.2,	137.9,	0.0,	1.2);	( 169.7,	141.4,	0.0,	1.2);
( 167.6,	143.5,	0.0,	1.2);	( 166.2,	145.0,	0.0,	1.2);
( 164.8,	146.4,	0.0,	1.2);	( 163.3,	147.8,	0.0,	1.2);
( 161.9,	149.2,	0.0,	1.2);	( 149.2,	161.9,	0.0,	1.2);
( 147.8,	163.3,	0.0,	1.2);	( 146.4,	164.8,	0.0,	1.2);
( 145.0,	166.2,	0.0,	1.2);	( 143.5,	167.6,	0.0,	1.2);
( 141.4,	169.7,	0.0,	1.2);	( 137.9,	173.2,	0.0,	1.2);
( 134.4,	176.8,	0.0,	1.2);	( 127.3,	183.9,	0.0,	1.2);
( 120.2,	190.9,	0.0,	1.2);	( 113.1,	198.0,	0.0,	1.2);
( 106.1,	205.1,	0.0,	1.2);	( 99.0,	212.1,	0.0,	1.2);
( 91.9,	219.2,	0.0,	1.2);	( 84.8,	226.3,	0.0,	1.2);
( 219.2,	77.8,	0.0,	1.2);	( 212.1,	84.8,	0.0,	1.2);
( 205.1,	91.9,	0.0,	1.2);	( 198.0,	99.0,	0.0,	1.2);
( 190.9,	106.1,	0.0,	1.2);	( 183.9,	113.1,	0.0,	1.2);
( 176.8,	120.2,	0.0,	1.2);	( 169.7,	127.3,	0.0,	1.2);
( 166.2,	130.8,	0.0,	1.2);	( 162.6,	134.4,	0.0,	1.2);
( 160.5,	136.5,	0.0,	1.2);	( 159.1,	137.9,	0.0,	1.2);
( 157.7,	139.3,	0.0,	1.2);	( 156.3,	140.7,	0.0,	1.2);
( 154.9,	142.1,	0.0,	1.2);	( 142.1,	154.9,	0.0,	1.2);
( 140.7,	156.3,	0.0,	1.2);	( 139.3,	157.7,	0.0,	1.2);
( 137.9,	159.1,	0.0,	1.2);	( 136.5,	160.5,	0.0,	1.2);
( 134.4,	162.6,	0.0,	1.2);	( 130.8,	166.2,	0.0,	1.2);
( 127.3,	169.7,	0.0,	1.2);	( 120.2,	176.8,	0.0,	1.2);
( 113.1,	183.9,	0.0,	1.2);	( 106.1,	190.9,	0.0,	1.2);
( 99.0,	198.0,	0.0,	1.2);	( 91.9,	205.1,	0.0,	1.2);
( 84.8,	212.1,	0.0,	1.2);	( 77.8,	219.2,	0.0,	1.2);
( 212.1,	70.7,	0.0,	1.2);	( 205.1,	77.8,	0.0,	1.2);
( 198.0,	84.8,	0.0,	1.2);	( 190.9,	91.9,	0.0,	1.2);
( 183.9,	99.0,	0.0,	1.2);	( 176.8,	106.1,	0.0,	1.2);
( 169.7,	113.1,	0.0,	1.2);	( 162.6,	120.2,	0.0,	1.2);
( 159.1,	123.7,	0.0,	1.2);	( 155.6,	127.3,	0.0,	1.2);
( 153.4,	129.4,	0.0,	1.2);	( 152.0,	130.8,	0.0,	1.2);
( 150.6,	132.2,	0.0,	1.2);	( 149.2,	133.6,	0.0,	1.2);
( 147.8,	135.1,	0.0,	1.2);	( 135.1,	147.8,	0.0,	1.2);
( 133.6,	149.2,	0.0,	1.2);	( 132.2,	150.6,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 130.8,	152.0,	0.0,	1.2);	( 129.4,	153.4,	0.0,	1.2);
( 127.3,	155.6,	0.0,	1.2);	( 123.7,	159.1,	0.0,	1.2);
( 120.2,	162.6,	0.0,	1.2);	( 113.1,	169.7,	0.0,	1.2);
( 106.1,	176.8,	0.0,	1.2);	( 99.0,	183.9,	0.0,	1.2);
( 91.9,	190.9,	0.0,	1.2);	( 84.8,	198.0,	0.0,	1.2);
( 77.8,	205.1,	0.0,	1.2);	( 70.7,	212.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 205.1,	63.6,	0.0,	1.2);	( 198.0,	70.7,	0.0,	1.2);
( 190.9,	77.8,	0.0,	1.2);	( 183.9,	84.8,	0.0,	1.2);
( 176.8,	91.9,	0.0,	1.2);	( 169.7,	99.0,	0.0,	1.2);
( 162.6,	106.1,	0.0,	1.2);	( 155.6,	113.1,	0.0,	1.2);
( 152.0,	116.7,	0.0,	1.2);	( 148.5,	120.2,	0.0,	1.2);
( 146.4,	122.3,	0.0,	1.2);	( 145.0,	123.7,	0.0,	1.2);
( 143.5,	125.2,	0.0,	1.2);	( 142.1,	126.6,	0.0,	1.2);
( 140.7,	128.0,	0.0,	1.2);	( 128.0,	140.7,	0.0,	1.2);
( 126.6,	142.1,	0.0,	1.2);	( 125.2,	143.5,	0.0,	1.2);
( 123.7,	145.0,	0.0,	1.2);	( 122.3,	146.4,	0.0,	1.2);
( 120.2,	148.5,	0.0,	1.2);	( 116.7,	152.0,	0.0,	1.2);
( 113.1,	155.6,	0.0,	1.2);	( 106.1,	162.6,	0.0,	1.2);
( 99.0,	169.7,	0.0,	1.2);	( 91.9,	176.8,	0.0,	1.2);
( 84.8,	183.9,	0.0,	1.2);	( 77.8,	190.9,	0.0,	1.2);
( 70.7,	198.0,	0.0,	1.2);	( 63.6,	205.1,	0.0,	1.2);
( 198.0,	56.6,	0.0,	1.2);	( 190.9,	63.6,	0.0,	1.2);
( 183.9,	70.7,	0.0,	1.2);	( 176.8,	77.8,	0.0,	1.2);
( 169.7,	84.8,	0.0,	1.2);	( 162.6,	91.9,	0.0,	1.2);
( 155.6,	99.0,	0.0,	1.2);	( 148.5,	106.1,	0.0,	1.2);
( 145.0,	109.6,	0.0,	1.2);	( 141.4,	113.1,	0.0,	1.2);
( 139.3,	115.3,	0.0,	1.2);	( 137.9,	116.7,	0.0,	1.2);
( 136.5,	118.1,	0.0,	1.2);	( 135.1,	119.5,	0.0,	1.2);
( 133.6,	120.9,	0.0,	1.2);	( 120.9,	133.6,	0.0,	1.2);
( 119.5,	135.1,	0.0,	1.2);	( 118.1,	136.5,	0.0,	1.2);
( 116.7,	137.9,	0.0,	1.2);	( 115.3,	139.3,	0.0,	1.2);
( 113.1,	141.4,	0.0,	1.2);	( 109.6,	145.0,	0.0,	1.2);
( 106.1,	148.5,	0.0,	1.2);	( 99.0,	155.6,	0.0,	1.2);
( 91.9,	162.6,	0.0,	1.2);	( 84.8,	169.7,	0.0,	1.2);
( 77.8,	176.8,	0.0,	1.2);	( 70.7,	183.9,	0.0,	1.2);
( 63.6,	190.9,	0.0,	1.2);	( 56.6,	198.0,	0.0,	1.2);
( 190.9,	49.5,	0.0,	1.2);	( 183.9,	56.6,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 176.8,	63.6,	0.0,	1.2);	( 169.7,	70.7,	0.0,	1.2);
( 162.6,	77.8,	0.0,	1.2);	( 155.6,	84.8,	0.0,	1.2);
( 148.5,	91.9,	0.0,	1.2);	( 141.4,	99.0,	0.0,	1.2);
( 137.9,	102.5,	0.0,	1.2);	( 134.4,	106.1,	0.0,	1.2);
( 132.2,	108.2,	0.0,	1.2);	( 130.8,	109.6,	0.0,	1.2);
( 129.4,	111.0,	0.0,	1.2);	( 128.0,	112.4,	0.0,	1.2);
( 126.6,	113.8,	0.0,	1.2);	( 113.8,	126.6,	0.0,	1.2);
( 112.4,	128.0,	0.0,	1.2);	( 111.0,	129.4,	0.0,	1.2);
( 109.6,	130.8,	0.0,	1.2);	( 108.2,	132.2,	0.0,	1.2);
( 106.1,	134.4,	0.0,	1.2);	( 102.5,	137.9,	0.0,	1.2);
( 99.0,	141.4,	0.0,	1.2);	( 91.9,	148.5,	0.0,	1.2);
( 84.8,	155.6,	0.0,	1.2);	( 77.8,	162.6,	0.0,	1.2);
( 70.7,	169.7,	0.0,	1.2);	( 63.6,	176.8,	0.0,	1.2);
( 56.6,	183.9,	0.0,	1.2);	( 49.5,	190.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

PAGE 7

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 183.9,	42.4,	0.0,	1.2);	( 176.8,	49.5,	0.0,	1.2);
( 169.7,	56.6,	0.0,	1.2);	( 162.6,	63.6,	0.0,	1.2);
( 155.6,	70.7,	0.0,	1.2);	( 148.5,	77.8,	0.0,	1.2);
( 141.4,	84.8,	0.0,	1.2);	( 134.4,	91.9,	0.0,	1.2);
( 130.8,	95.5,	0.0,	1.2);	( 127.3,	99.0,	0.0,	1.2);
( 125.2,	101.1,	0.0,	1.2);	( 123.7,	102.5,	0.0,	1.2);
( 122.3,	103.9,	0.0,	1.2);	( 120.9,	105.4,	0.0,	1.2);
( 119.5,	106.8,	0.0,	1.2);	( 106.8,	119.5,	0.0,	1.2);
( 105.4,	120.9,	0.0,	1.2);	( 103.9,	122.3,	0.0,	1.2);
( 102.5,	123.7,	0.0,	1.2);	( 101.1,	125.2,	0.0,	1.2);
( 99.0,	127.3,	0.0,	1.2);	( 95.5,	130.8,	0.0,	1.2);
( 91.9,	134.4,	0.0,	1.2);	( 84.8,	141.4,	0.0,	1.2);
( 77.8,	148.5,	0.0,	1.2);	( 70.7,	155.6,	0.0,	1.2);
( 63.6,	162.6,	0.0,	1.2);	( 56.6,	169.7,	0.0,	1.2);
( 49.5,	176.8,	0.0,	1.2);	( 42.4,	183.9,	0.0,	1.2);
( 176.8,	35.4,	0.0,	1.2);	( 169.7,	42.4,	0.0,	1.2);
( 162.6,	49.5,	0.0,	1.2);	( 155.6,	56.6,	0.0,	1.2);
( 148.5,	63.6,	0.0,	1.2);	( 141.4,	70.7,	0.0,	1.2);
( 134.4,	77.8,	0.0,	1.2);	( 127.3,	84.8,	0.0,	1.2);
( 123.7,	88.4,	0.0,	1.2);	( 120.2,	91.9,	0.0,	1.2);
( 118.1,	94.1,	0.0,	1.2);	( 116.7,	95.5,	0.0,	1.2);
( 115.3,	96.9,	0.0,	1.2);	( 113.8,	98.3,	0.0,	1.2);
( 112.4,	99.7,	0.0,	1.2);	( 99.7,	112.4,	0.0,	1.2);



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 98.3,	113.8,	0.0,	1.2);	( 96.9,	115.3,	0.0,	1.2);
( 95.5,	116.7,	0.0,	1.2);	( 94.1,	118.1,	0.0,	1.2);
( 91.9,	120.2,	0.0,	1.2);	( 88.4,	123.7,	0.0,	1.2);
( 84.8,	127.3,	0.0,	1.2);	( 77.8,	134.4,	0.0,	1.2);
( 70.7,	141.4,	0.0,	1.2);	( 63.6,	148.5,	0.0,	1.2);
( 56.6,	155.6,	0.0,	1.2);	( 49.5,	162.6,	0.0,	1.2);
( 42.4,	169.7,	0.0,	1.2);	( 35.4,	176.8,	0.0,	1.2);
( 169.7,	28.3,	0.0,	1.2);	( 162.6,	35.4,	0.0,	1.2);
( 155.6,	42.4,	0.0,	1.2);	( 148.5,	49.5,	0.0,	1.2);
( 141.4,	56.6,	0.0,	1.2);	( 134.4,	63.6,	0.0,	1.2);
( 127.3,	70.7,	0.0,	1.2);	( 120.2,	77.8,	0.0,	1.2);
( 116.7,	81.3,	0.0,	1.2);	( 113.1,	84.8,	0.0,	1.2);
( 111.0,	87.0,	0.0,	1.2);	( 109.6,	88.4,	0.0,	1.2);
( 108.2,	89.8,	0.0,	1.2);	( 106.8,	91.2,	0.0,	1.2);
( 105.4,	92.6,	0.0,	1.2);	( 92.6,	105.4,	0.0,	1.2);
( 91.2,	106.8,	0.0,	1.2);	( 89.8,	108.2,	0.0,	1.2);
( 88.4,	109.6,	0.0,	1.2);	( 87.0,	111.0,	0.0,	1.2);
( 84.8,	113.1,	0.0,	1.2);	( 81.3,	116.7,	0.0,	1.2);
( 77.8,	120.2,	0.0,	1.2);	( 70.7,	127.3,	0.0,	1.2);
( 63.6,	134.4,	0.0,	1.2);	( 56.6,	141.4,	0.0,	1.2);
( 49.5,	148.5,	0.0,	1.2);	( 42.4,	155.6,	0.0,	1.2);
( 35.4,	162.6,	0.0,	1.2);	( 28.3,	169.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 8  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 162.6,	21.2,	0.0,	1.2);	( 155.6,	28.3,	0.0,	1.2);
( 148.5,	35.4,	0.0,	1.2);	( 141.4,	42.4,	0.0,	1.2);
( 134.4,	49.5,	0.0,	1.2);	( 127.3,	56.6,	0.0,	1.2);
( 120.2,	63.6,	0.0,	1.2);	( 113.1,	70.7,	0.0,	1.2);
( 109.6,	74.2,	0.0,	1.2);	( 106.1,	77.8,	0.0,	1.2);
( 103.9,	79.9,	0.0,	1.2);	( 102.5,	81.3,	0.0,	1.2);
( 101.1,	82.7,	0.0,	1.2);	( 99.7,	84.2,	0.0,	1.2);
( 98.3,	85.6,	0.0,	1.2);	( 85.6,	98.3,	0.0,	1.2);
( 84.2,	99.7,	0.0,	1.2);	( 82.7,	101.1,	0.0,	1.2);
( 81.3,	102.5,	0.0,	1.2);	( 79.9,	103.9,	0.0,	1.2);
( 77.8,	106.1,	0.0,	1.2);	( 74.2,	109.6,	0.0,	1.2);
( 70.7,	113.1,	0.0,	1.2);	( 63.6,	120.2,	0.0,	1.2);
( 56.6,	127.3,	0.0,	1.2);	( 49.5,	134.4,	0.0,	1.2);
( 42.4,	141.4,	0.0,	1.2);	( 35.4,	148.5,	0.0,	1.2);
( 28.3,	155.6,	0.0,	1.2);	( 21.2,	162.6,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 155.6,	14.1,	0.0,	1.2);	( 148.5,	21.2,	0.0,	1.2);
( 141.4,	28.3,	0.0,	1.2);	( 134.4,	35.4,	0.0,	1.2);
( 127.3,	42.4,	0.0,	1.2);	( 120.2,	49.5,	0.0,	1.2);
( 113.1,	56.6,	0.0,	1.2);	( 106.1,	63.6,	0.0,	1.2);
( 102.5,	67.2,	0.0,	1.2);	( 99.0,	70.7,	0.0,	1.2);
( 96.9,	72.8,	0.0,	1.2);	( 95.5,	74.2,	0.0,	1.2);
( 94.1,	75.7,	0.0,	1.2);	( 92.6,	77.1,	0.0,	1.2);
( 91.2,	78.5,	0.0,	1.2);	( 78.5,	91.2,	0.0,	1.2);
( 77.1,	92.6,	0.0,	1.2);	( 75.7,	94.1,	0.0,	1.2);
( 74.2,	95.5,	0.0,	1.2);	( 72.8,	96.9,	0.0,	1.2);
( 70.7,	99.0,	0.0,	1.2);	( 67.2,	102.5,	0.0,	1.2);
( 63.6,	106.1,	0.0,	1.2);	( 56.6,	113.1,	0.0,	1.2);
( 49.5,	120.2,	0.0,	1.2);	( 42.4,	127.3,	0.0,	1.2);
( 35.4,	134.4,	0.0,	1.2);	( 28.3,	141.4,	0.0,	1.2);
( 21.2,	148.5,	0.0,	1.2);	( 14.1,	155.6,	0.0,	1.2);
( 148.5,	7.1,	0.0,	1.2);	( 141.4,	14.1,	0.0,	1.2);
( 134.4,	21.2,	0.0,	1.2);	( 127.3,	28.3,	0.0,	1.2);
( 120.2,	35.4,	0.0,	1.2);	( 113.1,	42.4,	0.0,	1.2);
( 106.1,	49.5,	0.0,	1.2);	( 99.0,	56.6,	0.0,	1.2);
( 95.5,	60.1,	0.0,	1.2);	( 91.9,	63.6,	0.0,	1.2);
( 89.8,	65.8,	0.0,	1.2);	( 88.4,	67.2,	0.0,	1.2);
( 87.0,	68.6,	0.0,	1.2);	( 85.6,	70.0,	0.0,	1.2);
( 84.2,	71.4,	0.0,	1.2);	( 71.4,	84.2,	0.0,	1.2);
( 70.0,	85.6,	0.0,	1.2);	( 68.6,	87.0,	0.0,	1.2);
( 67.2,	88.4,	0.0,	1.2);	( 65.8,	89.8,	0.0,	1.2);
( 63.6,	91.9,	0.0,	1.2);	( 60.1,	95.5,	0.0,	1.2);
( 56.6,	99.0,	0.0,	1.2);	( 49.5,	106.1,	0.0,	1.2);
( 42.4,	113.1,	0.0,	1.2);	( 35.4,	120.2,	0.0,	1.2);
( 28.3,	127.3,	0.0,	1.2);	( 21.2,	134.4,	0.0,	1.2);
( 14.1,	141.4,	0.0,	1.2);	( 7.1,	148.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 141.4,	0.0,	0.0,	1.2);	( 134.4,	7.1,	0.0,	1.2);
( 127.3,	14.1,	0.0,	1.2);	( 120.2,	21.2,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	35.4,	0.0,	1.2);
( 99.0,	42.4,	0.0,	1.2);	( 91.9,	49.5,	0.0,	1.2);
( 88.4,	53.0,	0.0,	1.2);	( 84.8,	56.6,	0.0,	1.2);
( 82.7,	58.7,	0.0,	1.2);	( 81.3,	60.1,	0.0,	1.2);
( 79.9,	61.5,	0.0,	1.2);	( 78.5,	62.9,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 77.1, 64.3, 0.0, 1.2);	( 64.3, 77.1, 0.0, 1.2);
( 62.9, 78.5, 0.0, 1.2);	( 61.5, 79.9, 0.0, 1.2);
( 60.1, 81.3, 0.0, 1.2);	( 58.7, 82.7, 0.0, 1.2);
( 56.6, 84.8, 0.0, 1.2);	( 53.0, 88.4, 0.0, 1.2);
( 49.5, 91.9, 0.0, 1.2);	( 42.4, 99.0, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 113.1, 0.0, 1.2);
( 21.2, 120.2, 0.0, 1.2);	( 14.1, 127.3, 0.0, 1.2);
( 7.1, 134.4, 0.0, 1.2);	( 0.0, 141.4, 0.0, 1.2);
( 134.4, -7.1, 0.0, 1.2);	( 127.3, 0.0, 0.0, 1.2);
( 120.2, 7.1, 0.0, 1.2);	( 113.1, 14.1, 0.0, 1.2);
( 106.1, 21.2, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 35.4, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 81.3, 46.0, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 75.7, 51.6, 0.0, 1.2);	( 74.2, 53.0, 0.0, 1.2);
( 72.8, 54.5, 0.0, 1.2);	( 71.4, 55.9, 0.0, 1.2);
( 70.0, 57.3, 0.0, 1.2);	( 57.3, 70.0, 0.0, 1.2);
( 55.9, 71.4, 0.0, 1.2);	( 54.5, 72.8, 0.0, 1.2);
( 53.0, 74.2, 0.0, 1.2);	( 51.6, 75.7, 0.0, 1.2);
( 49.5, 77.8, 0.0, 1.2);	( 46.0, 81.3, 0.0, 1.2);
( 42.4, 84.8, 0.0, 1.2);	( 35.4, 91.9, 0.0, 1.2);
( 28.3, 99.0, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 113.1, 0.0, 1.2);	( 7.1, 120.2, 0.0, 1.2);
( 0.0, 127.3, 0.0, 1.2);	( -7.1, 134.4, 0.0, 1.2);
( 127.3, -14.1, 0.0, 1.2);	( 120.2, -7.1, 0.0, 1.2);
( 113.1, 0.0, 0.0, 1.2);	( 106.1, 7.1, 0.0, 1.2);
( 99.0, 14.1, 0.0, 1.2);	( 91.9, 21.2, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 35.4, 0.0, 1.2);
( 74.2, 38.9, 0.0, 1.2);	( 70.7, 42.4, 0.0, 1.2);
( 68.6, 44.5, 0.0, 1.2);	( 67.2, 46.0, 0.0, 1.2);
( 65.8, 47.4, 0.0, 1.2);	( 64.3, 48.8, 0.0, 1.2);
( 62.9, 50.2, 0.0, 1.2);	( 50.2, 62.9, 0.0, 1.2);
( 48.8, 64.3, 0.0, 1.2);	( 47.4, 65.8, 0.0, 1.2);
( 46.0, 67.2, 0.0, 1.2);	( 44.5, 68.6, 0.0, 1.2);
( 42.4, 70.7, 0.0, 1.2);	( 38.9, 74.2, 0.0, 1.2);
( 35.4, 77.8, 0.0, 1.2);	( 28.3, 84.8, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 99.0, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 113.1, 0.0, 1.2);
( -7.1, 120.2, 0.0, 1.2);	( -14.1, 127.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

15NCRA\_PL97-300\_DPM\_TRAV\_ANN NE-SW Bound  
(METERS)

( 120.2,	-21.2,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	7.1,	0.0,	1.2);	( 84.8,	14.1,	0.0,	1.2);
( 77.8,	21.2,	0.0,	1.2);	( 70.7,	28.3,	0.0,	1.2);
( 67.2,	31.8,	0.0,	1.2);	( 63.6,	35.4,	0.0,	1.2);
( 61.5,	37.5,	0.0,	1.2);	( 60.1,	38.9,	0.0,	1.2);
( 58.7,	40.3,	0.0,	1.2);	( 57.3,	41.7,	0.0,	1.2);
( 55.9,	43.1,	0.0,	1.2);	( 43.1,	55.9,	0.0,	1.2);
( 41.7,	57.3,	0.0,	1.2);	( 40.3,	58.7,	0.0,	1.2);
( 38.9,	60.1,	0.0,	1.2);	( 37.5,	61.5,	0.0,	1.2);
( 35.4,	63.6,	0.0,	1.2);	( 31.8,	67.2,	0.0,	1.2);
( 28.3,	70.7,	0.0,	1.2);	( 21.2,	77.8,	0.0,	1.2);
( 14.1,	84.8,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	99.0,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	113.1,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-21.2,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	7.1,	0.0,	1.2);
( 70.7,	14.1,	0.0,	1.2);	( 63.6,	21.2,	0.0,	1.2);
( 60.1,	24.8,	0.0,	1.2);	( 56.6,	28.3,	0.0,	1.2);
( 54.5,	30.4,	0.0,	1.2);	( 53.0,	31.8,	0.0,	1.2);
( 51.6,	33.2,	0.0,	1.2);	( 50.2,	34.7,	0.0,	1.2);
( 48.8,	36.1,	0.0,	1.2);	( 36.1,	48.8,	0.0,	1.2);
( 34.7,	50.2,	0.0,	1.2);	( 33.2,	51.6,	0.0,	1.2);
( 31.8,	53.0,	0.0,	1.2);	( 30.4,	54.5,	0.0,	1.2);
( 28.3,	56.6,	0.0,	1.2);	( 24.8,	60.1,	0.0,	1.2);
( 21.2,	63.6,	0.0,	1.2);	( 14.1,	70.7,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	84.8,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	99.0,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	113.1,	0.0,	1.2);
( 106.1,	-35.4,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-21.2,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-7.1,	0.0,	1.2);	( 70.7,	0.0,	0.0,	1.2);
( 63.6,	7.1,	0.0,	1.2);	( 56.6,	14.1,	0.0,	1.2);
( 53.0,	17.7,	0.0,	1.2);	( 49.5,	21.2,	0.0,	1.2);
( 47.4,	23.3,	0.0,	1.2);	( 46.0,	24.8,	0.0,	1.2);
( 44.5,	26.2,	0.0,	1.2);	( 43.1,	27.6,	0.0,	1.2);
( 41.7,	29.0,	0.0,	1.2);	( 29.0,	41.7,	0.0,	1.2);
( 27.6,	43.1,	0.0,	1.2);	( 26.2,	44.5,	0.0,	1.2);
( 24.8,	46.0,	0.0,	1.2);	( 23.3,	47.4,	0.0,	1.2);
( 21.2,	49.5,	0.0,	1.2);	( 17.7,	53.0,	0.0,	1.2);
( 14.1,	56.6,	0.0,	1.2);	( 7.1,	63.6,	0.0,	1.2);
( 0.0,	70.7,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -14.1, 84.8, 0.0, 1.2); ( -21.2, 91.9, 0.0, 1.2);  
( -28.3, 99.0, 0.0, 1.2); ( -35.4, 106.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 99.0, -42.4, 0.0, 1.2); ( 91.9, -35.4, 0.0, 1.2);  
( 84.8, -28.3, 0.0, 1.2); ( 77.8, -21.2, 0.0, 1.2);  
( 70.7, -14.1, 0.0, 1.2); ( 63.6, -7.1, 0.0, 1.2);  
( 56.6, 0.0, 0.0, 1.2); ( 49.5, 7.1, 0.0, 1.2);  
( 46.0, 10.6, 0.0, 1.2); ( 42.4, 14.1, 0.0, 1.2);  
( 40.3, 16.3, 0.0, 1.2); ( 38.9, 17.7, 0.0, 1.2);  
( 37.5, 19.1, 0.0, 1.2); ( 36.1, 20.5, 0.0, 1.2);  
( 34.7, 21.9, 0.0, 1.2); ( 21.9, 34.7, 0.0, 1.2);  
( 20.5, 36.1, 0.0, 1.2); ( 19.1, 37.5, 0.0, 1.2);  
( 17.7, 38.9, 0.0, 1.2); ( 16.3, 40.3, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 10.6, 46.0, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 56.6, 0.0, 1.2);  
( -7.1, 63.6, 0.0, 1.2); ( -14.1, 70.7, 0.0, 1.2);  
( -21.2, 77.8, 0.0, 1.2); ( -28.3, 84.8, 0.0, 1.2);  
( -35.4, 91.9, 0.0, 1.2); ( -42.4, 99.0, 0.0, 1.2);  
( 91.9, -49.5, 0.0, 1.2); ( 84.8, -42.4, 0.0, 1.2);  
( 77.8, -35.4, 0.0, 1.2); ( 70.7, -28.3, 0.0, 1.2);  
( 63.6, -21.2, 0.0, 1.2); ( 56.6, -14.1, 0.0, 1.2);  
( 49.5, -7.1, 0.0, 1.2); ( 42.4, 0.0, 0.0, 1.2);  
( 38.9, 3.5, 0.0, 1.2); ( 35.4, 7.1, 0.0, 1.2);  
( 33.2, 9.2, 0.0, 1.2); ( 31.8, 10.6, 0.0, 1.2);  
( 30.4, 12.0, 0.0, 1.2); ( 29.0, 13.4, 0.0, 1.2);  
( 27.6, 14.9, 0.0, 1.2); ( 14.9, 27.6, 0.0, 1.2);  
( 13.4, 29.0, 0.0, 1.2); ( 12.0, 30.4, 0.0, 1.2);  
( 10.6, 31.8, 0.0, 1.2); ( 9.2, 33.2, 0.0, 1.2);  
( 7.1, 35.4, 0.0, 1.2); ( 3.5, 38.9, 0.0, 1.2);  
( 0.0, 42.4, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -14.1, 56.6, 0.0, 1.2); ( -21.2, 63.6, 0.0, 1.2);  
( -28.3, 70.7, 0.0, 1.2); ( -35.4, 77.8, 0.0, 1.2);  
( -42.4, 84.8, 0.0, 1.2); ( -49.5, 91.9, 0.0, 1.2);  
( 84.8, -56.6, 0.0, 1.2); ( 77.8, -49.5, 0.0, 1.2);  
( 70.7, -42.4, 0.0, 1.2); ( 63.6, -35.4, 0.0, 1.2);  
( 56.6, -28.3, 0.0, 1.2); ( 49.5, -21.2, 0.0, 1.2);  
( 42.4, -14.1, 0.0, 1.2); ( 35.4, -7.1, 0.0, 1.2);  
( 31.8, -3.5, 0.0, 1.2); ( 28.3, 0.0, 0.0, 1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( 26.2,	2.1,	0.0,	1.2);	( 24.8,	3.5,	0.0,	1.2);
( 23.3,	4.9,	0.0,	1.2);	( 21.9,	6.4,	0.0,	1.2);
( 20.5,	7.8,	0.0,	1.2);	( 7.8,	20.5,	0.0,	1.2);
( 6.4,	21.9,	0.0,	1.2);	( 4.9,	23.3,	0.0,	1.2);
( 3.5,	24.8,	0.0,	1.2);	( 2.1,	26.2,	0.0,	1.2);
( 0.0,	28.3,	0.0,	1.2);	( -3.5,	31.8,	0.0,	1.2);
( -7.1,	35.4,	0.0,	1.2);	( -14.1,	42.4,	0.0,	1.2);
( -21.2,	49.5,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -35.4,	63.6,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -49.5,	77.8,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 77.8,	-63.6,	0.0,	1.2);	( 70.7,	-56.6,	0.0,	1.2);
( 63.6,	-49.5,	0.0,	1.2);	( 56.6,	-42.4,	0.0,	1.2);
( 49.5,	-35.4,	0.0,	1.2);	( 42.4,	-28.3,	0.0,	1.2);
( 35.4,	-21.2,	0.0,	1.2);	( 28.3,	-14.1,	0.0,	1.2);
( 24.8,	-10.6,	0.0,	1.2);	( 21.2,	-7.1,	0.0,	1.2);
( 19.1,	-4.9,	0.0,	1.2);	( 17.7,	-3.5,	0.0,	1.2);
( 16.3,	-2.1,	0.0,	1.2);	( 14.9,	-0.7,	0.0,	1.2);
( 13.4,	0.7,	0.0,	1.2);	( 0.7,	13.4,	0.0,	1.2);
( -0.7,	14.9,	0.0,	1.2);	( -2.1,	16.3,	0.0,	1.2);
( -3.5,	17.7,	0.0,	1.2);	( -4.9,	19.1,	0.0,	1.2);
( -7.1,	21.2,	0.0,	1.2);	( -10.6,	24.8,	0.0,	1.2);
( -14.1,	28.3,	0.0,	1.2);	( -21.2,	35.4,	0.0,	1.2);
( -28.3,	42.4,	0.0,	1.2);	( -35.4,	49.5,	0.0,	1.2);
( -42.4,	56.6,	0.0,	1.2);	( -49.5,	63.6,	0.0,	1.2);
( -56.6,	70.7,	0.0,	1.2);	( -63.6,	77.8,	0.0,	1.2);
( 70.7,	-70.7,	0.0,	1.2);	( 63.6,	-63.6,	0.0,	1.2);
( 56.6,	-56.6,	0.0,	1.2);	( 49.5,	-49.5,	0.0,	1.2);
( 42.4,	-42.4,	0.0,	1.2);	( 35.4,	-35.4,	0.0,	1.2);
( 28.3,	-28.3,	0.0,	1.2);	( 21.2,	-21.2,	0.0,	1.2);
( 17.7,	-17.7,	0.0,	1.2);	( 14.1,	-14.1,	0.0,	1.2);
( 12.0,	-12.0,	0.0,	1.2);	( 10.6,	-10.6,	0.0,	1.2);
( 9.2,	-9.2,	0.0,	1.2);	( 7.8,	-7.8,	0.0,	1.2);
( 6.4,	-6.4,	0.0,	1.2);	( -6.4,	6.4,	0.0,	1.2);
( -7.8,	7.8,	0.0,	1.2);	( -9.2,	9.2,	0.0,	1.2);
( -10.6,	10.6,	0.0,	1.2);	( -12.0,	12.0,	0.0,	1.2);
( -14.1,	14.1,	0.0,	1.2);	( -17.7,	17.7,	0.0,	1.2);
( -21.2,	21.2,	0.0,	1.2);	( -28.3,	28.3,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -35.4, 35.4, 0.0, 1.2);	( -42.4, 42.4, 0.0, 1.2);
( -49.5, 49.5, 0.0, 1.2);	( -56.6, 56.6, 0.0, 1.2);
( -63.6, 63.6, 0.0, 1.2);	( -70.7, 70.7, 0.0, 1.2);
( 63.6, -77.8, 0.0, 1.2);	( 56.6, -70.7, 0.0, 1.2);
( 49.5, -63.6, 0.0, 1.2);	( 42.4, -56.6, 0.0, 1.2);
( 35.4, -49.5, 0.0, 1.2);	( 28.3, -42.4, 0.0, 1.2);
( 21.2, -35.4, 0.0, 1.2);	( 14.1, -28.3, 0.0, 1.2);
( 10.6, -24.8, 0.0, 1.2);	( 7.1, -21.2, 0.0, 1.2);
( 4.9, -19.1, 0.0, 1.2);	( 3.5, -17.7, 0.0, 1.2);
( 2.1, -16.3, 0.0, 1.2);	( 0.7, -14.9, 0.0, 1.2);
( -0.7, -13.4, 0.0, 1.2);	( -13.4, -0.7, 0.0, 1.2);
( -14.9, 0.7, 0.0, 1.2);	( -16.3, 2.1, 0.0, 1.2);
( -17.7, 3.5, 0.0, 1.2);	( -19.1, 4.9, 0.0, 1.2);
( -21.2, 7.1, 0.0, 1.2);	( -24.8, 10.6, 0.0, 1.2);
( -28.3, 14.1, 0.0, 1.2);	( -35.4, 21.2, 0.0, 1.2);
( -42.4, 28.3, 0.0, 1.2);	( -49.5, 35.4, 0.0, 1.2);
( -56.6, 42.4, 0.0, 1.2);	( -63.6, 49.5, 0.0, 1.2);
( -70.7, 56.6, 0.0, 1.2);	( -77.8, 63.6, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 56.6, -84.8, 0.0, 1.2);	( 49.5, -77.8, 0.0, 1.2);
( 42.4, -70.7, 0.0, 1.2);	( 35.4, -63.6, 0.0, 1.2);
( 28.3, -56.6, 0.0, 1.2);	( 21.2, -49.5, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 7.1, -35.4, 0.0, 1.2);
( 3.5, -31.8, 0.0, 1.2);	( 0.0, -28.3, 0.0, 1.2);
( -2.1, -26.2, 0.0, 1.2);	( -3.5, -24.8, 0.0, 1.2);
( -4.9, -23.3, 0.0, 1.2);	( -6.4, -21.9, 0.0, 1.2);
( -7.8, -20.5, 0.0, 1.2);	( -20.5, -7.8, 0.0, 1.2);
( -21.9, -6.4, 0.0, 1.2);	( -23.3, -4.9, 0.0, 1.2);
( -24.8, -3.5, 0.0, 1.2);	( -26.2, -2.1, 0.0, 1.2);
( -28.3, 0.0, 0.0, 1.2);	( -31.8, 3.5, 0.0, 1.2);
( -35.4, 7.1, 0.0, 1.2);	( -42.4, 14.1, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -56.6, 28.3, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -70.7, 42.4, 0.0, 1.2);
( -77.8, 49.5, 0.0, 1.2);	( -84.8, 56.6, 0.0, 1.2);
( 49.5, -91.9, 0.0, 1.2);	( 42.4, -84.8, 0.0, 1.2);
( 35.4, -77.8, 0.0, 1.2);	( 28.3, -70.7, 0.0, 1.2);
( 21.2, -63.6, 0.0, 1.2);	( 14.1, -56.6, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -42.4, 0.0, 1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -3.5, -38.9, 0.0, 1.2); ( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2); ( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2); ( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2); ( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2); ( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2); ( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2); ( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2); ( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2); ( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2); ( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2); ( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2); ( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2); ( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2); ( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2); ( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2); ( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2); ( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2); ( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2); ( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2); ( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2); ( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2); ( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2); ( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2); ( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2); ( -99.0, 42.4, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

```
( 35.4, -106.1, 0.0, 1.2); ( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2); ( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2); ( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2); ( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2); ( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2); ( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2); ( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2); ( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2); ( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2); ( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2); ( -53.0, -17.7, 0.0, 1.2);
```



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -56.6,	-14.1,	0.0,	1.2);	( -63.6,	-7.1,	0.0,	1.2);
( -70.7,	0.0,	0.0,	1.2);	( -77.8,	7.1,	0.0,	1.2);
( -84.8,	14.1,	0.0,	1.2);	( -91.9,	21.2,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	35.4,	0.0,	1.2);
( 28.3,	-113.1,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-99.0,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-84.8,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-70.7,	0.0,	1.2);	( -21.2,	-63.6,	0.0,	1.2);
( -24.8,	-60.1,	0.0,	1.2);	( -28.3,	-56.6,	0.0,	1.2);
( -30.4,	-54.5,	0.0,	1.2);	( -31.8,	-53.0,	0.0,	1.2);
( -33.2,	-51.6,	0.0,	1.2);	( -34.7,	-50.2,	0.0,	1.2);
( -36.1,	-48.8,	0.0,	1.2);	( -48.8,	-36.1,	0.0,	1.2);
( -50.2,	-34.7,	0.0,	1.2);	( -51.6,	-33.2,	0.0,	1.2);
( -53.0,	-31.8,	0.0,	1.2);	( -54.5,	-30.4,	0.0,	1.2);
( -56.6,	-28.3,	0.0,	1.2);	( -60.1,	-24.8,	0.0,	1.2);
( -63.6,	-21.2,	0.0,	1.2);	( -70.7,	-14.1,	0.0,	1.2);
( -77.8,	-7.1,	0.0,	1.2);	( -84.8,	0.0,	0.0,	1.2);
( -91.9,	7.1,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	21.2,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-113.1,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-99.0,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-84.8,	0.0,	1.2);
( -21.2,	-77.8,	0.0,	1.2);	( -28.3,	-70.7,	0.0,	1.2);
( -31.8,	-67.2,	0.0,	1.2);	( -35.4,	-63.6,	0.0,	1.2);
( -37.5,	-61.5,	0.0,	1.2);	( -38.9,	-60.1,	0.0,	1.2);
( -40.3,	-58.7,	0.0,	1.2);	( -41.7,	-57.3,	0.0,	1.2);
( -43.1,	-55.9,	0.0,	1.2);	( -55.9,	-43.1,	0.0,	1.2);
( -57.3,	-41.7,	0.0,	1.2);	( -58.7,	-40.3,	0.0,	1.2);
( -60.1,	-38.9,	0.0,	1.2);	( -61.5,	-37.5,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -67.2,	-31.8,	0.0,	1.2);
( -70.7,	-28.3,	0.0,	1.2);	( -77.8,	-21.2,	0.0,	1.2);
( -84.8,	-14.1,	0.0,	1.2);	( -91.9,	-7.1,	0.0,	1.2);
( -99.0,	0.0,	0.0,	1.2);	( -106.1,	7.1,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 14.1,	-127.3,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-113.1,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-99.0,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -28.3,	-84.8,	0.0,	1.2);	( -35.4,	-77.8,	0.0,	1.2);
( -38.9,	-74.2,	0.0,	1.2);	( -42.4,	-70.7,	0.0,	1.2);
( -44.5,	-68.6,	0.0,	1.2);	( -46.0,	-67.2,	0.0,	1.2);
( -47.4,	-65.8,	0.0,	1.2);	( -48.8,	-64.3,	0.0,	1.2);
( -50.2,	-62.9,	0.0,	1.2);	( -62.9,	-50.2,	0.0,	1.2);
( -64.3,	-48.8,	0.0,	1.2);	( -65.8,	-47.4,	0.0,	1.2);
( -67.2,	-46.0,	0.0,	1.2);	( -68.6,	-44.5,	0.0,	1.2);
( -70.7,	-42.4,	0.0,	1.2);	( -74.2,	-38.9,	0.0,	1.2);
( -77.8,	-35.4,	0.0,	1.2);	( -84.8,	-28.3,	0.0,	1.2);
( -91.9,	-21.2,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	7.1,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-127.3,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-113.1,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-99.0,	0.0,	1.2);
( -35.4,	-91.9,	0.0,	1.2);	( -42.4,	-84.8,	0.0,	1.2);
( -46.0,	-81.3,	0.0,	1.2);	( -49.5,	-77.8,	0.0,	1.2);
( -51.6,	-75.7,	0.0,	1.2);	( -53.0,	-74.2,	0.0,	1.2);
( -54.5,	-72.8,	0.0,	1.2);	( -55.9,	-71.4,	0.0,	1.2);
( -57.3,	-70.0,	0.0,	1.2);	( -70.0,	-57.3,	0.0,	1.2);
( -71.4,	-55.9,	0.0,	1.2);	( -72.8,	-54.5,	0.0,	1.2);
( -74.2,	-53.0,	0.0,	1.2);	( -75.7,	-51.6,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -81.3,	-46.0,	0.0,	1.2);
( -84.8,	-42.4,	0.0,	1.2);	( -91.9,	-35.4,	0.0,	1.2);
( -99.0,	-28.3,	0.0,	1.2);	( -106.1,	-21.2,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	7.1,	0.0,	1.2);
( 0.0,	-141.4,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( -14.1,	-127.3,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);
( -28.3,	-113.1,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( -42.4,	-99.0,	0.0,	1.2);	( -49.5,	-91.9,	0.0,	1.2);
( -53.0,	-88.4,	0.0,	1.2);	( -56.6,	-84.8,	0.0,	1.2);
( -58.7,	-82.7,	0.0,	1.2);	( -60.1,	-81.3,	0.0,	1.2);
( -61.5,	-79.9,	0.0,	1.2);	( -62.9,	-78.5,	0.0,	1.2);
( -64.3,	-77.1,	0.0,	1.2);	( -77.1,	-64.3,	0.0,	1.2);
( -78.5,	-62.9,	0.0,	1.2);	( -79.9,	-61.5,	0.0,	1.2);
( -81.3,	-60.1,	0.0,	1.2);	( -82.7,	-58.7,	0.0,	1.2);
( -84.8,	-56.6,	0.0,	1.2);	( -88.4,	-53.0,	0.0,	1.2);
( -91.9,	-49.5,	0.0,	1.2);	( -99.0,	-42.4,	0.0,	1.2);
( -106.1,	-35.4,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( -120.2,	-21.2,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);
( -134.4,	-7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -7.1, -148.5, 0.0, 1.2);	( -14.1, -141.4, 0.0, 1.2);
( -21.2, -134.4, 0.0, 1.2);	( -28.3, -127.3, 0.0, 1.2);
( -35.4, -120.2, 0.0, 1.2);	( -42.4, -113.1, 0.0, 1.2);
( -49.5, -106.1, 0.0, 1.2);	( -56.6, -99.0, 0.0, 1.2);
( -60.1, -95.5, 0.0, 1.2);	( -63.6, -91.9, 0.0, 1.2);
( -65.8, -89.8, 0.0, 1.2);	( -67.2, -88.4, 0.0, 1.2);
( -68.6, -87.0, 0.0, 1.2);	( -70.0, -85.6, 0.0, 1.2);
( -71.4, -84.2, 0.0, 1.2);	( -84.2, -71.4, 0.0, 1.2);
( -85.6, -70.0, 0.0, 1.2);	( -87.0, -68.6, 0.0, 1.2);
( -88.4, -67.2, 0.0, 1.2);	( -89.8, -65.8, 0.0, 1.2);
( -91.9, -63.6, 0.0, 1.2);	( -95.5, -60.1, 0.0, 1.2);
( -99.0, -56.6, 0.0, 1.2);	( -106.1, -49.5, 0.0, 1.2);
( -113.1, -42.4, 0.0, 1.2);	( -120.2, -35.4, 0.0, 1.2);
( -127.3, -28.3, 0.0, 1.2);	( -134.4, -21.2, 0.0, 1.2);
( -141.4, -14.1, 0.0, 1.2);	( -148.5, -7.1, 0.0, 1.2);
( -14.1, -155.6, 0.0, 1.2);	( -21.2, -148.5, 0.0, 1.2);
( -28.3, -141.4, 0.0, 1.2);	( -35.4, -134.4, 0.0, 1.2);
( -42.4, -127.3, 0.0, 1.2);	( -49.5, -120.2, 0.0, 1.2);
( -56.6, -113.1, 0.0, 1.2);	( -63.6, -106.1, 0.0, 1.2);
( -67.2, -102.5, 0.0, 1.2);	( -70.7, -99.0, 0.0, 1.2);
( -72.8, -96.9, 0.0, 1.2);	( -74.2, -95.5, 0.0, 1.2);
( -75.7, -94.1, 0.0, 1.2);	( -77.1, -92.6, 0.0, 1.2);
( -78.5, -91.2, 0.0, 1.2);	( -91.2, -78.5, 0.0, 1.2);
( -92.6, -77.1, 0.0, 1.2);	( -94.1, -75.7, 0.0, 1.2);
( -95.5, -74.2, 0.0, 1.2);	( -96.9, -72.8, 0.0, 1.2);
( -99.0, -70.7, 0.0, 1.2);	( -102.5, -67.2, 0.0, 1.2);
( -106.1, -63.6, 0.0, 1.2);	( -113.1, -56.6, 0.0, 1.2);
( -120.2, -49.5, 0.0, 1.2);	( -127.3, -42.4, 0.0, 1.2);
( -134.4, -35.4, 0.0, 1.2);	( -141.4, -28.3, 0.0, 1.2);
( -148.5, -21.2, 0.0, 1.2);	( -155.6, -14.1, 0.0, 1.2);
( -21.2, -162.6, 0.0, 1.2);	( -28.3, -155.6, 0.0, 1.2);
( -35.4, -148.5, 0.0, 1.2);	( -42.4, -141.4, 0.0, 1.2);
( -49.5, -134.4, 0.0, 1.2);	( -56.6, -127.3, 0.0, 1.2);
( -63.6, -120.2, 0.0, 1.2);	( -70.7, -113.1, 0.0, 1.2);
( -74.2, -109.6, 0.0, 1.2);	( -77.8, -106.1, 0.0, 1.2);
( -79.9, -103.9, 0.0, 1.2);	( -81.3, -102.5, 0.0, 1.2);
( -82.7, -101.1, 0.0, 1.2);	( -84.2, -99.7, 0.0, 1.2);
( -85.6, -98.3, 0.0, 1.2);	( -98.3, -85.6, 0.0, 1.2);
( -99.7, -84.2, 0.0, 1.2);	( -101.1, -82.7, 0.0, 1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -102.5,	-81.3,	0.0,	1.2);	( -103.9,	-79.9,	0.0,	1.2);
( -106.1,	-77.8,	0.0,	1.2);	( -109.6,	-74.2,	0.0,	1.2);
( -113.1,	-70.7,	0.0,	1.2);	( -120.2,	-63.6,	0.0,	1.2);
( -127.3,	-56.6,	0.0,	1.2);	( -134.4,	-49.5,	0.0,	1.2);
( -141.4,	-42.4,	0.0,	1.2);	( -148.5,	-35.4,	0.0,	1.2);
( -155.6,	-28.3,	0.0,	1.2);	( -162.6,	-21.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -28.3,	-169.7,	0.0,	1.2);	( -35.4,	-162.6,	0.0,	1.2);
( -42.4,	-155.6,	0.0,	1.2);	( -49.5,	-148.5,	0.0,	1.2);
( -56.6,	-141.4,	0.0,	1.2);	( -63.6,	-134.4,	0.0,	1.2);
( -70.7,	-127.3,	0.0,	1.2);	( -77.8,	-120.2,	0.0,	1.2);
( -81.3,	-116.7,	0.0,	1.2);	( -84.8,	-113.1,	0.0,	1.2);
( -87.0,	-111.0,	0.0,	1.2);	( -88.4,	-109.6,	0.0,	1.2);
( -89.8,	-108.2,	0.0,	1.2);	( -91.2,	-106.8,	0.0,	1.2);
( -92.6,	-105.4,	0.0,	1.2);	( -105.4,	-92.6,	0.0,	1.2);
( -106.8,	-91.2,	0.0,	1.2);	( -108.2,	-89.8,	0.0,	1.2);
( -109.6,	-88.4,	0.0,	1.2);	( -111.0,	-87.0,	0.0,	1.2);
( -113.1,	-84.8,	0.0,	1.2);	( -116.7,	-81.3,	0.0,	1.2);
( -120.2,	-77.8,	0.0,	1.2);	( -127.3,	-70.7,	0.0,	1.2);
( -134.4,	-63.6,	0.0,	1.2);	( -141.4,	-56.6,	0.0,	1.2);
( -148.5,	-49.5,	0.0,	1.2);	( -155.6,	-42.4,	0.0,	1.2);
( -162.6,	-35.4,	0.0,	1.2);	( -169.7,	-28.3,	0.0,	1.2);
( -35.4,	-176.8,	0.0,	1.2);	( -42.4,	-169.7,	0.0,	1.2);
( -49.5,	-162.6,	0.0,	1.2);	( -56.6,	-155.6,	0.0,	1.2);
( -63.6,	-148.5,	0.0,	1.2);	( -70.7,	-141.4,	0.0,	1.2);
( -77.8,	-134.4,	0.0,	1.2);	( -84.8,	-127.3,	0.0,	1.2);
( -88.4,	-123.7,	0.0,	1.2);	( -91.9,	-120.2,	0.0,	1.2);
( -94.1,	-118.1,	0.0,	1.2);	( -95.5,	-116.7,	0.0,	1.2);
( -96.9,	-115.3,	0.0,	1.2);	( -98.3,	-113.8,	0.0,	1.2);
( -99.7,	-112.4,	0.0,	1.2);	( -112.4,	-99.7,	0.0,	1.2);
( -113.8,	-98.3,	0.0,	1.2);	( -115.3,	-96.9,	0.0,	1.2);
( -116.7,	-95.5,	0.0,	1.2);	( -118.1,	-94.1,	0.0,	1.2);
( -120.2,	-91.9,	0.0,	1.2);	( -123.7,	-88.4,	0.0,	1.2);
( -127.3,	-84.8,	0.0,	1.2);	( -134.4,	-77.8,	0.0,	1.2);
( -141.4,	-70.7,	0.0,	1.2);	( -148.5,	-63.6,	0.0,	1.2);
( -155.6,	-56.6,	0.0,	1.2);	( -162.6,	-49.5,	0.0,	1.2);
( -169.7,	-42.4,	0.0,	1.2);	( -176.8,	-35.4,	0.0,	1.2);
( -42.4,	-183.9,	0.0,	1.2);	( -49.5,	-176.8,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

```
( -56.6, -169.7, 0.0, 1.2); ( -63.6, -162.6, 0.0, 1.2);
( -70.7, -155.6, 0.0, 1.2); ( -77.8, -148.5, 0.0, 1.2);
( -84.8, -141.4, 0.0, 1.2); ( -91.9, -134.4, 0.0, 1.2);
( -95.5, -130.8, 0.0, 1.2); ( -99.0, -127.3, 0.0, 1.2);
( -101.1, -125.2, 0.0, 1.2); ( -102.5, -123.7, 0.0, 1.2);
( -103.9, -122.3, 0.0, 1.2); ( -105.4, -120.9, 0.0, 1.2);
( -106.8, -119.5, 0.0, 1.2); ( -119.5, -106.8, 0.0, 1.2);
( -120.9, -105.4, 0.0, 1.2); ( -122.3, -103.9, 0.0, 1.2);
( -123.7, -102.5, 0.0, 1.2); ( -125.2, -101.1, 0.0, 1.2);
( -127.3, -99.0, 0.0, 1.2); ( -130.8, -95.5, 0.0, 1.2);
( -134.4, -91.9, 0.0, 1.2); ( -141.4, -84.8, 0.0, 1.2);
( -148.5, -77.8, 0.0, 1.2); ( -155.6, -70.7, 0.0, 1.2);
( -162.6, -63.6, 0.0, 1.2); ( -169.7, -56.6, 0.0, 1.2);
( -176.8, -49.5, 0.0, 1.2); ( -183.9, -42.4, 0.0, 1.2);
```

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 18  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

```
( -49.5, -190.9, 0.0, 1.2); ( -56.6, -183.9, 0.0, 1.2);
( -63.6, -176.8, 0.0, 1.2); ( -70.7, -169.7, 0.0, 1.2);
( -77.8, -162.6, 0.0, 1.2); ( -84.8, -155.6, 0.0, 1.2);
( -91.9, -148.5, 0.0, 1.2); ( -99.0, -141.4, 0.0, 1.2);
( -102.5, -137.9, 0.0, 1.2); ( -106.1, -134.4, 0.0, 1.2);
( -108.2, -132.2, 0.0, 1.2); ( -109.6, -130.8, 0.0, 1.2);
( -111.0, -129.4, 0.0, 1.2); ( -112.4, -128.0, 0.0, 1.2);
( -113.8, -126.6, 0.0, 1.2); ( -126.6, -113.8, 0.0, 1.2);
( -128.0, -112.4, 0.0, 1.2); ( -129.4, -111.0, 0.0, 1.2);
( -130.8, -109.6, 0.0, 1.2); ( -132.2, -108.2, 0.0, 1.2);
( -134.4, -106.1, 0.0, 1.2); ( -137.9, -102.5, 0.0, 1.2);
( -141.4, -99.0, 0.0, 1.2); ( -148.5, -91.9, 0.0, 1.2);
( -155.6, -84.8, 0.0, 1.2); ( -162.6, -77.8, 0.0, 1.2);
( -169.7, -70.7, 0.0, 1.2); ( -176.8, -63.6, 0.0, 1.2);
( -183.9, -56.6, 0.0, 1.2); ( -190.9, -49.5, 0.0, 1.2);
( -56.6, -198.0, 0.0, 1.2); ( -63.6, -190.9, 0.0, 1.2);
( -70.7, -183.9, 0.0, 1.2); ( -77.8, -176.8, 0.0, 1.2);
( -84.8, -169.7, 0.0, 1.2); ( -91.9, -162.6, 0.0, 1.2);
( -99.0, -155.6, 0.0, 1.2); ( -106.1, -148.5, 0.0, 1.2);
( -109.6, -145.0, 0.0, 1.2); ( -113.1, -141.4, 0.0, 1.2);
( -115.3, -139.3, 0.0, 1.2); ( -116.7, -137.9, 0.0, 1.2);
( -118.1, -136.5, 0.0, 1.2); ( -119.5, -135.1, 0.0, 1.2);
( -120.9, -133.6, 0.0, 1.2); ( -133.6, -120.9, 0.0, 1.2);
```

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -135.1,	-119.5,	0.0,	1.2);	( -136.5,	-118.1,	0.0,	1.2);
( -137.9,	-116.7,	0.0,	1.2);	( -139.3,	-115.3,	0.0,	1.2);
( -141.4,	-113.1,	0.0,	1.2);	( -145.0,	-109.6,	0.0,	1.2);
( -148.5,	-106.1,	0.0,	1.2);	( -155.6,	-99.0,	0.0,	1.2);
( -162.6,	-91.9,	0.0,	1.2);	( -169.7,	-84.8,	0.0,	1.2);
( -176.8,	-77.8,	0.0,	1.2);	( -183.9,	-70.7,	0.0,	1.2);
( -190.9,	-63.6,	0.0,	1.2);	( -198.0,	-56.6,	0.0,	1.2);
( -63.6,	-205.1,	0.0,	1.2);	( -70.7,	-198.0,	0.0,	1.2);
( -77.8,	-190.9,	0.0,	1.2);	( -84.8,	-183.9,	0.0,	1.2);
( -91.9,	-176.8,	0.0,	1.2);	( -99.0,	-169.7,	0.0,	1.2);
( -106.1,	-162.6,	0.0,	1.2);	( -113.1,	-155.6,	0.0,	1.2);
( -116.7,	-152.0,	0.0,	1.2);	( -120.2,	-148.5,	0.0,	1.2);
( -122.3,	-146.4,	0.0,	1.2);	( -123.7,	-145.0,	0.0,	1.2);
( -125.2,	-143.5,	0.0,	1.2);	( -126.6,	-142.1,	0.0,	1.2);
( -128.0,	-140.7,	0.0,	1.2);	( -140.7,	-128.0,	0.0,	1.2);
( -142.1,	-126.6,	0.0,	1.2);	( -143.5,	-125.2,	0.0,	1.2);
( -145.0,	-123.7,	0.0,	1.2);	( -146.4,	-122.3,	0.0,	1.2);
( -148.5,	-120.2,	0.0,	1.2);	( -152.0,	-116.7,	0.0,	1.2);
( -155.6,	-113.1,	0.0,	1.2);	( -162.6,	-106.1,	0.0,	1.2);
( -169.7,	-99.0,	0.0,	1.2);	( -176.8,	-91.9,	0.0,	1.2);
( -183.9,	-84.8,	0.0,	1.2);	( -190.9,	-77.8,	0.0,	1.2);
( -198.0,	-70.7,	0.0,	1.2);	( -205.1,	-63.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -70.7,	-212.1,	0.0,	1.2);	( -77.8,	-205.1,	0.0,	1.2);
( -84.8,	-198.0,	0.0,	1.2);	( -91.9,	-190.9,	0.0,	1.2);
( -99.0,	-183.9,	0.0,	1.2);	( -106.1,	-176.8,	0.0,	1.2);
( -113.1,	-169.7,	0.0,	1.2);	( -120.2,	-162.6,	0.0,	1.2);
( -123.7,	-159.1,	0.0,	1.2);	( -127.3,	-155.6,	0.0,	1.2);
( -129.4,	-153.4,	0.0,	1.2);	( -130.8,	-152.0,	0.0,	1.2);
( -132.2,	-150.6,	0.0,	1.2);	( -133.6,	-149.2,	0.0,	1.2);
( -135.1,	-147.8,	0.0,	1.2);	( -147.8,	-135.1,	0.0,	1.2);
( -149.2,	-133.6,	0.0,	1.2);	( -150.6,	-132.2,	0.0,	1.2);
( -152.0,	-130.8,	0.0,	1.2);	( -153.4,	-129.4,	0.0,	1.2);
( -155.6,	-127.3,	0.0,	1.2);	( -159.1,	-123.7,	0.0,	1.2);
( -162.6,	-120.2,	0.0,	1.2);	( -169.7,	-113.1,	0.0,	1.2);
( -176.8,	-106.1,	0.0,	1.2);	( -183.9,	-99.0,	0.0,	1.2);
( -190.9,	-91.9,	0.0,	1.2);	( -198.0,	-84.8,	0.0,	1.2);
( -205.1,	-77.8,	0.0,	1.2);	( -212.1,	-70.7,	0.0,	1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -77.8, -219.2, 0.0, 1.2);	( -84.8, -212.1, 0.0, 1.2);
( -91.9, -205.1, 0.0, 1.2);	( -99.0, -198.0, 0.0, 1.2);
( -106.1, -190.9, 0.0, 1.2);	( -113.1, -183.9, 0.0, 1.2);
( -120.2, -176.8, 0.0, 1.2);	( -127.3, -169.7, 0.0, 1.2);
( -130.8, -166.2, 0.0, 1.2);	( -134.4, -162.6, 0.0, 1.2);
( -136.5, -160.5, 0.0, 1.2);	( -137.9, -159.1, 0.0, 1.2);
( -139.3, -157.7, 0.0, 1.2);	( -140.7, -156.3, 0.0, 1.2);
( -142.1, -154.9, 0.0, 1.2);	( -154.9, -142.1, 0.0, 1.2);
( -156.3, -140.7, 0.0, 1.2);	( -157.7, -139.3, 0.0, 1.2);
( -159.1, -137.9, 0.0, 1.2);	( -160.5, -136.5, 0.0, 1.2);
( -162.6, -134.4, 0.0, 1.2);	( -166.2, -130.8, 0.0, 1.2);
( -169.7, -127.3, 0.0, 1.2);	( -176.8, -120.2, 0.0, 1.2);
( -183.9, -113.1, 0.0, 1.2);	( -190.9, -106.1, 0.0, 1.2);
( -198.0, -99.0, 0.0, 1.2);	( -205.1, -91.9, 0.0, 1.2);
( -212.1, -84.8, 0.0, 1.2);	( -219.2, -77.8, 0.0, 1.2);
( -84.8, -226.3, 0.0, 1.2);	( -91.9, -219.2, 0.0, 1.2);
( -99.0, -212.1, 0.0, 1.2);	( -106.1, -205.1, 0.0, 1.2);
( -113.1, -198.0, 0.0, 1.2);	( -120.2, -190.9, 0.0, 1.2);
( -127.3, -183.9, 0.0, 1.2);	( -134.4, -176.8, 0.0, 1.2);
( -137.9, -173.2, 0.0, 1.2);	( -141.4, -169.7, 0.0, 1.2);
( -143.5, -167.6, 0.0, 1.2);	( -145.0, -166.2, 0.0, 1.2);
( -146.4, -164.8, 0.0, 1.2);	( -147.8, -163.3, 0.0, 1.2);
( -149.2, -161.9, 0.0, 1.2);	( -161.9, -149.2, 0.0, 1.2);
( -163.3, -147.8, 0.0, 1.2);	( -164.8, -146.4, 0.0, 1.2);
( -166.2, -145.0, 0.0, 1.2);	( -167.6, -143.5, 0.0, 1.2);
( -169.7, -141.4, 0.0, 1.2);	( -173.2, -137.9, 0.0, 1.2);
( -176.8, -134.4, 0.0, 1.2);	( -183.9, -127.3, 0.0, 1.2);
( -190.9, -120.2, 0.0, 1.2);	( -198.0, -113.1, 0.0, 1.2);
( -205.1, -106.1, 0.0, 1.2);	( -212.1, -99.0, 0.0, 1.2);
( -219.2, -91.9, 0.0, 1.2);	( -226.3, -84.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -91.9, -233.4, 0.0, 1.2);	( -99.0, -226.3, 0.0, 1.2);
( -106.1, -219.2, 0.0, 1.2);	( -113.1, -212.1, 0.0, 1.2);
( -120.2, -205.1, 0.0, 1.2);	( -127.3, -198.0, 0.0, 1.2);
( -134.4, -190.9, 0.0, 1.2);	( -141.4, -183.9, 0.0, 1.2);
( -145.0, -180.3, 0.0, 1.2);	( -148.5, -176.8, 0.0, 1.2);
( -150.6, -174.7, 0.0, 1.2);	( -152.0, -173.2, 0.0, 1.2);
( -153.4, -171.8, 0.0, 1.2);	( -154.9, -170.4, 0.0, 1.2);

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

( -156.3,	-169.0,	0.0,	1.2);	( -169.0,	-156.3,	0.0,	1.2);
( -170.4,	-154.9,	0.0,	1.2);	( -171.8,	-153.4,	0.0,	1.2);
( -173.2,	-152.0,	0.0,	1.2);	( -174.7,	-150.6,	0.0,	1.2);
( -176.8,	-148.5,	0.0,	1.2);	( -180.3,	-145.0,	0.0,	1.2);
( -183.9,	-141.4,	0.0,	1.2);	( -190.9,	-134.4,	0.0,	1.2);
( -198.0,	-127.3,	0.0,	1.2);	( -205.1,	-120.2,	0.0,	1.2);
( -212.1,	-113.1,	0.0,	1.2);	( -219.2,	-106.1,	0.0,	1.2);
( -226.3,	-99.0,	0.0,	1.2);	( -233.4,	-91.9,	0.0,	1.2);
( -99.0,	-240.4,	0.0,	1.2);	( -106.1,	-233.4,	0.0,	1.2);
( -113.1,	-226.3,	0.0,	1.2);	( -120.2,	-219.2,	0.0,	1.2);
( -127.3,	-212.1,	0.0,	1.2);	( -134.4,	-205.1,	0.0,	1.2);
( -141.4,	-198.0,	0.0,	1.2);	( -148.5,	-190.9,	0.0,	1.2);
( -152.0,	-187.4,	0.0,	1.2);	( -155.6,	-183.9,	0.0,	1.2);
( -157.7,	-181.7,	0.0,	1.2);	( -159.1,	-180.3,	0.0,	1.2);
( -160.5,	-178.9,	0.0,	1.2);	( -161.9,	-177.5,	0.0,	1.2);
( -163.3,	-176.1,	0.0,	1.2);	( -176.1,	-163.3,	0.0,	1.2);
( -177.5,	-161.9,	0.0,	1.2);	( -178.9,	-160.5,	0.0,	1.2);
( -180.3,	-159.1,	0.0,	1.2);	( -181.7,	-157.7,	0.0,	1.2);
( -183.9,	-155.6,	0.0,	1.2);	( -187.4,	-152.0,	0.0,	1.2);
( -190.9,	-148.5,	0.0,	1.2);	( -198.0,	-141.4,	0.0,	1.2);
( -205.1,	-134.4,	0.0,	1.2);	( -212.1,	-127.3,	0.0,	1.2);
( -219.2,	-120.2,	0.0,	1.2);	( -226.3,	-113.1,	0.0,	1.2);
( -233.4,	-106.1,	0.0,	1.2);	( -240.4,	-99.0,	0.0,	1.2);
( -106.1,	-247.5,	0.0,	1.2);	( -113.1,	-240.4,	0.0,	1.2);
( -120.2,	-233.4,	0.0,	1.2);	( -127.3,	-226.3,	0.0,	1.2);
( -134.4,	-219.2,	0.0,	1.2);	( -141.4,	-212.1,	0.0,	1.2);
( -148.5,	-205.1,	0.0,	1.2);	( -155.6,	-198.0,	0.0,	1.2);
( -159.1,	-194.4,	0.0,	1.2);	( -162.6,	-190.9,	0.0,	1.2);
( -164.8,	-188.8,	0.0,	1.2);	( -166.2,	-187.4,	0.0,	1.2);
( -167.6,	-186.0,	0.0,	1.2);	( -169.0,	-184.6,	0.0,	1.2);
( -170.4,	-183.1,	0.0,	1.2);	( -183.1,	-170.4,	0.0,	1.2);
( -184.6,	-169.0,	0.0,	1.2);	( -186.0,	-167.6,	0.0,	1.2);
( -187.4,	-166.2,	0.0,	1.2);	( -188.8,	-164.8,	0.0,	1.2);
( -190.9,	-162.6,	0.0,	1.2);	( -194.4,	-159.1,	0.0,	1.2);
( -198.0,	-155.6,	0.0,	1.2);	( -205.1,	-148.5,	0.0,	1.2);
( -212.1,	-141.4,	0.0,	1.2);	( -219.2,	-134.4,	0.0,	1.2);
( -226.3,	-127.3,	0.0,	1.2);	( -233.4,	-120.2,	0.0,	1.2);
( -240.4,	-113.1,	0.0,	1.2);	( -247.5,	-106.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)





15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00001	240.42	113.14	0.00001
233.35	120.21	0.00001	226.27	127.28	0.00001
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00001	233.35	106.07	0.00001
226.27	113.14	0.00001	219.20	120.21	0.00001

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

212.13	127.28	0.00001	205.06	134.35	0.00001
197.99	141.42	0.00001	190.92	148.49	0.00001
187.38	152.03	0.00001	183.85	155.56	0.00001
181.73	157.68	0.00001	180.31	159.10	0.00001
178.90	160.51	0.00001	177.48	161.93	0.00001
176.07	163.34	0.00001	163.34	176.07	0.00001
161.93	177.48	0.00001	160.51	178.90	0.00001
159.10	180.31	0.00001	157.68	181.73	0.00001
155.56	183.85	0.00001	152.03	187.38	0.00001
148.49	190.92	0.00001	141.42	197.99	0.00001
134.35	205.06	0.00001	127.28	212.13	0.00001
120.21	219.20	0.00001	113.14	226.27	0.00001
106.07	233.35	0.00001	98.99	240.42	0.00001
233.35	91.92	0.00001	226.27	98.99	0.00001
219.20	106.07	0.00001	212.13	113.14	0.00001
205.06	120.21	0.00001	197.99	127.28	0.00001
190.92	134.35	0.00001	183.85	141.42	0.00001
180.31	144.96	0.00001	176.78	148.49	0.00001
174.66	150.61	0.00001	173.24	152.03	0.00001
171.83	153.44	0.00001	170.41	154.86	0.00001
169.00	156.27	0.00001	156.27	169.00	0.00001
154.86	170.41	0.00001	153.44	171.83	0.00001
152.03	173.24	0.00001	150.61	174.66	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00001	144.96	180.31	0.00001
141.42	183.85	0.00001	134.35	190.92	0.00001
127.28	197.99	0.00001	120.21	205.06	0.00001
113.14	212.13	0.00001	106.07	219.20	0.00001
99.00	226.27	0.00001	91.92	233.35	0.00001
226.27	84.85	0.00001	219.20	91.92	0.00001
212.13	98.99	0.00001	205.06	106.07	0.00001
197.99	113.14	0.00001	190.92	120.21	0.00001
183.85	127.28	0.00001	176.78	134.35	0.00001
173.24	137.89	0.00001	169.71	141.42	0.00001
167.58	143.54	0.00001	166.17	144.96	0.00001

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

164.76	146.37	0.00001	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00001	197.99	98.99	0.00001
190.92	106.07	0.00001	183.85	113.14	0.00001
176.78	120.21	0.00001	169.71	127.28	0.00001
166.17	130.81	0.00001	162.63	134.35	0.00001
160.51	136.47	0.00001	159.10	137.89	0.00001
157.68	139.30	0.00001	156.27	140.71	0.00001
154.86	142.13	0.00001	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00001
134.35	162.63	0.00001	130.81	166.17	0.00001
127.28	169.71	0.00001	120.21	176.78	0.00001
113.14	183.85	0.00001	106.07	190.92	0.00001
99.00	197.99	0.00001	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00001
169.71	113.14	0.00001	162.63	120.21	0.00001
159.10	123.74	0.00001	155.56	127.28	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00001	152.03	130.81	0.00001
150.61	132.23	0.00001	149.20	133.64	0.00001
147.79	135.06	0.00001	135.06	147.79	0.00001
133.64	149.20	0.00001	132.23	150.61	0.00001
130.81	152.03	0.00001	129.40	153.44	0.00001

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	155.56	0.00001	123.74	159.10	0.00001
120.21	162.63	0.00001	113.14	169.71	0.00001
106.07	176.78	0.00001	98.99	183.85	0.00001
91.92	190.92	0.00001	84.85	197.99	0.00001
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00001
152.03	116.67	0.00001	148.49	120.21	0.00001
146.37	122.33	0.00001	144.96	123.74	0.00001
143.54	125.16	0.00001	142.13	126.57	0.00001
140.71	127.99	0.00001	127.99	140.71	0.00001
126.57	142.13	0.00001	125.16	143.54	0.00001
123.74	144.96	0.00001	122.33	146.37	0.00001
120.21	148.49	0.00001	116.67	152.03	0.00001
113.14	155.56	0.00001	106.07	162.63	0.00001
98.99	169.71	0.00001	91.92	176.78	0.00001
84.85	183.85	0.00001	77.78	190.92	0.00001
70.71	197.99	0.00001	63.64	205.06	0.00001
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00001	135.06	119.50	0.00001
133.64	120.92	0.00001	120.92	133.64	0.00001
119.50	135.06	0.00001	118.09	136.47	0.00001
116.67	137.89	0.00001	115.26	139.30	0.00001
113.14	141.42	0.00001	109.60	144.96	0.00001
106.07	148.49	0.00001	98.99	155.56	0.00001
91.92	162.63	0.00001	84.85	169.71	0.00001
77.78	176.78	0.00001	70.71	183.85	0.00001
63.64	190.92	0.00001	56.57	197.99	0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*  
 15:03:43  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00002	183.85	56.57	0.00002
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00001
84.85	155.56	0.00001	77.78	162.63	0.00001
70.71	169.71	0.00001	63.64	176.78	0.00001
56.57	183.85	0.00001	49.50	190.92	0.00001
183.85	42.43	0.00002	176.78	49.50	0.00002
169.71	56.57	0.00002	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00001
63.64	162.63	0.00001	56.57	169.71	0.00001
49.50	176.78	0.00001	42.43	183.85	0.00001
176.78	35.36	0.00002	169.71	42.43	0.00002
162.63	49.50	0.00002	155.56	56.57	0.00002
148.49	63.64	0.00002	141.42	70.71	0.00002
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00001	49.50	162.63	0.00001
42.43	169.71	0.00001	35.36	176.78	0.00001
169.71	28.28	0.00002	162.63	35.36	0.00002
155.56	42.43	0.00002	148.49	49.50	0.00002
141.42	56.57	0.00002	134.35	63.64	0.00002
127.28	70.71	0.00002	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00001
35.36	162.63	0.00001	28.28	169.71	0.00001
162.63	21.21	0.00003	155.56	28.28	0.00002
148.49	35.36	0.00002	141.42	42.43	0.00002
134.35	49.50	0.00002	127.28	56.57	0.00002
120.21	63.64	0.00002	113.14	70.71	0.00002
109.60	74.25	0.00002	106.07	77.78	0.00002
103.94	79.90	0.00002	102.53	81.32	0.00002
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00001	21.21	162.63	0.00001
155.56	14.14	0.00003	148.49	21.21	0.00003
141.42	28.28	0.00003	134.35	35.36	0.00003

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	42.43	0.00002	120.21	49.50	0.00002
113.14	56.57	0.00002	106.07	63.64	0.00002
102.53	67.18	0.00002	98.99	70.71	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00002	95.46	74.25	0.00002
94.05	75.66	0.00002	92.63	77.07	0.00002
91.22	78.49	0.00002	78.49	91.22	0.00002
77.07	92.63	0.00002	75.66	94.05	0.00002
74.25	95.46	0.00002	72.83	96.87	0.00002
70.71	98.99	0.00002	67.18	102.53	0.00002
63.64	106.07	0.00002	56.57	113.14	0.00002
49.50	120.21	0.00002	42.43	127.28	0.00002
35.36	134.35	0.00002	28.28	141.42	0.00002
21.21	148.49	0.00002	14.14	155.56	0.00002
148.49	7.07	0.00003	141.42	14.14	0.00003
134.35	21.21	0.00003	127.28	28.28	0.00003
120.21	35.36	0.00003	113.14	42.43	0.00003
106.07	49.50	0.00003	98.99	56.57	0.00002
95.46	60.10	0.00002	91.92	63.64	0.00002
89.80	65.76	0.00002	88.39	67.18	0.00002
86.97	68.59	0.00002	85.56	70.00	0.00002
84.15	71.42	0.00002	71.42	84.15	0.00002
70.00	85.56	0.00002	68.59	86.97	0.00002
67.18	88.39	0.00002	65.76	89.80	0.00002
63.64	91.92	0.00002	60.10	95.46	0.00002
56.57	98.99	0.00002	49.50	106.07	0.00002
42.43	113.14	0.00002	35.36	120.21	0.00002
28.28	127.28	0.00002	21.21	134.35	0.00002
14.14	141.42	0.00002	7.07	148.49	0.00002
141.42	0.00	0.00003	134.35	7.07	0.00003
127.28	14.14	0.00003	120.21	21.21	0.00003
113.14	28.28	0.00003	106.07	35.36	0.00003
98.99	42.43	0.00003	91.92	49.50	0.00003
88.39	53.03	0.00003	84.85	56.57	0.00003
82.73	58.69	0.00002	81.32	60.10	0.00002



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

79.90	61.52	0.00002	78.49	62.93	0.00002
77.07	64.35	0.00002	64.35	77.07	0.00002
62.93	78.49	0.00002	61.52	79.90	0.00002
60.10	81.32	0.00002	58.69	82.73	0.00002
56.57	84.85	0.00002	53.03	88.39	0.00002
49.50	91.92	0.00002	42.43	98.99	0.00002
35.36	106.07	0.00002	28.28	113.14	0.00002
21.21	120.21	0.00002	14.14	127.28	0.00002
7.07	134.35	0.00002	0.00	141.42	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00003	127.28	0.00	0.00003
120.21	7.07	0.00003	113.14	14.14	0.00003
106.07	21.21	0.00003	98.99	28.28	0.00003
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00002
42.43	84.85	0.00002	35.36	91.92	0.00002
28.28	98.99	0.00002	21.21	106.07	0.00002
14.14	113.14	0.00002	7.07	120.21	0.00002
0.00	127.28	0.00002	-7.07	134.35	0.00002
127.28	-14.14	0.00004	120.21	-7.07	0.00004
113.14	0.00	0.00004	106.07	7.07	0.00003
98.99	14.14	0.00003	91.92	21.21	0.00003
84.85	28.28	0.00003	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00002
21.21	91.92	0.00002	14.14	98.99	0.00002
7.07	106.07	0.00002	0.00	113.14	0.00002
-7.07	120.21	0.00002	-14.14	127.28	0.00002
120.21	-21.21	0.00004	113.14	-14.14	0.00004
106.07	-7.07	0.00004	98.99	0.00	0.00004
91.92	7.07	0.00004	84.85	14.14	0.00004
77.78	21.21	0.00003	70.71	28.28	0.00003
67.18	31.82	0.00003	63.64	35.36	0.00003
61.52	37.48	0.00003	60.10	38.89	0.00003
58.69	40.31	0.00003	57.28	41.72	0.00003
55.86	43.13	0.00003	43.13	55.86	0.00003
41.72	57.28	0.00003	40.31	58.69	0.00003
38.89	60.10	0.00003	37.48	61.52	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00003	31.82	67.18	0.00003
28.28	70.71	0.00003	21.21	77.78	0.00003
14.14	84.85	0.00002	7.07	91.92	0.00002
0.00	98.99	0.00002	-7.07	106.07	0.00002
-14.14	113.14	0.00002	-21.21	120.21	0.00002
113.14	-28.28	0.00005	106.07	-21.21	0.00004
98.99	-14.14	0.00004	91.92	-7.07	0.00004
84.85	0.00	0.00004	77.78	7.07	0.00004
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00003
54.45	30.41	0.00003	53.03	31.82	0.00003
51.62	33.23	0.00003	50.20	34.65	0.00003
48.79	36.06	0.00003	36.06	48.79	0.00003
34.65	50.20	0.00003	33.23	51.62	0.00003
31.82	53.03	0.00003	30.41	54.45	0.00003
28.28	56.57	0.00003	24.75	60.10	0.00003
21.21	63.64	0.00003	14.14	70.71	0.00003
7.07	77.78	0.00003	0.00	84.85	0.00003
-7.07	91.92	0.00002	-14.14	98.99	0.00002

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.21	106.07	0.00002	-28.28	113.14	0.00002
106.07	-35.36	0.00005	98.99	-28.28	0.00005
91.92	-21.21	0.00005	84.85	-14.14	0.00004
77.78	-7.07	0.00004	70.71	0.00	0.00004
63.64	7.07	0.00004	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00003
27.58	43.13	0.00003	26.16	44.55	0.00003
24.75	45.96	0.00003	23.33	47.38	0.00003
21.21	49.50	0.00003	17.68	53.03	0.00003
14.14	56.57	0.00003	7.07	63.64	0.00003
0.00	70.71	0.00003	-7.07	77.78	0.00003
-14.14	84.85	0.00003	-21.21	91.92	0.00003
-28.28	98.99	0.00002	-35.36	106.07	0.00002
98.99	-42.43	0.00006	91.92	-35.36	0.00006
84.85	-28.28	0.00005	77.78	-21.21	0.00005
70.71	-14.14	0.00005	63.64	-7.07	0.00005
56.57	0.00	0.00005	49.50	7.07	0.00004
45.96	10.61	0.00004	42.43	14.14	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00004	38.89	17.68	0.00004
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00004
20.51	36.06	0.00004	19.09	37.48	0.00004
17.68	38.89	0.00004	16.26	40.31	0.00004
14.14	42.43	0.00004	10.61	45.96	0.00004
7.07	49.50	0.00004	0.00	56.57	0.00003
-7.07	63.64	0.00003	-14.14	70.71	0.00003
-21.21	77.78	0.00003	-28.28	84.85	0.00003
-35.36	91.92	0.00003	-42.43	98.99	0.00003
91.92	-49.50	0.00007	84.85	-42.43	0.00006
77.78	-35.36	0.00006	70.71	-28.28	0.00006
63.64	-21.21	0.00005	56.57	-14.14	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

49.50	-7.07	0.00005	42.43	0.00	0.00005
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00004	31.82	10.61	0.00004
30.41	12.02	0.00004	28.99	13.44	0.00004
27.58	14.85	0.00004	14.85	27.58	0.00004
13.44	28.99	0.00004	12.02	30.41	0.00004
10.61	31.82	0.00004	9.19	33.23	0.00004
7.07	35.36	0.00004	3.54	38.89	0.00004
0.00	42.43	0.00004	-7.07	49.50	0.00004
-14.14	56.57	0.00003	-21.21	63.64	0.00003
-28.28	70.71	0.00003	-35.36	77.78	0.00003
-42.43	84.85	0.00003	-49.50	91.92	0.00003
84.85	-56.57	0.00008	77.78	-49.50	0.00007
70.71	-42.43	0.00007	63.64	-35.36	0.00006
56.57	-28.28	0.00006	49.50	-21.21	0.00006
42.43	-14.14	0.00006	35.36	-7.07	0.00005
31.82	-3.54	0.00005	28.28	0.00	0.00005
26.16	2.12	0.00005	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00005
6.36	21.92	0.00005	4.95	23.33	0.00005
3.54	24.75	0.00004	2.12	26.16	0.00004
0.00	28.28	0.00004	-3.54	31.82	0.00004
-7.07	35.36	0.00004	-14.14	42.43	0.00004
-21.21	49.50	0.00004	-28.28	56.57	0.00003
-35.36	63.64	0.00003	-42.43	70.71	0.00003
-49.50	77.78	0.00003	-56.57	84.85	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00009	70.71	-56.57	0.00009
63.64	-49.50	0.00008	56.57	-42.43	0.00007
49.50	-35.36	0.00007	42.43	-28.28	0.00006
35.36	-21.21	0.00006	28.28	-14.14	0.00006
24.75	-10.61	0.00006	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00005
16.26	-2.12	0.00005	14.85	-0.71	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

13.44	0.71	0.00005	0.71	13.44	0.00005
-0.71	14.85	0.00005	-2.12	16.26	0.00005
-3.54	17.68	0.00005	-4.95	19.09	0.00005
-7.07	21.21	0.00005	-10.61	24.75	0.00005
-14.14	28.28	0.00005	-21.21	35.36	0.00004
-28.28	42.43	0.00004	-35.36	49.50	0.00004
-42.43	56.57	0.00004	-49.50	63.64	0.00004
-56.57	70.71	0.00003	-63.64	77.78	0.00003
70.71	-70.71	0.00011	63.64	-63.64	0.00010
56.57	-56.57	0.00009	49.50	-49.50	0.00008
42.43	-42.43	0.00008	35.36	-35.36	0.00007
28.28	-28.28	0.00007	21.21	-21.21	0.00007
17.68	-17.68	0.00006	14.14	-14.14	0.00006
12.02	-12.02	0.00006	10.61	-10.61	0.00006
9.19	-9.19	0.00006	7.78	-7.78	0.00006
6.36	-6.36	0.00006	-6.36	6.36	0.00006
-7.78	7.78	0.00006	-9.19	9.19	0.00006
-10.61	10.61	0.00005	-12.02	12.02	0.00005
-14.14	14.14	0.00005	-17.68	17.68	0.00005
-21.21	21.21	0.00005	-28.28	28.28	0.00005
-35.36	35.36	0.00004	-42.43	42.43	0.00004
-49.50	49.50	0.00004	-56.57	56.57	0.00004
-63.64	63.64	0.00004	-70.71	70.71	0.00004
63.64	-77.78	0.00013	56.57	-70.71	0.00012
49.50	-63.64	0.00011	42.43	-56.57	0.00010
35.36	-49.50	0.00009	28.28	-42.43	0.00008
21.21	-35.36	0.00008	14.14	-28.28	0.00007
10.61	-24.75	0.00007	7.07	-21.21	0.00007
4.95	-19.09	0.00007	3.54	-17.68	0.00007
2.12	-16.26	0.00007	0.71	-14.85	0.00007
-0.71	-13.44	0.00007	-13.44	-0.71	0.00006
-14.85	0.71	0.00006	-16.26	2.12	0.00006
-17.68	3.54	0.00006	-19.09	4.95	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00006	-24.75	10.61	0.00006

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	14.14	0.00005	-35.36	21.21	0.00005
-42.43	28.28	0.00005	-49.50	35.36	0.00005
-56.57	42.43	0.00004	-63.64	49.50	0.00004
-70.71	56.57	0.00004	-77.78	63.64	0.00004
56.57	-84.85	0.00016	49.50	-77.78	0.00014
42.43	-70.71	0.00013	35.36	-63.64	0.00012
28.28	-56.57	0.00010	21.21	-49.50	0.00010
14.14	-42.43	0.00009	7.07	-35.36	0.00009
3.54	-31.82	0.00008	0.00	-28.28	0.00008
-2.12	-26.16	0.00008	-3.54	-24.75	0.00008
-4.95	-23.33	0.00008	-6.36	-21.92	0.00008
-7.78	-20.51	0.00008	-20.51	-7.78	0.00007
-21.92	-6.36	0.00007	-23.33	-4.95	0.00007
-24.75	-3.54	0.00007	-26.16	-2.12	0.00007
-28.28	0.00	0.00007	-31.82	3.54	0.00006
-35.36	7.07	0.00006	-42.43	14.14	0.00006
-49.50	21.21	0.00005	-56.57	28.28	0.00005
-63.64	35.36	0.00005	-70.71	42.43	0.00005
-77.78	49.50	0.00004	-84.85	56.57	0.00004
49.50	-91.92	0.00019	42.43	-84.85	0.00018
35.36	-77.78	0.00016	28.28	-70.71	0.00014
21.21	-63.64	0.00013	14.14	-56.57	0.00011
7.07	-49.50	0.00010	0.00	-42.43	0.00010
-3.54	-38.89	0.00010	-7.07	-35.36	0.00009
-9.19	-33.23	0.00009	-10.61	-31.82	0.00009
-12.02	-30.41	0.00009	-13.44	-28.99	0.00009
-14.85	-27.58	0.00009	-27.58	-14.85	0.00008
-28.99	-13.44	0.00008	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00007	-38.89	-3.54	0.00007
-42.43	0.00	0.00007	-49.50	7.07	0.00006
-56.57	14.14	0.00006	-63.64	21.21	0.00006
-70.71	28.28	0.00005	-77.78	35.36	0.00005
-84.85	42.43	0.00005	-91.92	49.50	0.00005
42.43	-98.99	0.00023	35.36	-91.92	0.00022
28.28	-84.85	0.00020	21.21	-77.78	0.00018
14.14	-70.71	0.00015	7.07	-63.64	0.00014
0.00	-56.57	0.00012	-7.07	-49.50	0.00011
-10.61	-45.96	0.00011	-14.14	-42.43	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00011	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00010	-34.65	-21.92	0.00009
-36.06	-20.51	0.00009	-37.48	-19.09	0.00009
-38.89	-17.68	0.00009	-40.31	-16.26	0.00009
-42.43	-14.14	0.00008	-45.96	-10.61	0.00008
-49.50	-7.07	0.00008	-56.57	0.00	0.00007
-63.64	7.07	0.00007	-70.71	14.14	0.00006
-77.78	21.21	0.00006	-84.85	28.28	0.00006
-91.92	35.36	0.00006	-98.99	42.43	0.00005
35.36	-106.07	0.00029	28.28	-98.99	0.00027
21.21	-91.92	0.00025	14.14	-84.85	0.00022
7.07	-77.78	0.00019	0.00	-70.71	0.00017
-7.07	-63.64	0.00015	-14.14	-56.57	0.00014
-17.68	-53.03	0.00013	-21.21	-49.50	0.00013
-23.33	-47.38	0.00012	-24.75	-45.96	0.00012
-26.16	-44.55	0.00012	-27.58	-43.13	0.00012
-28.99	-41.72	0.00012	-41.72	-28.99	0.00011
-43.13	-27.58	0.00010	-44.55	-26.16	0.00010
-45.96	-24.75	0.00010	-47.38	-23.33	0.00010
-49.50	-21.21	0.00010	-53.03	-17.68	0.00009
-56.57	-14.14	0.00009	-63.64	-7.07	0.00008
-70.71	0.00	0.00008	-77.78	7.07	0.00007
-84.85	14.14	0.00007	-91.92	21.21	0.00006
-98.99	28.28	0.00006	-106.07	35.36	0.00006
28.28	-113.14	0.00036	21.21	-106.07	0.00034
14.14	-98.99	0.00031	7.07	-91.92	0.00028
0.00	-84.85	0.00025	-7.07	-77.78	0.00022
-14.14	-70.71	0.00019	-21.21	-63.64	0.00016
-24.75	-60.10	0.00016	-28.28	-56.57	0.00015
-30.41	-54.45	0.00015	-31.82	-53.03	0.00014
-33.23	-51.62	0.00014	-34.65	-50.20	0.00014
-36.06	-48.79	0.00014	-48.79	-36.06	0.00012
-50.20	-34.65	0.00012	-51.62	-33.23	0.00012
-53.03	-31.82	0.00012	-54.45	-30.41	0.00011
-56.57	-28.28	0.00011	-60.10	-24.75	0.00010
-63.64	-21.21	0.00010	-70.71	-14.14	0.00009
-77.78	-7.07	0.00009	-84.85	0.00	0.00008
-91.92	7.07	0.00008	-98.99	14.14	0.00007

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07            21.21            0.00007                            -113.14            28.28            0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*            \*\*\* NCRA Cumulative DPM Impacts            \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction            \*\*\*

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\*\*MODELOPTs:  
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CONC                            URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00045	14.14	-113.14	0.00043
7.07	-106.07	0.00041	0.00	-98.99	0.00037
-7.07	-91.92	0.00033	-14.14	-84.85	0.00028
-21.21	-77.78	0.00024	-28.28	-70.71	0.00020
-31.82	-67.18	0.00019	-35.36	-63.64	0.00018
-37.48	-61.52	0.00018	-38.89	-60.10	0.00017
-40.31	-58.69	0.00017	-41.72	-57.28	0.00017
-43.13	-55.86	0.00016	-55.86	-43.13	0.00014
-57.28	-41.72	0.00014	-58.69	-40.31	0.00014
-60.10	-38.89	0.00013	-61.52	-37.48	0.00013
-63.64	-35.36	0.00013	-67.18	-31.82	0.00012
-70.71	-28.28	0.00011	-77.78	-21.21	0.00011
-84.85	-14.14	0.00010	-91.92	-7.07	0.00009
-98.99	0.00	0.00009	-106.07	7.07	0.00009
-113.14	14.14	0.00009	-120.21	21.21	0.00008
14.14	-127.28	0.00057	7.07	-120.21	0.00056
0.00	-113.14	0.00053	-7.07	-106.07	0.00050
-14.14	-98.99	0.00045	-21.21	-91.92	0.00039
-28.28	-84.85	0.00033	-35.36	-77.78	0.00027
-38.89	-74.25	0.00025	-42.43	-70.71	0.00023
-44.55	-68.59	0.00022	-45.96	-67.18	0.00022
-47.38	-65.76	0.00021	-48.79	-64.35	0.00021
-50.20	-62.93	0.00020	-62.93	-50.20	0.00017
-64.35	-48.79	0.00017	-65.76	-47.38	0.00016
-67.18	-45.96	0.00016	-68.59	-44.55	0.00015
-70.71	-42.43	0.00015	-74.25	-38.89	0.00014
-77.78	-35.36	0.00013	-84.85	-28.28	0.00012
-91.92	-21.21	0.00012	-98.99	-14.14	0.00011
-106.07	-7.07	0.00011	-113.14	0.00	0.00011
-120.21	7.07	0.00010	-127.28	14.14	0.00010
7.07	-134.35	0.00072	0.00	-127.28	0.00072
-7.07	-120.21	0.00071	-14.14	-113.14	0.00068
-21.21	-106.07	0.00062	-28.28	-98.99	0.00055



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	-91.92	0.00047	-42.43	-84.85	0.00037
-45.96	-81.32	0.00033	-49.50	-77.78	0.00030
-51.62	-75.66	0.00029	-53.03	-74.25	0.00028
-54.45	-72.83	0.00027	-55.86	-71.42	0.00026
-57.28	-70.00	0.00026	-70.00	-57.28	0.00021
-71.42	-55.86	0.00020	-72.83	-54.45	0.00020
-74.25	-53.03	0.00019	-75.66	-51.62	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00018	-81.32	-45.96	0.00017
-84.85	-42.43	0.00016	-91.92	-35.36	0.00015
-98.99	-28.28	0.00014	-106.07	-21.21	0.00014
-113.14	-14.14	0.00013	-120.21	-7.07	0.00013
-127.28	0.00	0.00013	-134.35	7.07	0.00013
0.00	-141.42	0.00090	-7.07	-134.35	0.00092
-14.14	-127.28	0.00093	-21.21	-120.21	0.00092
-28.28	-113.14	0.00089	-35.36	-106.07	0.00081
-42.43	-98.99	0.00070	-49.50	-91.92	0.00056
-53.03	-88.39	0.00049	-56.57	-84.85	0.00043
-58.69	-82.73	0.00039	-60.10	-81.32	0.00038
-61.52	-79.90	0.00036	-62.93	-78.49	0.00035
-64.35	-77.07	0.00033	-77.07	-64.35	0.00026
-78.49	-62.93	0.00025	-79.90	-61.52	0.00024
-81.32	-60.10	0.00023	-82.73	-58.69	0.00022
-84.85	-56.57	0.00021	-88.39	-53.03	0.00020
-91.92	-49.50	0.00019	-98.99	-42.43	0.00019
-106.07	-35.36	0.00018	-113.14	-28.28	0.00018
-120.21	-21.21	0.00017	-127.28	-14.14	0.00017
-134.35	-7.07	0.00016	-141.42	0.00	0.00016
-7.07	-148.49	0.00110	-14.14	-141.42	0.00116
-21.21	-134.35	0.00121	-28.28	-127.28	0.00125
-35.36	-120.21	0.00126	-42.43	-113.14	0.00122
-49.50	-106.07	0.00111	-56.57	-98.99	0.00092
-60.10	-95.46	0.00081	-63.64	-91.92	0.00068
-65.76	-89.80	0.00061	-67.18	-88.39	0.00057
-68.59	-86.97	0.00053	-70.00	-85.56	0.00049

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-71.42	-84.15	0.00047	-84.15	-71.42	0.00032
-85.56	-70.00	0.00031	-86.97	-68.59	0.00030
-88.39	-67.18	0.00029	-89.80	-65.76	0.00028
-91.92	-63.64	0.00027	-95.46	-60.10	0.00026
-98.99	-56.57	0.00025	-106.07	-49.50	0.00025
-113.14	-42.43	0.00024	-120.21	-35.36	0.00024
-127.28	-28.28	0.00023	-134.35	-21.21	0.00022
-141.42	-14.14	0.00020	-148.49	-7.07	0.00019
-14.14	-155.56	0.00134	-21.21	-148.49	0.00145
-28.28	-141.42	0.00155	-35.36	-134.35	0.00166
-42.43	-127.28	0.00174	-49.50	-120.21	0.00179
-56.57	-113.14	0.00178	-63.64	-106.07	0.00163
-67.18	-102.53	0.00149	-70.71	-98.99	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00114	-74.25	-95.46	0.00104
-75.66	-94.05	0.00094	-77.07	-92.63	0.00084
-78.49	-91.22	0.00075	-91.22	-78.49	0.00042
-92.63	-77.07	0.00040	-94.05	-75.66	0.00039
-95.46	-74.25	0.00038	-96.87	-72.83	0.00037
-98.99	-70.71	0.00037	-102.53	-67.18	0.00036
-106.07	-63.64	0.00036	-113.14	-56.57	0.00036
-120.21	-49.50	0.00034	-127.28	-42.43	0.00032
-134.35	-35.36	0.00030	-141.42	-28.28	0.00028
-148.49	-21.21	0.00025	-155.56	-14.14	0.00023
-21.21	-162.63	0.00159	-28.28	-155.56	0.00176
-35.36	-148.49	0.00194	-42.43	-141.42	0.00213
-49.50	-134.35	0.00234	-56.57	-127.28	0.00254
-63.64	-120.21	0.00272	-70.71	-113.14	0.00280
-74.25	-109.60	0.00277	-77.78	-106.07	0.00265
-79.90	-103.94	0.00251	-81.32	-102.53	0.00239
-82.73	-101.12	0.00223	-84.15	-99.70	0.00203
-85.56	-98.29	0.00178	-98.29	-85.56	0.00061
-99.70	-84.15	0.00061	-101.12	-82.73	0.00061
-102.53	-81.32	0.00061	-103.94	-79.90	0.00061
-106.07	-77.78	0.00061	-109.60	-74.25	0.00060

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-113.14	-70.71	0.00058	-120.21	-63.64	0.00053
-127.28	-56.57	0.00048	-134.35	-49.50	0.00043
-141.42	-42.43	0.00039	-148.49	-35.36	0.00035
-155.56	-28.28	0.00031	-162.63	-21.21	0.00028
-28.28	-169.71	0.00182	-35.36	-162.63	0.00204
-42.43	-155.56	0.00230	-49.50	-148.49	0.00259
-56.57	-141.42	0.00292	-63.64	-134.35	0.00329
-70.71	-127.28	0.00369	-77.78	-120.21	0.00408
-81.32	-116.67	0.00425	-84.85	-113.14	0.00435
-86.97	-111.02	0.00438	-88.39	-109.60	0.00437
-89.80	-108.19	0.00436	-91.22	-106.77	0.00435
-92.63	-105.36	0.00433	-105.36	-92.63	0.00120
-106.77	-91.22	0.00114	-108.19	-89.80	0.00110
-109.60	-88.39	0.00107	-111.02	-86.97	0.00104
-113.14	-84.85	0.00100	-116.67	-81.32	0.00093
-120.21	-77.78	0.00087	-127.28	-70.71	0.00075
-134.35	-63.64	0.00064	-141.42	-56.57	0.00056
-148.49	-49.50	0.00049	-155.56	-42.43	0.00043
-162.63	-35.36	0.00038	-169.71	-28.28	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:03:43

\*\*MODELOPTs:

PAGE 38

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00201	-42.43	-169.71	0.00228
-49.50	-162.63	0.00259	-56.57	-155.56	0.00296
-63.64	-148.49	0.00339	-70.71	-141.42	0.00387
-77.78	-134.35	0.00439	-84.85	-127.28	0.00488
-88.39	-123.74	0.00507	-91.92	-120.21	0.00518
-94.05	-118.09	0.00518	-95.46	-116.67	0.00514
-96.87	-115.26	0.00508	-98.29	-113.84	0.00500
-99.70	-112.43	0.00491	-112.43	-99.70	0.00146
-113.84	-98.29	0.00142	-115.26	-96.87	0.00138
-116.67	-95.46	0.00135	-118.09	-94.05	0.00132
-120.21	-91.92	0.00128	-123.74	-88.39	0.00119
-127.28	-84.85	0.00110	-134.35	-77.78	0.00093
-141.42	-70.71	0.00079	-148.49	-63.64	0.00067
-155.56	-56.57	0.00058	-162.63	-49.50	0.00050
-169.71	-42.43	0.00044	-176.78	-35.36	0.00038

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	-183.85	0.00214	-49.50	-176.78	0.00244
-56.57	-169.71	0.00280	-63.64	-162.63	0.00322
-70.71	-155.56	0.00370	-77.78	-148.49	0.00424
-84.85	-141.42	0.00481	-91.92	-134.35	0.00531
-95.46	-130.81	0.00547	-98.99	-127.28	0.00552
-101.12	-125.16	0.00548	-102.53	-123.74	0.00542
-103.94	-122.33	0.00533	-105.36	-120.92	0.00521
-106.77	-119.50	0.00510	-119.50	-106.77	0.00159
-120.92	-105.36	0.00155	-122.33	-103.94	0.00152
-123.74	-102.53	0.00149	-125.16	-101.12	0.00147
-127.28	-98.99	0.00143	-130.81	-95.46	0.00135
-134.35	-91.92	0.00126	-141.42	-84.85	0.00108
-148.49	-77.78	0.00091	-155.56	-70.71	0.00077
-162.63	-63.64	0.00065	-169.71	-56.57	0.00056
-176.78	-49.50	0.00049	-183.85	-42.43	0.00042
-49.50	-190.92	0.00220	-56.57	-183.85	0.00253
-63.64	-176.78	0.00291	-70.71	-169.71	0.00336
-77.78	-162.63	0.00387	-84.85	-155.56	0.00445
-91.92	-148.49	0.00504	-98.99	-141.42	0.00552
-102.53	-137.89	0.00566	-106.07	-134.35	0.00568
-108.19	-132.23	0.00562	-109.60	-130.81	0.00555
-111.02	-129.40	0.00546	-112.43	-127.99	0.00533
-113.84	-126.57	0.00521	-126.57	-113.84	0.00166
-127.99	-112.43	0.00163	-129.40	-111.02	0.00160
-130.81	-109.60	0.00158	-132.23	-108.19	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
 PAGE 39

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00152	-137.89	-102.53	0.00144
-141.42	-98.99	0.00136	-148.49	-91.92	0.00118
-155.56	-84.85	0.00100	-162.63	-77.78	0.00085
-169.71	-70.71	0.00072	-176.78	-63.64	0.00061
-183.85	-56.57	0.00053	-190.92	-49.50	0.00046
-56.57	-197.99	0.00220	-63.64	-190.92	0.00253
-70.71	-183.85	0.00291	-77.78	-176.78	0.00338
-84.85	-169.71	0.00391	-91.92	-162.63	0.00450
-98.99	-155.56	0.00510	-106.07	-148.49	0.00558

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-109.60	-144.96	0.00572	-113.14	-141.42	0.00574
-115.26	-139.30	0.00568	-116.67	-137.89	0.00561
-118.09	-136.47	0.00551	-119.50	-135.06	0.00539
-120.92	-133.64	0.00526	-133.64	-120.92	0.00171
-135.06	-119.50	0.00167	-136.47	-118.09	0.00165
-137.89	-116.67	0.00163	-139.30	-115.26	0.00161
-141.42	-113.14	0.00157	-144.96	-109.60	0.00150
-148.49	-106.07	0.00142	-155.56	-98.99	0.00124
-162.63	-91.92	0.00106	-169.71	-84.85	0.00090
-176.78	-77.78	0.00076	-183.85	-70.71	0.00065
-190.92	-63.64	0.00055	-197.99	-56.57	0.00048
-63.64	-205.06	0.00214	-70.71	-197.99	0.00245
-77.78	-190.92	0.00283	-84.85	-183.85	0.00328
-91.92	-176.78	0.00380	-98.99	-169.71	0.00438
-106.07	-162.63	0.00499	-113.14	-155.56	0.00550
-116.67	-152.03	0.00567	-120.21	-148.49	0.00571
-122.33	-146.37	0.00567	-123.74	-144.96	0.00560
-125.16	-143.54	0.00551	-126.57	-142.13	0.00539
-127.99	-140.71	0.00525	-140.71	-127.99	0.00172
-142.13	-126.57	0.00169	-143.54	-125.16	0.00167
-144.96	-123.74	0.00165	-146.37	-122.33	0.00163
-148.49	-120.21	0.00160	-152.03	-116.67	0.00153
-155.56	-113.14	0.00145	-162.63	-106.07	0.00126
-169.71	-98.99	0.00108	-176.78	-91.92	0.00092
-183.85	-84.85	0.00078	-190.92	-77.78	0.00067
-197.99	-70.71	0.00057	-205.06	-63.64	0.00049
-70.71	-212.13	0.00202	-77.78	-205.06	0.00231
-84.85	-197.99	0.00265	-91.92	-190.92	0.00306
-98.99	-183.85	0.00353	-106.07	-176.78	0.00407
-113.14	-169.71	0.00466	-120.21	-162.63	0.00522
-123.74	-159.10	0.00542	-127.28	-155.56	0.00553

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00552	-130.81	-152.03	0.00548
-132.23	-150.61	0.00541	-133.64	-149.20	0.00530
-135.06	-147.79	0.00518	-147.79	-135.06	0.00171

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-149.20	-133.64	0.00167	-150.61	-132.23	0.00165
-152.03	-130.81	0.00164	-153.44	-129.40	0.00162
-155.56	-127.28	0.00159	-159.10	-123.74	0.00152
-162.63	-120.21	0.00144	-169.71	-113.14	0.00125
-176.78	-106.07	0.00106	-183.85	-98.99	0.00090
-190.92	-91.92	0.00077	-197.99	-84.85	0.00066
-205.06	-77.78	0.00057	-212.13	-70.71	0.00049
-77.78	-219.20	0.00184	-84.85	-212.13	0.00208
-91.92	-205.06	0.00237	-98.99	-197.99	0.00271
-106.07	-190.92	0.00311	-113.14	-183.85	0.00356
-120.21	-176.78	0.00405	-127.28	-169.71	0.00456
-130.81	-166.17	0.00480	-134.35	-162.63	0.00498
-136.47	-160.51	0.00505	-137.89	-159.10	0.00506
-139.30	-157.68	0.00505	-140.71	-156.27	0.00500
-142.13	-154.86	0.00494	-154.86	-142.13	0.00165
-156.27	-140.71	0.00162	-157.68	-139.30	0.00160
-159.10	-137.89	0.00158	-160.51	-136.47	0.00156
-162.63	-134.35	0.00153	-166.17	-130.81	0.00145
-169.71	-127.28	0.00136	-176.78	-120.21	0.00118
-183.85	-113.14	0.00100	-190.92	-106.07	0.00085
-197.99	-98.99	0.00073	-205.06	-91.92	0.00063
-212.13	-84.85	0.00055	-219.20	-77.78	0.00047
-84.85	-226.27	0.00162	-91.92	-219.20	0.00181
-98.99	-212.13	0.00203	-106.07	-205.06	0.00227
-113.14	-197.99	0.00255	-120.21	-190.92	0.00284
-127.28	-183.85	0.00315	-134.35	-176.78	0.00343
-137.89	-173.24	0.00355	-141.42	-169.71	0.00366
-143.54	-167.58	0.00371	-144.96	-166.17	0.00375
-146.37	-164.76	0.00379	-147.79	-163.34	0.00385
-149.20	-161.93	0.00393	-161.93	-149.20	0.00148
-163.34	-147.79	0.00144	-164.76	-146.37	0.00140
-166.17	-144.96	0.00138	-167.58	-143.54	0.00135
-169.71	-141.42	0.00131	-173.24	-137.89	0.00125
-176.78	-134.35	0.00118	-183.85	-127.28	0.00103
-190.92	-120.21	0.00089	-197.99	-113.14	0.00077
-205.06	-106.07	0.00067	-212.13	-98.99	0.00058
-219.20	-91.92	0.00051	-226.27	-84.85	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00139	-98.99	-226.27	0.00152
-106.07	-219.20	0.00167	-113.14	-212.13	0.00182
-120.21	-205.06	0.00197	-127.28	-197.99	0.00211
-134.35	-190.92	0.00219	-141.42	-183.85	0.00217
-144.96	-180.31	0.00210	-148.49	-176.78	0.00197
-150.61	-174.66	0.00186	-152.03	-173.24	0.00177
-153.44	-171.83	0.00167	-154.86	-170.41	0.00156
-156.27	-169.00	0.00143	-169.00	-156.27	0.00091
-170.41	-154.86	0.00092	-171.83	-153.44	0.00093
-173.24	-152.03	0.00093	-174.66	-150.61	0.00094
-176.78	-148.49	0.00094	-180.31	-144.96	0.00093
-183.85	-141.42	0.00091	-190.92	-134.35	0.00083
-197.99	-127.28	0.00075	-205.06	-120.21	0.00066
-212.13	-113.14	0.00058	-219.20	-106.07	0.00052
-226.27	-98.99	0.00046	-233.35	-91.92	0.00041
-98.99	-240.42	0.00117	-106.07	-233.35	0.00126
-113.14	-226.27	0.00134	-120.21	-219.20	0.00142
-127.28	-212.13	0.00149	-134.35	-205.06	0.00152
-141.42	-197.99	0.00149	-148.49	-190.92	0.00138
-152.03	-187.38	0.00128	-155.56	-183.85	0.00115
-157.68	-181.73	0.00107	-159.10	-180.31	0.00101
-160.51	-178.90	0.00096	-161.93	-177.48	0.00090
-163.34	-176.07	0.00085	-176.07	-163.34	0.00065
-177.48	-161.93	0.00065	-178.90	-160.51	0.00065
-180.31	-159.10	0.00066	-181.73	-157.68	0.00066
-183.85	-155.56	0.00067	-187.38	-152.03	0.00068
-190.92	-148.49	0.00069	-197.99	-141.42	0.00067
-205.06	-134.35	0.00062	-212.13	-127.28	0.00056
-219.20	-120.21	0.00050	-226.27	-113.14	0.00045
-233.35	-106.07	0.00041	-240.42	-98.99	0.00037
-106.07	-247.49	0.00097	-113.14	-240.42	0.00103
-120.21	-233.35	0.00107	-127.28	-226.27	0.00111
-134.35	-219.20	0.00112	-141.42	-212.13	0.00111
-148.49	-205.06	0.00105	-155.56	-197.99	0.00093
-159.10	-194.45	0.00086	-162.63	-190.92	0.00080
-164.76	-188.80	0.00076	-166.17	-187.38	0.00073
-167.58	-185.97	0.00070	-169.00	-184.55	0.00067
-170.41	-183.14	0.00064	-183.14	-170.41	0.00052
-184.55	-169.00	0.00052	-185.97	-167.58	0.00052
-187.38	-166.17	0.00052	-188.80	-164.76	0.00052

04/20/08

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00052	-194.45	-159.10	0.00052
-197.99	-155.56	0.00052	-205.06	-148.49	0.00052
-212.13	-141.42	0.00050	-219.20	-134.35	0.00047
-226.27	-127.28	0.00043	-233.35	-120.21	0.00040
-240.42	-113.14	0.00036	-247.49	-106.07	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00002	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00002	219.20	120.21	0.00002
212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00001	113.14	226.27	0.00001
106.07	233.35	0.00001	98.99	240.42	0.00001
233.35	91.92	0.00002	226.27	98.99	0.00002
219.20	106.07	0.00002	212.13	113.14	0.00002
205.06	120.21	0.00002	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00001
99.00	226.27	0.00001	91.92	233.35	0.00001
226.27	84.85	0.00003	219.20	91.92	0.00002
212.13	98.99	0.00002	205.06	106.07	0.00002
197.99	113.14	0.00002	190.92	120.21	0.00002
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00003	212.13	84.85	0.00003
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00002	169.71	127.28	0.00002
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00002
137.89	159.10	0.00002	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00003	205.06	77.78	0.00003
197.99	84.85	0.00003	190.92	91.92	0.00003
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00002
159.10	123.74	0.00002	155.56	127.28	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):              NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002
127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00003	197.99	70.71	0.00003
190.92	77.78	0.00003	183.85	84.85	0.00003
176.78	91.92	0.00003	169.71	98.99	0.00003
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00003	190.92	63.64	0.00003
183.85	70.71	0.00003	176.78	77.78	0.00003
169.71	84.85	0.00003	162.63	91.92	0.00003
155.56	98.99	0.00003	148.49	106.07	0.00003
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00002
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00004	183.85	56.57	0.00004
176.78	63.64	0.00004	169.71	70.71	0.00003

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

162.63	77.78	0.00003	155.56	84.85	0.00003
148.49	91.92	0.00003	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00002	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00004	176.78	49.50	0.00004
169.71	56.57	0.00004	162.63	63.64	0.00004
155.56	70.71	0.00004	148.49	77.78	0.00004
141.42	84.85	0.00003	134.35	91.92	0.00003
130.81	95.46	0.00003	127.28	98.99	0.00003
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00003
105.36	120.92	0.00003	103.94	122.33	0.00003
102.53	123.74	0.00003	101.12	125.16	0.00003
98.99	127.28	0.00003	95.46	130.81	0.00003
91.92	134.35	0.00003	84.85	141.42	0.00003
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00002
176.78	35.36	0.00005	169.71	42.43	0.00004
162.63	49.50	0.00004	155.56	56.57	0.00004
148.49	63.64	0.00004	141.42	70.71	0.00004
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00003
118.09	94.05	0.00003	116.67	95.46	0.00003
115.26	96.87	0.00003	113.84	98.29	0.00003
112.43	99.70	0.00003	99.70	112.43	0.00003
98.29	113.84	0.00003	96.87	115.26	0.00003
95.46	116.67	0.00003	94.05	118.09	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

15NCRA PL97-300 DPM\_TRAV ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00003	88.39	123.74	0.00003	
84.85	127.28	0.00003	77.78	134.35	0.00003	
70.71	141.42	0.00003	63.64	148.49	0.00003	
56.57	155.56	0.00002	49.50	162.63	0.00002	
42.43	169.71	0.00002	35.36	176.78	0.00002	
169.71	28.28	0.00005	162.63	35.36	0.00005	
155.56	42.43	0.00005	148.49	49.50	0.00004	
141.42	56.57	0.00004	134.35	63.64	0.00004	
127.28	70.71	0.00004	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00003	
91.22	106.77	0.00003	89.80	108.19	0.00003	
88.39	109.60	0.00003	86.97	111.02	0.00003	
84.85	113.14	0.00003	81.32	116.67	0.00003	
77.78	120.21	0.00003	70.71	127.28	0.00003	
63.64	134.35	0.00003	56.57	141.42	0.00003	
49.50	148.49	0.00003	42.43	155.56	0.00003	
35.36	162.63	0.00002	28.28	169.71	0.00002	
162.63	21.21	0.00006	155.56	28.28	0.00006	
148.49	35.36	0.00005	141.42	42.43	0.00005	
134.35	49.50	0.00005	127.28	56.57	0.00005	
120.21	63.64	0.00005	113.14	70.71	0.00004	
109.60	74.25	0.00004	106.07	77.78	0.00004	
103.94	79.90	0.00004	102.53	81.32	0.00004	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00004	
84.15	99.70	0.00004	82.73	101.12	0.00004	
81.32	102.53	0.00004	79.90	103.94	0.00004	
77.78	106.07	0.00004	74.25	109.60	0.00004	
70.71	113.14	0.00004	63.64	120.21	0.00003	
56.57	127.28	0.00003	49.50	134.35	0.00003	
42.43	141.42	0.00003	35.36	148.49	0.00003	
28.28	155.56	0.00003	21.21	162.63	0.00003	
155.56	14.14	0.00007	148.49	21.21	0.00006	
141.42	28.28	0.00006	134.35	35.36	0.00006	
127.28	42.43	0.00005	120.21	49.50	0.00005	
113.14	56.57	0.00005	106.07	63.64	0.00005	
102.53	67.18	0.00005	98.99	70.71	0.00005	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00004	95.46	74.25	0.00004
94.05	75.66	0.00004	92.63	77.07	0.00004
91.22	78.49	0.00004	78.49	91.22	0.00004
77.07	92.63	0.00004	75.66	94.05	0.00004
74.25	95.46	0.00004	72.83	96.87	0.00004
70.71	98.99	0.00004	67.18	102.53	0.00004
63.64	106.07	0.00004	56.57	113.14	0.00004
49.50	120.21	0.00003	42.43	127.28	0.00003
35.36	134.35	0.00003	28.28	141.42	0.00003
21.21	148.49	0.00003	14.14	155.56	0.00003
148.49	7.07	0.00008	141.42	14.14	0.00007
134.35	21.21	0.00007	127.28	28.28	0.00006
120.21	35.36	0.00006	113.14	42.43	0.00006
106.07	49.50	0.00006	98.99	56.57	0.00005
95.46	60.10	0.00005	91.92	63.64	0.00005
89.80	65.76	0.00005	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00005
70.00	85.56	0.00005	68.59	86.97	0.00005
67.18	88.39	0.00004	65.76	89.80	0.00004
63.64	91.92	0.00004	60.10	95.46	0.00004
56.57	98.99	0.00004	49.50	106.07	0.00004
42.43	113.14	0.00004	35.36	120.21	0.00003
28.28	127.28	0.00003	21.21	134.35	0.00003
14.14	141.42	0.00003	7.07	148.49	0.00003
141.42	0.00	0.00009	134.35	7.07	0.00009
127.28	14.14	0.00008	120.21	21.21	0.00007
113.14	28.28	0.00007	106.07	35.36	0.00006
98.99	42.43	0.00006	91.92	49.50	0.00006
88.39	53.03	0.00006	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00005
79.90	61.52	0.00005	78.49	62.93	0.00005
77.07	64.35	0.00005	64.35	77.07	0.00005
62.93	78.49	0.00005	61.52	79.90	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

60.10	81.32	0.00005	58.69	82.73	0.00005
56.57	84.85	0.00005	53.03	88.39	0.00005
49.50	91.92	0.00005	42.43	98.99	0.00004
35.36	106.07	0.00004	28.28	113.14	0.00004
21.21	120.21	0.00004	14.14	127.28	0.00004
7.07	134.35	0.00003	0.00	141.42	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00011	127.28	0.00	0.00010
120.21	7.07	0.00009	113.14	14.14	0.00008
106.07	21.21	0.00008	98.99	28.28	0.00007
91.92	35.36	0.00007	84.85	42.43	0.00007
81.32	45.96	0.00006	77.78	49.50	0.00006
75.66	51.62	0.00006	74.25	53.03	0.00006
72.83	54.45	0.00006	71.42	55.86	0.00006
70.00	57.28	0.00006	57.28	70.00	0.00006
55.86	71.42	0.00006	54.45	72.83	0.00006
53.03	74.25	0.00005	51.62	75.66	0.00005
49.50	77.78	0.00005	45.96	81.32	0.00005
42.43	84.85	0.00005	35.36	91.92	0.00005
28.28	98.99	0.00004	21.21	106.07	0.00004
14.14	113.14	0.00004	7.07	120.21	0.00004
0.00	127.28	0.00004	-7.07	134.35	0.00004
127.28	-14.14	0.00013	120.21	-7.07	0.00012
113.14	0.00	0.00011	106.07	7.07	0.00010
98.99	14.14	0.00009	91.92	21.21	0.00008
84.85	28.28	0.00008	77.78	35.36	0.00007
74.25	38.89	0.00007	70.71	42.43	0.00007
68.59	44.55	0.00007	67.18	45.96	0.00007
65.76	47.38	0.00007	64.35	48.79	0.00007
62.93	50.20	0.00007	50.20	62.93	0.00006
48.79	64.35	0.00006	47.38	65.76	0.00006
45.96	67.18	0.00006	44.55	68.59	0.00006
42.43	70.71	0.00006	38.89	74.25	0.00006
35.36	77.78	0.00005	28.28	84.85	0.00005
21.21	91.92	0.00005	14.14	98.99	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	106.07	0.00004	0.00	113.14	0.00004
-7.07	120.21	0.00004	-14.14	127.28	0.00004
120.21	-21.21	0.00016	113.14	-14.14	0.00014
106.07	-7.07	0.00013	98.99	0.00	0.00012
91.92	7.07	0.00010	84.85	14.14	0.00010
77.78	21.21	0.00009	70.71	28.28	0.00009
67.18	31.82	0.00008	63.64	35.36	0.00008
61.52	37.48	0.00008	60.10	38.89	0.00008
58.69	40.31	0.00008	57.28	41.72	0.00008
55.86	43.13	0.00008	43.13	55.86	0.00007
41.72	57.28	0.00007	40.31	58.69	0.00007
38.89	60.10	0.00007	37.48	61.52	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00007	31.82	67.18	0.00006
28.28	70.71	0.00006	21.21	77.78	0.00006
14.14	84.85	0.00005	7.07	91.92	0.00005
0.00	98.99	0.00005	-7.07	106.07	0.00005
-14.14	113.14	0.00004	-21.21	120.21	0.00004
113.14	-28.28	0.00019	106.07	-21.21	0.00018
98.99	-14.14	0.00016	91.92	-7.07	0.00014
84.85	0.00	0.00013	77.78	7.07	0.00011
70.71	14.14	0.00010	63.64	21.21	0.00010
60.10	24.75	0.00010	56.57	28.28	0.00009
54.45	30.41	0.00009	53.03	31.82	0.00009
51.62	33.23	0.00009	50.20	34.65	0.00009
48.79	36.06	0.00009	36.06	48.79	0.00008
34.65	50.20	0.00008	33.23	51.62	0.00008
31.82	53.03	0.00008	30.41	54.45	0.00008
28.28	56.57	0.00007	24.75	60.10	0.00007
21.21	63.64	0.00007	14.14	70.71	0.00006
7.07	77.78	0.00006	0.00	84.85	0.00006
-7.07	91.92	0.00005	-14.14	98.99	0.00005
-21.21	106.07	0.00005	-28.28	113.14	0.00005
106.07	-35.36	0.00023	98.99	-28.28	0.00022
91.92	-21.21	0.00020	84.85	-14.14	0.00018



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

77.78	-7.07	0.00015	70.71	0.00	0.00014
63.64	7.07	0.00012	56.57	14.14	0.00011
53.03	17.68	0.00011	49.50	21.21	0.00011
47.38	23.33	0.00011	45.96	24.75	0.00010
44.55	26.16	0.00010	43.13	27.58	0.00010
41.72	28.99	0.00010	28.99	41.72	0.00009
27.58	43.13	0.00009	26.16	44.55	0.00009
24.75	45.96	0.00009	23.33	47.38	0.00009
21.21	49.50	0.00008	17.68	53.03	0.00008
14.14	56.57	0.00008	7.07	63.64	0.00007
0.00	70.71	0.00007	-7.07	77.78	0.00006
-14.14	84.85	0.00006	-21.21	91.92	0.00006
-28.28	98.99	0.00006	-35.36	106.07	0.00005
98.99	-42.43	0.00029	91.92	-35.36	0.00027
84.85	-28.28	0.00025	77.78	-21.21	0.00022
70.71	-14.14	0.00019	63.64	-7.07	0.00017
56.57	0.00	0.00015	49.50	7.07	0.00014
45.96	10.61	0.00013	42.43	14.14	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 51  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00012	38.89	17.68	0.00012
37.48	19.09	0.00012	36.06	20.51	0.00012
34.65	21.92	0.00012	21.92	34.65	0.00011
20.51	36.06	0.00010	19.09	37.48	0.00010
17.68	38.89	0.00010	16.26	40.31	0.00010
14.14	42.43	0.00010	10.61	45.96	0.00009
7.07	49.50	0.00009	0.00	56.57	0.00008
-7.07	63.64	0.00008	-14.14	70.71	0.00007
-21.21	77.78	0.00007	-28.28	84.85	0.00006
-35.36	91.92	0.00006	-42.43	98.99	0.00006
91.92	-49.50	0.00036	84.85	-42.43	0.00034
77.78	-35.36	0.00031	70.71	-28.28	0.00028
63.64	-21.21	0.00025	56.57	-14.14	0.00022
49.50	-7.07	0.00019	42.43	0.00	0.00016
38.89	3.54	0.00016	35.36	7.07	0.00015
33.23	9.19	0.00015	31.82	10.61	0.00014

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

30.41	12.02	0.00014	28.99	13.44	0.00014
27.58	14.85	0.00014	14.85	27.58	0.00012
13.44	28.99	0.00012	12.02	30.41	0.00012
10.61	31.82	0.00012	9.19	33.23	0.00011
7.07	35.36	0.00011	3.54	38.89	0.00010
0.00	42.43	0.00010	-7.07	49.50	0.00009
-14.14	56.57	0.00009	-21.21	63.64	0.00008
-28.28	70.71	0.00008	-35.36	77.78	0.00007
-42.43	84.85	0.00007	-49.50	91.92	0.00007
84.85	-56.57	0.00045	77.78	-49.50	0.00043
70.71	-42.43	0.00041	63.64	-35.36	0.00037
56.57	-28.28	0.00033	49.50	-21.21	0.00028
42.43	-14.14	0.00024	35.36	-7.07	0.00020
31.82	-3.54	0.00019	28.28	0.00	0.00018
26.16	2.12	0.00018	24.75	3.54	0.00017
23.33	4.95	0.00017	21.92	6.36	0.00017
20.51	7.78	0.00016	7.78	20.51	0.00014
6.36	21.92	0.00014	4.95	23.33	0.00014
3.54	24.75	0.00013	2.12	26.16	0.00013
0.00	28.28	0.00013	-3.54	31.82	0.00012
-7.07	35.36	0.00011	-14.14	42.43	0.00011
-21.21	49.50	0.00010	-28.28	56.57	0.00009
-35.36	63.64	0.00009	-42.43	70.71	0.00009
-49.50	77.78	0.00009	-56.57	84.85	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00057	70.71	-56.57	0.00056
63.64	-49.50	0.00053	56.57	-42.43	0.00050
49.50	-35.36	0.00045	42.43	-28.28	0.00039
35.36	-21.21	0.00033	28.28	-14.14	0.00027
24.75	-10.61	0.00025	21.21	-7.07	0.00023
19.09	-4.95	0.00022	17.68	-3.54	0.00022
16.26	-2.12	0.00021	14.85	-0.71	0.00021
13.44	0.71	0.00020	0.71	13.44	0.00017
-0.71	14.85	0.00017	-2.12	16.26	0.00016
-3.54	17.68	0.00016	-4.95	19.09	0.00015

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-7.07	21.21	0.00015	-10.61	24.75	0.00014
-14.14	28.28	0.00013	-21.21	35.36	0.00012
-28.28	42.43	0.00012	-35.36	49.50	0.00011
-42.43	56.57	0.00011	-49.50	63.64	0.00011
-56.57	70.71	0.00010	-63.64	77.78	0.00010
70.71	-70.71	0.00072	63.64	-63.64	0.00072
56.57	-56.57	0.00071	49.50	-49.50	0.00068
42.43	-42.43	0.00062	35.36	-35.36	0.00055
28.28	-28.28	0.00047	21.21	-21.21	0.00037
17.68	-17.68	0.00033	14.14	-14.14	0.00030
12.02	-12.02	0.00029	10.61	-10.61	0.00028
9.19	-9.19	0.00027	7.78	-7.78	0.00026
6.36	-6.36	0.00026	-6.36	6.36	0.00021
-7.78	7.78	0.00020	-9.19	9.19	0.00020
-10.61	10.61	0.00019	-12.02	12.02	0.00018
-14.14	14.14	0.00018	-17.68	17.68	0.00017
-21.21	21.21	0.00016	-28.28	28.28	0.00015
-35.36	35.36	0.00014	-42.43	42.43	0.00014
-49.50	49.50	0.00013	-56.57	56.57	0.00013
-63.64	63.64	0.00013	-70.71	70.71	0.00013
63.64	-77.78	0.00090	56.57	-70.71	0.00092
49.50	-63.64	0.00093	42.43	-56.57	0.00092
35.36	-49.50	0.00089	28.28	-42.43	0.00081
21.21	-35.36	0.00070	14.14	-28.28	0.00056
10.61	-24.75	0.00049	7.07	-21.21	0.00043
4.95	-19.09	0.00039	3.54	-17.68	0.00038
2.12	-16.26	0.00036	0.71	-14.85	0.00035
-0.71	-13.44	0.00033	-13.44	-0.71	0.00026
-14.85	0.71	0.00025	-16.26	2.12	0.00024
-17.68	3.54	0.00023	-19.09	4.95	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00021	-24.75	10.61	0.00020
-28.28	14.14	0.00019	-35.36	21.21	0.00019
-42.43	28.28	0.00018	-49.50	35.36	0.00018
-56.57	42.43	0.00017	-63.64	49.50	0.00017

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-70.71	56.57	0.00016	-77.78	63.64	0.00016
56.57	-84.85	0.00110	49.50	-77.78	0.00116
42.43	-70.71	0.00121	35.36	-63.64	0.00125
28.28	-56.57	0.00126	21.21	-49.50	0.00122
14.14	-42.43	0.00111	7.07	-35.36	0.00093
3.54	-31.82	0.00081	0.00	-28.28	0.00068
-2.12	-26.16	0.00061	-3.54	-24.75	0.00057
-4.95	-23.33	0.00053	-6.36	-21.92	0.00049
-7.78	-20.51	0.00047	-20.51	-7.78	0.00032
-21.92	-6.36	0.00031	-23.33	-4.95	0.00030
-24.75	-3.54	0.00029	-26.16	-2.12	0.00028
-28.28	0.00	0.00027	-31.82	3.54	0.00026
-35.36	7.07	0.00025	-42.43	14.14	0.00025
-49.50	21.21	0.00024	-56.57	28.28	0.00024
-63.64	35.36	0.00023	-70.71	42.43	0.00022
-77.78	49.50	0.00020	-84.85	56.57	0.00019
49.50	-91.92	0.00134	42.43	-84.85	0.00145
35.36	-77.78	0.00155	28.28	-70.71	0.00166
21.21	-63.64	0.00174	14.14	-56.57	0.00179
7.07	-49.50	0.00178	0.00	-42.43	0.00163
-3.54	-38.89	0.00149	-7.07	-35.36	0.00128
-9.19	-33.23	0.00114	-10.61	-31.82	0.00104
-12.02	-30.41	0.00094	-13.44	-28.99	0.00084
-14.85	-27.58	0.00075	-27.58	-14.85	0.00042
-28.99	-13.44	0.00040	-30.41	-12.02	0.00039
-31.82	-10.61	0.00038	-33.23	-9.19	0.00037
-35.36	-7.07	0.00037	-38.89	-3.54	0.00036
-42.43	0.00	0.00036	-49.50	7.07	0.00036
-56.57	14.14	0.00034	-63.64	21.21	0.00032
-70.71	28.28	0.00030	-77.78	35.36	0.00028
-84.85	42.43	0.00025	-91.92	49.50	0.00023
42.43	-98.99	0.00159	35.36	-91.92	0.00176
28.28	-84.85	0.00194	21.21	-77.78	0.00213
14.14	-70.71	0.00234	7.07	-63.64	0.00254
0.00	-56.57	0.00272	-7.07	-49.50	0.00280
-10.61	-45.96	0.00277	-14.14	-42.43	0.00265

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00251	-17.68	-38.89	0.00239
-19.09	-37.48	0.00223	-20.51	-36.06	0.00203
-21.92	-34.65	0.00178	-34.65	-21.92	0.00061
-36.06	-20.51	0.00061	-37.48	-19.09	0.00061
-38.89	-17.68	0.00061	-40.31	-16.26	0.00061
-42.43	-14.14	0.00061	-45.96	-10.61	0.00060
-49.50	-7.07	0.00058	-56.57	0.00	0.00053
-63.64	7.07	0.00048	-70.71	14.14	0.00043
-77.78	21.21	0.00039	-84.85	28.28	0.00035
-91.92	35.36	0.00031	-98.99	42.43	0.00028
35.36	-106.07	0.00182	28.28	-98.99	0.00204
21.21	-91.92	0.00230	14.14	-84.85	0.00259
7.07	-77.78	0.00292	0.00	-70.71	0.00329
-7.07	-63.64	0.00369	-14.14	-56.57	0.00408
-17.68	-53.03	0.00425	-21.21	-49.50	0.00435
-23.33	-47.38	0.00438	-24.75	-45.96	0.00437
-26.16	-44.55	0.00436	-27.58	-43.13	0.00435
-28.99	-41.72	0.00433	-41.72	-28.99	0.00120
-43.13	-27.58	0.00114	-44.55	-26.16	0.00110
-45.96	-24.75	0.00107	-47.38	-23.33	0.00104
-49.50	-21.21	0.00100	-53.03	-17.68	0.00093
-56.57	-14.14	0.00087	-63.64	-7.07	0.00075
-70.71	0.00	0.00064	-77.78	7.07	0.00056
-84.85	14.14	0.00049	-91.92	21.21	0.00043
-98.99	28.28	0.00038	-106.07	35.36	0.00034
28.28	-113.14	0.00201	21.21	-106.07	0.00228
14.14	-98.99	0.00259	7.07	-91.92	0.00296
0.00	-84.85	0.00339	-7.07	-77.78	0.00387
-14.14	-70.71	0.00439	-21.21	-63.64	0.00488
-24.75	-60.10	0.00507	-28.28	-56.57	0.00518
-30.41	-54.45	0.00518	-31.82	-53.03	0.00514
-33.23	-51.62	0.00508	-34.65	-50.20	0.00500
-36.06	-48.79	0.00491	-48.79	-36.06	0.00146
-50.20	-34.65	0.00142	-51.62	-33.23	0.00138
-53.03	-31.82	0.00135	-54.45	-30.41	0.00132
-56.57	-28.28	0.00128	-60.10	-24.75	0.00119
-63.64	-21.21	0.00110	-70.71	-14.14	0.00093
-77.78	-7.07	0.00079	-84.85	0.00	0.00067
-91.92	7.07	0.00058	-98.99	14.14	0.00050
-106.07	21.21	0.00044	-113.14	28.28	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00214	14.14	-113.14	0.00244
7.07	-106.07	0.00280	0.00	-98.99	0.00322
-7.07	-91.92	0.00370	-14.14	-84.85	0.00424
-21.21	-77.78	0.00481	-28.28	-70.71	0.00531
-31.82	-67.18	0.00547	-35.36	-63.64	0.00552
-37.48	-61.52	0.00548	-38.89	-60.10	0.00542
-40.31	-58.69	0.00533	-41.72	-57.28	0.00521
-43.13	-55.86	0.00510	-55.86	-43.13	0.00159
-57.28	-41.72	0.00155	-58.69	-40.31	0.00152
-60.10	-38.89	0.00149	-61.52	-37.48	0.00147
-63.64	-35.36	0.00143	-67.18	-31.82	0.00135
-70.71	-28.28	0.00126	-77.78	-21.21	0.00108
-84.85	-14.14	0.00091	-91.92	-7.07	0.00077
-98.99	0.00	0.00065	-106.07	7.07	0.00056
-113.14	14.14	0.00049	-120.21	21.21	0.00042
14.14	-127.28	0.00220	7.07	-120.21	0.00253
0.00	-113.14	0.00291	-7.07	-106.07	0.00336
-14.14	-98.99	0.00387	-21.21	-91.92	0.00445
-28.28	-84.85	0.00504	-35.36	-77.78	0.00552
-38.89	-74.25	0.00566	-42.43	-70.71	0.00568
-44.55	-68.59	0.00562	-45.96	-67.18	0.00555
-47.38	-65.76	0.00546	-48.79	-64.35	0.00533
-50.20	-62.93	0.00521	-62.93	-50.20	0.00166
-64.35	-48.79	0.00163	-65.76	-47.38	0.00160
-67.18	-45.96	0.00158	-68.59	-44.55	0.00156
-70.71	-42.43	0.00152	-74.25	-38.89	0.00144
-77.78	-35.36	0.00136	-84.85	-28.28	0.00118
-91.92	-21.21	0.00100	-98.99	-14.14	0.00085
-106.07	-7.07	0.00072	-113.14	0.00	0.00061
-120.21	7.07	0.00053	-127.28	14.14	0.00046
7.07	-134.35	0.00220	0.00	-127.28	0.00253
-7.07	-120.21	0.00291	-14.14	-113.14	0.00338
-21.21	-106.07	0.00391	-28.28	-98.99	0.00450
-35.36	-91.92	0.00510	-42.43	-84.85	0.00558
-45.96	-81.32	0.00572	-49.50	-77.78	0.00574
-51.62	-75.66	0.00568	-53.03	-74.25	0.00561

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-54.45	-72.83	0.00551	-55.86	-71.42	0.00539
-57.28	-70.00	0.00526	-70.00	-57.28	0.00171
-71.42	-55.86	0.00167	-72.83	-54.45	0.00165
-74.25	-53.03	0.00163	-75.66	-51.62	0.00161

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00157	-81.32	-45.96	0.00150
-84.85	-42.43	0.00142	-91.92	-35.36	0.00124
-98.99	-28.28	0.00106	-106.07	-21.21	0.00090
-113.14	-14.14	0.00076	-120.21	-7.07	0.00065
-127.28	0.00	0.00055	-134.35	7.07	0.00048
0.00	-141.42	0.00214	-7.07	-134.35	0.00245
-14.14	-127.28	0.00283	-21.21	-120.21	0.00328
-28.28	-113.14	0.00380	-35.36	-106.07	0.00438
-42.43	-98.99	0.00499	-49.50	-91.92	0.00550
-53.03	-88.39	0.00567	-56.57	-84.85	0.00571
-58.69	-82.73	0.00567	-60.10	-81.32	0.00560
-61.52	-79.90	0.00551	-62.93	-78.49	0.00539
-64.35	-77.07	0.00525	-77.07	-64.35	0.00172
-78.49	-62.93	0.00169	-79.90	-61.52	0.00167
-81.32	-60.10	0.00165	-82.73	-58.69	0.00163
-84.85	-56.57	0.00160	-88.39	-53.03	0.00153
-91.92	-49.50	0.00145	-98.99	-42.43	0.00126
-106.07	-35.36	0.00108	-113.14	-28.28	0.00092
-120.21	-21.21	0.00078	-127.28	-14.14	0.00067
-134.35	-7.07	0.00057	-141.42	0.00	0.00049
-7.07	-148.49	0.00202	-14.14	-141.42	0.00231
-21.21	-134.35	0.00265	-28.28	-127.28	0.00306
-35.36	-120.21	0.00353	-42.43	-113.14	0.00407
-49.50	-106.07	0.00466	-56.57	-98.99	0.00522
-60.10	-95.46	0.00542	-63.64	-91.92	0.00553
-65.76	-89.80	0.00552	-67.18	-88.39	0.00548
-68.59	-86.97	0.00541	-70.00	-85.56	0.00530
-71.42	-84.15	0.00518	-84.15	-71.42	0.00171
-85.56	-70.00	0.00167	-86.97	-68.59	0.00165
-88.39	-67.18	0.00164	-89.80	-65.76	0.00162

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-63.64	0.00159	-95.46	-60.10	0.00152
-98.99	-56.57	0.00144	-106.07	-49.50	0.00125
-113.14	-42.43	0.00106	-120.21	-35.36	0.00090
-127.28	-28.28	0.00077	-134.35	-21.21	0.00066
-141.42	-14.14	0.00057	-148.49	-7.07	0.00049
-14.14	-155.56	0.00184	-21.21	-148.49	0.00208
-28.28	-141.42	0.00237	-35.36	-134.35	0.00271
-42.43	-127.28	0.00311	-49.50	-120.21	0.00356
-56.57	-113.14	0.00405	-63.64	-106.07	0.00456
-67.18	-102.53	0.00480	-70.71	-98.99	0.00498

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00505	-74.25	-95.46	0.00506
-75.66	-94.05	0.00505	-77.07	-92.63	0.00500
-78.49	-91.22	0.00494	-91.22	-78.49	0.00165
-92.63	-77.07	0.00162	-94.05	-75.66	0.00160
-95.46	-74.25	0.00158	-96.87	-72.83	0.00156
-98.99	-70.71	0.00153	-102.53	-67.18	0.00145
-106.07	-63.64	0.00136	-113.14	-56.57	0.00118
-120.21	-49.50	0.00100	-127.28	-42.43	0.00085
-134.35	-35.36	0.00073	-141.42	-28.28	0.00063
-148.49	-21.21	0.00055	-155.56	-14.14	0.00047
-21.21	-162.63	0.00162	-28.28	-155.56	0.00181
-35.36	-148.49	0.00203	-42.43	-141.42	0.00227
-49.50	-134.35	0.00255	-56.57	-127.28	0.00284
-63.64	-120.21	0.00315	-70.71	-113.14	0.00343
-74.25	-109.60	0.00355	-77.78	-106.07	0.00366
-79.90	-103.94	0.00371	-81.32	-102.53	0.00375
-82.73	-101.12	0.00379	-84.15	-99.70	0.00385
-85.56	-98.29	0.00393	-98.29	-85.56	0.00148
-99.70	-84.15	0.00144	-101.12	-82.73	0.00140
-102.53	-81.32	0.00138	-103.94	-79.90	0.00135
-106.07	-77.78	0.00131	-109.60	-74.25	0.00125
-113.14	-70.71	0.00118	-120.21	-63.64	0.00103
-127.28	-56.57	0.00089	-134.35	-49.50	0.00077
-141.42	-42.43	0.00067	-148.49	-35.36	0.00058



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-155.56	-28.28	0.00051	-162.63	-21.21	0.00045
-28.28	-169.71	0.00139	-35.36	-162.63	0.00152
-42.43	-155.56	0.00167	-49.50	-148.49	0.00182
-56.57	-141.42	0.00197	-63.64	-134.35	0.00211
-70.71	-127.28	0.00219	-77.78	-120.21	0.00217
-81.32	-116.67	0.00210	-84.85	-113.14	0.00197
-86.97	-111.02	0.00186	-88.39	-109.60	0.00177
-89.80	-108.19	0.00167	-91.22	-106.77	0.00156
-92.63	-105.36	0.00143	-105.36	-92.63	0.00091
-106.77	-91.22	0.00092	-108.19	-89.80	0.00093
-109.60	-88.39	0.00093	-111.02	-86.97	0.00094
-113.14	-84.85	0.00094	-116.67	-81.32	0.00093
-120.21	-77.78	0.00091	-127.28	-70.71	0.00083
-134.35	-63.64	0.00075	-141.42	-56.57	0.00066
-148.49	-49.50	0.00058	-155.56	-42.43	0.00052
-162.63	-35.36	0.00046	-169.71	-28.28	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00117	-42.43	-169.71	0.00126
-49.50	-162.63	0.00134	-56.57	-155.56	0.00142
-63.64	-148.49	0.00149	-70.71	-141.42	0.00152
-77.78	-134.35	0.00149	-84.85	-127.28	0.00138
-88.39	-123.74	0.00128	-91.92	-120.21	0.00115
-94.05	-118.09	0.00107	-95.46	-116.67	0.00101
-96.87	-115.26	0.00096	-98.29	-113.84	0.00090
-99.70	-112.43	0.00085	-112.43	-99.70	0.00065
-113.84	-98.29	0.00065	-115.26	-96.87	0.00065
-116.67	-95.46	0.00066	-118.09	-94.05	0.00066
-120.21	-91.92	0.00067	-123.74	-88.39	0.00068
-127.28	-84.85	0.00069	-134.35	-77.78	0.00067
-141.42	-70.71	0.00062	-148.49	-63.64	0.00056
-155.56	-56.57	0.00050	-162.63	-49.50	0.00045
-169.71	-42.43	0.00041	-176.78	-35.36	0.00037
-42.43	-183.85	0.00097	-49.50	-176.78	0.00103
-56.57	-169.71	0.00107	-63.64	-162.63	0.00111
-70.71	-155.56	0.00112	-77.78	-148.49	0.00111

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-84.85	-141.42	0.00105	-91.92	-134.35	0.00093
-95.46	-130.81	0.00086	-98.99	-127.28	0.00080
-101.12	-125.16	0.00076	-102.53	-123.74	0.00073
-103.94	-122.33	0.00070	-105.36	-120.92	0.00067
-106.77	-119.50	0.00064	-119.50	-106.77	0.00052
-120.92	-105.36	0.00052	-122.33	-103.94	0.00052
-123.74	-102.53	0.00052	-125.16	-101.12	0.00052
-127.28	-98.99	0.00052	-130.81	-95.46	0.00052
-134.35	-91.92	0.00052	-141.42	-84.85	0.00052
-148.49	-77.78	0.00050	-155.56	-70.71	0.00047
-162.63	-63.64	0.00043	-169.71	-56.57	0.00040
-176.78	-49.50	0.00036	-183.85	-42.43	0.00033
-49.50	-190.92	0.00081	-56.57	-183.85	0.00084
-63.64	-176.78	0.00086	-70.71	-169.71	0.00086
-77.78	-162.63	0.00085	-84.85	-155.56	0.00082
-91.92	-148.49	0.00076	-98.99	-141.42	0.00068
-102.53	-137.89	0.00065	-106.07	-134.35	0.00061
-108.19	-132.23	0.00059	-109.60	-130.81	0.00057
-111.02	-129.40	0.00055	-112.43	-127.99	0.00053
-113.84	-126.57	0.00051	-126.57	-113.84	0.00043
-127.99	-112.43	0.00043	-129.40	-111.02	0.00043
-130.81	-109.60	0.00042	-132.23	-108.19	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00042	-137.89	-102.53	0.00042
-141.42	-98.99	0.00042	-148.49	-91.92	0.00042
-155.56	-84.85	0.00040	-162.63	-77.78	0.00039
-169.71	-70.71	0.00037	-176.78	-63.64	0.00034
-183.85	-56.57	0.00032	-190.92	-49.50	0.00029
-56.57	-197.99	0.00067	-63.64	-190.92	0.00068
-70.71	-183.85	0.00069	-77.78	-176.78	0.00068
-84.85	-169.71	0.00065	-91.92	-162.63	0.00062
-98.99	-155.56	0.00057	-106.07	-148.49	0.00053
-109.60	-144.96	0.00051	-113.14	-141.42	0.00049
-115.26	-139.30	0.00047	-116.67	-137.89	0.00046
-118.09	-136.47	0.00044	-119.50	-135.06	0.00043

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.92	-133.64	0.00041	-133.64	-120.92	0.00036
-135.06	-119.50	0.00036	-136.47	-118.09	0.00036
-137.89	-116.67	0.00035	-139.30	-115.26	0.00035
-141.42	-113.14	0.00035	-144.96	-109.60	0.00035
-148.49	-106.07	0.00035	-155.56	-98.99	0.00034
-162.63	-91.92	0.00033	-169.71	-84.85	0.00032
-176.78	-77.78	0.00031	-183.85	-70.71	0.00029
-190.92	-63.64	0.00028	-197.99	-56.57	0.00026
-63.64	-205.06	0.00056	-70.71	-197.99	0.00056
-77.78	-190.92	0.00055	-84.85	-183.85	0.00053
-91.92	-176.78	0.00051	-98.99	-169.71	0.00048
-106.07	-162.63	0.00046	-113.14	-155.56	0.00043
-116.67	-152.03	0.00042	-120.21	-148.49	0.00040
-122.33	-146.37	0.00039	-123.74	-144.96	0.00037
-125.16	-143.54	0.00036	-126.57	-142.13	0.00035
-127.99	-140.71	0.00034	-140.71	-127.99	0.00031
-142.13	-126.57	0.00031	-143.54	-125.16	0.00030
-144.96	-123.74	0.00030	-146.37	-122.33	0.00030
-148.49	-120.21	0.00029	-152.03	-116.67	0.00029
-155.56	-113.14	0.00029	-162.63	-106.07	0.00029
-169.71	-98.99	0.00028	-176.78	-91.92	0.00027
-183.85	-84.85	0.00026	-190.92	-77.78	0.00025
-197.99	-70.71	0.00024	-205.06	-63.64	0.00023
-70.71	-212.13	0.00046	-77.78	-205.06	0.00046
-84.85	-197.99	0.00045	-91.92	-190.92	0.00043
-98.99	-183.85	0.00041	-106.07	-176.78	0.00039
-113.14	-169.71	0.00038	-120.21	-162.63	0.00036
-123.74	-159.10	0.00035	-127.28	-155.56	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00032	-130.81	-152.03	0.00031
-132.23	-150.61	0.00030	-133.64	-149.20	0.00029
-135.06	-147.79	0.00028	-147.79	-135.06	0.00026
-149.20	-133.64	0.00026	-150.61	-132.23	0.00026
-152.03	-130.81	0.00026	-153.44	-129.40	0.00026
-155.56	-127.28	0.00025	-159.10	-123.74	0.00025

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-162.63	-120.21	0.00025	-169.71	-113.14	0.00025
-176.78	-106.07	0.00024	-183.85	-98.99	0.00024
-190.92	-91.92	0.00023	-197.99	-84.85	0.00022
-205.06	-77.78	0.00021	-212.13	-70.71	0.00020
-77.78	-219.20	0.00039	-84.85	-212.13	0.00038
-91.92	-205.06	0.00037	-98.99	-197.99	0.00035
-106.07	-190.92	0.00034	-113.14	-183.85	0.00033
-120.21	-176.78	0.00032	-127.28	-169.71	0.00030
-130.81	-166.17	0.00029	-134.35	-162.63	0.00028
-136.47	-160.51	0.00027	-137.89	-159.10	0.00026
-139.30	-157.68	0.00025	-140.71	-156.27	0.00025
-142.13	-154.86	0.00024	-154.86	-142.13	0.00023
-156.27	-140.71	0.00023	-157.68	-139.30	0.00023
-159.10	-137.89	0.00022	-160.51	-136.47	0.00022
-162.63	-134.35	0.00022	-166.17	-130.81	0.00021
-169.71	-127.28	0.00021	-176.78	-120.21	0.00021
-183.85	-113.14	0.00021	-190.92	-106.07	0.00021
-197.99	-98.99	0.00020	-205.06	-91.92	0.00019
-212.13	-84.85	0.00018	-219.20	-77.78	0.00017
-84.85	-226.27	0.00032	-91.92	-219.20	0.00031
-98.99	-212.13	0.00030	-106.07	-205.06	0.00029
-113.14	-197.99	0.00029	-120.21	-190.92	0.00028
-127.28	-183.85	0.00027	-134.35	-176.78	0.00026
-137.89	-173.24	0.00025	-141.42	-169.71	0.00024
-143.54	-167.58	0.00023	-144.96	-166.17	0.00022
-146.37	-164.76	0.00022	-147.79	-163.34	0.00021
-149.20	-161.93	0.00021	-161.93	-149.20	0.00020
-163.34	-147.79	0.00020	-164.76	-146.37	0.00020
-166.17	-144.96	0.00020	-167.58	-143.54	0.00019
-169.71	-141.42	0.00019	-173.24	-137.89	0.00019
-176.78	-134.35	0.00018	-183.85	-127.28	0.00018
-190.92	-120.21	0.00018	-197.99	-113.14	0.00018
-205.06	-106.07	0.00018	-212.13	-98.99	0.00017
-219.20	-91.92	0.00016	-226.27	-84.85	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-91.92	-233.35	0.00027	-98.99	-226.27	0.00027
-106.07	-219.20	0.00026	-113.14	-212.13	0.00025
-120.21	-205.06	0.00025	-127.28	-197.99	0.00024
-134.35	-190.92	0.00023	-141.42	-183.85	0.00022
-144.96	-180.31	0.00021	-148.49	-176.78	0.00020
-150.61	-174.66	0.00020	-152.03	-173.24	0.00019
-153.44	-171.83	0.00019	-154.86	-170.41	0.00018
-156.27	-169.00	0.00018	-169.00	-156.27	0.00017
-170.41	-154.86	0.00017	-171.83	-153.44	0.00017
-173.24	-152.03	0.00017	-174.66	-150.61	0.00017
-176.78	-148.49	0.00017	-180.31	-144.96	0.00017
-183.85	-141.42	0.00016	-190.92	-134.35	0.00016
-197.99	-127.28	0.00016	-205.06	-120.21	0.00016
-212.13	-113.14	0.00016	-219.20	-106.07	0.00015
-226.27	-98.99	0.00015	-233.35	-91.92	0.00014
-98.99	-240.42	0.00023	-106.07	-233.35	0.00023
-113.14	-226.27	0.00022	-120.21	-219.20	0.00022
-127.28	-212.13	0.00021	-134.35	-205.06	0.00021
-141.42	-197.99	0.00020	-148.49	-190.92	0.00019
-152.03	-187.38	0.00018	-155.56	-183.85	0.00018
-157.68	-181.73	0.00017	-159.10	-180.31	0.00017
-160.51	-178.90	0.00016	-161.93	-177.48	0.00016
-163.34	-176.07	0.00016	-176.07	-163.34	0.00015
-177.48	-161.93	0.00015	-178.90	-160.51	0.00015
-180.31	-159.10	0.00015	-181.73	-157.68	0.00015
-183.85	-155.56	0.00015	-187.38	-152.03	0.00015
-190.92	-148.49	0.00014	-197.99	-141.42	0.00014
-205.06	-134.35	0.00014	-212.13	-127.28	0.00014
-219.20	-120.21	0.00014	-226.27	-113.14	0.00014
-233.35	-106.07	0.00013	-240.42	-98.99	0.00013
-106.07	-247.49	0.00020	-113.14	-240.42	0.00020
-120.21	-233.35	0.00019	-127.28	-226.27	0.00019
-134.35	-219.20	0.00019	-141.42	-212.13	0.00019
-148.49	-205.06	0.00018	-155.56	-197.99	0.00017
-159.10	-194.45	0.00016	-162.63	-190.92	0.00015
-164.76	-188.80	0.00015	-166.17	-187.38	0.00015
-167.58	-185.97	0.00014	-169.00	-184.55	0.00014
-170.41	-183.14	0.00014	-183.14	-170.41	0.00014
-184.55	-169.00	0.00014	-185.97	-167.58	0.00014
-187.38	-166.17	0.00014	-188.80	-164.76	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00013	-194.45	-159.10	0.00013	
-197.99	-155.56	0.00013	-205.06	-148.49	0.00012	
-212.13	-141.42	0.00012	-219.20	-134.35	0.00012	
-226.27	-127.28	0.00012	-233.35	-120.21	0.00012	
-240.42	-113.14	0.00012	-247.49	-106.07	0.00012	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00004	240.42	113.14	0.00004	
233.35	120.21	0.00004	226.27	127.28	0.00004	
219.20	134.35	0.00004	212.13	141.42	0.00004	
205.06	148.49	0.00003	197.99	155.56	0.00003	
194.45	159.10	0.00003	190.92	162.63	0.00003	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00003	
169.00	184.55	0.00003	167.58	185.97	0.00003	
166.17	187.38	0.00003	164.76	188.80	0.00003	
162.63	190.92	0.00003	159.10	194.45	0.00003	
155.56	197.99	0.00003	148.49	205.06	0.00003	
141.42	212.13	0.00002	134.35	219.20	0.00002	
127.28	226.27	0.00002	120.21	233.35	0.00002	
113.14	240.42	0.00002	106.07	247.49	0.00002	
240.42	98.99	0.00005	233.35	106.07	0.00004	
226.27	113.14	0.00004	219.20	120.21	0.00004	
212.13	127.28	0.00004	205.06	134.35	0.00004	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00003	
181.73	157.68	0.00003	180.31	159.10	0.00003	
178.90	160.51	0.00003	177.48	161.93	0.00003	
176.07	163.34	0.00003	163.34	176.07	0.00003	

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

161.93	177.48	0.00003	160.51	178.90	0.00003
159.10	180.31	0.00003	157.68	181.73	0.00003
155.56	183.85	0.00003	152.03	187.38	0.00003
148.49	190.92	0.00003	141.42	197.99	0.00003
134.35	205.06	0.00003	127.28	212.13	0.00003
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00005	226.27	98.99	0.00005
219.20	106.07	0.00005	212.13	113.14	0.00004
205.06	120.21	0.00004	197.99	127.28	0.00004
190.92	134.35	0.00004	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00003
154.86	170.41	0.00003	153.44	171.83	0.00003
152.03	173.24	0.00003	150.61	174.66	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00003	144.96	180.31	0.00003
141.42	183.85	0.00003	134.35	190.92	0.00003
127.28	197.99	0.00003	120.21	205.06	0.00003
113.14	212.13	0.00003	106.07	219.20	0.00003
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00006	219.20	91.92	0.00006
212.13	98.99	0.00005	205.06	106.07	0.00005
197.99	113.14	0.00005	190.92	120.21	0.00005
183.85	127.28	0.00005	176.78	134.35	0.00004
173.24	137.89	0.00004	169.71	141.42	0.00004
167.58	143.54	0.00004	166.17	144.96	0.00004
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00004
147.79	163.34	0.00004	146.37	164.76	0.00004
144.96	166.17	0.00004	143.54	167.58	0.00004
141.42	169.71	0.00004	137.89	173.24	0.00004
134.35	176.78	0.00004	127.28	183.85	0.00003





15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

190.92	77.78	0.00008	183.85	84.85	0.00007
176.78	91.92	0.00007	169.71	98.99	0.00006
162.63	106.07	0.00006	155.56	113.14	0.00006
152.03	116.67	0.00006	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00005
143.54	125.16	0.00005	142.13	126.57	0.00005
140.71	127.99	0.00005	127.99	140.71	0.00005
126.57	142.13	0.00005	125.16	143.54	0.00005
123.74	144.96	0.00005	122.33	146.37	0.00005
120.21	148.49	0.00005	116.67	152.03	0.00005
113.14	155.56	0.00005	106.07	162.63	0.00004
98.99	169.71	0.00004	91.92	176.78	0.00004
84.85	183.85	0.00004	77.78	190.92	0.00004
70.71	197.99	0.00003	63.64	205.06	0.00003
197.99	56.57	0.00011	190.92	63.64	0.00010
183.85	70.71	0.00009	176.78	77.78	0.00008
169.71	84.85	0.00008	162.63	91.92	0.00007
155.56	98.99	0.00007	148.49	106.07	0.00007
144.96	109.60	0.00006	141.42	113.14	0.00006
139.30	115.26	0.00006	137.89	116.67	0.00006
136.47	118.09	0.00006	135.06	119.50	0.00006
133.64	120.92	0.00006	120.92	133.64	0.00006
119.50	135.06	0.00006	118.09	136.47	0.00006
116.67	137.89	0.00005	115.26	139.30	0.00005
113.14	141.42	0.00005	109.60	144.96	0.00005
106.07	148.49	0.00005	98.99	155.56	0.00005
91.92	162.63	0.00004	84.85	169.71	0.00004
77.78	176.78	0.00004	70.71	183.85	0.00004
63.64	190.92	0.00004	56.57	197.99	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00013	183.85	56.57	0.00012
176.78	63.64	0.00011	169.71	70.71	0.00010
162.63	77.78	0.00009	155.56	84.85	0.00008
148.49	91.92	0.00008	141.42	98.99	0.00007
137.89	102.53	0.00007	134.35	106.07	0.00007

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

132.23	108.19	0.00007	130.81	109.60	0.00007
129.40	111.02	0.00007	127.99	112.43	0.00007
126.57	113.84	0.00007	113.84	126.57	0.00006
112.43	127.99	0.00006	111.02	129.40	0.00006
109.60	130.81	0.00006	108.19	132.23	0.00006
106.07	134.35	0.00006	102.53	137.89	0.00006
98.99	141.42	0.00005	91.92	148.49	0.00005
84.85	155.56	0.00005	77.78	162.63	0.00005
70.71	169.71	0.00004	63.64	176.78	0.00004
56.57	183.85	0.00004	49.50	190.92	0.00004
183.85	42.43	0.00016	176.78	49.50	0.00014
169.71	56.57	0.00013	162.63	63.64	0.00012
155.56	70.71	0.00010	148.49	77.78	0.00010
141.42	84.85	0.00009	134.35	91.92	0.00009
130.81	95.46	0.00008	127.28	98.99	0.00008
125.16	101.12	0.00008	123.74	102.53	0.00008
122.33	103.94	0.00008	120.92	105.36	0.00008
119.50	106.77	0.00008	106.77	119.50	0.00007
105.36	120.92	0.00007	103.94	122.33	0.00007
102.53	123.74	0.00007	101.12	125.16	0.00007
98.99	127.28	0.00007	95.46	130.81	0.00006
91.92	134.35	0.00006	84.85	141.42	0.00006
77.78	148.49	0.00005	70.71	155.56	0.00005
63.64	162.63	0.00005	56.57	169.71	0.00005
49.50	176.78	0.00004	42.43	183.85	0.00004
176.78	35.36	0.00019	169.71	42.43	0.00018
162.63	49.50	0.00016	155.56	56.57	0.00014
148.49	63.64	0.00013	141.42	70.71	0.00011
134.35	77.78	0.00010	127.28	84.85	0.00010
123.74	88.39	0.00010	120.21	91.92	0.00009
118.09	94.05	0.00009	116.67	95.46	0.00009
115.26	96.87	0.00009	113.84	98.29	0.00009
112.43	99.70	0.00009	99.70	112.43	0.00008
98.29	113.84	0.00008	96.87	115.26	0.00008
95.46	116.67	0.00008	94.05	118.09	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00007	88.39	123.74	0.00007
84.85	127.28	0.00007	77.78	134.35	0.00006
70.71	141.42	0.00006	63.64	148.49	0.00006
56.57	155.56	0.00005	49.50	162.63	0.00005
42.43	169.71	0.00005	35.36	176.78	0.00005
169.71	28.28	0.00023	162.63	35.36	0.00022
155.56	42.43	0.00020	148.49	49.50	0.00018
141.42	56.57	0.00015	134.35	63.64	0.00014
127.28	70.71	0.00012	120.21	77.78	0.00011
116.67	81.32	0.00011	113.14	84.85	0.00011
111.02	86.97	0.00011	109.60	88.39	0.00010
108.19	89.80	0.00010	106.77	91.22	0.00010
105.36	92.63	0.00010	92.63	105.36	0.00009
91.22	106.77	0.00009	89.80	108.19	0.00009
88.39	109.60	0.00009	86.97	111.02	0.00009
84.85	113.14	0.00008	81.32	116.67	0.00008
77.78	120.21	0.00008	70.71	127.28	0.00007
63.64	134.35	0.00007	56.57	141.42	0.00006
49.50	148.49	0.00006	42.43	155.56	0.00006
35.36	162.63	0.00006	28.28	169.71	0.00005
162.63	21.21	0.00029	155.56	28.28	0.00027
148.49	35.36	0.00025	141.42	42.43	0.00022
134.35	49.50	0.00019	127.28	56.57	0.00017
120.21	63.64	0.00015	113.14	70.71	0.00014
109.60	74.25	0.00013	106.07	77.78	0.00013
103.94	79.90	0.00012	102.53	81.32	0.00012
101.12	82.73	0.00012	99.70	84.15	0.00012
98.29	85.56	0.00012	85.56	98.29	0.00011
84.15	99.70	0.00010	82.73	101.12	0.00010
81.32	102.53	0.00010	79.90	103.94	0.00010
77.78	106.07	0.00010	74.25	109.60	0.00009
70.71	113.14	0.00009	63.64	120.21	0.00008
56.57	127.28	0.00008	49.50	134.35	0.00007
42.43	141.42	0.00007	35.36	148.49	0.00006
28.28	155.56	0.00006	21.21	162.63	0.00006
155.56	14.14	0.00036	148.49	21.21	0.00034
141.42	28.28	0.00031	134.35	35.36	0.00028
127.28	42.43	0.00025	120.21	49.50	0.00022
113.14	56.57	0.00019	106.07	63.64	0.00016
102.53	67.18	0.00016	98.99	70.71	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00015	95.46	74.25	0.00014
94.05	75.66	0.00014	92.63	77.07	0.00014
91.22	78.49	0.00014	78.49	91.22	0.00012
77.07	92.63	0.00012	75.66	94.05	0.00012
74.25	95.46	0.00012	72.83	96.87	0.00011
70.71	98.99	0.00011	67.18	102.53	0.00010
63.64	106.07	0.00010	56.57	113.14	0.00009
49.50	120.21	0.00009	42.43	127.28	0.00008
35.36	134.35	0.00008	28.28	141.42	0.00007
21.21	148.49	0.00007	14.14	155.56	0.00007
148.49	7.07	0.00045	141.42	14.14	0.00043
134.35	21.21	0.00041	127.28	28.28	0.00037
120.21	35.36	0.00033	113.14	42.43	0.00028
106.07	49.50	0.00024	98.99	56.57	0.00020
95.46	60.10	0.00019	91.92	63.64	0.00018
89.80	65.76	0.00018	88.39	67.18	0.00017
86.97	68.59	0.00017	85.56	70.00	0.00017
84.15	71.42	0.00016	71.42	84.15	0.00014
70.00	85.56	0.00014	68.59	86.97	0.00014
67.18	88.39	0.00013	65.76	89.80	0.00013
63.64	91.92	0.00013	60.10	95.46	0.00012
56.57	98.99	0.00011	49.50	106.07	0.00011
42.43	113.14	0.00010	35.36	120.21	0.00009
28.28	127.28	0.00009	21.21	134.35	0.00009
14.14	141.42	0.00009	7.07	148.49	0.00008
141.42	0.00	0.00057	134.35	7.07	0.00056
127.28	14.14	0.00053	120.21	21.21	0.00050
113.14	28.28	0.00045	106.07	35.36	0.00039
98.99	42.43	0.00033	91.92	49.50	0.00027
88.39	53.03	0.00025	84.85	56.57	0.00023
82.73	58.69	0.00022	81.32	60.10	0.00022
79.90	61.52	0.00021	78.49	62.93	0.00021
77.07	64.35	0.00020	64.35	77.07	0.00017
62.93	78.49	0.00017	61.52	79.90	0.00016
60.10	81.32	0.00016	58.69	82.73	0.00015
56.57	84.85	0.00015	53.03	88.39	0.00014
49.50	91.92	0.00013	42.43	98.99	0.00012

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	106.07	0.00012	28.28	113.14	0.00011
21.21	120.21	0.00011	14.14	127.28	0.00011
7.07	134.35	0.00010	0.00	141.42	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00072	127.28	0.00	0.00072
120.21	7.07	0.00071	113.14	14.14	0.00068
106.07	21.21	0.00062	98.99	28.28	0.00055
91.92	35.36	0.00047	84.85	42.43	0.00037
81.32	45.96	0.00033	77.78	49.50	0.00030
75.66	51.62	0.00029	74.25	53.03	0.00028
72.83	54.45	0.00027	71.42	55.86	0.00026
70.00	57.28	0.00026	57.28	70.00	0.00021
55.86	71.42	0.00020	54.45	72.83	0.00020
53.03	74.25	0.00019	51.62	75.66	0.00018
49.50	77.78	0.00018	45.96	81.32	0.00017
42.43	84.85	0.00016	35.36	91.92	0.00015
28.28	98.99	0.00014	21.21	106.07	0.00014
14.14	113.14	0.00013	7.07	120.21	0.00013
0.00	127.28	0.00013	-7.07	134.35	0.00013
127.28	-14.14	0.00090	120.21	-7.07	0.00092
113.14	0.00	0.00093	106.07	7.07	0.00092
98.99	14.14	0.00089	91.92	21.21	0.00081
84.85	28.28	0.00070	77.78	35.36	0.00056
74.25	38.89	0.00049	70.71	42.43	0.00043
68.59	44.55	0.00039	67.18	45.96	0.00038
65.76	47.38	0.00036	64.35	48.79	0.00035
62.93	50.20	0.00033	50.20	62.93	0.00026
48.79	64.35	0.00025	47.38	65.76	0.00024
45.96	67.18	0.00023	44.55	68.59	0.00022
42.43	70.71	0.00021	38.89	74.25	0.00020
35.36	77.78	0.00019	28.28	84.85	0.00019
21.21	91.92	0.00018	14.14	98.99	0.00018
7.07	106.07	0.00017	0.00	113.14	0.00017
-7.07	120.21	0.00016	-14.14	127.28	0.00016
120.21	-21.21	0.00110	113.14	-14.14	0.00116

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	-7.07	0.00121	98.99	0.00	0.00125
91.92	7.07	0.00126	84.85	14.14	0.00122
77.78	21.21	0.00111	70.71	28.28	0.00093
67.18	31.82	0.00081	63.64	35.36	0.00068
61.52	37.48	0.00061	60.10	38.89	0.00057
58.69	40.31	0.00053	57.28	41.72	0.00049
55.86	43.13	0.00047	43.13	55.86	0.00032
41.72	57.28	0.00031	40.31	58.69	0.00030
38.89	60.10	0.00029	37.48	61.52	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00027	31.82	67.18	0.00026
28.28	70.71	0.00025	21.21	77.78	0.00025
14.14	84.85	0.00024	7.07	91.92	0.00024
0.00	98.99	0.00023	-7.07	106.07	0.00022
-14.14	113.14	0.00020	-21.21	120.21	0.00019
113.14	-28.28	0.00134	106.07	-21.21	0.00145
98.99	-14.14	0.00155	91.92	-7.07	0.00166
84.85	0.00	0.00174	77.78	7.07	0.00179
70.71	14.14	0.00178	63.64	21.21	0.00163
60.10	24.75	0.00149	56.57	28.28	0.00128
54.45	30.41	0.00114	53.03	31.82	0.00104
51.62	33.23	0.00094	50.20	34.65	0.00084
48.79	36.06	0.00075	36.06	48.79	0.00042
34.65	50.20	0.00040	33.23	51.62	0.00039
31.82	53.03	0.00038	30.41	54.45	0.00037
28.28	56.57	0.00037	24.75	60.10	0.00036
21.21	63.64	0.00036	14.14	70.71	0.00036
7.07	77.78	0.00034	0.00	84.85	0.00032
-7.07	91.92	0.00030	-14.14	98.99	0.00028
-21.21	106.07	0.00025	-28.28	113.14	0.00023
106.07	-35.36	0.00159	98.99	-28.28	0.00176
91.92	-21.21	0.00194	84.85	-14.14	0.00213
77.78	-7.07	0.00234	70.71	0.00	0.00254
63.64	7.07	0.00272	56.57	14.14	0.00280
53.03	17.68	0.00277	49.50	21.21	0.00265

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

47.38	23.33	0.00251	45.96	24.75	0.00239
44.55	26.16	0.00223	43.13	27.58	0.00203
41.72	28.99	0.00178	28.99	41.72	0.00061
27.58	43.13	0.00061	26.16	44.55	0.00061
24.75	45.96	0.00061	23.33	47.38	0.00061
21.21	49.50	0.00061	17.68	53.03	0.00060
14.14	56.57	0.00058	7.07	63.64	0.00053
0.00	70.71	0.00048	-7.07	77.78	0.00043
-14.14	84.85	0.00039	-21.21	91.92	0.00035
-28.28	98.99	0.00031	-35.36	106.07	0.00028
98.99	-42.43	0.00182	91.92	-35.36	0.00204
84.85	-28.28	0.00230	77.78	-21.21	0.00259
70.71	-14.14	0.00292	63.64	-7.07	0.00329
56.57	0.00	0.00369	49.50	7.07	0.00408
45.96	10.61	0.00425	42.43	14.14	0.00435

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00438	38.89	17.68	0.00437
37.48	19.09	0.00436	36.06	20.51	0.00435
34.65	21.92	0.00433	21.92	34.65	0.00120
20.51	36.06	0.00114	19.09	37.48	0.00110
17.68	38.89	0.00107	16.26	40.31	0.00104
14.14	42.43	0.00100	10.61	45.96	0.00093
7.07	49.50	0.00087	0.00	56.57	0.00075
-7.07	63.64	0.00064	-14.14	70.71	0.00056
-21.21	77.78	0.00049	-28.28	84.85	0.00043
-35.36	91.92	0.00038	-42.43	98.99	0.00034
91.92	-49.50	0.00201	84.85	-42.43	0.00228
77.78	-35.36	0.00259	70.71	-28.28	0.00296
63.64	-21.21	0.00339	56.57	-14.14	0.00387
49.50	-7.07	0.00439	42.43	0.00	0.00488
38.89	3.54	0.00507	35.36	7.07	0.00518
33.23	9.19	0.00518	31.82	10.61	0.00514
30.41	12.02	0.00508	28.99	13.44	0.00500
27.58	14.85	0.00491	14.85	27.58	0.00146
13.44	28.99	0.00142	12.02	30.41	0.00138

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

10.61	31.82	0.00135	9.19	33.23	0.00132
7.07	35.36	0.00128	3.54	38.89	0.00119
0.00	42.43	0.00110	-7.07	49.50	0.00093
-14.14	56.57	0.00079	-21.21	63.64	0.00067
-28.28	70.71	0.00058	-35.36	77.78	0.00050
-42.43	84.85	0.00044	-49.50	91.92	0.00038
84.85	-56.57	0.00214	77.78	-49.50	0.00244
70.71	-42.43	0.00280	63.64	-35.36	0.00322
56.57	-28.28	0.00370	49.50	-21.21	0.00424
42.43	-14.14	0.00481	35.36	-7.07	0.00531
31.82	-3.54	0.00547	28.28	0.00	0.00552
26.16	2.12	0.00548	24.75	3.54	0.00542
23.33	4.95	0.00533	21.92	6.36	0.00521
20.51	7.78	0.00510	7.78	20.51	0.00159
6.36	21.92	0.00155	4.95	23.33	0.00152
3.54	24.75	0.00149	2.12	26.16	0.00147
0.00	28.28	0.00143	-3.54	31.82	0.00135
-7.07	35.36	0.00126	-14.14	42.43	0.00108
-21.21	49.50	0.00091	-28.28	56.57	0.00077
-35.36	63.64	0.00065	-42.43	70.71	0.00056
-49.50	77.78	0.00049	-56.57	84.85	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00220	70.71	-56.57	0.00253
63.64	-49.50	0.00291	56.57	-42.43	0.00336
49.50	-35.36	0.00387	42.43	-28.28	0.00445
35.36	-21.21	0.00504	28.28	-14.14	0.00552
24.75	-10.61	0.00566	21.21	-7.07	0.00568
19.09	-4.95	0.00562	17.68	-3.54	0.00555
16.26	-2.12	0.00546	14.85	-0.71	0.00533
13.44	0.71	0.00521	0.71	13.44	0.00166
-0.71	14.85	0.00163	-2.12	16.26	0.00160
-3.54	17.68	0.00158	-4.95	19.09	0.00156
-7.07	21.21	0.00152	-10.61	24.75	0.00144
-14.14	28.28	0.00136	-21.21	35.36	0.00118
-28.28	42.43	0.00100	-35.36	49.50	0.00085



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-42.43	56.57	0.00072	-49.50	63.64	0.00061
-56.57	70.71	0.00053	-63.64	77.78	0.00046
70.71	-70.71	0.00220	63.64	-63.64	0.00253
56.57	-56.57	0.00291	49.50	-49.50	0.00338
42.43	-42.43	0.00391	35.36	-35.36	0.00450
28.28	-28.28	0.00510	21.21	-21.21	0.00558
17.68	-17.68	0.00572	14.14	-14.14	0.00574
12.02	-12.02	0.00568	10.61	-10.61	0.00561
9.19	-9.19	0.00551	7.78	-7.78	0.00539
6.36	-6.36	0.00526	-6.36	6.36	0.00171
-7.78	7.78	0.00167	-9.19	9.19	0.00165
-10.61	10.61	0.00163	-12.02	12.02	0.00161
-14.14	14.14	0.00157	-17.68	17.68	0.00150
-21.21	21.21	0.00142	-28.28	28.28	0.00124
-35.36	35.36	0.00106	-42.43	42.43	0.00090
-49.50	49.50	0.00076	-56.57	56.57	0.00065
-63.64	63.64	0.00055	-70.71	70.71	0.00048
63.64	-77.78	0.00214	56.57	-70.71	0.00245
49.50	-63.64	0.00283	42.43	-56.57	0.00328
35.36	-49.50	0.00380	28.28	-42.43	0.00438
21.21	-35.36	0.00499	14.14	-28.28	0.00550
10.61	-24.75	0.00567	7.07	-21.21	0.00571
4.95	-19.09	0.00567	3.54	-17.68	0.00560
2.12	-16.26	0.00551	0.71	-14.85	0.00539
-0.71	-13.44	0.00526	-13.44	-0.71	0.00172
-14.85	0.71	0.00169	-16.26	2.12	0.00167
-17.68	3.54	0.00165	-19.09	4.95	0.00163

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00160	-24.75	10.61	0.00153
-28.28	14.14	0.00145	-35.36	21.21	0.00126
-42.43	28.28	0.00108	-49.50	35.36	0.00092
-56.57	42.43	0.00078	-63.64	49.50	0.00067
-70.71	56.57	0.00057	-77.78	63.64	0.00049
56.57	-84.85	0.00202	49.50	-77.78	0.00231
42.43	-70.71	0.00265	35.36	-63.64	0.00306

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

28.28	-56.57	0.00353	21.21	-49.50	0.00407
14.14	-42.43	0.00466	7.07	-35.36	0.00522
3.54	-31.82	0.00542	0.00	-28.28	0.00553
-2.12	-26.16	0.00552	-3.54	-24.75	0.00548
-4.95	-23.33	0.00541	-6.36	-21.92	0.00530
-7.78	-20.51	0.00518	-20.51	-7.78	0.00171
-21.92	-6.36	0.00167	-23.33	-4.95	0.00165
-24.75	-3.54	0.00164	-26.16	-2.12	0.00162
-28.28	0.00	0.00159	-31.82	3.54	0.00152
-35.36	7.07	0.00144	-42.43	14.14	0.00125
-49.50	21.21	0.00106	-56.57	28.28	0.00090
-63.64	35.36	0.00077	-70.71	42.43	0.00066
-77.78	49.50	0.00057	-84.85	56.57	0.00049
49.50	-91.92	0.00184	42.43	-84.85	0.00208
35.36	-77.78	0.00237	28.28	-70.71	0.00271
21.21	-63.64	0.00311	14.14	-56.57	0.00356
7.07	-49.50	0.00405	0.00	-42.43	0.00456
-3.54	-38.89	0.00480	-7.07	-35.36	0.00498
-9.19	-33.23	0.00505	-10.61	-31.82	0.00506
-12.02	-30.41	0.00505	-13.44	-28.99	0.00500
-14.85	-27.58	0.00494	-27.58	-14.85	0.00165
-28.99	-13.44	0.00162	-30.41	-12.02	0.00160
-31.82	-10.61	0.00158	-33.23	-9.19	0.00156
-35.36	-7.07	0.00153	-38.89	-3.54	0.00145
-42.43	0.00	0.00136	-49.50	7.07	0.00118
-56.57	14.14	0.00100	-63.64	21.21	0.00085
-70.71	28.28	0.00073	-77.78	35.36	0.00063
-84.85	42.43	0.00055	-91.92	49.50	0.00047
42.43	-98.99	0.00162	35.36	-91.92	0.00181
28.28	-84.85	0.00203	21.21	-77.78	0.00227
14.14	-70.71	0.00255	7.07	-63.64	0.00284
0.00	-56.57	0.00315	-7.07	-49.50	0.00343
-10.61	-45.96	0.00355	-14.14	-42.43	0.00366

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00371	-17.68	-38.89	0.00375

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-19.09	-37.48	0.00379	-20.51	-36.06	0.00385
-21.92	-34.65	0.00393	-34.65	-21.92	0.00148
-36.06	-20.51	0.00144	-37.48	-19.09	0.00140
-38.89	-17.68	0.00138	-40.31	-16.26	0.00135
-42.43	-14.14	0.00131	-45.96	-10.61	0.00125
-49.50	-7.07	0.00118	-56.57	0.00	0.00103
-63.64	7.07	0.00089	-70.71	14.14	0.00077
-77.78	21.21	0.00067	-84.85	28.28	0.00058
-91.92	35.36	0.00051	-98.99	42.43	0.00045
35.36	-106.07	0.00139	28.28	-98.99	0.00152
21.21	-91.92	0.00167	14.14	-84.85	0.00182
7.07	-77.78	0.00197	0.00	-70.71	0.00211
-7.07	-63.64	0.00219	-14.14	-56.57	0.00217
-17.68	-53.03	0.00210	-21.21	-49.50	0.00197
-23.33	-47.38	0.00186	-24.75	-45.96	0.00177
-26.16	-44.55	0.00167	-27.58	-43.13	0.00156
-28.99	-41.72	0.00143	-41.72	-28.99	0.00091
-43.13	-27.58	0.00092	-44.55	-26.16	0.00093
-45.96	-24.75	0.00093	-47.38	-23.33	0.00094
-49.50	-21.21	0.00094	-53.03	-17.68	0.00093
-56.57	-14.14	0.00091	-63.64	-7.07	0.00083
-70.71	0.00	0.00075	-77.78	7.07	0.00066
-84.85	14.14	0.00058	-91.92	21.21	0.00052
-98.99	28.28	0.00046	-106.07	35.36	0.00041
28.28	-113.14	0.00117	21.21	-106.07	0.00126
14.14	-98.99	0.00134	7.07	-91.92	0.00142
0.00	-84.85	0.00149	-7.07	-77.78	0.00152
-14.14	-70.71	0.00149	-21.21	-63.64	0.00138
-24.75	-60.10	0.00128	-28.28	-56.57	0.00115
-30.41	-54.45	0.00107	-31.82	-53.03	0.00101
-33.23	-51.62	0.00096	-34.65	-50.20	0.00090
-36.06	-48.79	0.00085	-48.79	-36.06	0.00065
-50.20	-34.65	0.00065	-51.62	-33.23	0.00065
-53.03	-31.82	0.00066	-54.45	-30.41	0.00066
-56.57	-28.28	0.00067	-60.10	-24.75	0.00068
-63.64	-21.21	0.00069	-70.71	-14.14	0.00067
-77.78	-7.07	0.00062	-84.85	0.00	0.00056
-91.92	7.07	0.00050	-98.99	14.14	0.00045
-106.07	21.21	0.00041	-113.14	28.28	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at NE/SW Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00097	14.14	-113.14	0.00103
7.07	-106.07	0.00107	0.00	-98.99	0.00111
-7.07	-91.92	0.00112	-14.14	-84.85	0.00111
-21.21	-77.78	0.00105	-28.28	-70.71	0.00093
-31.82	-67.18	0.00086	-35.36	-63.64	0.00080
-37.48	-61.52	0.00076	-38.89	-60.10	0.00073
-40.31	-58.69	0.00070	-41.72	-57.28	0.00067
-43.13	-55.86	0.00064	-55.86	-43.13	0.00052
-57.28	-41.72	0.00052	-58.69	-40.31	0.00052
-60.10	-38.89	0.00052	-61.52	-37.48	0.00052
-63.64	-35.36	0.00052	-67.18	-31.82	0.00052
-70.71	-28.28	0.00052	-77.78	-21.21	0.00052
-84.85	-14.14	0.00050	-91.92	-7.07	0.00047
-98.99	0.00	0.00043	-106.07	7.07	0.00040
-113.14	14.14	0.00036	-120.21	21.21	0.00033
14.14	-127.28	0.00081	7.07	-120.21	0.00084
0.00	-113.14	0.00086	-7.07	-106.07	0.00086
-14.14	-98.99	0.00085	-21.21	-91.92	0.00082
-28.28	-84.85	0.00076	-35.36	-77.78	0.00068
-38.89	-74.25	0.00065	-42.43	-70.71	0.00061
-44.55	-68.59	0.00059	-45.96	-67.18	0.00057
-47.38	-65.76	0.00055	-48.79	-64.35	0.00053
-50.20	-62.93	0.00051	-62.93	-50.20	0.00043
-64.35	-48.79	0.00043	-65.76	-47.38	0.00043
-67.18	-45.96	0.00042	-68.59	-44.55	0.00042
-70.71	-42.43	0.00042	-74.25	-38.89	0.00042
-77.78	-35.36	0.00042	-84.85	-28.28	0.00042
-91.92	-21.21	0.00040	-98.99	-14.14	0.00039
-106.07	-7.07	0.00037	-113.14	0.00	0.00034
-120.21	7.07	0.00032	-127.28	14.14	0.00029
7.07	-134.35	0.00067	0.00	-127.28	0.00068
-7.07	-120.21	0.00069	-14.14	-113.14	0.00068
-21.21	-106.07	0.00065	-28.28	-98.99	0.00062
-35.36	-91.92	0.00057	-42.43	-84.85	0.00053
-45.96	-81.32	0.00051	-49.50	-77.78	0.00049
-51.62	-75.66	0.00047	-53.03	-74.25	0.00046
-54.45	-72.83	0.00044	-55.86	-71.42	0.00043
-57.28	-70.00	0.00041	-70.00	-57.28	0.00036
-71.42	-55.86	0.00036	-72.83	-54.45	0.00036

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-74.25      -53.03      0.00035      -75.66      -51.62      0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00035	-81.32	-45.96	0.00035
-84.85	-42.43	0.00035	-91.92	-35.36	0.00034
-98.99	-28.28	0.00033	-106.07	-21.21	0.00032
-113.14	-14.14	0.00031	-120.21	-7.07	0.00029
-127.28	0.00	0.00028	-134.35	7.07	0.00026
0.00	-141.42	0.00056	-7.07	-134.35	0.00056
-14.14	-127.28	0.00055	-21.21	-120.21	0.00053
-28.28	-113.14	0.00051	-35.36	-106.07	0.00048
-42.43	-98.99	0.00046	-49.50	-91.92	0.00043
-53.03	-88.39	0.00042	-56.57	-84.85	0.00040
-58.69	-82.73	0.00039	-60.10	-81.32	0.00037
-61.52	-79.90	0.00036	-62.93	-78.49	0.00035
-64.35	-77.07	0.00034	-77.07	-64.35	0.00031
-78.49	-62.93	0.00031	-79.90	-61.52	0.00030
-81.32	-60.10	0.00030	-82.73	-58.69	0.00030
-84.85	-56.57	0.00029	-88.39	-53.03	0.00029
-91.92	-49.50	0.00029	-98.99	-42.43	0.00029
-106.07	-35.36	0.00028	-113.14	-28.28	0.00027
-120.21	-21.21	0.00026	-127.28	-14.14	0.00025
-134.35	-7.07	0.00024	-141.42	0.00	0.00023
-7.07	-148.49	0.00046	-14.14	-141.42	0.00046
-21.21	-134.35	0.00045	-28.28	-127.28	0.00043
-35.36	-120.21	0.00041	-42.43	-113.14	0.00039
-49.50	-106.07	0.00038	-56.57	-98.99	0.00036
-60.10	-95.46	0.00035	-63.64	-91.92	0.00033
-65.76	-89.80	0.00032	-67.18	-88.39	0.00031
-68.59	-86.97	0.00030	-70.00	-85.56	0.00029
-71.42	-84.15	0.00028	-84.15	-71.42	0.00026
-85.56	-70.00	0.00026	-86.97	-68.59	0.00026
-88.39	-67.18	0.00026	-89.80	-65.76	0.00026
-91.92	-63.64	0.00025	-95.46	-60.10	0.00025
-98.99	-56.57	0.00025	-106.07	-49.50	0.00025
-113.14	-42.43	0.00024	-120.21	-35.36	0.00024

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-127.28	-28.28	0.00023	-134.35	-21.21	0.00022
-141.42	-14.14	0.00021	-148.49	-7.07	0.00020
-14.14	-155.56	0.00039	-21.21	-148.49	0.00038
-28.28	-141.42	0.00037	-35.36	-134.35	0.00035
-42.43	-127.28	0.00034	-49.50	-120.21	0.00033
-56.57	-113.14	0.00032	-63.64	-106.07	0.00030
-67.18	-102.53	0.00029	-70.71	-98.99	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00027	-74.25	-95.46	0.00026
-75.66	-94.05	0.00025	-77.07	-92.63	0.00025
-78.49	-91.22	0.00024	-91.22	-78.49	0.00023
-92.63	-77.07	0.00023	-94.05	-75.66	0.00023
-95.46	-74.25	0.00022	-96.87	-72.83	0.00022
-98.99	-70.71	0.00022	-102.53	-67.18	0.00021
-106.07	-63.64	0.00021	-113.14	-56.57	0.00021
-120.21	-49.50	0.00021	-127.28	-42.43	0.00021
-134.35	-35.36	0.00020	-141.42	-28.28	0.00019
-148.49	-21.21	0.00018	-155.56	-14.14	0.00017
-21.21	-162.63	0.00032	-28.28	-155.56	0.00031
-35.36	-148.49	0.00030	-42.43	-141.42	0.00029
-49.50	-134.35	0.00029	-56.57	-127.28	0.00028
-63.64	-120.21	0.00027	-70.71	-113.14	0.00026
-74.25	-109.60	0.00025	-77.78	-106.07	0.00024
-79.90	-103.94	0.00023	-81.32	-102.53	0.00022
-82.73	-101.12	0.00022	-84.15	-99.70	0.00021
-85.56	-98.29	0.00021	-98.29	-85.56	0.00020
-99.70	-84.15	0.00020	-101.12	-82.73	0.00020
-102.53	-81.32	0.00020	-103.94	-79.90	0.00019
-106.07	-77.78	0.00019	-109.60	-74.25	0.00019
-113.14	-70.71	0.00018	-120.21	-63.64	0.00018
-127.28	-56.57	0.00018	-134.35	-49.50	0.00018
-141.42	-42.43	0.00018	-148.49	-35.36	0.00017
-155.56	-28.28	0.00016	-162.63	-21.21	0.00015
-28.28	-169.71	0.00027	-35.36	-162.63	0.00027
-42.43	-155.56	0.00026	-49.50	-148.49	0.00025

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-56.57	-141.42	0.00025	-63.64	-134.35	0.00024
-70.71	-127.28	0.00023	-77.78	-120.21	0.00022
-81.32	-116.67	0.00021	-84.85	-113.14	0.00020
-86.97	-111.02	0.00020	-88.39	-109.60	0.00019
-89.80	-108.19	0.00019	-91.22	-106.77	0.00018
-92.63	-105.36	0.00018	-105.36	-92.63	0.00017
-106.77	-91.22	0.00017	-108.19	-89.80	0.00017
-109.60	-88.39	0.00017	-111.02	-86.97	0.00017
-113.14	-84.85	0.00017	-116.67	-81.32	0.00017
-120.21	-77.78	0.00016	-127.28	-70.71	0.00016
-134.35	-63.64	0.00016	-141.42	-56.57	0.00016
-148.49	-49.50	0.00016	-155.56	-42.43	0.00015
-162.63	-35.36	0.00015	-169.71	-28.28	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00023	-42.43	-169.71	0.00023
-49.50	-162.63	0.00022	-56.57	-155.56	0.00022
-63.64	-148.49	0.00021	-70.71	-141.42	0.00021
-77.78	-134.35	0.00020	-84.85	-127.28	0.00019
-88.39	-123.74	0.00018	-91.92	-120.21	0.00018
-94.05	-118.09	0.00017	-95.46	-116.67	0.00017
-96.87	-115.26	0.00016	-98.29	-113.84	0.00016
-99.70	-112.43	0.00016	-112.43	-99.70	0.00015
-113.84	-98.29	0.00015	-115.26	-96.87	0.00015
-116.67	-95.46	0.00015	-118.09	-94.05	0.00015
-120.21	-91.92	0.00015	-123.74	-88.39	0.00015
-127.28	-84.85	0.00014	-134.35	-77.78	0.00014
-141.42	-70.71	0.00014	-148.49	-63.64	0.00014
-155.56	-56.57	0.00014	-162.63	-49.50	0.00014
-169.71	-42.43	0.00013	-176.78	-35.36	0.00013
-42.43	-183.85	0.00020	-49.50	-176.78	0.00020
-56.57	-169.71	0.00019	-63.64	-162.63	0.00019
-70.71	-155.56	0.00019	-77.78	-148.49	0.00019
-84.85	-141.42	0.00018	-91.92	-134.35	0.00017
-95.46	-130.81	0.00016	-98.99	-127.28	0.00015
-101.12	-125.16	0.00015	-102.53	-123.74	0.00015

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-103.94	-122.33	0.00014	-105.36	-120.92	0.00014
-106.77	-119.50	0.00014	-119.50	-106.77	0.00014
-120.92	-105.36	0.00014	-122.33	-103.94	0.00014
-123.74	-102.53	0.00014	-125.16	-101.12	0.00014
-127.28	-98.99	0.00013	-130.81	-95.46	0.00013
-134.35	-91.92	0.00013	-141.42	-84.85	0.00012
-148.49	-77.78	0.00012	-155.56	-70.71	0.00012
-162.63	-63.64	0.00012	-169.71	-56.57	0.00012
-176.78	-49.50	0.00012	-183.85	-42.43	0.00012
-49.50	-190.92	0.00018	-56.57	-183.85	0.00018
-63.64	-176.78	0.00017	-70.71	-169.71	0.00017
-77.78	-162.63	0.00017	-84.85	-155.56	0.00016
-91.92	-148.49	0.00016	-98.99	-141.42	0.00015
-102.53	-137.89	0.00014	-106.07	-134.35	0.00014
-108.19	-132.23	0.00013	-109.60	-130.81	0.00013
-111.02	-129.40	0.00013	-112.43	-127.99	0.00013
-113.84	-126.57	0.00012	-126.57	-113.84	0.00012
-127.99	-112.43	0.00012	-129.40	-111.02	0.00012
-130.81	-109.60	0.00012	-132.23	-108.19	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00012	-137.89	-102.53	0.00012
-141.42	-98.99	0.00012	-148.49	-91.92	0.00011
-155.56	-84.85	0.00011	-162.63	-77.78	0.00011
-169.71	-70.71	0.00011	-176.78	-63.64	0.00011
-183.85	-56.57	0.00011	-190.92	-49.50	0.00011
-56.57	-197.99	0.00016	-63.64	-190.92	0.00016
-70.71	-183.85	0.00015	-77.78	-176.78	0.00015
-84.85	-169.71	0.00015	-91.92	-162.63	0.00015
-98.99	-155.56	0.00014	-106.07	-148.49	0.00013
-109.60	-144.96	0.00013	-113.14	-141.42	0.00012
-115.26	-139.30	0.00012	-116.67	-137.89	0.00012
-118.09	-136.47	0.00011	-119.50	-135.06	0.00011
-120.92	-133.64	0.00011	-133.64	-120.92	0.00011
-135.06	-119.50	0.00011	-136.47	-118.09	0.00011
-137.89	-116.67	0.00011	-139.30	-115.26	0.00011



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-141.42	-113.14	0.00011	-144.96	-109.60	0.00011
-148.49	-106.07	0.00011	-155.56	-98.99	0.00010
-162.63	-91.92	0.00010	-169.71	-84.85	0.00010
-176.78	-77.78	0.00010	-183.85	-70.71	0.00010
-190.92	-63.64	0.00010	-197.99	-56.57	0.00010
-63.64	-205.06	0.00014	-70.71	-197.99	0.00014
-77.78	-190.92	0.00014	-84.85	-183.85	0.00014
-91.92	-176.78	0.00014	-98.99	-169.71	0.00013
-106.07	-162.63	0.00013	-113.14	-155.56	0.00012
-116.67	-152.03	0.00011	-120.21	-148.49	0.00011
-122.33	-146.37	0.00011	-123.74	-144.96	0.00010
-125.16	-143.54	0.00010	-126.57	-142.13	0.00010
-127.99	-140.71	0.00010	-140.71	-127.99	0.00010
-142.13	-126.57	0.00010	-143.54	-125.16	0.00010
-144.96	-123.74	0.00010	-146.37	-122.33	0.00010
-148.49	-120.21	0.00010	-152.03	-116.67	0.00010
-155.56	-113.14	0.00010	-162.63	-106.07	0.00009
-169.71	-98.99	0.00009	-176.78	-91.92	0.00009
-183.85	-84.85	0.00009	-190.92	-77.78	0.00009
-197.99	-70.71	0.00009	-205.06	-63.64	0.00009
-70.71	-212.13	0.00013	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00012
-98.99	-183.85	0.00012	-106.07	-176.78	0.00012
-113.14	-169.71	0.00011	-120.21	-162.63	0.00011
-123.74	-159.10	0.00010	-127.28	-155.56	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00010	-130.81	-152.03	0.00009
-132.23	-150.61	0.00009	-133.64	-149.20	0.00009
-135.06	-147.79	0.00009	-147.79	-135.06	0.00009
-149.20	-133.64	0.00009	-150.61	-132.23	0.00009
-152.03	-130.81	0.00009	-153.44	-129.40	0.00009
-155.56	-127.28	0.00009	-159.10	-123.74	0.00009
-162.63	-120.21	0.00009	-169.71	-113.14	0.00008
-176.78	-106.07	0.00008	-183.85	-98.99	0.00008
-190.92	-91.92	0.00008	-197.99	-84.85	0.00008

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-205.06	-77.78	0.00008	-212.13	-70.71	0.00008
-77.78	-219.20	0.00012	-84.85	-212.13	0.00012
-91.92	-205.06	0.00011	-98.99	-197.99	0.00011
-106.07	-190.92	0.00011	-113.14	-183.85	0.00011
-120.21	-176.78	0.00010	-127.28	-169.71	0.00010
-130.81	-166.17	0.00009	-134.35	-162.63	0.00009
-136.47	-160.51	0.00009	-137.89	-159.10	0.00009
-139.30	-157.68	0.00008	-140.71	-156.27	0.00008
-142.13	-154.86	0.00008	-154.86	-142.13	0.00008
-156.27	-140.71	0.00008	-157.68	-139.30	0.00008
-159.10	-137.89	0.00008	-160.51	-136.47	0.00008
-162.63	-134.35	0.00008	-166.17	-130.81	0.00008
-169.71	-127.28	0.00008	-176.78	-120.21	0.00008
-183.85	-113.14	0.00008	-190.92	-106.07	0.00007
-197.99	-98.99	0.00007	-205.06	-91.92	0.00007
-212.13	-84.85	0.00008	-219.20	-77.78	0.00007
-84.85	-226.27	0.00011	-91.92	-219.20	0.00011
-98.99	-212.13	0.00010	-106.07	-205.06	0.00010
-113.14	-197.99	0.00010	-120.21	-190.92	0.00010
-127.28	-183.85	0.00009	-134.35	-176.78	0.00009
-137.89	-173.24	0.00008	-141.42	-169.71	0.00008
-143.54	-167.58	0.00008	-144.96	-166.17	0.00008
-146.37	-164.76	0.00008	-147.79	-163.34	0.00008
-149.20	-161.93	0.00008	-161.93	-149.20	0.00008
-163.34	-147.79	0.00008	-164.76	-146.37	0.00008
-166.17	-144.96	0.00008	-167.58	-143.54	0.00008
-169.71	-141.42	0.00008	-173.24	-137.89	0.00008
-176.78	-134.35	0.00007	-183.85	-127.28	0.00007
-190.92	-120.21	0.00007	-197.99	-113.14	0.00007
-205.06	-106.07	0.00007	-212.13	-98.99	0.00007
-219.20	-91.92	0.00007	-226.27	-84.85	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):              NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00009
-120.21	-205.06	0.00009	-127.28	-197.99	0.00009

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-134.35	-190.92	0.00008	-141.42	-183.85	0.00008
-144.96	-180.31	0.00008	-148.49	-176.78	0.00007
-150.61	-174.66	0.00007	-152.03	-173.24	0.00007
-153.44	-171.83	0.00007	-154.86	-170.41	0.00007
-156.27	-169.00	0.00007	-169.00	-156.27	0.00007
-170.41	-154.86	0.00007	-171.83	-153.44	0.00007
-173.24	-152.03	0.00007	-174.66	-150.61	0.00007
-176.78	-148.49	0.00007	-180.31	-144.96	0.00007
-183.85	-141.42	0.00007	-190.92	-134.35	0.00007
-197.99	-127.28	0.00006	-205.06	-120.21	0.00006
-212.13	-113.14	0.00006	-219.20	-106.07	0.00006
-226.27	-98.99	0.00006	-233.35	-91.92	0.00006
-98.99	-240.42	0.00009	-106.07	-233.35	0.00009
-113.14	-226.27	0.00009	-120.21	-219.20	0.00009
-127.28	-212.13	0.00008	-134.35	-205.06	0.00008
-141.42	-197.99	0.00008	-148.49	-190.92	0.00007
-152.03	-187.38	0.00007	-155.56	-183.85	0.00007
-157.68	-181.73	0.00007	-159.10	-180.31	0.00007
-160.51	-178.90	0.00007	-161.93	-177.48	0.00006
-163.34	-176.07	0.00006	-176.07	-163.34	0.00006
-177.48	-161.93	0.00006	-178.90	-160.51	0.00006
-180.31	-159.10	0.00006	-181.73	-157.68	0.00006
-183.85	-155.56	0.00006	-187.38	-152.03	0.00006
-190.92	-148.49	0.00006	-197.99	-141.42	0.00006
-205.06	-134.35	0.00006	-212.13	-127.28	0.00006
-219.20	-120.21	0.00006	-226.27	-113.14	0.00006
-233.35	-106.07	0.00006	-240.42	-98.99	0.00006
-106.07	-247.49	0.00008	-113.14	-240.42	0.00008
-120.21	-233.35	0.00008	-127.28	-226.27	0.00008
-134.35	-219.20	0.00008	-141.42	-212.13	0.00007
-148.49	-205.06	0.00007	-155.56	-197.99	0.00007
-159.10	-194.45	0.00006	-162.63	-190.92	0.00006
-164.76	-188.80	0.00006	-166.17	-187.38	0.00006
-167.58	-185.97	0.00006	-169.00	-184.55	0.00006
-170.41	-183.14	0.00006	-183.14	-170.41	0.00006
-184.55	-169.00	0.00006	-185.97	-167.58	0.00006
-187.38	-166.17	0.00006	-188.80	-164.76	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

148.49	190.92	0.00007	141.42	197.99	0.00006
134.35	205.06	0.00006	127.28	212.13	0.00006
120.21	219.20	0.00005	113.14	226.27	0.00005
106.07	233.35	0.00005	98.99	240.42	0.00005
233.35	91.92	0.00023	226.27	98.99	0.00022
219.20	106.07	0.00020	212.13	113.14	0.00018
205.06	120.21	0.00015	197.99	127.28	0.00014
190.92	134.35	0.00012	183.85	141.42	0.00011
180.31	144.96	0.00011	176.78	148.49	0.00011
174.66	150.61	0.00011	173.24	152.03	0.00010
171.83	153.44	0.00010	170.41	154.86	0.00010
169.00	156.27	0.00010	156.27	169.00	0.00009
154.86	170.41	0.00009	153.44	171.83	0.00009
152.03	173.24	0.00009	150.61	174.66	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00008	144.96	180.31	0.00008
141.42	183.85	0.00008	134.35	190.92	0.00007
127.28	197.99	0.00007	120.21	205.06	0.00006
113.14	212.13	0.00006	106.07	219.20	0.00006
99.00	226.27	0.00006	91.92	233.35	0.00005
226.27	84.85	0.00029	219.20	91.92	0.00027
212.13	98.99	0.00025	205.06	106.07	0.00022
197.99	113.14	0.00019	190.92	120.21	0.00017
183.85	127.28	0.00015	176.78	134.35	0.00014
173.24	137.89	0.00013	169.71	141.42	0.00013
167.58	143.54	0.00012	166.17	144.96	0.00012
164.76	146.37	0.00012	163.34	147.79	0.00012
161.93	149.20	0.00012	149.20	161.93	0.00011
147.79	163.34	0.00010	146.37	164.76	0.00010
144.96	166.17	0.00010	143.54	167.58	0.00010
141.42	169.71	0.00010	137.89	173.24	0.00009
134.35	176.78	0.00009	127.28	183.85	0.00008
120.21	190.92	0.00008	113.14	197.99	0.00007
106.07	205.06	0.00007	99.00	212.13	0.00006
91.92	219.20	0.00006	84.85	226.27	0.00006

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

219.20	77.78	0.00036	212.13	84.85	0.00034
205.06	91.92	0.00031	197.99	98.99	0.00028
190.92	106.07	0.00025	183.85	113.14	0.00022
176.78	120.21	0.00019	169.71	127.28	0.00016
166.17	130.81	0.00016	162.63	134.35	0.00015
160.51	136.47	0.00015	159.10	137.89	0.00014
157.68	139.30	0.00014	156.27	140.71	0.00014
154.86	142.13	0.00014	142.13	154.86	0.00012
140.71	156.27	0.00012	139.30	157.68	0.00012
137.89	159.10	0.00012	136.47	160.51	0.00011
134.35	162.63	0.00011	130.81	166.17	0.00010
127.28	169.71	0.00010	120.21	176.78	0.00009
113.14	183.85	0.00009	106.07	190.92	0.00008
99.00	197.99	0.00008	91.92	205.06	0.00007
84.85	212.13	0.00007	77.78	219.20	0.00007
212.13	70.71	0.00045	205.06	77.78	0.00043
197.99	84.85	0.00041	190.92	91.92	0.00037
183.85	98.99	0.00033	176.78	106.07	0.00028
169.71	113.14	0.00024	162.63	120.21	0.00020
159.10	123.74	0.00019	155.56	127.28	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00018	152.03	130.81	0.00017
150.61	132.23	0.00017	149.20	133.64	0.00017
147.79	135.06	0.00016	135.06	147.79	0.00014
133.64	149.20	0.00014	132.23	150.61	0.00014
130.81	152.03	0.00013	129.40	153.44	0.00013
127.28	155.56	0.00013	123.74	159.10	0.00012
120.21	162.63	0.00011	113.14	169.71	0.00011
106.07	176.78	0.00010	98.99	183.85	0.00009
91.92	190.92	0.00009	84.85	197.99	0.00009
77.78	205.06	0.00009	70.71	212.13	0.00008
205.06	63.64	0.00057	197.99	70.71	0.00056
190.92	77.78	0.00053	183.85	84.85	0.00050
176.78	91.92	0.00045	169.71	98.99	0.00039
162.63	106.07	0.00033	155.56	113.14	0.00027

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

152.03	116.67	0.00025	148.49	120.21	0.00023
146.37	122.33	0.00022	144.96	123.74	0.00022
143.54	125.16	0.00021	142.13	126.57	0.00021
140.71	127.99	0.00020	127.99	140.71	0.00017
126.57	142.13	0.00017	125.16	143.54	0.00016
123.74	144.96	0.00016	122.33	146.37	0.00015
120.21	148.49	0.00015	116.67	152.03	0.00014
113.14	155.56	0.00013	106.07	162.63	0.00012
98.99	169.71	0.00012	91.92	176.78	0.00011
84.85	183.85	0.00011	77.78	190.92	0.00011
70.71	197.99	0.00010	63.64	205.06	0.00010
197.99	56.57	0.00072	190.92	63.64	0.00072
183.85	70.71	0.00071	176.78	77.78	0.00068
169.71	84.85	0.00062	162.63	91.92	0.00055
155.56	98.99	0.00047	148.49	106.07	0.00037
144.96	109.60	0.00033	141.42	113.14	0.00030
139.30	115.26	0.00029	137.89	116.67	0.00028
136.47	118.09	0.00027	135.06	119.50	0.00026
133.64	120.92	0.00026	120.92	133.64	0.00021
119.50	135.06	0.00020	118.09	136.47	0.00020
116.67	137.89	0.00019	115.26	139.30	0.00018
113.14	141.42	0.00018	109.60	144.96	0.00017
106.07	148.49	0.00016	98.99	155.56	0.00015
91.92	162.63	0.00014	84.85	169.71	0.00014
77.78	176.78	0.00013	70.71	183.85	0.00013
63.64	190.92	0.00013	56.57	197.99	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00090	183.85	56.57	0.00092
176.78	63.64	0.00093	169.71	70.71	0.00092
162.63	77.78	0.00089	155.56	84.85	0.00081
148.49	91.92	0.00070	141.42	98.99	0.00056
137.89	102.53	0.00049	134.35	106.07	0.00043
132.23	108.19	0.00039	130.81	109.60	0.00038
129.40	111.02	0.00036	127.99	112.43	0.00035
126.57	113.84	0.00033	113.84	126.57	0.00026

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

112.43	127.99	0.00025	111.02	129.40	0.00024
109.60	130.81	0.00023	108.19	132.23	0.00022
106.07	134.35	0.00021	102.53	137.89	0.00020
98.99	141.42	0.00019	91.92	148.49	0.00019
84.85	155.56	0.00018	77.78	162.63	0.00018
70.71	169.71	0.00017	63.64	176.78	0.00017
56.57	183.85	0.00016	49.50	190.92	0.00016
183.85	42.43	0.00110	176.78	49.50	0.00116
169.71	56.57	0.00121	162.63	63.64	0.00125
155.56	70.71	0.00126	148.49	77.78	0.00122
141.42	84.85	0.00111	134.35	91.92	0.00093
130.81	95.46	0.00081	127.28	98.99	0.00068
125.16	101.12	0.00061	123.74	102.53	0.00057
122.33	103.94	0.00053	120.92	105.36	0.00049
119.50	106.77	0.00047	106.77	119.50	0.00032
105.36	120.92	0.00031	103.94	122.33	0.00030
102.53	123.74	0.00029	101.12	125.16	0.00028
98.99	127.28	0.00027	95.46	130.81	0.00026
91.92	134.35	0.00025	84.85	141.42	0.00025
77.78	148.49	0.00024	70.71	155.56	0.00024
63.64	162.63	0.00023	56.57	169.71	0.00022
49.50	176.78	0.00020	42.43	183.85	0.00019
176.78	35.36	0.00134	169.71	42.43	0.00145
162.63	49.50	0.00155	155.56	56.57	0.00166
148.49	63.64	0.00174	141.42	70.71	0.00179
134.35	77.78	0.00178	127.28	84.85	0.00163
123.74	88.39	0.00149	120.21	91.92	0.00128
118.09	94.05	0.00114	116.67	95.46	0.00104
115.26	96.87	0.00094	113.84	98.29	0.00084
112.43	99.70	0.00075	99.70	112.43	0.00042
98.29	113.84	0.00040	96.87	115.26	0.00039
95.46	116.67	0.00038	94.05	118.09	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00037	88.39	123.74	0.00036
84.85	127.28	0.00036	77.78	134.35	0.00036



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

70.71	141.42	0.00034	63.64	148.49	0.00032
56.57	155.56	0.00030	49.50	162.63	0.00028
42.43	169.71	0.00025	35.36	176.78	0.00023
169.71	28.28	0.00159	162.63	35.36	0.00176
155.56	42.43	0.00194	148.49	49.50	0.00213
141.42	56.57	0.00234	134.35	63.64	0.00254
127.28	70.71	0.00272	120.21	77.78	0.00280
116.67	81.32	0.00277	113.14	84.85	0.00265
111.02	86.97	0.00251	109.60	88.39	0.00239
108.19	89.80	0.00223	106.77	91.22	0.00203
105.36	92.63	0.00178	92.63	105.36	0.00061
91.22	106.77	0.00061	89.80	108.19	0.00061
88.39	109.60	0.00061	86.97	111.02	0.00061
84.85	113.14	0.00061	81.32	116.67	0.00060
77.78	120.21	0.00058	70.71	127.28	0.00053
63.64	134.35	0.00048	56.57	141.42	0.00043
49.50	148.49	0.00039	42.43	155.56	0.00035
35.36	162.63	0.00031	28.28	169.71	0.00028
162.63	21.21	0.00182	155.56	28.28	0.00204
148.49	35.36	0.00230	141.42	42.43	0.00259
134.35	49.50	0.00292	127.28	56.57	0.00329
120.21	63.64	0.00369	113.14	70.71	0.00408
109.60	74.25	0.00425	106.07	77.78	0.00435
103.94	79.90	0.00438	102.53	81.32	0.00437
101.12	82.73	0.00436	99.70	84.15	0.00435
98.29	85.56	0.00433	85.56	98.29	0.00120
84.15	99.70	0.00114	82.73	101.12	0.00110
81.32	102.53	0.00107	79.90	103.94	0.00104
77.78	106.07	0.00100	74.25	109.60	0.00093
70.71	113.14	0.00087	63.64	120.21	0.00075
56.57	127.28	0.00064	49.50	134.35	0.00056
42.43	141.42	0.00049	35.36	148.49	0.00043
28.28	155.56	0.00038	21.21	162.63	0.00034
155.56	14.14	0.00201	148.49	21.21	0.00228
141.42	28.28	0.00259	134.35	35.36	0.00296
127.28	42.43	0.00339	120.21	49.50	0.00387
113.14	56.57	0.00439	106.07	63.64	0.00488
102.53	67.18	0.00507	98.99	70.71	0.00518

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

15NCRA PL97-300 DPM\_TRAV\_ANN\_NE-SW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00518	95.46	74.25	0.00514
94.05	75.66	0.00508	92.63	77.07	0.00500
91.22	78.49	0.00491	78.49	91.22	0.00146
77.07	92.63	0.00142	75.66	94.05	0.00138
74.25	95.46	0.00135	72.83	96.87	0.00132
70.71	98.99	0.00128	67.18	102.53	0.00119
63.64	106.07	0.00110	56.57	113.14	0.00093
49.50	120.21	0.00079	42.43	127.28	0.00067
35.36	134.35	0.00058	28.28	141.42	0.00050
21.21	148.49	0.00044	14.14	155.56	0.00038
148.49	7.07	0.00214	141.42	14.14	0.00244
134.35	21.21	0.00280	127.28	28.28	0.00322
120.21	35.36	0.00370	113.14	42.43	0.00424
106.07	49.50	0.00481	98.99	56.57	0.00531
95.46	60.10	0.00547	91.92	63.64	0.00552
89.80	65.76	0.00548	88.39	67.18	0.00542
86.97	68.59	0.00533	85.56	70.00	0.00521
84.15	71.42	0.00510	71.42	84.15	0.00159
70.00	85.56	0.00155	68.59	86.97	0.00152
67.18	88.39	0.00149	65.76	89.80	0.00147
63.64	91.92	0.00143	60.10	95.46	0.00135
56.57	98.99	0.00126	49.50	106.07	0.00108
42.43	113.14	0.00091	35.36	120.21	0.00077
28.28	127.28	0.00065	21.21	134.35	0.00056
14.14	141.42	0.00049	7.07	148.49	0.00042
141.42	0.00	0.00220	134.35	7.07	0.00253
127.28	14.14	0.00291	120.21	21.21	0.00336
113.14	28.28	0.00387	106.07	35.36	0.00445
98.99	42.43	0.00504	91.92	49.50	0.00552
88.39	53.03	0.00566	84.85	56.57	0.00568
82.73	58.69	0.00562	81.32	60.10	0.00555
79.90	61.52	0.00546	78.49	62.93	0.00533
77.07	64.35	0.00521	64.35	77.07	0.00166
62.93	78.49	0.00163	61.52	79.90	0.00160
60.10	81.32	0.00158	58.69	82.73	0.00156
56.57	84.85	0.00152	53.03	88.39	0.00144
49.50	91.92	0.00136	42.43	98.99	0.00118
35.36	106.07	0.00100	28.28	113.14	0.00085
21.21	120.21	0.00072	14.14	127.28	0.00061
7.07	134.35	0.00053	0.00	141.42	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

15:03:43

\*\*MODELOPTS:

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\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00220	127.28	0.00	0.00253
120.21	7.07	0.00291	113.14	14.14	0.00338
106.07	21.21	0.00391	98.99	28.28	0.00450
91.92	35.36	0.00510	84.85	42.43	0.00558
81.32	45.96	0.00572	77.78	49.50	0.00574
75.66	51.62	0.00568	74.25	53.03	0.00561
72.83	54.45	0.00551	71.42	55.86	0.00539
70.00	57.28	0.00526	57.28	70.00	0.00171
55.86	71.42	0.00167	54.45	72.83	0.00165
53.03	74.25	0.00163	51.62	75.66	0.00161
49.50	77.78	0.00157	45.96	81.32	0.00150
42.43	84.85	0.00142	35.36	91.92	0.00124
28.28	98.99	0.00106	21.21	106.07	0.00090
14.14	113.14	0.00076	7.07	120.21	0.00065
0.00	127.28	0.00055	-7.07	134.35	0.00048
127.28	-14.14	0.00214	120.21	-7.07	0.00245
113.14	0.00	0.00283	106.07	7.07	0.00328
98.99	14.14	0.00380	91.92	21.21	0.00438
84.85	28.28	0.00499	77.78	35.36	0.00550
74.25	38.89	0.00567	70.71	42.43	0.00571
68.59	44.55	0.00567	67.18	45.96	0.00560
65.76	47.38	0.00551	64.35	48.79	0.00539
62.93	50.20	0.00526	50.20	62.93	0.00172
48.79	64.35	0.00169	47.38	65.76	0.00167
45.96	67.18	0.00165	44.55	68.59	0.00163
42.43	70.71	0.00160	38.89	74.25	0.00153
35.36	77.78	0.00145	28.28	84.85	0.00126
21.21	91.92	0.00108	14.14	98.99	0.00092
7.07	106.07	0.00078	0.00	113.14	0.00067
-7.07	120.21	0.00057	-14.14	127.28	0.00049
120.21	-21.21	0.00202	113.14	-14.14	0.00231
106.07	-7.07	0.00265	98.99	0.00	0.00306
91.92	7.07	0.00353	84.85	14.14	0.00407
77.78	21.21	0.00466	70.71	28.28	0.00522

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

67.18	31.82	0.00542	63.64	35.36	0.00553
61.52	37.48	0.00552	60.10	38.89	0.00548
58.69	40.31	0.00541	57.28	41.72	0.00530
55.86	43.13	0.00518	43.13	55.86	0.00171
41.72	57.28	0.00167	40.31	58.69	0.00165
38.89	60.10	0.00164	37.48	61.52	0.00162

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00159	31.82	67.18	0.00152
28.28	70.71	0.00144	21.21	77.78	0.00125
14.14	84.85	0.00106	7.07	91.92	0.00090
0.00	98.99	0.00077	-7.07	106.07	0.00066
-14.14	113.14	0.00057	-21.21	120.21	0.00049
113.14	-28.28	0.00184	106.07	-21.21	0.00208
98.99	-14.14	0.00237	91.92	-7.07	0.00271
84.85	0.00	0.00311	77.78	7.07	0.00356
70.71	14.14	0.00405	63.64	21.21	0.00456
60.10	24.75	0.00480	56.57	28.28	0.00498
54.45	30.41	0.00505	53.03	31.82	0.00506
51.62	33.23	0.00505	50.20	34.65	0.00500
48.79	36.06	0.00494	36.06	48.79	0.00165
34.65	50.20	0.00162	33.23	51.62	0.00160
31.82	53.03	0.00158	30.41	54.45	0.00156
28.28	56.57	0.00153	24.75	60.10	0.00145
21.21	63.64	0.00136	14.14	70.71	0.00118
7.07	77.78	0.00100	0.00	84.85	0.00085
-7.07	91.92	0.00073	-14.14	98.99	0.00063
-21.21	106.07	0.00055	-28.28	113.14	0.00047
106.07	-35.36	0.00162	98.99	-28.28	0.00181
91.92	-21.21	0.00203	84.85	-14.14	0.00227
77.78	-7.07	0.00255	70.71	0.00	0.00284
63.64	7.07	0.00315	56.57	14.14	0.00343
53.03	17.68	0.00355	49.50	21.21	0.00366
47.38	23.33	0.00371	45.96	24.75	0.00375
44.55	26.16	0.00379	43.13	27.58	0.00385
41.72	28.99	0.00393	28.99	41.72	0.00148

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

27.58	43.13	0.00144	26.16	44.55	0.00140
24.75	45.96	0.00138	23.33	47.38	0.00135
21.21	49.50	0.00131	17.68	53.03	0.00125
14.14	56.57	0.00118	7.07	63.64	0.00103
0.00	70.71	0.00089	-7.07	77.78	0.00077
-14.14	84.85	0.00067	-21.21	91.92	0.00058
-28.28	98.99	0.00051	-35.36	106.07	0.00045
98.99	-42.43	0.00139	91.92	-35.36	0.00152
84.85	-28.28	0.00167	77.78	-21.21	0.00182
70.71	-14.14	0.00197	63.64	-7.07	0.00211
56.57	0.00	0.00219	49.50	7.07	0.00217
45.96	10.61	0.00210	42.43	14.14	0.00197

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00186	38.89	17.68	0.00177
37.48	19.09	0.00167	36.06	20.51	0.00156
34.65	21.92	0.00143	21.92	34.65	0.00091
20.51	36.06	0.00092	19.09	37.48	0.00093
17.68	38.89	0.00093	16.26	40.31	0.00094
14.14	42.43	0.00094	10.61	45.96	0.00093
7.07	49.50	0.00091	0.00	56.57	0.00083
-7.07	63.64	0.00075	-14.14	70.71	0.00066
-21.21	77.78	0.00058	-28.28	84.85	0.00052
-35.36	91.92	0.00046	-42.43	98.99	0.00041
91.92	-49.50	0.00117	84.85	-42.43	0.00126
77.78	-35.36	0.00134	70.71	-28.28	0.00142
63.64	-21.21	0.00149	56.57	-14.14	0.00152
49.50	-7.07	0.00149	42.43	0.00	0.00138
38.89	3.54	0.00128	35.36	7.07	0.00115
33.23	9.19	0.00107	31.82	10.61	0.00101
30.41	12.02	0.00096	28.99	13.44	0.00090
27.58	14.85	0.00085	14.85	27.58	0.00065
13.44	28.99	0.00065	12.02	30.41	0.00065
10.61	31.82	0.00066	9.19	33.23	0.00066
7.07	35.36	0.00067	3.54	38.89	0.00068
0.00	42.43	0.00069	-7.07	49.50	0.00067

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-14.14	56.57	0.00062	-21.21	63.64	0.00056
-28.28	70.71	0.00050	-35.36	77.78	0.00045
-42.43	84.85	0.00041	-49.50	91.92	0.00037
84.85	-56.57	0.00097	77.78	-49.50	0.00103
70.71	-42.43	0.00107	63.64	-35.36	0.00111
56.57	-28.28	0.00112	49.50	-21.21	0.00111
42.43	-14.14	0.00105	35.36	-7.07	0.00093
31.82	-3.54	0.00086	28.28	0.00	0.00080
26.16	2.12	0.00076	24.75	3.54	0.00073
23.33	4.95	0.00070	21.92	6.36	0.00067
20.51	7.78	0.00064	7.78	20.51	0.00052
6.36	21.92	0.00052	4.95	23.33	0.00052
3.54	24.75	0.00052	2.12	26.16	0.00052
0.00	28.28	0.00052	-3.54	31.82	0.00052
-7.07	35.36	0.00052	-14.14	42.43	0.00052
-21.21	49.50	0.00050	-28.28	56.57	0.00047
-35.36	63.64	0.00043	-42.43	70.71	0.00040
-49.50	77.78	0.00036	-56.57	84.85	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00081	70.71	-56.57	0.00084
63.64	-49.50	0.00086	56.57	-42.43	0.00086
49.50	-35.36	0.00085	42.43	-28.28	0.00082
35.36	-21.21	0.00076	28.28	-14.14	0.00068
24.75	-10.61	0.00065	21.21	-7.07	0.00061
19.09	-4.95	0.00059	17.68	-3.54	0.00057
16.26	-2.12	0.00055	14.85	-0.71	0.00053
13.44	0.71	0.00051	0.71	13.44	0.00043
-0.71	14.85	0.00043	-2.12	16.26	0.00043
-3.54	17.68	0.00042	-4.95	19.09	0.00042
-7.07	21.21	0.00042	-10.61	24.75	0.00042
-14.14	28.28	0.00042	-21.21	35.36	0.00042
-28.28	42.43	0.00040	-35.36	49.50	0.00039
-42.43	56.57	0.00037	-49.50	63.64	0.00034
-56.57	70.71	0.00032	-63.64	77.78	0.00029
70.71	-70.71	0.00067	63.64	-63.64	0.00068

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	-56.57	0.00069	49.50	-49.50	0.00068
42.43	-42.43	0.00065	35.36	-35.36	0.00062
28.28	-28.28	0.00057	21.21	-21.21	0.00053
17.68	-17.68	0.00051	14.14	-14.14	0.00049
12.02	-12.02	0.00047	10.61	-10.61	0.00046
9.19	-9.19	0.00044	7.78	-7.78	0.00043
6.36	-6.36	0.00041	-6.36	6.36	0.00036
-7.78	7.78	0.00036	-9.19	9.19	0.00036
-10.61	10.61	0.00035	-12.02	12.02	0.00035
-14.14	14.14	0.00035	-17.68	17.68	0.00035
-21.21	21.21	0.00035	-28.28	28.28	0.00034
-35.36	35.36	0.00033	-42.43	42.43	0.00032
-49.50	49.50	0.00031	-56.57	56.57	0.00029
-63.64	63.64	0.00028	-70.71	70.71	0.00026
63.64	-77.78	0.00056	56.57	-70.71	0.00056
49.50	-63.64	0.00055	42.43	-56.57	0.00053
35.36	-49.50	0.00051	28.28	-42.43	0.00048
21.21	-35.36	0.00046	14.14	-28.28	0.00043
10.61	-24.75	0.00042	7.07	-21.21	0.00040
4.95	-19.09	0.00039	3.54	-17.68	0.00037
2.12	-16.26	0.00036	0.71	-14.85	0.00035
-0.71	-13.44	0.00034	-13.44	-0.71	0.00031
-14.85	0.71	0.00031	-16.26	2.12	0.00030
-17.68	3.54	0.00030	-19.09	4.95	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00029	-24.75	10.61	0.00029
-28.28	14.14	0.00029	-35.36	21.21	0.00029
-42.43	28.28	0.00028	-49.50	35.36	0.00027
-56.57	42.43	0.00026	-63.64	49.50	0.00025
-70.71	56.57	0.00024	-77.78	63.64	0.00023
56.57	-84.85	0.00046	49.50	-77.78	0.00046
42.43	-70.71	0.00045	35.36	-63.64	0.00043
28.28	-56.57	0.00041	21.21	-49.50	0.00039
14.14	-42.43	0.00038	7.07	-35.36	0.00036
3.54	-31.82	0.00035	0.00	-28.28	0.00033

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-2.12	-26.16	0.00032	-3.54	-24.75	0.00031
-4.95	-23.33	0.00030	-6.36	-21.92	0.00029
-7.78	-20.51	0.00028	-20.51	-7.78	0.00026
-21.92	-6.36	0.00026	-23.33	-4.95	0.00026
-24.75	-3.54	0.00026	-26.16	-2.12	0.00026
-28.28	0.00	0.00025	-31.82	3.54	0.00025
-35.36	7.07	0.00025	-42.43	14.14	0.00025
-49.50	21.21	0.00024	-56.57	28.28	0.00024
-63.64	35.36	0.00023	-70.71	42.43	0.00022
-77.78	49.50	0.00021	-84.85	56.57	0.00020
49.50	-91.92	0.00039	42.43	-84.85	0.00038
35.36	-77.78	0.00037	28.28	-70.71	0.00035
21.21	-63.64	0.00034	14.14	-56.57	0.00033
7.07	-49.50	0.00032	0.00	-42.43	0.00030
-3.54	-38.89	0.00029	-7.07	-35.36	0.00028
-9.19	-33.23	0.00027	-10.61	-31.82	0.00026
-12.02	-30.41	0.00025	-13.44	-28.99	0.00025
-14.85	-27.58	0.00024	-27.58	-14.85	0.00023
-28.99	-13.44	0.00023	-30.41	-12.02	0.00023
-31.82	-10.61	0.00022	-33.23	-9.19	0.00022
-35.36	-7.07	0.00022	-38.89	-3.54	0.00021
-42.43	0.00	0.00021	-49.50	7.07	0.00021
-56.57	14.14	0.00021	-63.64	21.21	0.00021
-70.71	28.28	0.00020	-77.78	35.36	0.00019
-84.85	42.43	0.00018	-91.92	49.50	0.00017
42.43	-98.99	0.00032	35.36	-91.92	0.00031
28.28	-84.85	0.00030	21.21	-77.78	0.00029
14.14	-70.71	0.00029	7.07	-63.64	0.00028
0.00	-56.57	0.00027	-7.07	-49.50	0.00026
-10.61	-45.96	0.00025	-14.14	-42.43	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00023	-17.68	-38.89	0.00022
-19.09	-37.48	0.00022	-20.51	-36.06	0.00021
-21.92	-34.65	0.00021	-34.65	-21.92	0.00020
-36.06	-20.51	0.00020	-37.48	-19.09	0.00020



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-38.89	-17.68	0.00020	-40.31	-16.26	0.00019
-42.43	-14.14	0.00019	-45.96	-10.61	0.00019
-49.50	-7.07	0.00018	-56.57	0.00	0.00018
-63.64	7.07	0.00018	-70.71	14.14	0.00018
-77.78	21.21	0.00018	-84.85	28.28	0.00017
-91.92	35.36	0.00016	-98.99	42.43	0.00015
35.36	-106.07	0.00027	28.28	-98.99	0.00027
21.21	-91.92	0.00026	14.14	-84.85	0.00025
7.07	-77.78	0.00025	0.00	-70.71	0.00024
-7.07	-63.64	0.00023	-14.14	-56.57	0.00022
-17.68	-53.03	0.00021	-21.21	-49.50	0.00020
-23.33	-47.38	0.00020	-24.75	-45.96	0.00019
-26.16	-44.55	0.00019	-27.58	-43.13	0.00018
-28.99	-41.72	0.00018	-41.72	-28.99	0.00017
-43.13	-27.58	0.00017	-44.55	-26.16	0.00017
-45.96	-24.75	0.00017	-47.38	-23.33	0.00017
-49.50	-21.21	0.00017	-53.03	-17.68	0.00017
-56.57	-14.14	0.00016	-63.64	-7.07	0.00016
-70.71	0.00	0.00016	-77.78	7.07	0.00016
-84.85	14.14	0.00016	-91.92	21.21	0.00015
-98.99	28.28	0.00015	-106.07	35.36	0.00014
28.28	-113.14	0.00023	21.21	-106.07	0.00023
14.14	-98.99	0.00022	7.07	-91.92	0.00022
0.00	-84.85	0.00021	-7.07	-77.78	0.00021
-14.14	-70.71	0.00020	-21.21	-63.64	0.00019
-24.75	-60.10	0.00018	-28.28	-56.57	0.00018
-30.41	-54.45	0.00017	-31.82	-53.03	0.00017
-33.23	-51.62	0.00016	-34.65	-50.20	0.00016
-36.06	-48.79	0.00016	-48.79	-36.06	0.00015
-50.20	-34.65	0.00015	-51.62	-33.23	0.00015
-53.03	-31.82	0.00015	-54.45	-30.41	0.00015
-56.57	-28.28	0.00015	-60.10	-24.75	0.00015
-63.64	-21.21	0.00014	-70.71	-14.14	0.00014
-77.78	-7.07	0.00014	-84.85	0.00	0.00014
-91.92	7.07	0.00014	-98.99	14.14	0.00014
-106.07	21.21	0.00013	-113.14	28.28	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00020	14.14	-113.14	0.00020
7.07	-106.07	0.00019	0.00	-98.99	0.00019
-7.07	-91.92	0.00019	-14.14	-84.85	0.00019
-21.21	-77.78	0.00018	-28.28	-70.71	0.00017
-31.82	-67.18	0.00016	-35.36	-63.64	0.00015
-37.48	-61.52	0.00015	-38.89	-60.10	0.00015
-40.31	-58.69	0.00014	-41.72	-57.28	0.00014
-43.13	-55.86	0.00014	-55.86	-43.13	0.00014
-57.28	-41.72	0.00014	-58.69	-40.31	0.00014
-60.10	-38.89	0.00014	-61.52	-37.48	0.00014
-63.64	-35.36	0.00013	-67.18	-31.82	0.00013
-70.71	-28.28	0.00013	-77.78	-21.21	0.00012
-84.85	-14.14	0.00012	-91.92	-7.07	0.00012
-98.99	0.00	0.00012	-106.07	7.07	0.00012
-113.14	14.14	0.00012	-120.21	21.21	0.00012
14.14	-127.28	0.00018	7.07	-120.21	0.00018
0.00	-113.14	0.00017	-7.07	-106.07	0.00017
-14.14	-98.99	0.00017	-21.21	-91.92	0.00016
-28.28	-84.85	0.00016	-35.36	-77.78	0.00015
-38.89	-74.25	0.00014	-42.43	-70.71	0.00014
-44.55	-68.59	0.00013	-45.96	-67.18	0.00013
-47.38	-65.76	0.00013	-48.79	-64.35	0.00013
-50.20	-62.93	0.00012	-62.93	-50.20	0.00012
-64.35	-48.79	0.00012	-65.76	-47.38	0.00012
-67.18	-45.96	0.00012	-68.59	-44.55	0.00012
-70.71	-42.43	0.00012	-74.25	-38.89	0.00012
-77.78	-35.36	0.00012	-84.85	-28.28	0.00011
-91.92	-21.21	0.00011	-98.99	-14.14	0.00011
-106.07	-7.07	0.00011	-113.14	0.00	0.00011
-120.21	7.07	0.00011	-127.28	14.14	0.00011
7.07	-134.35	0.00016	0.00	-127.28	0.00016
-7.07	-120.21	0.00015	-14.14	-113.14	0.00015
-21.21	-106.07	0.00015	-28.28	-98.99	0.00015
-35.36	-91.92	0.00014	-42.43	-84.85	0.00013
-45.96	-81.32	0.00013	-49.50	-77.78	0.00012
-51.62	-75.66	0.00012	-53.03	-74.25	0.00012
-54.45	-72.83	0.00011	-55.86	-71.42	0.00011
-57.28	-70.00	0.00011	-70.00	-57.28	0.00011
-71.42	-55.86	0.00011	-72.83	-54.45	0.00011
-74.25	-53.03	0.00011	-75.66	-51.62	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00011	-81.32	-45.96	0.00011
-84.85	-42.43	0.00011	-91.92	-35.36	0.00010
-98.99	-28.28	0.00010	-106.07	-21.21	0.00010
-113.14	-14.14	0.00010	-120.21	-7.07	0.00010
-127.28	0.00	0.00010	-134.35	7.07	0.00010
0.00	-141.42	0.00014	-7.07	-134.35	0.00014
-14.14	-127.28	0.00014	-21.21	-120.21	0.00014
-28.28	-113.14	0.00014	-35.36	-106.07	0.00013
-42.43	-98.99	0.00013	-49.50	-91.92	0.00012
-53.03	-88.39	0.00011	-56.57	-84.85	0.00011
-58.69	-82.73	0.00011	-60.10	-81.32	0.00010
-61.52	-79.90	0.00010	-62.93	-78.49	0.00010
-64.35	-77.07	0.00010	-77.07	-64.35	0.00010
-78.49	-62.93	0.00010	-79.90	-61.52	0.00010
-81.32	-60.10	0.00010	-82.73	-58.69	0.00010
-84.85	-56.57	0.00010	-88.39	-53.03	0.00010
-91.92	-49.50	0.00010	-98.99	-42.43	0.00009
-106.07	-35.36	0.00009	-113.14	-28.28	0.00009
-120.21	-21.21	0.00009	-127.28	-14.14	0.00009
-134.35	-7.07	0.00009	-141.42	0.00	0.00009
-7.07	-148.49	0.00013	-14.14	-141.42	0.00013
-21.21	-134.35	0.00013	-28.28	-127.28	0.00012
-35.36	-120.21	0.00012	-42.43	-113.14	0.00012
-49.50	-106.07	0.00011	-56.57	-98.99	0.00011
-60.10	-95.46	0.00010	-63.64	-91.92	0.00010
-65.76	-89.80	0.00010	-67.18	-88.39	0.00009
-68.59	-86.97	0.00009	-70.00	-85.56	0.00009
-71.42	-84.15	0.00009	-84.15	-71.42	0.00009
-85.56	-70.00	0.00009	-86.97	-68.59	0.00009
-88.39	-67.18	0.00009	-89.80	-65.76	0.00009
-91.92	-63.64	0.00009	-95.46	-60.10	0.00009
-98.99	-56.57	0.00009	-106.07	-49.50	0.00008
-113.14	-42.43	0.00008	-120.21	-35.36	0.00008
-127.28	-28.28	0.00008	-134.35	-21.21	0.00008
-141.42	-14.14	0.00008	-148.49	-7.07	0.00008
-14.14	-155.56	0.00012	-21.21	-148.49	0.00012

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	-141.42	0.00011	-35.36	-134.35	0.00011
-42.43	-127.28	0.00011	-49.50	-120.21	0.00011
-56.57	-113.14	0.00010	-63.64	-106.07	0.00010
-67.18	-102.53	0.00009	-70.71	-98.99	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00009	-74.25	-95.46	0.00009
-75.66	-94.05	0.00008	-77.07	-92.63	0.00008
-78.49	-91.22	0.00008	-91.22	-78.49	0.00008
-92.63	-77.07	0.00008	-94.05	-75.66	0.00008
-95.46	-74.25	0.00008	-96.87	-72.83	0.00008
-98.99	-70.71	0.00008	-102.53	-67.18	0.00008
-106.07	-63.64	0.00008	-113.14	-56.57	0.00008
-120.21	-49.50	0.00008	-127.28	-42.43	0.00007
-134.35	-35.36	0.00007	-141.42	-28.28	0.00007
-148.49	-21.21	0.00008	-155.56	-14.14	0.00007
-21.21	-162.63	0.00011	-28.28	-155.56	0.00011
-35.36	-148.49	0.00010	-42.43	-141.42	0.00010
-49.50	-134.35	0.00010	-56.57	-127.28	0.00010
-63.64	-120.21	0.00009	-70.71	-113.14	0.00009
-74.25	-109.60	0.00008	-77.78	-106.07	0.00008
-79.90	-103.94	0.00008	-81.32	-102.53	0.00008
-82.73	-101.12	0.00008	-84.15	-99.70	0.00008
-85.56	-98.29	0.00008	-98.29	-85.56	0.00008
-99.70	-84.15	0.00008	-101.12	-82.73	0.00008
-102.53	-81.32	0.00008	-103.94	-79.90	0.00008
-106.07	-77.78	0.00008	-109.60	-74.25	0.00008
-113.14	-70.71	0.00007	-120.21	-63.64	0.00007
-127.28	-56.57	0.00007	-134.35	-49.50	0.00007
-141.42	-42.43	0.00007	-148.49	-35.36	0.00007
-155.56	-28.28	0.00007	-162.63	-21.21	0.00007
-28.28	-169.71	0.00010	-35.36	-162.63	0.00010
-42.43	-155.56	0.00010	-49.50	-148.49	0.00009
-56.57	-141.42	0.00009	-63.64	-134.35	0.00009
-70.71	-127.28	0.00008	-77.78	-120.21	0.00008
-81.32	-116.67	0.00008	-84.85	-113.14	0.00007

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-86.97	-111.02	0.00007	-88.39	-109.60	0.00007
-89.80	-108.19	0.00007	-91.22	-106.77	0.00007
-92.63	-105.36	0.00007	-105.36	-92.63	0.00007
-106.77	-91.22	0.00007	-108.19	-89.80	0.00007
-109.60	-88.39	0.00007	-111.02	-86.97	0.00007
-113.14	-84.85	0.00007	-116.67	-81.32	0.00007
-120.21	-77.78	0.00007	-127.28	-70.71	0.00007
-134.35	-63.64	0.00006	-141.42	-56.57	0.00006
-148.49	-49.50	0.00006	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00009	-42.43	-169.71	0.00009
-49.50	-162.63	0.00009	-56.57	-155.56	0.00009
-63.64	-148.49	0.00008	-70.71	-141.42	0.00008
-77.78	-134.35	0.00008	-84.85	-127.28	0.00007
-88.39	-123.74	0.00007	-91.92	-120.21	0.00007
-94.05	-118.09	0.00007	-95.46	-116.67	0.00007
-96.87	-115.26	0.00007	-98.29	-113.84	0.00006
-99.70	-112.43	0.00006	-112.43	-99.70	0.00006
-113.84	-98.29	0.00006	-115.26	-96.87	0.00006
-116.67	-95.46	0.00006	-118.09	-94.05	0.00006
-120.21	-91.92	0.00006	-123.74	-88.39	0.00006
-127.28	-84.85	0.00006	-134.35	-77.78	0.00006
-141.42	-70.71	0.00006	-148.49	-63.64	0.00006
-155.56	-56.57	0.00006	-162.63	-49.50	0.00006
-169.71	-42.43	0.00006	-176.78	-35.36	0.00006
-42.43	-183.85	0.00008	-49.50	-176.78	0.00008
-56.57	-169.71	0.00008	-63.64	-162.63	0.00008
-70.71	-155.56	0.00008	-77.78	-148.49	0.00007
-84.85	-141.42	0.00007	-91.92	-134.35	0.00007
-95.46	-130.81	0.00006	-98.99	-127.28	0.00006
-101.12	-125.16	0.00006	-102.53	-123.74	0.00006
-103.94	-122.33	0.00006	-105.36	-120.92	0.00006
-106.77	-119.50	0.00006	-119.50	-106.77	0.00006
-120.92	-105.36	0.00006	-122.33	-103.94	0.00006

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-123.74	-102.53	0.00006	-125.16	-101.12	0.00006
-127.28	-98.99	0.00006	-130.81	-95.46	0.00006
-134.35	-91.92	0.00006	-141.42	-84.85	0.00006
-148.49	-77.78	0.00006	-155.56	-70.71	0.00005
-162.63	-63.64	0.00005	-169.71	-56.57	0.00005
-176.78	-49.50	0.00005	-183.85	-42.43	0.00005
-49.50	-190.92	0.00008	-56.57	-183.85	0.00008
-63.64	-176.78	0.00008	-70.71	-169.71	0.00007
-77.78	-162.63	0.00007	-84.85	-155.56	0.00007
-91.92	-148.49	0.00007	-98.99	-141.42	0.00006
-102.53	-137.89	0.00006	-106.07	-134.35	0.00006
-108.19	-132.23	0.00006	-109.60	-130.81	0.00006
-111.02	-129.40	0.00006	-112.43	-127.99	0.00006
-113.84	-126.57	0.00006	-126.57	-113.84	0.00006
-127.99	-112.43	0.00006	-129.40	-111.02	0.00006
-130.81	-109.60	0.00006	-132.23	-108.19	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00006	-137.89	-102.53	0.00006
-141.42	-98.99	0.00006	-148.49	-91.92	0.00005
-155.56	-84.85	0.00005	-162.63	-77.78	0.00005
-169.71	-70.71	0.00005	-176.78	-63.64	0.00005
-183.85	-56.57	0.00005	-190.92	-49.50	0.00005
-56.57	-197.99	0.00007	-63.64	-190.92	0.00007
-70.71	-183.85	0.00007	-77.78	-176.78	0.00007
-84.85	-169.71	0.00007	-91.92	-162.63	0.00006
-98.99	-155.56	0.00006	-106.07	-148.49	0.00006
-109.60	-144.96	0.00006	-113.14	-141.42	0.00005
-115.26	-139.30	0.00005	-116.67	-137.89	0.00005
-118.09	-136.47	0.00005	-119.50	-135.06	0.00005
-120.92	-133.64	0.00005	-133.64	-120.92	0.00005
-135.06	-119.50	0.00005	-136.47	-118.09	0.00005
-137.89	-116.67	0.00005	-139.30	-115.26	0.00005
-141.42	-113.14	0.00005	-144.96	-109.60	0.00005
-148.49	-106.07	0.00005	-155.56	-98.99	0.00005
-162.63	-91.92	0.00005	-169.71	-84.85	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-176.78	-77.78	0.00005	-183.85	-70.71	0.00005
-190.92	-63.64	0.00005	-197.99	-56.57	0.00005
-63.64	-205.06	0.00007	-70.71	-197.99	0.00007
-77.78	-190.92	0.00007	-84.85	-183.85	0.00006
-91.92	-176.78	0.00006	-98.99	-169.71	0.00006
-106.07	-162.63	0.00006	-113.14	-155.56	0.00005
-116.67	-152.03	0.00005	-120.21	-148.49	0.00005
-122.33	-146.37	0.00005	-123.74	-144.96	0.00005
-125.16	-143.54	0.00005	-126.57	-142.13	0.00005
-127.99	-140.71	0.00005	-140.71	-127.99	0.00005
-142.13	-126.57	0.00005	-143.54	-125.16	0.00005
-144.96	-123.74	0.00005	-146.37	-122.33	0.00005
-148.49	-120.21	0.00005	-152.03	-116.67	0.00005
-155.56	-113.14	0.00005	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00006	-77.78	-205.06	0.00006
-84.85	-197.99	0.00006	-91.92	-190.92	0.00006
-98.99	-183.85	0.00006	-106.07	-176.78	0.00005
-113.14	-169.71	0.00005	-120.21	-162.63	0.00005
-123.74	-159.10	0.00005	-127.28	-155.56	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00005	-130.81	-152.03	0.00005
-132.23	-150.61	0.00005	-133.64	-149.20	0.00005
-135.06	-147.79	0.00005	-147.79	-135.06	0.00004
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00004	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00006	-84.85	-212.13	0.00006
-91.92	-205.06	0.00006	-98.99	-197.99	0.00006

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.07	-190.92	0.00005	-113.14	-183.85	0.00005
-120.21	-176.78	0.00005	-127.28	-169.71	0.00005
-130.81	-166.17	0.00004	-134.35	-162.63	0.00004
-136.47	-160.51	0.00004	-137.89	-159.10	0.00004
-139.30	-157.68	0.00004	-140.71	-156.27	0.00004
-142.13	-154.86	0.00004	-154.86	-142.13	0.00004
-156.27	-140.71	0.00004	-157.68	-139.30	0.00004
-159.10	-137.89	0.00004	-160.51	-136.47	0.00004
-162.63	-134.35	0.00004	-166.17	-130.81	0.00004
-169.71	-127.28	0.00004	-176.78	-120.21	0.00004
-183.85	-113.14	0.00004	-190.92	-106.07	0.00004
-197.99	-98.99	0.00004	-205.06	-91.92	0.00004
-212.13	-84.85	0.00004	-219.20	-77.78	0.00004
-84.85	-226.27	0.00006	-91.92	-219.20	0.00005
-98.99	-212.13	0.00005	-106.07	-205.06	0.00005
-113.14	-197.99	0.00005	-120.21	-190.92	0.00005
-127.28	-183.85	0.00005	-134.35	-176.78	0.00004
-137.89	-173.24	0.00004	-141.42	-169.71	0.00004
-143.54	-167.58	0.00004	-144.96	-166.17	0.00004
-146.37	-164.76	0.00004	-147.79	-163.34	0.00004
-149.20	-161.93	0.00004	-161.93	-149.20	0.00004
-163.34	-147.79	0.00004	-164.76	-146.37	0.00004
-166.17	-144.96	0.00004	-167.58	-143.54	0.00004
-169.71	-141.42	0.00004	-173.24	-137.89	0.00004
-176.78	-134.35	0.00004	-183.85	-127.28	0.00004
-190.92	-120.21	0.00004	-197.99	-113.14	0.00004
-205.06	-106.07	0.00004	-212.13	-98.99	0.00004
-219.20	-91.92	0.00004	-226.27	-84.85	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00005	-98.99	-226.27	0.00005
-106.07	-219.20	0.00005	-113.14	-212.13	0.00005
-120.21	-205.06	0.00005	-127.28	-197.99	0.00004
-134.35	-190.92	0.00004	-141.42	-183.85	0.00004
-144.96	-180.31	0.00004	-148.49	-176.78	0.00004
-150.61	-174.66	0.00004	-152.03	-173.24	0.00004



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-153.44	-171.83	0.00004	-154.86	-170.41	0.00004
-156.27	-169.00	0.00004	-169.00	-156.27	0.00004
-170.41	-154.86	0.00004	-171.83	-153.44	0.00004
-173.24	-152.03	0.00004	-174.66	-150.61	0.00004
-176.78	-148.49	0.00004	-180.31	-144.96	0.00004
-183.85	-141.42	0.00004	-190.92	-134.35	0.00004
-197.99	-127.28	0.00004	-205.06	-120.21	0.00004
-212.13	-113.14	0.00004	-219.20	-106.07	0.00003
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00005	-106.07	-233.35	0.00005
-113.14	-226.27	0.00005	-120.21	-219.20	0.00005
-127.28	-212.13	0.00004	-134.35	-205.06	0.00004
-141.42	-197.99	0.00004	-148.49	-190.92	0.00004
-152.03	-187.38	0.00004	-155.56	-183.85	0.00004
-157.68	-181.73	0.00004	-159.10	-180.31	0.00004
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-176.07	-163.34	0.00004
-177.48	-161.93	0.00004	-178.90	-160.51	0.00004
-180.31	-159.10	0.00004	-181.73	-157.68	0.00004
-183.85	-155.56	0.00004	-187.38	-152.03	0.00004
-190.92	-148.49	0.00004	-197.99	-141.42	0.00004
-205.06	-134.35	0.00004	-212.13	-127.28	0.00003
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00005	-113.14	-240.42	0.00005
-120.21	-233.35	0.00004	-127.28	-226.27	0.00004
-134.35	-219.20	0.00004	-141.42	-212.13	0.00004
-148.49	-205.06	0.00004	-155.56	-197.99	0.00004
-159.10	-194.45	0.00004	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-184.55	-169.00	0.00003	-185.97	-167.58	0.00003
-187.38	-166.17	0.00003	-188.80	-164.76	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003
-226.27	-127.28	0.00003	-233.35	-120.21	0.00003
-240.42	-113.14	0.00003	-247.49	-106.07	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00110	240.42	113.14	0.00116
233.35	120.21	0.00121	226.27	127.28	0.00125
219.20	134.35	0.00126	212.13	141.42	0.00122
205.06	148.49	0.00111	197.99	155.56	0.00093
194.45	159.10	0.00081	190.92	162.63	0.00068
188.80	164.76	0.00061	187.38	166.17	0.00057
185.97	167.58	0.00053	184.55	169.00	0.00049
183.14	170.41	0.00047	170.41	183.14	0.00032
169.00	184.55	0.00031	167.58	185.97	0.00030
166.17	187.38	0.00029	164.76	188.80	0.00028
162.63	190.92	0.00027	159.10	194.45	0.00026
155.56	197.99	0.00025	148.49	205.06	0.00025
141.42	212.13	0.00024	134.35	219.20	0.00024
127.28	226.27	0.00023	120.21	233.35	0.00022
113.14	240.42	0.00020	106.07	247.49	0.00019
240.42	98.99	0.00134	233.35	106.07	0.00145
226.27	113.14	0.00155	219.20	120.21	0.00166
212.13	127.28	0.00174	205.06	134.35	0.00179
197.99	141.42	0.00178	190.92	148.49	0.00163
187.38	152.03	0.00149	183.85	155.56	0.00128
181.73	157.68	0.00114	180.31	159.10	0.00104
178.90	160.51	0.00094	177.48	161.93	0.00084
176.07	163.34	0.00075	163.34	176.07	0.00042
161.93	177.48	0.00040	160.51	178.90	0.00039
159.10	180.31	0.00038	157.68	181.73	0.00037
155.56	183.85	0.00037	152.03	187.38	0.00036
148.49	190.92	0.00036	141.42	197.99	0.00036
134.35	205.06	0.00034	127.28	212.13	0.00032
120.21	219.20	0.00030	113.14	226.27	0.00028

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

106.07	233.35	0.00025	98.99	240.42	0.00023
233.35	91.92	0.00159	226.27	98.99	0.00176
219.20	106.07	0.00194	212.13	113.14	0.00213
205.06	120.21	0.00234	197.99	127.28	0.00254
190.92	134.35	0.00272	183.85	141.42	0.00280
180.31	144.96	0.00277	176.78	148.49	0.00265
174.66	150.61	0.00251	173.24	152.03	0.00239
171.83	153.44	0.00223	170.41	154.86	0.00203
169.00	156.27	0.00178	156.27	169.00	0.00061
154.86	170.41	0.00061	153.44	171.83	0.00061
152.03	173.24	0.00061	150.61	174.66	0.00061

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00061	144.96	180.31	0.00060
141.42	183.85	0.00058	134.35	190.92	0.00053
127.28	197.99	0.00048	120.21	205.06	0.00043
113.14	212.13	0.00039	106.07	219.20	0.00035
99.00	226.27	0.00031	91.92	233.35	0.00028
226.27	84.85	0.00182	219.20	91.92	0.00204
212.13	98.99	0.00230	205.06	106.07	0.00259
197.99	113.14	0.00292	190.92	120.21	0.00329
183.85	127.28	0.00369	176.78	134.35	0.00408
173.24	137.89	0.00425	169.71	141.42	0.00435
167.58	143.54	0.00438	166.17	144.96	0.00437
164.76	146.37	0.00436	163.34	147.79	0.00435
161.93	149.20	0.00433	149.20	161.93	0.00120
147.79	163.34	0.00114	146.37	164.76	0.00110
144.96	166.17	0.00107	143.54	167.58	0.00104
141.42	169.71	0.00100	137.89	173.24	0.00093
134.35	176.78	0.00087	127.28	183.85	0.00075
120.21	190.92	0.00064	113.14	197.99	0.00056
106.07	205.06	0.00049	99.00	212.13	0.00043
91.92	219.20	0.00038	84.85	226.27	0.00034
219.20	77.78	0.00201	212.13	84.85	0.00228
205.06	91.92	0.00259	197.99	98.99	0.00296
190.92	106.07	0.00339	183.85	113.14	0.00387

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

176.78	120.21	0.00439	169.71	127.28	0.00488
166.17	130.81	0.00507	162.63	134.35	0.00518
160.51	136.47	0.00518	159.10	137.89	0.00514
157.68	139.30	0.00508	156.27	140.71	0.00500
154.86	142.13	0.00491	142.13	154.86	0.00146
140.71	156.27	0.00142	139.30	157.68	0.00138
137.89	159.10	0.00135	136.47	160.51	0.00132
134.35	162.63	0.00128	130.81	166.17	0.00119
127.28	169.71	0.00110	120.21	176.78	0.00093
113.14	183.85	0.00079	106.07	190.92	0.00067
99.00	197.99	0.00058	91.92	205.06	0.00050
84.85	212.13	0.00044	77.78	219.20	0.00038
212.13	70.71	0.00214	205.06	77.78	0.00244
197.99	84.85	0.00280	190.92	91.92	0.00322
183.85	98.99	0.00370	176.78	106.07	0.00424
169.71	113.14	0.00481	162.63	120.21	0.00531
159.10	123.74	0.00547	155.56	127.28	0.00552

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00548	152.03	130.81	0.00542
150.61	132.23	0.00533	149.20	133.64	0.00521
147.79	135.06	0.00510	135.06	147.79	0.00159
133.64	149.20	0.00155	132.23	150.61	0.00152
130.81	152.03	0.00149	129.40	153.44	0.00147
127.28	155.56	0.00143	123.74	159.10	0.00135
120.21	162.63	0.00126	113.14	169.71	0.00108
106.07	176.78	0.00091	98.99	183.85	0.00077
91.92	190.92	0.00065	84.85	197.99	0.00056
77.78	205.06	0.00049	70.71	212.13	0.00042
205.06	63.64	0.00220	197.99	70.71	0.00253
190.92	77.78	0.00291	183.85	84.85	0.00336
176.78	91.92	0.00387	169.71	98.99	0.00445
162.63	106.07	0.00504	155.56	113.14	0.00552
152.03	116.67	0.00566	148.49	120.21	0.00568
146.37	122.33	0.00562	144.96	123.74	0.00555
143.54	125.16	0.00546	142.13	126.57	0.00533



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

98.99	141.42	0.00145	91.92	148.49	0.00126
84.85	155.56	0.00108	77.78	162.63	0.00092
70.71	169.71	0.00078	63.64	176.78	0.00067
56.57	183.85	0.00057	49.50	190.92	0.00049
183.85	42.43	0.00202	176.78	49.50	0.00231
169.71	56.57	0.00265	162.63	63.64	0.00306
155.56	70.71	0.00353	148.49	77.78	0.00407
141.42	84.85	0.00466	134.35	91.92	0.00522
130.81	95.46	0.00542	127.28	98.99	0.00553
125.16	101.12	0.00552	123.74	102.53	0.00548
122.33	103.94	0.00541	120.92	105.36	0.00530
119.50	106.77	0.00518	106.77	119.50	0.00171
105.36	120.92	0.00167	103.94	122.33	0.00165
102.53	123.74	0.00164	101.12	125.16	0.00162
98.99	127.28	0.00159	95.46	130.81	0.00152
91.92	134.35	0.00144	84.85	141.42	0.00125
77.78	148.49	0.00106	70.71	155.56	0.00090
63.64	162.63	0.00077	56.57	169.71	0.00066
49.50	176.78	0.00057	42.43	183.85	0.00049
176.78	35.36	0.00184	169.71	42.43	0.00208
162.63	49.50	0.00237	155.56	56.57	0.00271
148.49	63.64	0.00311	141.42	70.71	0.00356
134.35	77.78	0.00405	127.28	84.85	0.00456
123.74	88.39	0.00480	120.21	91.92	0.00498
118.09	94.05	0.00505	116.67	95.46	0.00506
115.26	96.87	0.00505	113.84	98.29	0.00500
112.43	99.70	0.00494	99.70	112.43	0.00165
98.29	113.84	0.00162	96.87	115.26	0.00160
95.46	116.67	0.00158	94.05	118.09	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00153	88.39	123.74	0.00145
84.85	127.28	0.00136	77.78	134.35	0.00118
70.71	141.42	0.00100	63.64	148.49	0.00085
56.57	155.56	0.00073	49.50	162.63	0.00063
42.43	169.71	0.00055	35.36	176.78	0.00047

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

169.71	28.28	0.00162	162.63	35.36	0.00181
155.56	42.43	0.00203	148.49	49.50	0.00227
141.42	56.57	0.00255	134.35	63.64	0.00284
127.28	70.71	0.00315	120.21	77.78	0.00343
116.67	81.32	0.00355	113.14	84.85	0.00366
111.02	86.97	0.00371	109.60	88.39	0.00375
108.19	89.80	0.00379	106.77	91.22	0.00385
105.36	92.63	0.00393	92.63	105.36	0.00148
91.22	106.77	0.00144	89.80	108.19	0.00140
88.39	109.60	0.00138	86.97	111.02	0.00135
84.85	113.14	0.00131	81.32	116.67	0.00125
77.78	120.21	0.00118	70.71	127.28	0.00103
63.64	134.35	0.00089	56.57	141.42	0.00077
49.50	148.49	0.00067	42.43	155.56	0.00058
35.36	162.63	0.00051	28.28	169.71	0.00045
162.63	21.21	0.00139	155.56	28.28	0.00152
148.49	35.36	0.00167	141.42	42.43	0.00182
134.35	49.50	0.00197	127.28	56.57	0.00211
120.21	63.64	0.00219	113.14	70.71	0.00217
109.60	74.25	0.00210	106.07	77.78	0.00197
103.94	79.90	0.00186	102.53	81.32	0.00177
101.12	82.73	0.00167	99.70	84.15	0.00156
98.29	85.56	0.00143	85.56	98.29	0.00091
84.15	99.70	0.00092	82.73	101.12	0.00093
81.32	102.53	0.00093	79.90	103.94	0.00094
77.78	106.07	0.00094	74.25	109.60	0.00093
70.71	113.14	0.00091	63.64	120.21	0.00083
56.57	127.28	0.00075	49.50	134.35	0.00066
42.43	141.42	0.00058	35.36	148.49	0.00052
28.28	155.56	0.00046	21.21	162.63	0.00041
155.56	14.14	0.00117	148.49	21.21	0.00126
141.42	28.28	0.00134	134.35	35.36	0.00142
127.28	42.43	0.00149	120.21	49.50	0.00152
113.14	56.57	0.00149	106.07	63.64	0.00138
102.53	67.18	0.00128	98.99	70.71	0.00115

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00107	95.46	74.25	0.00101
94.05	75.66	0.00096	92.63	77.07	0.00090
91.22	78.49	0.00085	78.49	91.22	0.00065
77.07	92.63	0.00065	75.66	94.05	0.00065
74.25	95.46	0.00066	72.83	96.87	0.00066
70.71	98.99	0.00067	67.18	102.53	0.00068
63.64	106.07	0.00069	56.57	113.14	0.00067
49.50	120.21	0.00062	42.43	127.28	0.00056
35.36	134.35	0.00050	28.28	141.42	0.00045
21.21	148.49	0.00041	14.14	155.56	0.00037
148.49	7.07	0.00097	141.42	14.14	0.00103
134.35	21.21	0.00107	127.28	28.28	0.00111
120.21	35.36	0.00112	113.14	42.43	0.00111
106.07	49.50	0.00105	98.99	56.57	0.00093
95.46	60.10	0.00086	91.92	63.64	0.00080
89.80	65.76	0.00076	88.39	67.18	0.00073
86.97	68.59	0.00070	85.56	70.00	0.00067
84.15	71.42	0.00064	71.42	84.15	0.00052
70.00	85.56	0.00052	68.59	86.97	0.00052
67.18	88.39	0.00052	65.76	89.80	0.00052
63.64	91.92	0.00052	60.10	95.46	0.00052
56.57	98.99	0.00052	49.50	106.07	0.00052
42.43	113.14	0.00050	35.36	120.21	0.00047
28.28	127.28	0.00043	21.21	134.35	0.00040
14.14	141.42	0.00036	7.07	148.49	0.00033
141.42	0.00	0.00081	134.35	7.07	0.00084
127.28	14.14	0.00086	120.21	21.21	0.00086
113.14	28.28	0.00085	106.07	35.36	0.00082
98.99	42.43	0.00076	91.92	49.50	0.00068
88.39	53.03	0.00065	84.85	56.57	0.00061
82.73	58.69	0.00059	81.32	60.10	0.00057
79.90	61.52	0.00055	78.49	62.93	0.00053
77.07	64.35	0.00051	64.35	77.07	0.00043
62.93	78.49	0.00043	61.52	79.90	0.00043
60.10	81.32	0.00042	58.69	82.73	0.00042
56.57	84.85	0.00042	53.03	88.39	0.00042
49.50	91.92	0.00042	42.43	98.99	0.00042
35.36	106.07	0.00040	28.28	113.14	0.00039
21.21	120.21	0.00037	14.14	127.28	0.00034
7.07	134.35	0.00032	0.00	141.42	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTS:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00067	127.28	0.00	0.00068
120.21	7.07	0.00069	113.14	14.14	0.00068
106.07	21.21	0.00065	98.99	28.28	0.00062
91.92	35.36	0.00057	84.85	42.43	0.00053
81.32	45.96	0.00051	77.78	49.50	0.00049
75.66	51.62	0.00047	74.25	53.03	0.00046
72.83	54.45	0.00044	71.42	55.86	0.00043
70.00	57.28	0.00041	57.28	70.00	0.00036
55.86	71.42	0.00036	54.45	72.83	0.00036
53.03	74.25	0.00035	51.62	75.66	0.00035
49.50	77.78	0.00035	45.96	81.32	0.00035
42.43	84.85	0.00035	35.36	91.92	0.00034
28.28	98.99	0.00033	21.21	106.07	0.00032
14.14	113.14	0.00031	7.07	120.21	0.00029
0.00	127.28	0.00028	-7.07	134.35	0.00026
127.28	-14.14	0.00056	120.21	-7.07	0.00056
113.14	0.00	0.00055	106.07	7.07	0.00053
98.99	14.14	0.00051	91.92	21.21	0.00048
84.85	28.28	0.00046	77.78	35.36	0.00043
74.25	38.89	0.00042	70.71	42.43	0.00040
68.59	44.55	0.00039	67.18	45.96	0.00037
65.76	47.38	0.00036	64.35	48.79	0.00035
62.93	50.20	0.00034	50.20	62.93	0.00031
48.79	64.35	0.00031	47.38	65.76	0.00030
45.96	67.18	0.00030	44.55	68.59	0.00030
42.43	70.71	0.00029	38.89	74.25	0.00029
35.36	77.78	0.00029	28.28	84.85	0.00029
21.21	91.92	0.00028	14.14	98.99	0.00027
7.07	106.07	0.00026	0.00	113.14	0.00025
-7.07	120.21	0.00024	-14.14	127.28	0.00023
120.21	-21.21	0.00046	113.14	-14.14	0.00046
106.07	-7.07	0.00045	98.99	0.00	0.00043
91.92	7.07	0.00041	84.85	14.14	0.00039
77.78	21.21	0.00038	70.71	28.28	0.00036
67.18	31.82	0.00035	63.64	35.36	0.00033
61.52	37.48	0.00032	60.10	38.89	0.00031
58.69	40.31	0.00030	57.28	41.72	0.00029

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

55.86	43.13	0.00028	43.13	55.86	0.00026
41.72	57.28	0.00026	40.31	58.69	0.00026
38.89	60.10	0.00026	37.48	61.52	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00025	31.82	67.18	0.00025
28.28	70.71	0.00025	21.21	77.78	0.00025
14.14	84.85	0.00024	7.07	91.92	0.00024
0.00	98.99	0.00023	-7.07	106.07	0.00022
-14.14	113.14	0.00021	-21.21	120.21	0.00020
113.14	-28.28	0.00039	106.07	-21.21	0.00038
98.99	-14.14	0.00036	91.92	-7.07	0.00035
84.85	0.00	0.00034	77.78	7.07	0.00033
70.71	14.14	0.00032	63.64	21.21	0.00030
60.10	24.75	0.00029	56.57	28.28	0.00028
54.45	30.41	0.00027	53.03	31.82	0.00026
51.62	33.23	0.00025	50.20	34.65	0.00025
48.79	36.06	0.00024	36.06	48.79	0.00023
34.65	50.20	0.00023	33.23	51.62	0.00023
31.82	53.03	0.00022	30.41	54.45	0.00022
28.28	56.57	0.00022	24.75	60.10	0.00021
21.21	63.64	0.00021	14.14	70.71	0.00021
7.07	77.78	0.00021	0.00	84.85	0.00021
-7.07	91.92	0.00020	-14.14	98.99	0.00019
-21.21	106.07	0.00018	-28.28	113.14	0.00017
106.07	-35.36	0.00032	98.99	-28.28	0.00031
91.92	-21.21	0.00030	84.85	-14.14	0.00029
77.78	-7.07	0.00029	70.71	0.00	0.00028
63.64	7.07	0.00027	56.57	14.14	0.00026
53.03	17.68	0.00025	49.50	21.21	0.00024
47.38	23.33	0.00023	45.96	24.75	0.00022
44.55	26.16	0.00022	43.13	27.58	0.00021
41.72	28.99	0.00021	28.99	41.72	0.00020
27.58	43.13	0.00020	26.16	44.55	0.00020
24.75	45.96	0.00020	23.33	47.38	0.00019
21.21	49.50	0.00019	17.68	53.03	0.00019

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

14.14	56.57	0.00018	7.07	63.64	0.00018
0.00	70.71	0.00018	-7.07	77.78	0.00018
-14.14	84.85	0.00018	-21.21	91.92	0.00017
-28.28	98.99	0.00016	-35.36	106.07	0.00015
98.99	-42.43	0.00027	91.92	-35.36	0.00027
84.85	-28.28	0.00026	77.78	-21.21	0.00025
70.71	-14.14	0.00025	63.64	-7.07	0.00024
56.57	0.00	0.00023	49.50	7.07	0.00022
45.96	10.61	0.00021	42.43	14.14	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00020	38.89	17.68	0.00019
37.48	19.09	0.00019	36.06	20.51	0.00018
34.65	21.92	0.00018	21.92	34.65	0.00017
20.51	36.06	0.00017	19.09	37.48	0.00017
17.68	38.89	0.00017	16.26	40.31	0.00017
14.14	42.43	0.00017	10.61	45.96	0.00017
7.07	49.50	0.00016	0.00	56.57	0.00016
-7.07	63.64	0.00016	-14.14	70.71	0.00016
-21.21	77.78	0.00016	-28.28	84.85	0.00015
-35.36	91.92	0.00015	-42.43	98.99	0.00014
91.92	-49.50	0.00023	84.85	-42.43	0.00023
77.78	-35.36	0.00022	70.71	-28.28	0.00022
63.64	-21.21	0.00021	56.57	-14.14	0.00021
49.50	-7.07	0.00020	42.43	0.00	0.00019
38.89	3.54	0.00018	35.36	7.07	0.00018
33.23	9.19	0.00017	31.82	10.61	0.00017
30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00016	14.85	27.58	0.00015
13.44	28.99	0.00015	12.02	30.41	0.00015
10.61	31.82	0.00015	9.19	33.23	0.00015
7.07	35.36	0.00015	3.54	38.89	0.00015
0.00	42.43	0.00014	-7.07	49.50	0.00014
-14.14	56.57	0.00014	-21.21	63.64	0.00014
-28.28	70.71	0.00014	-35.36	77.78	0.00014
-42.43	84.85	0.00013	-49.50	91.92	0.00013

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

84.85	-56.57	0.00020	77.78	-49.50	0.00020
70.71	-42.43	0.00019	63.64	-35.36	0.00019
56.57	-28.28	0.00019	49.50	-21.21	0.00019
42.43	-14.14	0.00018	35.36	-7.07	0.00017
31.82	-3.54	0.00016	28.28	0.00	0.00015
26.16	2.12	0.00015	24.75	3.54	0.00015
23.33	4.95	0.00014	21.92	6.36	0.00014
20.51	7.78	0.00014	7.78	20.51	0.00014
6.36	21.92	0.00014	4.95	23.33	0.00014
3.54	24.75	0.00014	2.12	26.16	0.00014
0.00	28.28	0.00013	-3.54	31.82	0.00013
-7.07	35.36	0.00013	-14.14	42.43	0.00012
-21.21	49.50	0.00012	-28.28	56.57	0.00012
-35.36	63.64	0.00012	-42.43	70.71	0.00012
-49.50	77.78	0.00012	-56.57	84.85	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00018	70.71	-56.57	0.00018
63.64	-49.50	0.00017	56.57	-42.43	0.00017
49.50	-35.36	0.00017	42.43	-28.28	0.00016
35.36	-21.21	0.00016	28.28	-14.14	0.00015
24.75	-10.61	0.00014	21.21	-7.07	0.00014
19.09	-4.95	0.00013	17.68	-3.54	0.00013
16.26	-2.12	0.00013	14.85	-0.71	0.00013
13.44	0.71	0.00012	0.71	13.44	0.00012
-0.71	14.85	0.00012	-2.12	16.26	0.00012
-3.54	17.68	0.00012	-4.95	19.09	0.00012
-7.07	21.21	0.00012	-10.61	24.75	0.00012
-14.14	28.28	0.00012	-21.21	35.36	0.00011
-28.28	42.43	0.00011	-35.36	49.50	0.00011
-42.43	56.57	0.00011	-49.50	63.64	0.00011
-56.57	70.71	0.00011	-63.64	77.78	0.00011
70.71	-70.71	0.00016	63.64	-63.64	0.00016
56.57	-56.57	0.00015	49.50	-49.50	0.00015
42.43	-42.43	0.00015	35.36	-35.36	0.00015
28.28	-28.28	0.00014	21.21	-21.21	0.00013

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

17.68	-17.68	0.00013	14.14	-14.14	0.00012
12.02	-12.02	0.00012	10.61	-10.61	0.00012
9.19	-9.19	0.00011	7.78	-7.78	0.00011
6.36	-6.36	0.00011	-6.36	6.36	0.00011
-7.78	7.78	0.00011	-9.19	9.19	0.00011
-10.61	10.61	0.00011	-12.02	12.02	0.00011
-14.14	14.14	0.00011	-17.68	17.68	0.00011
-21.21	21.21	0.00011	-28.28	28.28	0.00010
-35.36	35.36	0.00010	-42.43	42.43	0.00010
-49.50	49.50	0.00010	-56.57	56.57	0.00010
-63.64	63.64	0.00010	-70.71	70.71	0.00010
63.64	-77.78	0.00014	56.57	-70.71	0.00014
49.50	-63.64	0.00014	42.43	-56.57	0.00014
35.36	-49.50	0.00014	28.28	-42.43	0.00013
21.21	-35.36	0.00013	14.14	-28.28	0.00012
10.61	-24.75	0.00011	7.07	-21.21	0.00011
4.95	-19.09	0.00011	3.54	-17.68	0.00010
2.12	-16.26	0.00010	0.71	-14.85	0.00010
-0.71	-13.44	0.00010	-13.44	-0.71	0.00010
-14.85	0.71	0.00010	-16.26	2.12	0.00010
-17.68	3.54	0.00010	-19.09	4.95	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00010	-24.75	10.61	0.00010
-28.28	14.14	0.00010	-35.36	21.21	0.00009
-42.43	28.28	0.00009	-49.50	35.36	0.00009
-56.57	42.43	0.00009	-63.64	49.50	0.00009
-70.71	56.57	0.00009	-77.78	63.64	0.00009
56.57	-84.85	0.00013	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00012
28.28	-56.57	0.00012	21.21	-49.50	0.00012
14.14	-42.43	0.00011	7.07	-35.36	0.00011
3.54	-31.82	0.00010	0.00	-28.28	0.00010
-2.12	-26.16	0.00010	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00009

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-21.92	-6.36	0.00009	-23.33	-4.95	0.00009
-24.75	-3.54	0.00009	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00008
-49.50	21.21	0.00008	-56.57	28.28	0.00008
-63.64	35.36	0.00008	-70.71	42.43	0.00008
-77.78	49.50	0.00008	-84.85	56.57	0.00008
49.50	-91.92	0.00012	42.43	-84.85	0.00012
35.36	-77.78	0.00011	28.28	-70.71	0.00011
21.21	-63.64	0.00011	14.14	-56.57	0.00011
7.07	-49.50	0.00010	0.00	-42.43	0.00010
-3.54	-38.89	0.00009	-7.07	-35.36	0.00009
-9.19	-33.23	0.00009	-10.61	-31.82	0.00009
-12.02	-30.41	0.00008	-13.44	-28.99	0.00008
-14.85	-27.58	0.00008	-27.58	-14.85	0.00008
-28.99	-13.44	0.00008	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00008	-63.64	21.21	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00007
-84.85	42.43	0.00008	-91.92	49.50	0.00007
42.43	-98.99	0.00011	35.36	-91.92	0.00011
28.28	-84.85	0.00010	21.21	-77.78	0.00010
14.14	-70.71	0.00010	7.07	-63.64	0.00010
0.00	-56.57	0.00009	-7.07	-49.50	0.00009
-10.61	-45.96	0.00008	-14.14	-42.43	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00008	-17.68	-38.89	0.00008
-19.09	-37.48	0.00008	-20.51	-36.06	0.00008
-21.92	-34.65	0.00008	-34.65	-21.92	0.00008
-36.06	-20.51	0.00008	-37.48	-19.09	0.00008
-38.89	-17.68	0.00008	-40.31	-16.26	0.00008
-42.43	-14.14	0.00008	-45.96	-10.61	0.00008
-49.50	-7.07	0.00007	-56.57	0.00	0.00007

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-63.64	7.07	0.00007	-70.71	14.14	0.00007
-77.78	21.21	0.00007	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00007
35.36	-106.07	0.00010	28.28	-98.99	0.00010
21.21	-91.92	0.00010	14.14	-84.85	0.00009
7.07	-77.78	0.00009	0.00	-70.71	0.00009
-7.07	-63.64	0.00008	-14.14	-56.57	0.00008
-17.68	-53.03	0.00008	-21.21	-49.50	0.00007
-23.33	-47.38	0.00007	-24.75	-45.96	0.00007
-26.16	-44.55	0.00007	-27.58	-43.13	0.00007
-28.99	-41.72	0.00007	-41.72	-28.99	0.00007
-43.13	-27.58	0.00007	-44.55	-26.16	0.00007
-45.96	-24.75	0.00007	-47.38	-23.33	0.00007
-49.50	-21.21	0.00007	-53.03	-17.68	0.00007
-56.57	-14.14	0.00007	-63.64	-7.07	0.00007
-70.71	0.00	0.00006	-77.78	7.07	0.00006
-84.85	14.14	0.00006	-91.92	21.21	0.00006
-98.99	28.28	0.00006	-106.07	35.36	0.00006
28.28	-113.14	0.00009	21.21	-106.07	0.00009
14.14	-98.99	0.00009	7.07	-91.92	0.00009
0.00	-84.85	0.00008	-7.07	-77.78	0.00008
-14.14	-70.71	0.00008	-21.21	-63.64	0.00007
-24.75	-60.10	0.00007	-28.28	-56.57	0.00007
-30.41	-54.45	0.00007	-31.82	-53.03	0.00007
-33.23	-51.62	0.00007	-34.65	-50.20	0.00006
-36.06	-48.79	0.00006	-48.79	-36.06	0.00006
-50.20	-34.65	0.00006	-51.62	-33.23	0.00006
-53.03	-31.82	0.00006	-54.45	-30.41	0.00006
-56.57	-28.28	0.00006	-60.10	-24.75	0.00006
-63.64	-21.21	0.00006	-70.71	-14.14	0.00006
-77.78	-7.07	0.00006	-84.85	0.00	0.00006
-91.92	7.07	0.00006	-98.99	14.14	0.00006
-106.07	21.21	0.00006	-113.14	28.28	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00008	14.14	-113.14	0.00008

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

7.07	-106.07	0.00008	0.00	-98.99	0.00008
-7.07	-91.92	0.00008	-14.14	-84.85	0.00007
-21.21	-77.78	0.00007	-28.28	-70.71	0.00007
-31.82	-67.18	0.00006	-35.36	-63.64	0.00006
-37.48	-61.52	0.00006	-38.89	-60.10	0.00006
-40.31	-58.69	0.00006	-41.72	-57.28	0.00006
-43.13	-55.86	0.00006	-55.86	-43.13	0.00006
-57.28	-41.72	0.00006	-58.69	-40.31	0.00006
-60.10	-38.89	0.00006	-61.52	-37.48	0.00006
-63.64	-35.36	0.00006	-67.18	-31.82	0.00006
-70.71	-28.28	0.00006	-77.78	-21.21	0.00006
-84.85	-14.14	0.00006	-91.92	-7.07	0.00005
-98.99	0.00	0.00005	-106.07	7.07	0.00005
-113.14	14.14	0.00005	-120.21	21.21	0.00005
14.14	-127.28	0.00008	7.07	-120.21	0.00008
0.00	-113.14	0.00008	-7.07	-106.07	0.00007
-14.14	-98.99	0.00007	-21.21	-91.92	0.00007
-28.28	-84.85	0.00007	-35.36	-77.78	0.00006
-38.89	-74.25	0.00006	-42.43	-70.71	0.00006
-44.55	-68.59	0.00006	-45.96	-67.18	0.00006
-47.38	-65.76	0.00006	-48.79	-64.35	0.00006
-50.20	-62.93	0.00006	-62.93	-50.20	0.00006
-64.35	-48.79	0.00006	-65.76	-47.38	0.00006
-67.18	-45.96	0.00006	-68.59	-44.55	0.00006
-70.71	-42.43	0.00006	-74.25	-38.89	0.00006
-77.78	-35.36	0.00006	-84.85	-28.28	0.00005
-91.92	-21.21	0.00005	-98.99	-14.14	0.00005
-106.07	-7.07	0.00005	-113.14	0.00	0.00005
-120.21	7.07	0.00005	-127.28	14.14	0.00005
7.07	-134.35	0.00007	0.00	-127.28	0.00007
-7.07	-120.21	0.00007	-14.14	-113.14	0.00007
-21.21	-106.07	0.00007	-28.28	-98.99	0.00006
-35.36	-91.92	0.00006	-42.43	-84.85	0.00006
-45.96	-81.32	0.00006	-49.50	-77.78	0.00005
-51.62	-75.66	0.00005	-53.03	-74.25	0.00005
-54.45	-72.83	0.00005	-55.86	-71.42	0.00005
-57.28	-70.00	0.00005	-70.00	-57.28	0.00005
-71.42	-55.86	0.00005	-72.83	-54.45	0.00005
-74.25	-53.03	0.00005	-75.66	-51.62	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00005	-81.32	-45.96	0.00005
-84.85	-42.43	0.00005	-91.92	-35.36	0.00005
-98.99	-28.28	0.00005	-106.07	-21.21	0.00005
-113.14	-14.14	0.00005	-120.21	-7.07	0.00005
-127.28	0.00	0.00005	-134.35	7.07	0.00005
0.00	-141.42	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00006
-28.28	-113.14	0.00006	-35.36	-106.07	0.00006
-42.43	-98.99	0.00006	-49.50	-91.92	0.00005
-53.03	-88.39	0.00005	-56.57	-84.85	0.00005
-58.69	-82.73	0.00005	-60.10	-81.32	0.00005
-61.52	-79.90	0.00005	-62.93	-78.49	0.00005
-64.35	-77.07	0.00005	-77.07	-64.35	0.00005
-78.49	-62.93	0.00005	-79.90	-61.52	0.00005
-81.32	-60.10	0.00005	-82.73	-58.69	0.00005
-84.85	-56.57	0.00005	-88.39	-53.03	0.00005
-91.92	-49.50	0.00005	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00004	-127.28	-14.14	0.00004
-134.35	-7.07	0.00004	-141.42	0.00	0.00004
-7.07	-148.49	0.00006	-14.14	-141.42	0.00006
-21.21	-134.35	0.00006	-28.28	-127.28	0.00006
-35.36	-120.21	0.00006	-42.43	-113.14	0.00005
-49.50	-106.07	0.00005	-56.57	-98.99	0.00005
-60.10	-95.46	0.00005	-63.64	-91.92	0.00005
-65.76	-89.80	0.00005	-67.18	-88.39	0.00005
-68.59	-86.97	0.00005	-70.00	-85.56	0.00005
-71.42	-84.15	0.00005	-84.15	-71.42	0.00004
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00004	-120.21	-35.36	0.00004
-127.28	-28.28	0.00004	-134.35	-21.21	0.00004
-141.42	-14.14	0.00004	-148.49	-7.07	0.00004
-14.14	-155.56	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00005	-49.50	-120.21	0.00005
-56.57	-113.14	0.00005	-63.64	-106.07	0.00005

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-67.18      -102.53      0.00004      -70.71      -98.99      0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00004	-74.25	-95.46	0.00004
-75.66	-94.05	0.00004	-77.07	-92.63	0.00004
-78.49	-91.22	0.00004	-91.22	-78.49	0.00004
-92.63	-77.07	0.00004	-94.05	-75.66	0.00004
-95.46	-74.25	0.00004	-96.87	-72.83	0.00004
-98.99	-70.71	0.00004	-102.53	-67.18	0.00004
-106.07	-63.64	0.00004	-113.14	-56.57	0.00004
-120.21	-49.50	0.00004	-127.28	-42.43	0.00004
-134.35	-35.36	0.00004	-141.42	-28.28	0.00004
-148.49	-21.21	0.00004	-155.56	-14.14	0.00004
-21.21	-162.63	0.00006	-28.28	-155.56	0.00005
-35.36	-148.49	0.00005	-42.43	-141.42	0.00005
-49.50	-134.35	0.00005	-56.57	-127.28	0.00005
-63.64	-120.21	0.00005	-70.71	-113.14	0.00004
-74.25	-109.60	0.00004	-77.78	-106.07	0.00004
-79.90	-103.94	0.00004	-81.32	-102.53	0.00004
-82.73	-101.12	0.00004	-84.15	-99.70	0.00004
-85.56	-98.29	0.00004	-98.29	-85.56	0.00004
-99.70	-84.15	0.00004	-101.12	-82.73	0.00004
-102.53	-81.32	0.00004	-103.94	-79.90	0.00004
-106.07	-77.78	0.00004	-109.60	-74.25	0.00004
-113.14	-70.71	0.00004	-120.21	-63.64	0.00004
-127.28	-56.57	0.00004	-134.35	-49.50	0.00004
-141.42	-42.43	0.00004	-148.49	-35.36	0.00004
-155.56	-28.28	0.00004	-162.63	-21.21	0.00004
-28.28	-169.71	0.00005	-35.36	-162.63	0.00005
-42.43	-155.56	0.00005	-49.50	-148.49	0.00005
-56.57	-141.42	0.00005	-63.64	-134.35	0.00004
-70.71	-127.28	0.00004	-77.78	-120.21	0.00004
-81.32	-116.67	0.00004	-84.85	-113.14	0.00004
-86.97	-111.02	0.00004	-88.39	-109.60	0.00004
-89.80	-108.19	0.00004	-91.22	-106.77	0.00004
-92.63	-105.36	0.00004	-105.36	-92.63	0.00004

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-106.77	-91.22	0.00004	-108.19	-89.80	0.00004
-109.60	-88.39	0.00004	-111.02	-86.97	0.00004
-113.14	-84.85	0.00004	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00003
-162.63	-35.36	0.00003	-169.71	-28.28	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00005	-42.43	-169.71	0.00005
-49.50	-162.63	0.00005	-56.57	-155.56	0.00005
-63.64	-148.49	0.00004	-70.71	-141.42	0.00004
-77.78	-134.35	0.00004	-84.85	-127.28	0.00004
-88.39	-123.74	0.00004	-91.92	-120.21	0.00004
-94.05	-118.09	0.00004	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00003
-155.56	-56.57	0.00003	-162.63	-49.50	0.00003
-169.71	-42.43	0.00003	-176.78	-35.36	0.00003
-42.43	-183.85	0.00005	-49.50	-176.78	0.00005
-56.57	-169.71	0.00004	-63.64	-162.63	0.00004
-70.71	-155.56	0.00004	-77.78	-148.49	0.00004
-84.85	-141.42	0.00004	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00003
-101.12	-125.16	0.00003	-102.53	-123.74	0.00003
-103.94	-122.33	0.00003	-105.36	-120.92	0.00003
-106.77	-119.50	0.00003	-119.50	-106.77	0.00003
-120.92	-105.36	0.00003	-122.33	-103.94	0.00003
-123.74	-102.53	0.00003	-125.16	-101.12	0.00003
-127.28	-98.99	0.00003	-130.81	-95.46	0.00003
-134.35	-91.92	0.00003	-141.42	-84.85	0.00003

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-148.49	-77.78	0.00003	-155.56	-70.71	0.00003
-162.63	-63.64	0.00003	-169.71	-56.57	0.00003
-176.78	-49.50	0.00003	-183.85	-42.43	0.00003
-49.50	-190.92	0.00004	-56.57	-183.85	0.00004
-63.64	-176.78	0.00004	-70.71	-169.71	0.00004
-77.78	-162.63	0.00004	-84.85	-155.56	0.00004
-91.92	-148.49	0.00004	-98.99	-141.42	0.00003
-102.53	-137.89	0.00003	-106.07	-134.35	0.00003
-108.19	-132.23	0.00003	-109.60	-130.81	0.00003
-111.02	-129.40	0.00003	-112.43	-127.99	0.00003
-113.84	-126.57	0.00003	-126.57	-113.84	0.00003
-127.99	-112.43	0.00003	-129.40	-111.02	0.00003
-130.81	-109.60	0.00003	-132.23	-108.19	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00003	-137.89	-102.53	0.00003
-141.42	-98.99	0.00003	-148.49	-91.92	0.00003
-155.56	-84.85	0.00003	-162.63	-77.78	0.00003
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00004	-63.64	-190.92	0.00004
-70.71	-183.85	0.00004	-77.78	-176.78	0.00004
-84.85	-169.71	0.00004	-91.92	-162.63	0.00003
-98.99	-155.56	0.00003	-106.07	-148.49	0.00003
-109.60	-144.96	0.00003	-113.14	-141.42	0.00003
-115.26	-139.30	0.00003	-116.67	-137.89	0.00003
-118.09	-136.47	0.00003	-119.50	-135.06	0.00003
-120.92	-133.64	0.00003	-133.64	-120.92	0.00003
-135.06	-119.50	0.00003	-136.47	-118.09	0.00003
-137.89	-116.67	0.00003	-139.30	-115.26	0.00003
-141.42	-113.14	0.00003	-144.96	-109.60	0.00003
-148.49	-106.07	0.00003	-155.56	-98.99	0.00003
-162.63	-91.92	0.00003	-169.71	-84.85	0.00003
-176.78	-77.78	0.00003	-183.85	-70.71	0.00003
-190.92	-63.64	0.00003	-197.99	-56.57	0.00003
-63.64	-205.06	0.00004	-70.71	-197.99	0.00004

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-77.78	-190.92	0.00004	-84.85	-183.85	0.00004
-91.92	-176.78	0.00003	-98.99	-169.71	0.00003
-106.07	-162.63	0.00003	-113.14	-155.56	0.00003
-116.67	-152.03	0.00003	-120.21	-148.49	0.00003
-122.33	-146.37	0.00003	-123.74	-144.96	0.00003
-125.16	-143.54	0.00003	-126.57	-142.13	0.00003
-127.99	-140.71	0.00003	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00003
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00003
-70.71	-212.13	0.00004	-77.78	-205.06	0.00004
-84.85	-197.99	0.00004	-91.92	-190.92	0.00003
-98.99	-183.85	0.00003	-106.07	-176.78	0.00003
-113.14	-169.71	0.00003	-120.21	-162.63	0.00003
-123.74	-159.10	0.00003	-127.28	-155.56	0.00003

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00003	-212.13	-70.71	0.00002
-77.78	-219.20	0.00004	-84.85	-212.13	0.00003
-91.92	-205.06	0.00003	-98.99	-197.99	0.00003
-106.07	-190.92	0.00003	-113.14	-183.85	0.00003
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00002
-212.13	-84.85	0.00002	-219.20	-77.78	0.00002
-84.85	-226.27	0.00003	-91.92	-219.20	0.00003
-98.99	-212.13	0.00003	-106.07	-205.06	0.00003
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00002
-149.20	-161.93	0.00002	-161.93	-149.20	0.00002
-163.34	-147.79	0.00002	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00002	-212.13	-98.99	0.00002
-219.20	-91.92	0.00002	-226.27	-84.85	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S) :            NCRA\_S5 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00002
-144.96	-180.31	0.00002	-148.49	-176.78	0.00002
-150.61	-174.66	0.00002	-152.03	-173.24	0.00002
-153.44	-171.83	0.00002	-154.86	-170.41	0.00002
-156.27	-169.00	0.00002	-169.00	-156.27	0.00002
-170.41	-154.86	0.00002	-171.83	-153.44	0.00002

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-173.24	-152.03	0.00002	-174.66	-150.61	0.00002
-176.78	-148.49	0.00002	-180.31	-144.96	0.00002
-183.85	-141.42	0.00002	-190.92	-134.35	0.00002
-197.99	-127.28	0.00002	-205.06	-120.21	0.00002
-212.13	-113.14	0.00002	-219.20	-106.07	0.00002
-226.27	-98.99	0.00002	-233.35	-91.92	0.00002
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00002	-148.49	-190.92	0.00002
-152.03	-187.38	0.00002	-155.56	-183.85	0.00002
-157.68	-181.73	0.00002	-159.10	-180.31	0.00002
-160.51	-178.90	0.00002	-161.93	-177.48	0.00002
-163.34	-176.07	0.00002	-176.07	-163.34	0.00002
-177.48	-161.93	0.00002	-178.90	-160.51	0.00002
-180.31	-159.10	0.00002	-181.73	-157.68	0.00002
-183.85	-155.56	0.00002	-187.38	-152.03	0.00002
-190.92	-148.49	0.00002	-197.99	-141.42	0.00002
-205.06	-134.35	0.00002	-212.13	-127.28	0.00002
-219.20	-120.21	0.00002	-226.27	-113.14	0.00002
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-141.42	-212.13	0.00002
-148.49	-205.06	0.00002	-155.56	-197.99	0.00002
-159.10	-194.45	0.00002	-162.63	-190.92	0.00002
-164.76	-188.80	0.00002	-166.17	-187.38	0.00002
-167.58	-185.97	0.00002	-169.00	-184.55	0.00002
-170.41	-183.14	0.00002	-183.14	-170.41	0.00002
-184.55	-169.00	0.00002	-185.97	-167.58	0.00002
-187.38	-166.17	0.00002	-188.80	-164.76	0.00002

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00002	-194.45	-159.10	0.00002
-197.99	-155.56	0.00002	-205.06	-148.49	0.00002
-212.13	-141.42	0.00002	-219.20	-134.35	0.00002





15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

205.06	120.21	0.00257	197.99	127.28	0.00276
190.92	134.35	0.00291	183.85	141.42	0.00299
180.31	144.96	0.00295	176.78	148.49	0.00283
174.66	150.61	0.00269	173.24	152.03	0.00256
171.83	153.44	0.00240	170.41	154.86	0.00219
169.00	156.27	0.00195	156.27	169.00	0.00077
154.86	170.41	0.00076	153.44	171.83	0.00076
152.03	173.24	0.00076	150.61	174.66	0.00076

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00075	144.96	180.31	0.00074
141.42	183.85	0.00072	134.35	190.92	0.00066
127.28	197.99	0.00060	120.21	205.06	0.00055
113.14	212.13	0.00050	106.07	219.20	0.00045
99.00	226.27	0.00042	91.92	233.35	0.00038
226.27	84.85	0.00221	219.20	91.92	0.00241
212.13	98.99	0.00263	205.06	106.07	0.00290
197.99	113.14	0.00320	190.92	120.21	0.00355
183.85	127.28	0.00392	176.78	134.35	0.00429
173.24	137.89	0.00445	169.71	141.42	0.00455
167.58	143.54	0.00457	166.17	144.96	0.00457
164.76	146.37	0.00455	163.34	147.79	0.00454
161.93	149.20	0.00452	149.20	161.93	0.00137
147.79	163.34	0.00132	146.37	164.76	0.00127
144.96	166.17	0.00124	143.54	167.58	0.00120
141.42	169.71	0.00116	137.89	173.24	0.00109
134.35	176.78	0.00102	127.28	183.85	0.00089
120.21	190.92	0.00078	113.14	197.99	0.00069
106.07	205.06	0.00061	99.00	212.13	0.00055
91.92	219.20	0.00049	84.85	226.27	0.00045
219.20	77.78	0.00248	212.13	84.85	0.00272
205.06	91.92	0.00301	197.99	98.99	0.00334
190.92	106.07	0.00373	183.85	113.14	0.00418
176.78	120.21	0.00466	169.71	127.28	0.00512
166.17	130.81	0.00531	162.63	134.35	0.00541
160.51	136.47	0.00540	159.10	137.89	0.00536

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

157.68	139.30	0.00530	156.27	140.71	0.00522
154.86	142.13	0.00512	142.13	154.86	0.00166
140.71	156.27	0.00161	139.30	157.68	0.00158
137.89	159.10	0.00154	136.47	160.51	0.00151
134.35	162.63	0.00146	130.81	166.17	0.00136
127.28	169.71	0.00126	120.21	176.78	0.00108
113.14	183.85	0.00094	106.07	190.92	0.00081
99.00	197.99	0.00071	91.92	205.06	0.00063
84.85	212.13	0.00057	77.78	219.20	0.00051
212.13	70.71	0.00272	205.06	77.78	0.00300
197.99	84.85	0.00332	190.92	91.92	0.00370
183.85	98.99	0.00413	176.78	106.07	0.00462
169.71	113.14	0.00515	162.63	120.21	0.00561
159.10	123.74	0.00575	155.56	127.28	0.00579

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00575	152.03	130.81	0.00568
150.61	132.23	0.00558	149.20	133.64	0.00547
147.79	135.06	0.00535	135.06	147.79	0.00181
133.64	149.20	0.00177	132.23	150.61	0.00174
130.81	152.03	0.00171	129.40	153.44	0.00168
127.28	155.56	0.00163	123.74	159.10	0.00155
120.21	162.63	0.00145	113.14	169.71	0.00125
106.07	176.78	0.00107	98.99	183.85	0.00093
91.92	190.92	0.00081	84.85	197.99	0.00071
77.78	205.06	0.00063	70.71	212.13	0.00057
205.06	63.64	0.00292	197.99	70.71	0.00322
190.92	77.78	0.00357	183.85	84.85	0.00397
176.78	91.92	0.00443	169.71	98.99	0.00495
162.63	106.07	0.00547	155.56	113.14	0.00589
152.03	116.67	0.00600	148.49	120.21	0.00600
146.37	122.33	0.00594	144.96	123.74	0.00586
143.54	125.16	0.00576	142.13	126.57	0.00563
140.71	127.99	0.00551	127.99	140.71	0.00192
126.57	142.13	0.00188	125.16	143.54	0.00185
123.74	144.96	0.00182	122.33	146.37	0.00180

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

120.21	148.49	0.00175	116.67	152.03	0.00167
113.14	155.56	0.00157	106.07	162.63	0.00138
98.99	169.71	0.00119	91.92	176.78	0.00103
84.85	183.85	0.00089	77.78	190.92	0.00078
70.71	197.99	0.00069	63.64	205.06	0.00062
197.99	56.57	0.00309	190.92	63.64	0.00340
183.85	70.71	0.00376	176.78	77.78	0.00418
169.71	84.85	0.00466	162.63	91.92	0.00517
155.56	98.99	0.00567	148.49	106.07	0.00606
144.96	109.60	0.00616	141.42	113.14	0.00615
139.30	115.26	0.00607	137.89	116.67	0.00599
136.47	118.09	0.00588	135.06	119.50	0.00576
133.64	120.92	0.00562	120.92	133.64	0.00201
119.50	135.06	0.00197	118.09	136.47	0.00194
116.67	137.89	0.00191	115.26	139.30	0.00189
113.14	141.42	0.00184	109.60	144.96	0.00176
106.07	148.49	0.00166	98.99	155.56	0.00147
91.92	162.63	0.00128	84.85	169.71	0.00111
77.78	176.78	0.00097	70.71	183.85	0.00085
63.64	190.92	0.00075	56.57	197.99	0.00067

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00323	183.85	56.57	0.00355
176.78	63.64	0.00392	169.71	70.71	0.00435
162.63	77.78	0.00483	155.56	84.85	0.00533
148.49	91.92	0.00581	141.42	98.99	0.00619
137.89	102.53	0.00628	134.35	106.07	0.00626
132.23	108.19	0.00618	130.81	109.60	0.00609
129.40	111.02	0.00598	127.99	112.43	0.00585
126.57	113.84	0.00570	113.84	126.57	0.00208
112.43	127.99	0.00204	111.02	129.40	0.00201
109.60	130.81	0.00198	108.19	132.23	0.00196
106.07	134.35	0.00191	102.53	137.89	0.00183
98.99	141.42	0.00174	91.92	148.49	0.00154
84.85	155.56	0.00135	77.78	162.63	0.00118
70.71	169.71	0.00103	63.64	176.78	0.00091

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

56.57	183.85	0.00080	49.50	190.92	0.00072
183.85	42.43	0.00334	176.78	49.50	0.00367
169.71	56.57	0.00405	162.63	63.64	0.00448
155.56	70.71	0.00495	148.49	77.78	0.00544
141.42	84.85	0.00591	134.35	91.92	0.00628
130.81	95.46	0.00636	127.28	98.99	0.00634
125.16	101.12	0.00626	123.74	102.53	0.00617
122.33	103.94	0.00606	120.92	105.36	0.00592
119.50	106.77	0.00577	106.77	119.50	0.00214
105.36	120.92	0.00210	103.94	122.33	0.00207
102.53	123.74	0.00204	101.12	125.16	0.00201
98.99	127.28	0.00197	95.46	130.81	0.00189
91.92	134.35	0.00180	84.85	141.42	0.00159
77.78	148.49	0.00140	70.71	155.56	0.00123
63.64	162.63	0.00108	56.57	169.71	0.00096
49.50	176.78	0.00085	42.43	183.85	0.00076
176.78	35.36	0.00344	169.71	42.43	0.00377
162.63	49.50	0.00415	155.56	56.57	0.00457
148.49	63.64	0.00504	141.42	70.71	0.00552
134.35	77.78	0.00599	127.28	84.85	0.00635
123.74	88.39	0.00644	120.21	91.92	0.00641
118.09	94.05	0.00633	116.67	95.46	0.00624
115.26	96.87	0.00612	113.84	98.29	0.00598
112.43	99.70	0.00583	99.70	112.43	0.00220
98.29	113.84	0.00215	96.87	115.26	0.00211
95.46	116.67	0.00209	94.05	118.09	0.00206

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00202	88.39	123.74	0.00194
84.85	127.28	0.00184	77.78	134.35	0.00164
70.71	141.42	0.00144	63.64	148.49	0.00127
56.57	155.56	0.00112	49.50	162.63	0.00099
42.43	169.71	0.00089	35.36	176.78	0.00079
169.71	28.28	0.00352	162.63	35.36	0.00385
155.56	42.43	0.00423	148.49	49.50	0.00465
141.42	56.57	0.00510	134.35	63.64	0.00559

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

127.28	70.71	0.00605	120.21	77.78	0.00641
116.67	81.32	0.00650	113.14	84.85	0.00647
111.02	86.97	0.00639	109.60	88.39	0.00630
108.19	89.80	0.00618	106.77	91.22	0.00603
105.36	92.63	0.00587	92.63	105.36	0.00224
91.22	106.77	0.00219	89.80	108.19	0.00215
88.39	109.60	0.00213	86.97	111.02	0.00210
84.85	113.14	0.00206	81.32	116.67	0.00197
77.78	120.21	0.00188	70.71	127.28	0.00168
63.64	134.35	0.00148	56.57	141.42	0.00131
49.50	148.49	0.00115	42.43	155.56	0.00102
35.36	162.63	0.00092	28.28	169.71	0.00082
162.63	21.21	0.00358	155.56	28.28	0.00391
148.49	35.36	0.00429	141.42	42.43	0.00470
134.35	49.50	0.00516	127.28	56.57	0.00564
120.21	63.64	0.00610	113.14	70.71	0.00645
109.60	74.25	0.00654	106.07	77.78	0.00651
103.94	79.90	0.00642	102.53	81.32	0.00633
101.12	82.73	0.00621	99.70	84.15	0.00609
98.29	85.56	0.00594	85.56	98.29	0.00227
84.15	99.70	0.00222	82.73	101.12	0.00219
81.32	102.53	0.00216	79.90	103.94	0.00213
77.78	106.07	0.00209	74.25	109.60	0.00201
70.71	113.14	0.00191	63.64	120.21	0.00171
56.57	127.28	0.00151	49.50	134.35	0.00134
42.43	141.42	0.00118	35.36	148.49	0.00105
28.28	155.56	0.00094	21.21	162.63	0.00085
155.56	14.14	0.00364	148.49	21.21	0.00396
141.42	28.28	0.00433	134.35	35.36	0.00475
127.28	42.43	0.00520	120.21	49.50	0.00568
113.14	56.57	0.00614	106.07	63.64	0.00649
102.53	67.18	0.00658	98.99	70.71	0.00655

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00646	95.46	74.25	0.00636
94.05	75.66	0.00624	92.63	77.07	0.00611

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

91.22	78.49	0.00596	78.49	91.22	0.00230
77.07	92.63	0.00225	75.66	94.05	0.00222
74.25	95.46	0.00219	72.83	96.87	0.00216
70.71	98.99	0.00212	67.18	102.53	0.00203
63.64	106.07	0.00194	56.57	113.14	0.00174
49.50	120.21	0.00154	42.43	127.28	0.00136
35.36	134.35	0.00121	28.28	141.42	0.00108
21.21	148.49	0.00096	14.14	155.56	0.00087
148.49	7.07	0.00368	141.42	14.14	0.00401
134.35	21.21	0.00437	127.28	28.28	0.00479
120.21	35.36	0.00524	113.14	42.43	0.00572
106.07	49.50	0.00618	98.99	56.57	0.00653
95.46	60.10	0.00660	91.92	63.64	0.00658
89.80	65.76	0.00649	88.39	67.18	0.00640
86.97	68.59	0.00627	85.56	70.00	0.00613
84.15	71.42	0.00598	71.42	84.15	0.00232
70.00	85.56	0.00227	68.59	86.97	0.00224
67.18	88.39	0.00221	65.76	89.80	0.00218
63.64	91.92	0.00214	60.10	95.46	0.00206
56.57	98.99	0.00196	49.50	106.07	0.00176
42.43	113.14	0.00156	35.36	120.21	0.00139
28.28	127.28	0.00123	21.21	134.35	0.00110
14.14	141.42	0.00098	7.07	148.49	0.00089
141.42	0.00	0.00371	134.35	7.07	0.00404
127.28	14.14	0.00441	120.21	21.21	0.00482
113.14	28.28	0.00527	106.07	35.36	0.00575
98.99	42.43	0.00621	91.92	49.50	0.00656
88.39	53.03	0.00663	84.85	56.57	0.00660
82.73	58.69	0.00651	81.32	60.10	0.00642
79.90	61.52	0.00630	78.49	62.93	0.00615
77.07	64.35	0.00600	64.35	77.07	0.00234
62.93	78.49	0.00230	61.52	79.90	0.00226
60.10	81.32	0.00223	58.69	82.73	0.00221
56.57	84.85	0.00216	53.03	88.39	0.00208
49.50	91.92	0.00198	42.43	98.99	0.00178
35.36	106.07	0.00158	28.28	113.14	0.00140
21.21	120.21	0.00125	14.14	127.28	0.00111
7.07	134.35	0.00100	0.00	141.42	0.00090

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00374	127.28	0.00	0.00407
120.21	7.07	0.00443	113.14	14.14	0.00484
106.07	21.21	0.00530	98.99	28.28	0.00577
91.92	35.36	0.00623	84.85	42.43	0.00658
81.32	45.96	0.00666	77.78	49.50	0.00662
75.66	51.62	0.00653	74.25	53.03	0.00643
72.83	54.45	0.00631	71.42	55.86	0.00617
70.00	57.28	0.00602	57.28	70.00	0.00236
55.86	71.42	0.00231	54.45	72.83	0.00228
53.03	74.25	0.00225	51.62	75.66	0.00222
49.50	77.78	0.00218	45.96	81.32	0.00209
42.43	84.85	0.00200	35.36	91.92	0.00180
28.28	98.99	0.00160	21.21	106.07	0.00142
14.14	113.14	0.00127	7.07	120.21	0.00113
0.00	127.28	0.00102	-7.07	134.35	0.00092
127.28	-14.14	0.00377	120.21	-7.07	0.00409
113.14	0.00	0.00446	106.07	7.07	0.00487
98.99	14.14	0.00532	91.92	21.21	0.00579
84.85	28.28	0.00625	77.78	35.36	0.00660
74.25	38.89	0.00668	70.71	42.43	0.00664
68.59	44.55	0.00655	67.18	45.96	0.00645
65.76	47.38	0.00633	64.35	48.79	0.00618
62.93	50.20	0.00602	50.20	62.93	0.00238
48.79	64.35	0.00233	47.38	65.76	0.00230
45.96	67.18	0.00227	44.55	68.59	0.00224
42.43	70.71	0.00219	38.89	74.25	0.00211
35.36	77.78	0.00201	28.28	84.85	0.00181
21.21	91.92	0.00161	14.14	98.99	0.00144
7.07	106.07	0.00128	0.00	113.14	0.00115
-7.07	120.21	0.00103	-14.14	127.28	0.00093
120.21	-21.21	0.00379	113.14	-14.14	0.00411
106.07	-7.07	0.00448	98.99	0.00	0.00489
91.92	7.07	0.00534	84.85	14.14	0.00581
77.78	21.21	0.00627	70.71	28.28	0.00662
67.18	31.82	0.00669	63.64	35.36	0.00666
61.52	37.48	0.00656	60.10	38.89	0.00647
58.69	40.31	0.00634	57.28	41.72	0.00620
55.86	43.13	0.00604	43.13	55.86	0.00239
41.72	57.28	0.00234	40.31	58.69	0.00231
38.89	60.10	0.00228	37.48	61.52	0.00225

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00221	31.82	67.18	0.00212
28.28	70.71	0.00203	21.21	77.78	0.00182
14.14	84.85	0.00163	7.07	91.92	0.00145
0.00	98.99	0.00129	-7.07	106.07	0.00116
-14.14	113.14	0.00104	-21.21	120.21	0.00094
113.14	-28.28	0.00380	106.07	-21.21	0.00413
98.99	-14.14	0.00449	91.92	-7.07	0.00490
84.85	0.00	0.00535	77.78	7.07	0.00583
70.71	14.14	0.00629	63.64	21.21	0.00664
60.10	24.75	0.00671	56.57	28.28	0.00667
54.45	30.41	0.00658	53.03	31.82	0.00648
51.62	33.23	0.00636	50.20	34.65	0.00621
48.79	36.06	0.00605	36.06	48.79	0.00241
34.65	50.20	0.00236	33.23	51.62	0.00232
31.82	53.03	0.00229	30.41	54.45	0.00226
28.28	56.57	0.00222	24.75	60.10	0.00213
21.21	63.64	0.00204	14.14	70.71	0.00183
7.07	77.78	0.00164	0.00	84.85	0.00146
-7.07	91.92	0.00130	-14.14	98.99	0.00117
-21.21	106.07	0.00105	-28.28	113.14	0.00095
106.07	-35.36	0.00382	98.99	-28.28	0.00414
91.92	-21.21	0.00451	84.85	-14.14	0.00492
77.78	-7.07	0.00537	70.71	0.00	0.00584
63.64	7.07	0.00630	56.57	14.14	0.00665
53.03	17.68	0.00672	49.50	21.21	0.00669
47.38	23.33	0.00660	45.96	24.75	0.00650
44.55	26.16	0.00638	43.13	27.58	0.00623
41.72	28.99	0.00606	28.99	41.72	0.00242
27.58	43.13	0.00237	26.16	44.55	0.00233
24.75	45.96	0.00230	23.33	47.38	0.00228
21.21	49.50	0.00223	17.68	53.03	0.00214
14.14	56.57	0.00205	7.07	63.64	0.00184
0.00	70.71	0.00165	-7.07	77.78	0.00147
-14.14	84.85	0.00131	-21.21	91.92	0.00118



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-28.28	98.99	0.00106	-35.36	106.07	0.00096
98.99	-42.43	0.00383	91.92	-35.36	0.00416
84.85	-28.28	0.00452	77.78	-21.21	0.00493
70.71	-14.14	0.00538	63.64	-7.07	0.00586
56.57	0.00	0.00631	49.50	7.07	0.00666
45.96	10.61	0.00673	42.43	14.14	0.00669

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00660	38.89	17.68	0.00650
37.48	19.09	0.00638	36.06	20.51	0.00625
34.65	21.92	0.00610	21.92	34.65	0.00243
20.51	36.06	0.00238	19.09	37.48	0.00234
17.68	38.89	0.00231	16.26	40.31	0.00228
14.14	42.43	0.00224	10.61	45.96	0.00215
7.07	49.50	0.00205	0.00	56.57	0.00185
-7.07	63.64	0.00165	-14.14	70.71	0.00148
-21.21	77.78	0.00132	-28.28	84.85	0.00119
-35.36	91.92	0.00107	-42.43	98.99	0.00097
91.92	-49.50	0.00384	84.85	-42.43	0.00417
77.78	-35.36	0.00453	70.71	-28.28	0.00494
63.64	-21.21	0.00539	56.57	-14.14	0.00587
49.50	-7.07	0.00632	42.43	0.00	0.00666
38.89	3.54	0.00674	35.36	7.07	0.00670
33.23	9.19	0.00661	31.82	10.61	0.00651
30.41	12.02	0.00638	28.99	13.44	0.00625
27.58	14.85	0.00610	14.85	27.58	0.00243
13.44	28.99	0.00238	12.02	30.41	0.00235
10.61	31.82	0.00232	9.19	33.23	0.00229
7.07	35.36	0.00225	3.54	38.89	0.00216
0.00	42.43	0.00206	-7.07	49.50	0.00186
-14.14	56.57	0.00166	-21.21	63.64	0.00148
-28.28	70.71	0.00133	-35.36	77.78	0.00120
-42.43	84.85	0.00108	-49.50	91.92	0.00098
84.85	-56.57	0.00385	77.78	-49.50	0.00418
70.71	-42.43	0.00454	63.64	-35.36	0.00495
56.57	-28.28	0.00540	49.50	-21.21	0.00588

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

42.43	-14.14	0.00633	35.36	-7.07	0.00667
31.82	-3.54	0.00674	28.28	0.00	0.00671
26.16	2.12	0.00662	24.75	3.54	0.00652
23.33	4.95	0.00639	21.92	6.36	0.00624
20.51	7.78	0.00610	7.78	20.51	0.00243
6.36	21.92	0.00239	4.95	23.33	0.00235
3.54	24.75	0.00233	2.12	26.16	0.00230
0.00	28.28	0.00225	-3.54	31.82	0.00217
-7.07	35.36	0.00207	-14.14	42.43	0.00186
-21.21	49.50	0.00167	-28.28	56.57	0.00149
-35.36	63.64	0.00134	-42.43	70.71	0.00120
-49.50	77.78	0.00109	-56.57	84.85	0.00099

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00386	70.71	-56.57	0.00418
63.64	-49.50	0.00455	56.57	-42.43	0.00496
49.50	-35.36	0.00541	42.43	-28.28	0.00588
35.36	-21.21	0.00634	28.28	-14.14	0.00668
24.75	-10.61	0.00675	21.21	-7.07	0.00671
19.09	-4.95	0.00662	17.68	-3.54	0.00652
16.26	-2.12	0.00640	14.85	-0.71	0.00625
13.44	0.71	0.00610	0.71	13.44	0.00244
-0.71	14.85	0.00239	-2.12	16.26	0.00236
-3.54	17.68	0.00233	-4.95	19.09	0.00230
-7.07	21.21	0.00226	-10.61	24.75	0.00217
-14.14	28.28	0.00208	-21.21	35.36	0.00187
-28.28	42.43	0.00167	-35.36	49.50	0.00150
-42.43	56.57	0.00134	-49.50	63.64	0.00121
-56.57	70.71	0.00109	-63.64	77.78	0.00099
70.71	-70.71	0.00386	63.64	-63.64	0.00419
56.57	-56.57	0.00455	49.50	-49.50	0.00496
42.43	-42.43	0.00541	35.36	-35.36	0.00589
28.28	-28.28	0.00635	21.21	-21.21	0.00669
17.68	-17.68	0.00676	14.14	-14.14	0.00672
12.02	-12.02	0.00662	10.61	-10.61	0.00652
9.19	-9.19	0.00640	7.78	-7.78	0.00625

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

6.36	-6.36	0.00610	-6.36	6.36	0.00244
-7.78	7.78	0.00240	-9.19	9.19	0.00237
-10.61	10.61	0.00234	-12.02	12.02	0.00231
-14.14	14.14	0.00226	-17.68	17.68	0.00218
-21.21	21.21	0.00208	-28.28	28.28	0.00187
-35.36	35.36	0.00168	-42.43	42.43	0.00150
-49.50	49.50	0.00135	-56.57	56.57	0.00121
-63.64	63.64	0.00110	-70.71	70.71	0.00100
63.64	-77.78	0.00387	56.57	-70.71	0.00419
49.50	-63.64	0.00456	42.43	-56.57	0.00497
35.36	-49.50	0.00542	28.28	-42.43	0.00589
21.21	-35.36	0.00635	14.14	-28.28	0.00669
10.61	-24.75	0.00676	7.07	-21.21	0.00672
4.95	-19.09	0.00662	3.54	-17.68	0.00653
2.12	-16.26	0.00640	0.71	-14.85	0.00626
-0.71	-13.44	0.00609	-13.44	-0.71	0.00245
-14.85	0.71	0.00240	-16.26	2.12	0.00237
-17.68	3.54	0.00234	-19.09	4.95	0.00231

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00227	-24.75	10.61	0.00218
-28.28	14.14	0.00208	-35.36	21.21	0.00188
-42.43	28.28	0.00168	-49.50	35.36	0.00150
-56.57	42.43	0.00135	-63.64	49.50	0.00122
-70.71	56.57	0.00110	-77.78	63.64	0.00100
56.57	-84.85	0.00387	49.50	-77.78	0.00420
42.43	-70.71	0.00456	35.36	-63.64	0.00497
28.28	-56.57	0.00542	21.21	-49.50	0.00590
14.14	-42.43	0.00635	7.07	-35.36	0.00669
3.54	-31.82	0.00676	0.00	-28.28	0.00672
-2.12	-26.16	0.00663	-3.54	-24.75	0.00653
-4.95	-23.33	0.00640	-6.36	-21.92	0.00626
-7.78	-20.51	0.00610	-20.51	-7.78	0.00245
-21.92	-6.36	0.00240	-23.33	-4.95	0.00237
-24.75	-3.54	0.00234	-26.16	-2.12	0.00231
-28.28	0.00	0.00227	-31.82	3.54	0.00218

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-35.36	7.07	0.00209	-42.43	14.14	0.00188
-49.50	21.21	0.00168	-56.57	28.28	0.00151
-63.64	35.36	0.00135	-70.71	42.43	0.00122
-77.78	49.50	0.00110	-84.85	56.57	0.00100
49.50	-91.92	0.00387	42.43	-84.85	0.00420
35.36	-77.78	0.00457	28.28	-70.71	0.00498
21.21	-63.64	0.00542	14.14	-56.57	0.00590
7.07	-49.50	0.00635	0.00	-42.43	0.00669
-3.54	-38.89	0.00677	-7.07	-35.36	0.00673
-9.19	-33.23	0.00663	-10.61	-31.82	0.00653
-12.02	-30.41	0.00641	-13.44	-28.99	0.00626
-14.85	-27.58	0.00610	-27.58	-14.85	0.00246
-28.99	-13.44	0.00241	-30.41	-12.02	0.00237
-31.82	-10.61	0.00234	-33.23	-9.19	0.00232
-35.36	-7.07	0.00227	-38.89	-3.54	0.00218
-42.43	0.00	0.00209	-49.50	7.07	0.00188
-56.57	14.14	0.00169	-63.64	21.21	0.00151
-70.71	28.28	0.00135	-77.78	35.36	0.00122
-84.85	42.43	0.00111	-91.92	49.50	0.00101
42.43	-98.99	0.00387	35.36	-91.92	0.00420
28.28	-84.85	0.00457	21.21	-77.78	0.00498
14.14	-70.71	0.00543	7.07	-63.64	0.00590
0.00	-56.57	0.00635	-7.07	-49.50	0.00669
-10.61	-45.96	0.00677	-14.14	-42.43	0.00673

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00664	-17.68	-38.89	0.00654
-19.09	-37.48	0.00642	-20.51	-36.06	0.00627
-21.92	-34.65	0.00610	-34.65	-21.92	0.00246
-36.06	-20.51	0.00241	-37.48	-19.09	0.00237
-38.89	-17.68	0.00234	-40.31	-16.26	0.00232
-42.43	-14.14	0.00227	-45.96	-10.61	0.00219
-49.50	-7.07	0.00209	-56.57	0.00	0.00188
-63.64	7.07	0.00169	-70.71	14.14	0.00151
-77.78	21.21	0.00136	-84.85	28.28	0.00122
-91.92	35.36	0.00111	-98.99	42.43	0.00101

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

35.36	-106.07	0.00387	28.28	-98.99	0.00420
21.21	-91.92	0.00456	14.14	-84.85	0.00498
7.07	-77.78	0.00543	0.00	-70.71	0.00590
-7.07	-63.64	0.00635	-14.14	-56.57	0.00669
-17.68	-53.03	0.00677	-21.21	-49.50	0.00673
-23.33	-47.38	0.00663	-24.75	-45.96	0.00653
-26.16	-44.55	0.00641	-27.58	-43.13	0.00628
-28.99	-41.72	0.00613	-41.72	-28.99	0.00246
-43.13	-27.58	0.00241	-44.55	-26.16	0.00237
-45.96	-24.75	0.00234	-47.38	-23.33	0.00232
-49.50	-21.21	0.00227	-53.03	-17.68	0.00219
-56.57	-14.14	0.00209	-63.64	-7.07	0.00188
-70.71	0.00	0.00169	-77.78	7.07	0.00151
-84.85	14.14	0.00136	-91.92	21.21	0.00122
-98.99	28.28	0.00111	-106.07	35.36	0.00101
28.28	-113.14	0.00386	21.21	-106.07	0.00419
14.14	-98.99	0.00456	7.07	-91.92	0.00497
0.00	-84.85	0.00542	-7.07	-77.78	0.00590
-14.14	-70.71	0.00635	-21.21	-63.64	0.00669
-24.75	-60.10	0.00676	-28.28	-56.57	0.00673
-30.41	-54.45	0.00663	-31.82	-53.03	0.00653
-33.23	-51.62	0.00640	-34.65	-50.20	0.00627
-36.06	-48.79	0.00612	-48.79	-36.06	0.00245
-50.20	-34.65	0.00241	-51.62	-33.23	0.00237
-53.03	-31.82	0.00234	-54.45	-30.41	0.00232
-56.57	-28.28	0.00227	-60.10	-24.75	0.00219
-63.64	-21.21	0.00209	-70.71	-14.14	0.00189
-77.78	-7.07	0.00169	-84.85	0.00	0.00151
-91.92	7.07	0.00136	-98.99	14.14	0.00122
-106.07	21.21	0.00111	-113.14	28.28	0.00101

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00385	14.14	-113.14	0.00418
7.07	-106.07	0.00455	0.00	-98.99	0.00497
-7.07	-91.92	0.00542	-14.14	-84.85	0.00589
-21.21	-77.78	0.00635	-28.28	-70.71	0.00669

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-31.82	-67.18	0.00675	-35.36	-63.64	0.00672
-37.48	-61.52	0.00663	-38.89	-60.10	0.00653
-40.31	-58.69	0.00640	-41.72	-57.28	0.00626
-43.13	-55.86	0.00611	-55.86	-43.13	0.00245
-57.28	-41.72	0.00240	-58.69	-40.31	0.00237
-60.10	-38.89	0.00234	-61.52	-37.48	0.00231
-63.64	-35.36	0.00227	-67.18	-31.82	0.00218
-70.71	-28.28	0.00209	-77.78	-21.21	0.00188
-84.85	-14.14	0.00169	-91.92	-7.07	0.00151
-98.99	0.00	0.00136	-106.07	7.07	0.00122
-113.14	14.14	0.00111	-120.21	21.21	0.00101
14.14	-127.28	0.00384	7.07	-120.21	0.00417
0.00	-113.14	0.00455	-7.07	-106.07	0.00496
-14.14	-98.99	0.00541	-21.21	-91.92	0.00589
-28.28	-84.85	0.00634	-35.36	-77.78	0.00668
-38.89	-74.25	0.00675	-42.43	-70.71	0.00671
-44.55	-68.59	0.00662	-45.96	-67.18	0.00652
-47.38	-65.76	0.00640	-48.79	-64.35	0.00625
-50.20	-62.93	0.00610	-62.93	-50.20	0.00244
-64.35	-48.79	0.00240	-65.76	-47.38	0.00237
-67.18	-45.96	0.00234	-68.59	-44.55	0.00231
-70.71	-42.43	0.00226	-74.25	-38.89	0.00218
-77.78	-35.36	0.00209	-84.85	-28.28	0.00188
-91.92	-21.21	0.00169	-98.99	-14.14	0.00151
-106.07	-7.07	0.00135	-113.14	0.00	0.00122
-120.21	7.07	0.00111	-127.28	14.14	0.00101
7.07	-134.35	0.00383	0.00	-127.28	0.00416
-7.07	-120.21	0.00453	-14.14	-113.14	0.00495
-21.21	-106.07	0.00540	-28.28	-98.99	0.00588
-35.36	-91.92	0.00634	-42.43	-84.85	0.00668
-45.96	-81.32	0.00675	-49.50	-77.78	0.00671
-51.62	-75.66	0.00661	-53.03	-74.25	0.00651
-54.45	-72.83	0.00639	-55.86	-71.42	0.00625
-57.28	-70.00	0.00609	-70.00	-57.28	0.00244
-71.42	-55.86	0.00239	-72.83	-54.45	0.00236
-74.25	-53.03	0.00233	-75.66	-51.62	0.00230

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 136  
 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00226	-81.32	-45.96	0.00218
-84.85	-42.43	0.00208	-91.92	-35.36	0.00188
-98.99	-28.28	0.00168	-106.07	-21.21	0.00151
-113.14	-14.14	0.00135	-120.21	-7.07	0.00122
-127.28	0.00	0.00111	-134.35	7.07	0.00101
0.00	-141.42	0.00380	-7.07	-134.35	0.00414
-14.14	-127.28	0.00452	-21.21	-120.21	0.00494
-28.28	-113.14	0.00539	-35.36	-106.07	0.00587
-42.43	-98.99	0.00633	-49.50	-91.92	0.00667
-53.03	-88.39	0.00674	-56.57	-84.85	0.00670
-58.69	-82.73	0.00660	-60.10	-81.32	0.00651
-61.52	-79.90	0.00638	-62.93	-78.49	0.00624
-64.35	-77.07	0.00608	-77.07	-64.35	0.00243
-78.49	-62.93	0.00239	-79.90	-61.52	0.00236
-81.32	-60.10	0.00233	-82.73	-58.69	0.00230
-84.85	-56.57	0.00225	-88.39	-53.03	0.00217
-91.92	-49.50	0.00208	-98.99	-42.43	0.00188
-106.07	-35.36	0.00168	-113.14	-28.28	0.00150
-120.21	-21.21	0.00135	-127.28	-14.14	0.00122
-134.35	-7.07	0.00110	-141.42	0.00	0.00100
-7.07	-148.49	0.00378	-14.14	-141.42	0.00411
-21.21	-134.35	0.00449	-28.28	-127.28	0.00492
-35.36	-120.21	0.00538	-42.43	-113.14	0.00586
-49.50	-106.07	0.00631	-56.57	-98.99	0.00666
-60.10	-95.46	0.00673	-63.64	-91.92	0.00669
-65.76	-89.80	0.00659	-67.18	-88.39	0.00650
-68.59	-86.97	0.00637	-70.00	-85.56	0.00623
-71.42	-84.15	0.00607	-84.15	-71.42	0.00243
-85.56	-70.00	0.00238	-86.97	-68.59	0.00235
-88.39	-67.18	0.00232	-89.80	-65.76	0.00229
-91.92	-63.64	0.00225	-95.46	-60.10	0.00216
-98.99	-56.57	0.00207	-106.07	-49.50	0.00187
-113.14	-42.43	0.00168	-120.21	-35.36	0.00150
-127.28	-28.28	0.00134	-134.35	-21.21	0.00121
-141.42	-14.14	0.00110	-148.49	-7.07	0.00100
-14.14	-155.56	0.00374	-21.21	-148.49	0.00408
-28.28	-141.42	0.00446	-35.36	-134.35	0.00489
-42.43	-127.28	0.00535	-49.50	-120.21	0.00584
-56.57	-113.14	0.00630	-63.64	-106.07	0.00664
-67.18	-102.53	0.00672	-70.71	-98.99	0.00668

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43  
 \*\*MODELOPTS:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00658	-74.25	-95.46	0.00648
-75.66	-94.05	0.00636	-77.07	-92.63	0.00621
-78.49	-91.22	0.00605	-91.22	-78.49	0.00242
-92.63	-77.07	0.00237	-94.05	-75.66	0.00234
-95.46	-74.25	0.00231	-96.87	-72.83	0.00228
-98.99	-70.71	0.00224	-102.53	-67.18	0.00216
-106.07	-63.64	0.00206	-113.14	-56.57	0.00186
-120.21	-49.50	0.00167	-127.28	-42.43	0.00149
-134.35	-35.36	0.00134	-141.42	-28.28	0.00121
-148.49	-21.21	0.00109	-155.56	-14.14	0.00100
-21.21	-162.63	0.00369	-28.28	-155.56	0.00404
-35.36	-148.49	0.00442	-42.43	-141.42	0.00485
-49.50	-134.35	0.00532	-56.57	-127.28	0.00581
-63.64	-120.21	0.00627	-70.71	-113.14	0.00662
-74.25	-109.60	0.00670	-77.78	-106.07	0.00666
-79.90	-103.94	0.00657	-81.32	-102.53	0.00648
-82.73	-101.12	0.00636	-84.15	-99.70	0.00621
-85.56	-98.29	0.00604	-98.29	-85.56	0.00241
-99.70	-84.15	0.00236	-101.12	-82.73	0.00232
-102.53	-81.32	0.00230	-103.94	-79.90	0.00227
-106.07	-77.78	0.00223	-109.60	-74.25	0.00215
-113.14	-70.71	0.00205	-120.21	-63.64	0.00186
-127.28	-56.57	0.00166	-134.35	-49.50	0.00149
-141.42	-42.43	0.00133	-148.49	-35.36	0.00120
-155.56	-28.28	0.00109	-162.63	-21.21	0.00099
-28.28	-169.71	0.00363	-35.36	-162.63	0.00398
-42.43	-155.56	0.00437	-49.50	-148.49	0.00480
-56.57	-141.42	0.00528	-63.64	-134.35	0.00577
-70.71	-127.28	0.00625	-77.78	-120.21	0.00660
-81.32	-116.67	0.00668	-84.85	-113.14	0.00664
-86.97	-111.02	0.00654	-88.39	-109.60	0.00644
-89.80	-108.19	0.00633	-91.22	-106.77	0.00620
-92.63	-105.36	0.00605	-105.36	-92.63	0.00239
-106.77	-91.22	0.00234	-108.19	-89.80	0.00231
-109.60	-88.39	0.00228	-111.02	-86.97	0.00226
-113.14	-84.85	0.00221	-116.67	-81.32	0.00213



15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-120.21	-77.78	0.00204	-127.28	-70.71	0.00184
-134.35	-63.64	0.00165	-141.42	-56.57	0.00148
-148.49	-49.50	0.00132	-155.56	-42.43	0.00119
-162.63	-35.36	0.00108	-169.71	-28.28	0.00098

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00355	-42.43	-169.71	0.00390
-49.50	-162.63	0.00430	-56.57	-155.56	0.00474
-63.64	-148.49	0.00522	-70.71	-141.42	0.00572
-77.78	-134.35	0.00621	-84.85	-127.28	0.00656
-88.39	-123.74	0.00664	-91.92	-120.21	0.00661
-94.05	-118.09	0.00652	-95.46	-116.67	0.00642
-96.87	-115.26	0.00630	-98.29	-113.84	0.00616
-99.70	-112.43	0.00602	-112.43	-99.70	0.00236
-113.84	-98.29	0.00232	-115.26	-96.87	0.00229
-116.67	-95.46	0.00226	-118.09	-94.05	0.00224
-120.21	-91.92	0.00220	-123.74	-88.39	0.00212
-127.28	-84.85	0.00203	-134.35	-77.78	0.00183
-141.42	-70.71	0.00164	-148.49	-63.64	0.00146
-155.56	-56.57	0.00131	-162.63	-49.50	0.00118
-169.71	-42.43	0.00107	-176.78	-35.36	0.00097
-42.43	-183.85	0.00345	-49.50	-176.78	0.00380
-56.57	-169.71	0.00419	-63.64	-162.63	0.00464
-70.71	-155.56	0.00513	-77.78	-148.49	0.00565
-84.85	-141.42	0.00615	-91.92	-134.35	0.00652
-95.46	-130.81	0.00660	-98.99	-127.28	0.00657
-101.12	-125.16	0.00648	-102.53	-123.74	0.00639
-103.94	-122.33	0.00627	-105.36	-120.92	0.00612
-106.77	-119.50	0.00598	-119.50	-106.77	0.00234
-120.92	-105.36	0.00229	-122.33	-103.94	0.00226
-123.74	-102.53	0.00224	-125.16	-101.12	0.00222
-127.28	-98.99	0.00218	-130.81	-95.46	0.00210
-134.35	-91.92	0.00201	-141.42	-84.85	0.00181
-148.49	-77.78	0.00162	-155.56	-70.71	0.00145
-162.63	-63.64	0.00130	-169.71	-56.57	0.00117
-176.78	-49.50	0.00105	-183.85	-42.43	0.00095

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-49.50	-190.92	0.00331	-56.57	-183.85	0.00366
-63.64	-176.78	0.00405	-70.71	-169.71	0.00451
-77.78	-162.63	0.00501	-84.85	-155.56	0.00554
-91.92	-148.49	0.00605	-98.99	-141.42	0.00645
-102.53	-137.89	0.00654	-106.07	-134.35	0.00651
-108.19	-132.23	0.00643	-109.60	-130.81	0.00634
-111.02	-129.40	0.00622	-112.43	-127.99	0.00608
-113.84	-126.57	0.00593	-126.57	-113.84	0.00230
-127.99	-112.43	0.00226	-129.40	-111.02	0.00224
-130.81	-109.60	0.00221	-132.23	-108.19	0.00219

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00215	-137.89	-102.53	0.00207
-141.42	-98.99	0.00198	-148.49	-91.92	0.00179
-155.56	-84.85	0.00160	-162.63	-77.78	0.00143
-169.71	-70.71	0.00128	-176.78	-63.64	0.00114
-183.85	-56.57	0.00103	-190.92	-49.50	0.00093
-56.57	-197.99	0.00315	-63.64	-190.92	0.00348
-70.71	-183.85	0.00386	-77.78	-176.78	0.00431
-84.85	-169.71	0.00482	-91.92	-162.63	0.00537
-98.99	-155.56	0.00590	-106.07	-148.49	0.00633
-109.60	-144.96	0.00645	-113.14	-141.42	0.00644
-115.26	-139.30	0.00635	-116.67	-137.89	0.00627
-118.09	-136.47	0.00615	-119.50	-135.06	0.00602
-120.92	-133.64	0.00587	-133.64	-120.92	0.00226
-135.06	-119.50	0.00222	-136.47	-118.09	0.00220
-137.89	-116.67	0.00217	-139.30	-115.26	0.00215
-141.42	-113.14	0.00212	-144.96	-109.60	0.00204
-148.49	-106.07	0.00195	-155.56	-98.99	0.00176
-162.63	-91.92	0.00157	-169.71	-84.85	0.00140
-176.78	-77.78	0.00125	-183.85	-70.71	0.00112
-190.92	-63.64	0.00100	-197.99	-56.57	0.00091
-63.64	-205.06	0.00295	-70.71	-197.99	0.00326
-77.78	-190.92	0.00362	-84.85	-183.85	0.00405
-91.92	-176.78	0.00454	-98.99	-169.71	0.00509
-106.07	-162.63	0.00566	-113.14	-155.56	0.00614

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-116.67	-152.03	0.00628	-120.21	-148.49	0.00630
-122.33	-146.37	0.00624	-123.74	-144.96	0.00616
-125.16	-143.54	0.00605	-126.57	-142.13	0.00592
-127.99	-140.71	0.00577	-140.71	-127.99	0.00221
-142.13	-126.57	0.00217	-143.54	-125.16	0.00215
-144.96	-123.74	0.00213	-146.37	-122.33	0.00210
-148.49	-120.21	0.00207	-152.03	-116.67	0.00200
-155.56	-113.14	0.00191	-162.63	-106.07	0.00172
-169.71	-98.99	0.00153	-176.78	-91.92	0.00136
-183.85	-84.85	0.00121	-190.92	-77.78	0.00108
-197.99	-70.71	0.00097	-205.06	-63.64	0.00087
-70.71	-212.13	0.00271	-77.78	-205.06	0.00299
-84.85	-197.99	0.00332	-91.92	-190.92	0.00370
-98.99	-183.85	0.00415	-106.07	-176.78	0.00467
-113.14	-169.71	0.00523	-120.21	-162.63	0.00576
-123.74	-159.10	0.00595	-127.28	-155.56	0.00603

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

15:03:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00601	-130.81	-152.03	0.00596
-132.23	-150.61	0.00587	-133.64	-149.20	0.00576
-135.06	-147.79	0.00563	-147.79	-135.06	0.00213
-149.20	-133.64	0.00210	-150.61	-132.23	0.00208
-152.03	-130.81	0.00206	-153.44	-129.40	0.00204
-155.56	-127.28	0.00201	-159.10	-123.74	0.00193
-162.63	-120.21	0.00185	-169.71	-113.14	0.00165
-176.78	-106.07	0.00146	-183.85	-98.99	0.00129
-190.92	-91.92	0.00115	-197.99	-84.85	0.00102
-205.06	-77.78	0.00092	-212.13	-70.71	0.00083
-77.78	-219.20	0.00243	-84.85	-212.13	0.00267
-91.92	-205.06	0.00294	-98.99	-197.99	0.00327
-106.07	-190.92	0.00364	-113.14	-183.85	0.00407
-120.21	-176.78	0.00455	-127.28	-169.71	0.00504
-130.81	-166.17	0.00526	-134.35	-162.63	0.00542
-136.47	-160.51	0.00547	-137.89	-159.10	0.00547
-139.30	-157.68	0.00545	-140.71	-156.27	0.00540
-142.13	-154.86	0.00533	-154.86	-142.13	0.00203

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-156.27	-140.71	0.00200	-157.68	-139.30	0.00197
-159.10	-137.89	0.00196	-160.51	-136.47	0.00193
-162.63	-134.35	0.00190	-166.17	-130.81	0.00182
-169.71	-127.28	0.00173	-176.78	-120.21	0.00153
-183.85	-113.14	0.00135	-190.92	-106.07	0.00120
-197.99	-98.99	0.00107	-205.06	-91.92	0.00096
-212.13	-84.85	0.00086	-219.20	-77.78	0.00079
-84.85	-226.27	0.00213	-91.92	-219.20	0.00231
-98.99	-212.13	0.00252	-106.07	-205.06	0.00275
-113.14	-197.99	0.00301	-120.21	-190.92	0.00330
-127.28	-183.85	0.00358	-134.35	-176.78	0.00385
-137.89	-173.24	0.00395	-141.42	-169.71	0.00404
-143.54	-167.58	0.00408	-144.96	-166.17	0.00411
-146.37	-164.76	0.00415	-147.79	-163.34	0.00420
-149.20	-161.93	0.00428	-161.93	-149.20	0.00182
-163.34	-147.79	0.00177	-164.76	-146.37	0.00174
-166.17	-144.96	0.00171	-167.58	-143.54	0.00169
-169.71	-141.42	0.00165	-173.24	-137.89	0.00157
-176.78	-134.35	0.00150	-183.85	-127.28	0.00135
-190.92	-120.21	0.00121	-197.99	-113.14	0.00108
-205.06	-106.07	0.00097	-212.13	-98.99	0.00088
-219.20	-91.92	0.00080	-226.27	-84.85	0.00073

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 15:03:43      \*\*\* Maximum train overlap at NE/SW Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00184	-98.99	-226.27	0.00197
-106.07	-219.20	0.00210	-113.14	-212.13	0.00224
-120.21	-205.06	0.00239	-127.28	-197.99	0.00251
-134.35	-190.92	0.00258	-141.42	-183.85	0.00254
-144.96	-180.31	0.00246	-148.49	-176.78	0.00231
-150.61	-174.66	0.00219	-152.03	-173.24	0.00210
-153.44	-171.83	0.00199	-154.86	-170.41	0.00187
-156.27	-169.00	0.00174	-169.00	-156.27	0.00121
-170.41	-154.86	0.00122	-171.83	-153.44	0.00123
-173.24	-152.03	0.00124	-174.66	-150.61	0.00124
-176.78	-148.49	0.00124	-180.31	-144.96	0.00123
-183.85	-141.42	0.00120	-190.92	-134.35	0.00112

15NCRA\_PL97-300\_DPM\_TRAV\_ANN\_NE-SW Bound

-197.99	-127.28	0.00103	-205.06	-120.21	0.00094
-212.13	-113.14	0.00086	-219.20	-106.07	0.00079
-226.27	-98.99	0.00072	-233.35	-91.92	0.00067
-98.99	-240.42	0.00157	-106.07	-233.35	0.00165
-113.14	-226.27	0.00173	-120.21	-219.20	0.00180
-127.28	-212.13	0.00186	-134.35	-205.06	0.00188
-141.42	-197.99	0.00184	-148.49	-190.92	0.00171
-152.03	-187.38	0.00160	-155.56	-183.85	0.00146
-157.68	-181.73	0.00137	-159.10	-180.31	0.00130
-160.51	-178.90	0.00124	-161.93	-177.48	0.00119
-163.34	-176.07	0.00113	-176.07	-163.34	0.00092
-177.48	-161.93	0.00093	-178.90	-160.51	0.00093
-180.31	-159.10	0.00093	-181.73	-157.68	0.00094
-183.85	-155.56	0.00094	-187.38	-152.03	0.00095
-190.92	-148.49	0.00095	-197.99	-141.42	0.00093
-205.06	-134.35	0.00088	-212.13	-127.28	0.00082
-219.20	-120.21	0.00076	-226.27	-113.14	0.00070
-233.35	-106.07	0.00065	-240.42	-98.99	0.00061
-106.07	-247.49	0.00133	-113.14	-240.42	0.00138
-120.21	-233.35	0.00142	-127.28	-226.27	0.00145
-134.35	-219.20	0.00146	-141.42	-212.13	0.00143
-148.49	-205.06	0.00136	-155.56	-197.99	0.00123
-159.10	-194.45	0.00115	-162.63	-190.92	0.00107
-164.76	-188.80	0.00102	-166.17	-187.38	0.00099
-167.58	-185.97	0.00096	-169.00	-184.55	0.00093
-170.41	-183.14	0.00090	-183.14	-170.41	0.00077
-184.55	-169.00	0.00077	-185.97	-167.58	0.00077
-187.38	-166.17	0.00077	-188.80	-164.76	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00077	-194.45	-159.10	0.00077
-197.99	-155.56	0.00077	-205.06	-148.49	0.00076
-212.13	-141.42	0.00074	-219.20	-134.35	0.00070
-226.27	-127.28	0.00067	-233.35	-120.21	0.00063
-240.42	-113.14	0.00059	-247.49	-106.07	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00574 AT ( -113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00572 AT ( -109.60, -144.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00571 AT ( -120.21, -148.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00568 AT ( -115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00568 AT ( -106.07, -134.35, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00567 AT ( -122.33, -146.37, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00567 AT ( -116.67, -152.03, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00566 AT ( -102.53, -137.89, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00562 AT ( -108.19, -132.23, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00561 AT ( -116.67, -137.89, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00574 AT ( -49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00572 AT ( -45.96, -81.32, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00571 AT ( -56.57, -84.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00568 AT ( -51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00568 AT ( -42.43, -70.71, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00567 AT ( -58.69, -82.73, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00567 AT ( -53.03, -88.39, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00566 AT ( -38.89, -74.25, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00562 AT ( -44.55, -68.59, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00561 AT ( -53.03, -74.25, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00574 AT ( 14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00572 AT ( 17.68, -17.68, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00571 AT ( 7.07, -21.21, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00568 AT ( 12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00568 AT ( 21.21, -7.07, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00567 AT ( 4.95, -19.09, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00567 AT ( 10.61, -24.75, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00566 AT ( 24.75, -10.61, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00562 AT ( 19.09, -4.95, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00561 AT ( 10.61, -10.61, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction

\*\*\*

15:03:43

\*\*MODELOPTs:  
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00574 AT ( 77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00572 AT ( 81.32, 45.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00571 AT ( 70.71, 42.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00568 AT ( 75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00568 AT ( 84.85, 56.57, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00567 AT ( 68.59, 44.55, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00567 AT ( 74.25, 38.89, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00566 AT ( 88.39, 53.03, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00562 AT ( 82.73, 58.69, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00561 AT ( 74.25, 53.03, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00574 AT ( 141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00572 AT ( 144.96, 109.60, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00571 AT ( 134.35, 106.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00568 AT ( 139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00568 AT ( 148.49, 120.21, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00567 AT ( 132.23, 108.19, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00567 AT ( 137.89, 102.53, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00566 AT ( 152.03, 116.67, 0.00, 1.20)	DC	NA

15NCRA_PL97-300_DPM_TRAV_ANN_NE-SW Bound									
	9TH HIGHEST VALUE IS	0.00562	AT (	146.37,	122.33,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00561	AT (	137.89,	116.67,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00677	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00677	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00676	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00676	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00676	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00676	AT (	17.68,	-17.68,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00675	AT (	-31.82,	-67.18,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00675	AT (	-38.89,	-74.25,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00675	AT (	24.75,	-10.61,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at NE/SW Bound Direction \*\*\*

15:03:43

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 5 Informational Message(s)  
 A Total of 5 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 15:09:04

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at SE/NW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED



RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-98.99	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-98.99	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	99.0	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2



RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
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RE DISCCART	-75.66	94.05	1.2
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RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
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RE DISCCART	-65.76	89.8	1.2
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RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART -89.8 65.76 1.2  
RE DISCCART -91.92 63.64 1.2  
RE DISCCART -95.46 60.1 1.2  
RE DISCCART -98.99 56.57 1.2  
RE DISCCART -106.07 49.5 1.2  
RE DISCCART -113.14 42.43 1.2  
RE DISCCART -120.21 35.36 1.2  
RE DISCCART -127.28 28.28 1.2  
RE DISCCART -134.35 21.21 1.2  
RE DISCCART -141.42 14.14 1.2  
RE DISCCART -148.49 7.07 1.2  
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RE DISCCART -98.99 42.43 1.2  
RE DISCCART -106.07 35.36 1.2  
RE DISCCART -113.14 28.28 1.2  
RE DISCCART -120.21 21.21 1.2  
RE DISCCART -127.28 14.14 1.2  
RE DISCCART -134.35 7.07 1.2  
RE DISCCART -141.42 0.0 1.2  
RE DISCCART 7.07 134.35 1.2  
RE DISCCART 0.0 127.28 1.2  
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
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RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
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RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2

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RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
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RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-24.75	60.1	1.2
RE DISCCART	-28.28	56.57	1.2
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RE DISCCART	-34.65	50.2	1.2
RE DISCCART	-36.06	48.79	1.2
RE DISCCART	-48.79	36.06	1.2
RE DISCCART	-50.2	34.65	1.2
RE DISCCART	-51.62	33.23	1.2
RE DISCCART	-53.03	31.82	1.2
RE DISCCART	-54.45	30.41	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
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RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-3.54	38.89	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-9.19	33.23	1.2
RE DISCCART	-10.61	31.82	1.2
RE DISCCART	-12.02	30.41	1.2
RE DISCCART	-13.44	28.99	1.2
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RE DISCCART	-27.58	14.85	1.2
RE DISCCART	-28.99	13.44	1.2
RE DISCCART	-30.41	12.02	1.2
RE DISCCART	-31.82	10.61	1.2
RE DISCCART	-33.23	9.19	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-38.89	3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-2.12	26.16	1.2
RE DISCCART	-3.54	24.75	1.2
RE DISCCART	-4.95	23.33	1.2



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RE DISCCART	-20.51	7.78	1.2
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RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2  
RE DISCCART 0.0 -70.71 1.2  
RE DISCCART -7.07 -77.78 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -91.92 1.2  
RE DISCCART -28.28 -98.99 1.2  
RE DISCCART -35.36 -106.07 1.2  
RE DISCCART 113.14 28.28 1.2  
RE DISCCART 106.07 21.21 1.2  
RE DISCCART 98.99 14.14 1.2  
RE DISCCART 91.92 7.07 1.2  
RE DISCCART 84.85 0.0 1.2  
RE DISCCART 77.78 -7.07 1.2  
RE DISCCART 70.71 -14.14 1.2  
RE DISCCART 63.64 -21.21 1.2  
RE DISCCART 60.1 -24.75 1.2  
RE DISCCART 56.57 -28.28 1.2  
RE DISCCART 54.45 -30.41 1.2  
RE DISCCART 53.03 -31.82 1.2  
RE DISCCART 51.62 -33.23 1.2  
RE DISCCART 50.2 -34.65 1.2  
RE DISCCART 48.79 -36.06 1.2  
RE DISCCART 36.06 -48.79 1.2  
RE DISCCART 34.65 -50.2 1.2  
RE DISCCART 33.23 -51.62 1.2  
RE DISCCART 31.82 -53.03 1.2  
RE DISCCART 30.41 -54.45 1.2  
RE DISCCART 28.28 -56.57 1.2  
RE DISCCART 24.75 -60.1 1.2  
RE DISCCART 21.21 -63.64 1.2  
RE DISCCART 14.14 -70.71 1.2  
RE DISCCART 7.07 -77.78 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -98.99 1.2  
RE DISCCART -21.21 -106.07 1.2  
RE DISCCART -28.28 -113.14 1.2  
RE DISCCART 120.21 21.21 1.2  
RE DISCCART 113.14 14.14 1.2  
RE DISCCART 106.07 7.07 1.2  
RE DISCCART 98.99 0.0 1.2  
RE DISCCART 91.92 -7.07 1.2  
RE DISCCART 84.85 -14.14 1.2  
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2



RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
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RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
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RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
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RE DISCCART	42.43	-155.56	1.2
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RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
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RE DISCCART	113.84	-126.57	1.2
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RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
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RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2



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RE DISCCART	141.42	-169.71	1.2
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RE DISCCART	113.14	-197.99	1.2
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RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
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\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

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\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\16NCRA-1.DAT



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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( -159.1,	194.4,	0.0,	1.2);	( -162.6,	190.9,	0.0,	1.2);
( -164.8,	188.8,	0.0,	1.2);	( -166.2,	187.4,	0.0,	1.2);
( -167.6,	186.0,	0.0,	1.2);	( -169.0,	184.6,	0.0,	1.2);
( -170.4,	183.1,	0.0,	1.2);	( -183.1,	170.4,	0.0,	1.2);
( -184.6,	169.0,	0.0,	1.2);	( -186.0,	167.6,	0.0,	1.2);
( -187.4,	166.2,	0.0,	1.2);	( -188.8,	164.8,	0.0,	1.2);
( -190.9,	162.6,	0.0,	1.2);	( -194.4,	159.1,	0.0,	1.2);
( -198.0,	155.6,	0.0,	1.2);	( -205.1,	148.5,	0.0,	1.2);
( -212.1,	141.4,	0.0,	1.2);	( -219.2,	134.4,	0.0,	1.2);
( -226.3,	127.3,	0.0,	1.2);	( -233.4,	120.2,	0.0,	1.2);
( -240.4,	113.1,	0.0,	1.2);	( -247.5,	106.1,	0.0,	1.2);
( -99.0,	240.4,	0.0,	1.2);	( -106.1,	233.4,	0.0,	1.2);
( -113.1,	226.3,	0.0,	1.2);	( -120.2,	219.2,	0.0,	1.2);
( -127.3,	212.1,	0.0,	1.2);	( -134.4,	205.1,	0.0,	1.2);
( -141.4,	198.0,	0.0,	1.2);	( -148.5,	190.9,	0.0,	1.2);
( -152.0,	187.4,	0.0,	1.2);	( -155.6,	183.9,	0.0,	1.2);
( -157.7,	181.7,	0.0,	1.2);	( -159.1,	180.3,	0.0,	1.2);
( -160.5,	178.9,	0.0,	1.2);	( -161.9,	177.5,	0.0,	1.2);
( -163.3,	176.1,	0.0,	1.2);	( -176.1,	163.3,	0.0,	1.2);
( -177.5,	161.9,	0.0,	1.2);	( -178.9,	160.5,	0.0,	1.2);
( -180.3,	159.1,	0.0,	1.2);	( -181.7,	157.7,	0.0,	1.2);
( -183.9,	155.6,	0.0,	1.2);	( -187.4,	152.0,	0.0,	1.2);
( -190.9,	148.5,	0.0,	1.2);	( -198.0,	141.4,	0.0,	1.2);
( -205.1,	134.4,	0.0,	1.2);	( -212.1,	127.3,	0.0,	1.2);
( -219.2,	120.2,	0.0,	1.2);	( -226.3,	113.1,	0.0,	1.2);
( -233.4,	106.1,	0.0,	1.2);	( -240.4,	99.0,	0.0,	1.2);
( -91.9,	233.4,	0.0,	1.2);	( -99.0,	226.3,	0.0,	1.2);
( -106.1,	219.2,	0.0,	1.2);	( -113.1,	212.1,	0.0,	1.2);
( -120.2,	205.1,	0.0,	1.2);	( -127.3,	198.0,	0.0,	1.2);
( -134.4,	190.9,	0.0,	1.2);	( -141.4,	183.9,	0.0,	1.2);
( -145.0,	180.3,	0.0,	1.2);	( -148.5,	176.8,	0.0,	1.2);
( -150.6,	174.7,	0.0,	1.2);	( -152.0,	173.2,	0.0,	1.2);
( -153.4,	171.8,	0.0,	1.2);	( -154.9,	170.4,	0.0,	1.2);
( -156.3,	169.0,	0.0,	1.2);	( -169.0,	156.3,	0.0,	1.2);
( -170.4,	154.9,	0.0,	1.2);	( -171.8,	153.4,	0.0,	1.2);
( -173.2,	152.0,	0.0,	1.2);	( -174.7,	150.6,	0.0,	1.2);
( -176.8,	148.5,	0.0,	1.2);	( -180.3,	145.0,	0.0,	1.2);
( -183.9,	141.4,	0.0,	1.2);	( -190.9,	134.4,	0.0,	1.2);
( -198.0,	127.3,	0.0,	1.2);	( -205.1,	120.2,	0.0,	1.2);
( -212.1,	113.1,	0.0,	1.2);	( -219.2,	106.1,	0.0,	1.2);
( -226.3,	99.0,	0.0,	1.2);	( -233.4,	91.9,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -84.8, 226.3, 0.0, 1.2);	( -91.9, 219.2, 0.0, 1.2);
( -99.0, 212.1, 0.0, 1.2);	( -106.1, 205.1, 0.0, 1.2);
( -113.1, 198.0, 0.0, 1.2);	( -120.2, 190.9, 0.0, 1.2);
( -127.3, 183.9, 0.0, 1.2);	( -134.4, 176.8, 0.0, 1.2);
( -137.9, 173.2, 0.0, 1.2);	( -141.4, 169.7, 0.0, 1.2);
( -143.5, 167.6, 0.0, 1.2);	( -145.0, 166.2, 0.0, 1.2);
( -146.4, 164.8, 0.0, 1.2);	( -147.8, 163.3, 0.0, 1.2);
( -149.2, 161.9, 0.0, 1.2);	( -161.9, 149.2, 0.0, 1.2);
( -163.3, 147.8, 0.0, 1.2);	( -164.8, 146.4, 0.0, 1.2);
( -166.2, 145.0, 0.0, 1.2);	( -167.6, 143.5, 0.0, 1.2);
( -169.7, 141.4, 0.0, 1.2);	( -173.2, 137.9, 0.0, 1.2);
( -176.8, 134.4, 0.0, 1.2);	( -183.9, 127.3, 0.0, 1.2);
( -190.9, 120.2, 0.0, 1.2);	( -198.0, 113.1, 0.0, 1.2);
( -205.1, 106.1, 0.0, 1.2);	( -212.1, 99.0, 0.0, 1.2);
( -219.2, 91.9, 0.0, 1.2);	( -226.3, 84.8, 0.0, 1.2);
( -77.8, 219.2, 0.0, 1.2);	( -84.8, 212.1, 0.0, 1.2);
( -91.9, 205.1, 0.0, 1.2);	( -99.0, 198.0, 0.0, 1.2);
( -106.1, 190.9, 0.0, 1.2);	( -113.1, 183.9, 0.0, 1.2);
( -120.2, 176.8, 0.0, 1.2);	( -127.3, 169.7, 0.0, 1.2);
( -130.8, 166.2, 0.0, 1.2);	( -134.4, 162.6, 0.0, 1.2);
( -136.5, 160.5, 0.0, 1.2);	( -137.9, 159.1, 0.0, 1.2);
( -139.3, 157.7, 0.0, 1.2);	( -140.7, 156.3, 0.0, 1.2);
( -142.1, 154.9, 0.0, 1.2);	( -154.9, 142.1, 0.0, 1.2);
( -156.3, 140.7, 0.0, 1.2);	( -157.7, 139.3, 0.0, 1.2);
( -159.1, 137.9, 0.0, 1.2);	( -160.5, 136.5, 0.0, 1.2);
( -162.6, 134.4, 0.0, 1.2);	( -166.2, 130.8, 0.0, 1.2);
( -169.7, 127.3, 0.0, 1.2);	( -176.8, 120.2, 0.0, 1.2);
( -183.9, 113.1, 0.0, 1.2);	( -190.9, 106.1, 0.0, 1.2);
( -198.0, 99.0, 0.0, 1.2);	( -205.1, 91.9, 0.0, 1.2);
( -212.1, 84.8, 0.0, 1.2);	( -219.2, 77.8, 0.0, 1.2);
( -70.7, 212.1, 0.0, 1.2);	( -77.8, 205.1, 0.0, 1.2);
( -84.8, 198.0, 0.0, 1.2);	( -91.9, 190.9, 0.0, 1.2);
( -99.0, 183.9, 0.0, 1.2);	( -106.1, 176.8, 0.0, 1.2);
( -113.1, 169.7, 0.0, 1.2);	( -120.2, 162.6, 0.0, 1.2);
( -123.7, 159.1, 0.0, 1.2);	( -127.3, 155.6, 0.0, 1.2);
( -129.4, 153.4, 0.0, 1.2);	( -130.8, 152.0, 0.0, 1.2);
( -132.2, 150.6, 0.0, 1.2);	( -133.6, 149.2, 0.0, 1.2);
( -135.1, 147.8, 0.0, 1.2);	( -147.8, 135.1, 0.0, 1.2);
( -149.2, 133.6, 0.0, 1.2);	( -150.6, 132.2, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -152.0,	130.8,	0.0,	1.2);	( -153.4,	129.4,	0.0,	1.2);
( -155.6,	127.3,	0.0,	1.2);	( -159.1,	123.7,	0.0,	1.2);
( -162.6,	120.2,	0.0,	1.2);	( -169.7,	113.1,	0.0,	1.2);
( -176.8,	106.1,	0.0,	1.2);	( -183.9,	99.0,	0.0,	1.2);
( -190.9,	91.9,	0.0,	1.2);	( -198.0,	84.8,	0.0,	1.2);
( -205.1,	77.8,	0.0,	1.2);	( -212.1,	70.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -63.6,	205.1,	0.0,	1.2);	( -70.7,	198.0,	0.0,	1.2);
( -77.8,	190.9,	0.0,	1.2);	( -84.8,	183.9,	0.0,	1.2);
( -91.9,	176.8,	0.0,	1.2);	( -99.0,	169.7,	0.0,	1.2);
( -106.1,	162.6,	0.0,	1.2);	( -113.1,	155.6,	0.0,	1.2);
( -116.7,	152.0,	0.0,	1.2);	( -120.2,	148.5,	0.0,	1.2);
( -122.3,	146.4,	0.0,	1.2);	( -123.7,	145.0,	0.0,	1.2);
( -125.2,	143.5,	0.0,	1.2);	( -126.6,	142.1,	0.0,	1.2);
( -128.0,	140.7,	0.0,	1.2);	( -140.7,	128.0,	0.0,	1.2);
( -142.1,	126.6,	0.0,	1.2);	( -143.5,	125.2,	0.0,	1.2);
( -145.0,	123.7,	0.0,	1.2);	( -146.4,	122.3,	0.0,	1.2);
( -148.5,	120.2,	0.0,	1.2);	( -152.0,	116.7,	0.0,	1.2);
( -155.6,	113.1,	0.0,	1.2);	( -162.6,	106.1,	0.0,	1.2);
( -169.7,	99.0,	0.0,	1.2);	( -176.8,	91.9,	0.0,	1.2);
( -183.9,	84.8,	0.0,	1.2);	( -190.9,	77.8,	0.0,	1.2);
( -198.0,	70.7,	0.0,	1.2);	( -205.1,	63.6,	0.0,	1.2);
( -56.6,	198.0,	0.0,	1.2);	( -63.6,	190.9,	0.0,	1.2);
( -70.7,	183.9,	0.0,	1.2);	( -77.8,	176.8,	0.0,	1.2);
( -84.8,	169.7,	0.0,	1.2);	( -91.9,	162.6,	0.0,	1.2);
( -99.0,	155.6,	0.0,	1.2);	( -106.1,	148.5,	0.0,	1.2);
( -109.6,	145.0,	0.0,	1.2);	( -113.1,	141.4,	0.0,	1.2);
( -115.3,	139.3,	0.0,	1.2);	( -116.7,	137.9,	0.0,	1.2);
( -118.1,	136.5,	0.0,	1.2);	( -119.5,	135.1,	0.0,	1.2);
( -120.9,	133.6,	0.0,	1.2);	( -133.6,	120.9,	0.0,	1.2);
( -135.1,	119.5,	0.0,	1.2);	( -136.5,	118.1,	0.0,	1.2);
( -137.9,	116.7,	0.0,	1.2);	( -139.3,	115.3,	0.0,	1.2);
( -141.4,	113.1,	0.0,	1.2);	( -145.0,	109.6,	0.0,	1.2);
( -148.5,	106.1,	0.0,	1.2);	( -155.6,	99.0,	0.0,	1.2);
( -162.6,	91.9,	0.0,	1.2);	( -169.7,	84.8,	0.0,	1.2);
( -176.8,	77.8,	0.0,	1.2);	( -183.9,	70.7,	0.0,	1.2);
( -190.9,	63.6,	0.0,	1.2);	( -198.0,	56.6,	0.0,	1.2);
( -49.5,	190.9,	0.0,	1.2);	( -56.6,	183.9,	0.0,	1.2);



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -63.6,	176.8,	0.0,	1.2);	( -70.7,	169.7,	0.0,	1.2);
( -77.8,	162.6,	0.0,	1.2);	( -84.8,	155.6,	0.0,	1.2);
( -91.9,	148.5,	0.0,	1.2);	( -99.0,	141.4,	0.0,	1.2);
( -102.5,	137.9,	0.0,	1.2);	( -106.1,	134.4,	0.0,	1.2);
( -108.2,	132.2,	0.0,	1.2);	( -109.6,	130.8,	0.0,	1.2);
( -111.0,	129.4,	0.0,	1.2);	( -112.4,	128.0,	0.0,	1.2);
( -113.8,	126.6,	0.0,	1.2);	( -126.6,	113.8,	0.0,	1.2);
( -128.0,	112.4,	0.0,	1.2);	( -129.4,	111.0,	0.0,	1.2);
( -130.8,	109.6,	0.0,	1.2);	( -132.2,	108.2,	0.0,	1.2);
( -134.4,	106.1,	0.0,	1.2);	( -137.9,	102.5,	0.0,	1.2);
( -141.4,	99.0,	0.0,	1.2);	( -148.5,	91.9,	0.0,	1.2);
( -155.6,	84.8,	0.0,	1.2);	( -162.6,	77.8,	0.0,	1.2);
( -169.7,	70.7,	0.0,	1.2);	( -176.8,	63.6,	0.0,	1.2);
( -183.9,	56.6,	0.0,	1.2);	( -190.9,	49.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -42.4,	183.9,	0.0,	1.2);	( -49.5,	176.8,	0.0,	1.2);
( -56.6,	169.7,	0.0,	1.2);	( -63.6,	162.6,	0.0,	1.2);
( -70.7,	155.6,	0.0,	1.2);	( -77.8,	148.5,	0.0,	1.2);
( -84.8,	141.4,	0.0,	1.2);	( -91.9,	134.4,	0.0,	1.2);
( -95.5,	130.8,	0.0,	1.2);	( -99.0,	127.3,	0.0,	1.2);
( -101.1,	125.2,	0.0,	1.2);	( -102.5,	123.7,	0.0,	1.2);
( -103.9,	122.3,	0.0,	1.2);	( -105.4,	120.9,	0.0,	1.2);
( -106.8,	119.5,	0.0,	1.2);	( -119.5,	106.8,	0.0,	1.2);
( -120.9,	105.4,	0.0,	1.2);	( -122.3,	103.9,	0.0,	1.2);
( -123.7,	102.5,	0.0,	1.2);	( -125.2,	101.1,	0.0,	1.2);
( -127.3,	99.0,	0.0,	1.2);	( -130.8,	95.5,	0.0,	1.2);
( -134.4,	91.9,	0.0,	1.2);	( -141.4,	84.8,	0.0,	1.2);
( -148.5,	77.8,	0.0,	1.2);	( -155.6,	70.7,	0.0,	1.2);
( -162.6,	63.6,	0.0,	1.2);	( -169.7,	56.6,	0.0,	1.2);
( -176.8,	49.5,	0.0,	1.2);	( -183.9,	42.4,	0.0,	1.2);
( -35.4,	176.8,	0.0,	1.2);	( -42.4,	169.7,	0.0,	1.2);
( -49.5,	162.6,	0.0,	1.2);	( -56.6,	155.6,	0.0,	1.2);
( -63.6,	148.5,	0.0,	1.2);	( -70.7,	141.4,	0.0,	1.2);
( -77.8,	134.4,	0.0,	1.2);	( -84.8,	127.3,	0.0,	1.2);
( -88.4,	123.7,	0.0,	1.2);	( -91.9,	120.2,	0.0,	1.2);
( -94.1,	118.1,	0.0,	1.2);	( -95.5,	116.7,	0.0,	1.2);
( -96.9,	115.3,	0.0,	1.2);	( -98.3,	113.8,	0.0,	1.2);
( -99.7,	112.4,	0.0,	1.2);	( -112.4,	99.7,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -113.8,	98.3,	0.0,	1.2);	( -115.3,	96.9,	0.0,	1.2);
( -116.7,	95.5,	0.0,	1.2);	( -118.1,	94.1,	0.0,	1.2);
( -120.2,	91.9,	0.0,	1.2);	( -123.7,	88.4,	0.0,	1.2);
( -127.3,	84.8,	0.0,	1.2);	( -134.4,	77.8,	0.0,	1.2);
( -141.4,	70.7,	0.0,	1.2);	( -148.5,	63.6,	0.0,	1.2);
( -155.6,	56.6,	0.0,	1.2);	( -162.6,	49.5,	0.0,	1.2);
( -169.7,	42.4,	0.0,	1.2);	( -176.8,	35.4,	0.0,	1.2);
( -28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,	0.0,	1.2);
( -42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,	0.0,	1.2);
( -56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,	0.0,	1.2);
( -70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,	0.0,	1.2);
( -81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,	0.0,	1.2);
( -87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,	0.0,	1.2);
( -89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,	0.0,	1.2);
( -92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,	0.0,	1.2);
( -106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,	0.0,	1.2);
( -109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,	0.0,	1.2);
( -113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,	0.0,	1.2);
( -120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,	0.0,	1.2);
( -134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,	0.0,	1.2);
( -148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,	0.0,	1.2);
( -162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,	0.0,	1.2);
( -35.4,	148.5,	0.0,	1.2);	( -42.4,	141.4,	0.0,	1.2);
( -49.5,	134.4,	0.0,	1.2);	( -56.6,	127.3,	0.0,	1.2);
( -63.6,	120.2,	0.0,	1.2);	( -70.7,	113.1,	0.0,	1.2);
( -74.2,	109.6,	0.0,	1.2);	( -77.8,	106.1,	0.0,	1.2);
( -79.9,	103.9,	0.0,	1.2);	( -81.3,	102.5,	0.0,	1.2);
( -82.7,	101.1,	0.0,	1.2);	( -84.2,	99.7,	0.0,	1.2);
( -85.6,	98.3,	0.0,	1.2);	( -98.3,	85.6,	0.0,	1.2);
( -99.7,	84.2,	0.0,	1.2);	( -101.1,	82.7,	0.0,	1.2);
( -102.5,	81.3,	0.0,	1.2);	( -103.9,	79.9,	0.0,	1.2);
( -106.1,	77.8,	0.0,	1.2);	( -109.6,	74.2,	0.0,	1.2);
( -113.1,	70.7,	0.0,	1.2);	( -120.2,	63.6,	0.0,	1.2);
( -127.3,	56.6,	0.0,	1.2);	( -134.4,	49.5,	0.0,	1.2);
( -141.4,	42.4,	0.0,	1.2);	( -148.5,	35.4,	0.0,	1.2);
( -155.6,	28.3,	0.0,	1.2);	( -162.6,	21.2,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -14.1,	155.6,	0.0,	1.2);	( -21.2,	148.5,	0.0,	1.2);
( -28.3,	141.4,	0.0,	1.2);	( -35.4,	134.4,	0.0,	1.2);
( -42.4,	127.3,	0.0,	1.2);	( -49.5,	120.2,	0.0,	1.2);
( -56.6,	113.1,	0.0,	1.2);	( -63.6,	106.1,	0.0,	1.2);
( -67.2,	102.5,	0.0,	1.2);	( -70.7,	99.0,	0.0,	1.2);
( -72.8,	96.9,	0.0,	1.2);	( -74.2,	95.5,	0.0,	1.2);
( -75.7,	94.1,	0.0,	1.2);	( -77.1,	92.6,	0.0,	1.2);
( -78.5,	91.2,	0.0,	1.2);	( -91.2,	78.5,	0.0,	1.2);
( -92.6,	77.1,	0.0,	1.2);	( -94.1,	75.7,	0.0,	1.2);
( -95.5,	74.2,	0.0,	1.2);	( -96.9,	72.8,	0.0,	1.2);
( -99.0,	70.7,	0.0,	1.2);	( -102.5,	67.2,	0.0,	1.2);
( -106.1,	63.6,	0.0,	1.2);	( -113.1,	56.6,	0.0,	1.2);
( -120.2,	49.5,	0.0,	1.2);	( -127.3,	42.4,	0.0,	1.2);
( -134.4,	35.4,	0.0,	1.2);	( -141.4,	28.3,	0.0,	1.2);
( -148.5,	21.2,	0.0,	1.2);	( -155.6,	14.1,	0.0,	1.2);
( -7.1,	148.5,	0.0,	1.2);	( -14.1,	141.4,	0.0,	1.2);
( -21.2,	134.4,	0.0,	1.2);	( -28.3,	127.3,	0.0,	1.2);
( -35.4,	120.2,	0.0,	1.2);	( -42.4,	113.1,	0.0,	1.2);
( -49.5,	106.1,	0.0,	1.2);	( -56.6,	99.0,	0.0,	1.2);
( -60.1,	95.5,	0.0,	1.2);	( -63.6,	91.9,	0.0,	1.2);
( -65.8,	89.8,	0.0,	1.2);	( -67.2,	88.4,	0.0,	1.2);
( -68.6,	87.0,	0.0,	1.2);	( -70.0,	85.6,	0.0,	1.2);
( -71.4,	84.2,	0.0,	1.2);	( -84.2,	71.4,	0.0,	1.2);
( -85.6,	70.0,	0.0,	1.2);	( -87.0,	68.6,	0.0,	1.2);
( -88.4,	67.2,	0.0,	1.2);	( -89.8,	65.8,	0.0,	1.2);
( -91.9,	63.6,	0.0,	1.2);	( -95.5,	60.1,	0.0,	1.2);
( -99.0,	56.6,	0.0,	1.2);	( -106.1,	49.5,	0.0,	1.2);
( -113.1,	42.4,	0.0,	1.2);	( -120.2,	35.4,	0.0,	1.2);
( -127.3,	28.3,	0.0,	1.2);	( -134.4,	21.2,	0.0,	1.2);
( -141.4,	14.1,	0.0,	1.2);	( -148.5,	7.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -64.3,	77.1,	0.0,	1.2);	( -77.1,	64.3,	0.0,	1.2);
( -78.5,	62.9,	0.0,	1.2);	( -79.9,	61.5,	0.0,	1.2);
( -81.3,	60.1,	0.0,	1.2);	( -82.7,	58.7,	0.0,	1.2);
( -84.8,	56.6,	0.0,	1.2);	( -88.4,	53.0,	0.0,	1.2);
( -91.9,	49.5,	0.0,	1.2);	( -99.0,	42.4,	0.0,	1.2);
( -106.1,	35.4,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( -120.2,	21.2,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( -134.4,	7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	127.3,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	113.1,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	99.0,	0.0,	1.2);
( -35.4,	91.9,	0.0,	1.2);	( -42.4,	84.8,	0.0,	1.2);
( -46.0,	81.3,	0.0,	1.2);	( -49.5,	77.8,	0.0,	1.2);
( -51.6,	75.7,	0.0,	1.2);	( -53.0,	74.2,	0.0,	1.2);
( -54.5,	72.8,	0.0,	1.2);	( -55.9,	71.4,	0.0,	1.2);
( -57.3,	70.0,	0.0,	1.2);	( -70.0,	57.3,	0.0,	1.2);
( -71.4,	55.9,	0.0,	1.2);	( -72.8,	54.5,	0.0,	1.2);
( -74.2,	53.0,	0.0,	1.2);	( -75.7,	51.6,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -81.3,	46.0,	0.0,	1.2);
( -84.8,	42.4,	0.0,	1.2);	( -91.9,	35.4,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	21.2,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	-7.1,	0.0,	1.2);
( 14.1,	127.3,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	113.1,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	99.0,	0.0,	1.2);	( -21.2,	91.9,	0.0,	1.2);
( -28.3,	84.8,	0.0,	1.2);	( -35.4,	77.8,	0.0,	1.2);
( -38.9,	74.2,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -44.5,	68.6,	0.0,	1.2);	( -46.0,	67.2,	0.0,	1.2);
( -47.4,	65.8,	0.0,	1.2);	( -48.8,	64.3,	0.0,	1.2);
( -50.2,	62.9,	0.0,	1.2);	( -62.9,	50.2,	0.0,	1.2);
( -64.3,	48.8,	0.0,	1.2);	( -65.8,	47.4,	0.0,	1.2);
( -67.2,	46.0,	0.0,	1.2);	( -68.6,	44.5,	0.0,	1.2);
( -70.7,	42.4,	0.0,	1.2);	( -74.2,	38.9,	0.0,	1.2);
( -77.8,	35.4,	0.0,	1.2);	( -84.8,	28.3,	0.0,	1.2);
( -91.9,	21.2,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	-7.1,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

16NCRA\_PL91-300\_DPM\_TRAV\_ANN SE-NW Bound  
(METERS)

( 21.2, 120.2, 0.0, 1.2);	( 14.1, 113.1, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 99.0, 0.0, 1.2);
( -7.1, 91.9, 0.0, 1.2);	( -14.1, 84.8, 0.0, 1.2);
( -21.2, 77.8, 0.0, 1.2);	( -28.3, 70.7, 0.0, 1.2);
( -31.8, 67.2, 0.0, 1.2);	( -35.4, 63.6, 0.0, 1.2);
( -37.5, 61.5, 0.0, 1.2);	( -38.9, 60.1, 0.0, 1.2);
( -40.3, 58.7, 0.0, 1.2);	( -41.7, 57.3, 0.0, 1.2);
( -43.1, 55.9, 0.0, 1.2);	( -55.9, 43.1, 0.0, 1.2);
( -57.3, 41.7, 0.0, 1.2);	( -58.7, 40.3, 0.0, 1.2);
( -60.1, 38.9, 0.0, 1.2);	( -61.5, 37.5, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -67.2, 31.8, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 21.2, 0.0, 1.2);
( -84.8, 14.1, 0.0, 1.2);	( -91.9, 7.1, 0.0, 1.2);
( -99.0, 0.0, 0.0, 1.2);	( -106.1, -7.1, 0.0, 1.2);
( -113.1, -14.1, 0.0, 1.2);	( -120.2, -21.2, 0.0, 1.2);
( 28.3, 113.1, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 99.0, 0.0, 1.2);	( 7.1, 91.9, 0.0, 1.2);
( 0.0, 84.8, 0.0, 1.2);	( -7.1, 77.8, 0.0, 1.2);
( -14.1, 70.7, 0.0, 1.2);	( -21.2, 63.6, 0.0, 1.2);
( -24.8, 60.1, 0.0, 1.2);	( -28.3, 56.6, 0.0, 1.2);
( -30.4, 54.5, 0.0, 1.2);	( -31.8, 53.0, 0.0, 1.2);
( -33.2, 51.6, 0.0, 1.2);	( -34.7, 50.2, 0.0, 1.2);
( -36.1, 48.8, 0.0, 1.2);	( -48.8, 36.1, 0.0, 1.2);
( -50.2, 34.7, 0.0, 1.2);	( -51.6, 33.2, 0.0, 1.2);
( -53.0, 31.8, 0.0, 1.2);	( -54.5, 30.4, 0.0, 1.2);
( -56.6, 28.3, 0.0, 1.2);	( -60.1, 24.8, 0.0, 1.2);
( -63.6, 21.2, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 7.1, 0.0, 1.2);	( -84.8, 0.0, 0.0, 1.2);
( -91.9, -7.1, 0.0, 1.2);	( -99.0, -14.1, 0.0, 1.2);
( -106.1, -21.2, 0.0, 1.2);	( -113.1, -28.3, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 99.0, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 84.8, 0.0, 1.2);
( 7.1, 77.8, 0.0, 1.2);	( 0.0, 70.7, 0.0, 1.2);
( -7.1, 63.6, 0.0, 1.2);	( -14.1, 56.6, 0.0, 1.2);
( -17.7, 53.0, 0.0, 1.2);	( -21.2, 49.5, 0.0, 1.2);
( -23.3, 47.4, 0.0, 1.2);	( -24.8, 46.0, 0.0, 1.2);
( -26.2, 44.5, 0.0, 1.2);	( -27.6, 43.1, 0.0, 1.2);
( -29.0, 41.7, 0.0, 1.2);	( -41.7, 29.0, 0.0, 1.2);
( -43.1, 27.6, 0.0, 1.2);	( -44.5, 26.2, 0.0, 1.2);
( -46.0, 24.8, 0.0, 1.2);	( -47.4, 23.3, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -53.0, 17.7, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 7.1, 0.0, 1.2);
( -70.7, 0.0, 0.0, 1.2);	( -77.8, -7.1, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -84.8, -14.1, 0.0, 1.2); ( -91.9, -21.2, 0.0, 1.2);  
( -99.0, -28.3, 0.0, 1.2); ( -106.1, -35.4, 0.0, 1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 42.4, 99.0, 0.0, 1.2); ( 35.4, 91.9, 0.0, 1.2);  
( 28.3, 84.8, 0.0, 1.2); ( 21.2, 77.8, 0.0, 1.2);  
( 14.1, 70.7, 0.0, 1.2); ( 7.1, 63.6, 0.0, 1.2);  
( 0.0, 56.6, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -10.6, 46.0, 0.0, 1.2); ( -14.1, 42.4, 0.0, 1.2);  
( -16.3, 40.3, 0.0, 1.2); ( -17.7, 38.9, 0.0, 1.2);  
( -19.1, 37.5, 0.0, 1.2); ( -20.5, 36.1, 0.0, 1.2);  
( -21.9, 34.7, 0.0, 1.2); ( -34.7, 21.9, 0.0, 1.2);  
( -36.1, 20.5, 0.0, 1.2); ( -37.5, 19.1, 0.0, 1.2);  
( -38.9, 17.7, 0.0, 1.2); ( -40.3, 16.3, 0.0, 1.2);  
( -42.4, 14.1, 0.0, 1.2); ( -46.0, 10.6, 0.0, 1.2);  
( -49.5, 7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);  
( -63.6, -7.1, 0.0, 1.2); ( -70.7, -14.1, 0.0, 1.2);  
( -77.8, -21.2, 0.0, 1.2); ( -84.8, -28.3, 0.0, 1.2);  
( -91.9, -35.4, 0.0, 1.2); ( -99.0, -42.4, 0.0, 1.2);  
( 49.5, 91.9, 0.0, 1.2); ( 42.4, 84.8, 0.0, 1.2);  
( 35.4, 77.8, 0.0, 1.2); ( 28.3, 70.7, 0.0, 1.2);  
( 21.2, 63.6, 0.0, 1.2); ( 14.1, 56.6, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 42.4, 0.0, 1.2);  
( -3.5, 38.9, 0.0, 1.2); ( -7.1, 35.4, 0.0, 1.2);  
( -9.2, 33.2, 0.0, 1.2); ( -10.6, 31.8, 0.0, 1.2);  
( -12.0, 30.4, 0.0, 1.2); ( -13.4, 29.0, 0.0, 1.2);  
( -14.9, 27.6, 0.0, 1.2); ( -27.6, 14.9, 0.0, 1.2);  
( -29.0, 13.4, 0.0, 1.2); ( -30.4, 12.0, 0.0, 1.2);  
( -31.8, 10.6, 0.0, 1.2); ( -33.2, 9.2, 0.0, 1.2);  
( -35.4, 7.1, 0.0, 1.2); ( -38.9, 3.5, 0.0, 1.2);  
( -42.4, 0.0, 0.0, 1.2); ( -49.5, -7.1, 0.0, 1.2);  
( -56.6, -14.1, 0.0, 1.2); ( -63.6, -21.2, 0.0, 1.2);  
( -70.7, -28.3, 0.0, 1.2); ( -77.8, -35.4, 0.0, 1.2);  
( -84.8, -42.4, 0.0, 1.2); ( -91.9, -49.5, 0.0, 1.2);  
( 56.6, 84.8, 0.0, 1.2); ( 49.5, 77.8, 0.0, 1.2);  
( 42.4, 70.7, 0.0, 1.2); ( 35.4, 63.6, 0.0, 1.2);  
( 28.3, 56.6, 0.0, 1.2); ( 21.2, 49.5, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 7.1, 35.4, 0.0, 1.2);  
( 3.5, 31.8, 0.0, 1.2); ( 0.0, 28.3, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

(	-2.1,	26.2,	0.0,	1.2);	(	-3.5,	24.8,	0.0,	1.2);
(	-4.9,	23.3,	0.0,	1.2);	(	-6.4,	21.9,	0.0,	1.2);
(	-7.8,	20.5,	0.0,	1.2);	(	-20.5,	7.8,	0.0,	1.2);
(	-21.9,	6.4,	0.0,	1.2);	(	-23.3,	4.9,	0.0,	1.2);
(	-24.8,	3.5,	0.0,	1.2);	(	-26.2,	2.1,	0.0,	1.2);
(	-28.3,	0.0,	0.0,	1.2);	(	-31.8,	-3.5,	0.0,	1.2);
(	-35.4,	-7.1,	0.0,	1.2);	(	-42.4,	-14.1,	0.0,	1.2);
(	-49.5,	-21.2,	0.0,	1.2);	(	-56.6,	-28.3,	0.0,	1.2);
(	-63.6,	-35.4,	0.0,	1.2);	(	-70.7,	-42.4,	0.0,	1.2);
(	-77.8,	-49.5,	0.0,	1.2);	(	-84.8,	-56.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

(	63.6,	77.8,	0.0,	1.2);	(	56.6,	70.7,	0.0,	1.2);
(	49.5,	63.6,	0.0,	1.2);	(	42.4,	56.6,	0.0,	1.2);
(	35.4,	49.5,	0.0,	1.2);	(	28.3,	42.4,	0.0,	1.2);
(	21.2,	35.4,	0.0,	1.2);	(	14.1,	28.3,	0.0,	1.2);
(	10.6,	24.8,	0.0,	1.2);	(	7.1,	21.2,	0.0,	1.2);
(	4.9,	19.1,	0.0,	1.2);	(	3.5,	17.7,	0.0,	1.2);
(	2.1,	16.3,	0.0,	1.2);	(	0.7,	14.9,	0.0,	1.2);
(	-0.7,	13.4,	0.0,	1.2);	(	-13.4,	0.7,	0.0,	1.2);
(	-14.9,	-0.7,	0.0,	1.2);	(	-16.3,	-2.1,	0.0,	1.2);
(	-17.7,	-3.5,	0.0,	1.2);	(	-19.1,	-4.9,	0.0,	1.2);
(	-21.2,	-7.1,	0.0,	1.2);	(	-24.8,	-10.6,	0.0,	1.2);
(	-28.3,	-14.1,	0.0,	1.2);	(	-35.4,	-21.2,	0.0,	1.2);
(	-42.4,	-28.3,	0.0,	1.2);	(	-49.5,	-35.4,	0.0,	1.2);
(	-56.6,	-42.4,	0.0,	1.2);	(	-63.6,	-49.5,	0.0,	1.2);
(	-70.7,	-56.6,	0.0,	1.2);	(	-77.8,	-63.6,	0.0,	1.2);
(	70.7,	70.7,	0.0,	1.2);	(	63.6,	63.6,	0.0,	1.2);
(	56.6,	56.6,	0.0,	1.2);	(	49.5,	49.5,	0.0,	1.2);
(	42.4,	42.4,	0.0,	1.2);	(	35.4,	35.4,	0.0,	1.2);
(	28.3,	28.3,	0.0,	1.2);	(	21.2,	21.2,	0.0,	1.2);
(	17.7,	17.7,	0.0,	1.2);	(	14.1,	14.1,	0.0,	1.2);
(	12.0,	12.0,	0.0,	1.2);	(	10.6,	10.6,	0.0,	1.2);
(	9.2,	9.2,	0.0,	1.2);	(	7.8,	7.8,	0.0,	1.2);
(	6.4,	6.4,	0.0,	1.2);	(	-6.4,	-6.4,	0.0,	1.2);
(	-7.8,	-7.8,	0.0,	1.2);	(	-9.2,	-9.2,	0.0,	1.2);
(	-10.6,	-10.6,	0.0,	1.2);	(	-12.0,	-12.0,	0.0,	1.2);
(	-14.1,	-14.1,	0.0,	1.2);	(	-17.7,	-17.7,	0.0,	1.2);
(	-21.2,	-21.2,	0.0,	1.2);	(	-28.3,	-28.3,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -35.4, -35.4, 0.0, 1.2);	( -42.4, -42.4, 0.0, 1.2);
( -49.5, -49.5, 0.0, 1.2);	( -56.6, -56.6, 0.0, 1.2);
( -63.6, -63.6, 0.0, 1.2);	( -70.7, -70.7, 0.0, 1.2);
( 77.8, 63.6, 0.0, 1.2);	( 70.7, 56.6, 0.0, 1.2);
( 63.6, 49.5, 0.0, 1.2);	( 56.6, 42.4, 0.0, 1.2);
( 49.5, 35.4, 0.0, 1.2);	( 42.4, 28.3, 0.0, 1.2);
( 35.4, 21.2, 0.0, 1.2);	( 28.3, 14.1, 0.0, 1.2);
( 24.8, 10.6, 0.0, 1.2);	( 21.2, 7.1, 0.0, 1.2);
( 19.1, 4.9, 0.0, 1.2);	( 17.7, 3.5, 0.0, 1.2);
( 16.3, 2.1, 0.0, 1.2);	( 14.9, 0.7, 0.0, 1.2);
( 13.4, -0.7, 0.0, 1.2);	( 0.7, -13.4, 0.0, 1.2);
( -0.7, -14.9, 0.0, 1.2);	( -2.1, -16.3, 0.0, 1.2);
( -3.5, -17.7, 0.0, 1.2);	( -4.9, -19.1, 0.0, 1.2);
( -7.1, -21.2, 0.0, 1.2);	( -10.6, -24.8, 0.0, 1.2);
( -14.1, -28.3, 0.0, 1.2);	( -21.2, -35.4, 0.0, 1.2);
( -28.3, -42.4, 0.0, 1.2);	( -35.4, -49.5, 0.0, 1.2);
( -42.4, -56.6, 0.0, 1.2);	( -49.5, -63.6, 0.0, 1.2);
( -56.6, -70.7, 0.0, 1.2);	( -63.6, -77.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4, 0.0, 1.2);
( 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2, 0.0, 1.2);
( 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);
( 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5, 0.0, 1.2);
( 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4, 0.0, 1.2);
( 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5, 0.0, 1.2);
( 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3, 0.0, 1.2);
( 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8, 0.0, 1.2);
( -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7, 0.0, 1.2);
( -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8, 0.0, 1.2);
( 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3, 0.0, 1.2);
( 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1, 0.0, 1.2);
( 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6, 0.0, 1.2);
( 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4, 0.0, 1.2);
( 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6, 0.0, 1.2);
( 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4, 0.0, 1.2);
( 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2);	( 3.5, -38.9, 0.0, 1.2);
( 0.0, -42.4, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -14.1, -56.6, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -28.3, -70.7, 0.0, 1.2);	( -35.4, -77.8, 0.0, 1.2);
( -42.4, -84.8, 0.0, 1.2);	( -49.5, -91.9, 0.0, 1.2);
( 99.0, 42.4, 0.0, 1.2);	( 91.9, 35.4, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 21.2, 0.0, 1.2);
( 70.7, 14.1, 0.0, 1.2);	( 63.6, 7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, -7.1, 0.0, 1.2);
( 46.0, -10.6, 0.0, 1.2);	( 42.4, -14.1, 0.0, 1.2);
( 40.3, -16.3, 0.0, 1.2);	( 38.9, -17.7, 0.0, 1.2);
( 37.5, -19.1, 0.0, 1.2);	( 36.1, -20.5, 0.0, 1.2);
( 34.7, -21.9, 0.0, 1.2);	( 21.9, -34.7, 0.0, 1.2);
( 20.5, -36.1, 0.0, 1.2);	( 19.1, -37.5, 0.0, 1.2);
( 17.7, -38.9, 0.0, 1.2);	( 16.3, -40.3, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 10.6, -46.0, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -56.6, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -70.7, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -84.8, 0.0, 1.2);
( -35.4, -91.9, 0.0, 1.2);	( -42.4, -99.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 106.1, 35.4, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 21.2, 0.0, 1.2);	( 84.8, 14.1, 0.0, 1.2);
( 77.8, 7.1, 0.0, 1.2);	( 70.7, 0.0, 0.0, 1.2);
( 63.6, -7.1, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 53.0, -17.7, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 47.4, -23.3, 0.0, 1.2);	( 46.0, -24.8, 0.0, 1.2);
( 44.5, -26.2, 0.0, 1.2);	( 43.1, -27.6, 0.0, 1.2);
( 41.7, -29.0, 0.0, 1.2);	( 29.0, -41.7, 0.0, 1.2);
( 27.6, -43.1, 0.0, 1.2);	( 26.2, -44.5, 0.0, 1.2);
( 24.8, -46.0, 0.0, 1.2);	( 23.3, -47.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2);	( 17.7, -53.0, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 14.1,	-56.6,	0.0,	1.2);	( 7.1,	-63.6,	0.0,	1.2);
( 0.0,	-70.7,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-84.8,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);
( -28.3,	-99.0,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	21.2,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	-7.1,	0.0,	1.2);
( 70.7,	-14.1,	0.0,	1.2);	( 63.6,	-21.2,	0.0,	1.2);
( 60.1,	-24.8,	0.0,	1.2);	( 56.6,	-28.3,	0.0,	1.2);
( 54.5,	-30.4,	0.0,	1.2);	( 53.0,	-31.8,	0.0,	1.2);
( 51.6,	-33.2,	0.0,	1.2);	( 50.2,	-34.7,	0.0,	1.2);
( 48.8,	-36.1,	0.0,	1.2);	( 36.1,	-48.8,	0.0,	1.2);
( 34.7,	-50.2,	0.0,	1.2);	( 33.2,	-51.6,	0.0,	1.2);
( 31.8,	-53.0,	0.0,	1.2);	( 30.4,	-54.5,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 24.8,	-60.1,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-70.7,	0.0,	1.2);
( 7.1,	-77.8,	0.0,	1.2);	( 0.0,	-84.8,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-99.0,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-113.1,	0.0,	1.2);
( 120.2,	21.2,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	-7.1,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-21.2,	0.0,	1.2);	( 70.7,	-28.3,	0.0,	1.2);
( 67.2,	-31.8,	0.0,	1.2);	( 63.6,	-35.4,	0.0,	1.2);
( 61.5,	-37.5,	0.0,	1.2);	( 60.1,	-38.9,	0.0,	1.2);
( 58.7,	-40.3,	0.0,	1.2);	( 57.3,	-41.7,	0.0,	1.2);
( 55.9,	-43.1,	0.0,	1.2);	( 43.1,	-55.9,	0.0,	1.2);
( 41.7,	-57.3,	0.0,	1.2);	( 40.3,	-58.7,	0.0,	1.2);
( 38.9,	-60.1,	0.0,	1.2);	( 37.5,	-61.5,	0.0,	1.2);
( 35.4,	-63.6,	0.0,	1.2);	( 31.8,	-67.2,	0.0,	1.2);
( 28.3,	-70.7,	0.0,	1.2);	( 21.2,	-77.8,	0.0,	1.2);
( 14.1,	-84.8,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-99.0,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-113.1,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 15  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 127.3,	14.1,	0.0,	1.2);	( 120.2,	7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	-7.1,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-21.2,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 84.8,	-28.3,	0.0,	1.2);	( 77.8,	-35.4,	0.0,	1.2);
( 74.2,	-38.9,	0.0,	1.2);	( 70.7,	-42.4,	0.0,	1.2);
( 68.6,	-44.5,	0.0,	1.2);	( 67.2,	-46.0,	0.0,	1.2);
( 65.8,	-47.4,	0.0,	1.2);	( 64.3,	-48.8,	0.0,	1.2);
( 62.9,	-50.2,	0.0,	1.2);	( 50.2,	-62.9,	0.0,	1.2);
( 48.8,	-64.3,	0.0,	1.2);	( 47.4,	-65.8,	0.0,	1.2);
( 46.0,	-67.2,	0.0,	1.2);	( 44.5,	-68.6,	0.0,	1.2);
( 42.4,	-70.7,	0.0,	1.2);	( 38.9,	-74.2,	0.0,	1.2);
( 35.4,	-77.8,	0.0,	1.2);	( 28.3,	-84.8,	0.0,	1.2);
( 21.2,	-91.9,	0.0,	1.2);	( 14.1,	-99.0,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-113.1,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-127.3,	0.0,	1.2);
( 134.4,	7.1,	0.0,	1.2);	( 127.3,	0.0,	0.0,	1.2);
( 120.2,	-7.1,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-21.2,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-35.4,	0.0,	1.2);	( 84.8,	-42.4,	0.0,	1.2);
( 81.3,	-46.0,	0.0,	1.2);	( 77.8,	-49.5,	0.0,	1.2);
( 75.7,	-51.6,	0.0,	1.2);	( 74.2,	-53.0,	0.0,	1.2);
( 72.8,	-54.5,	0.0,	1.2);	( 71.4,	-55.9,	0.0,	1.2);
( 70.0,	-57.3,	0.0,	1.2);	( 57.3,	-70.0,	0.0,	1.2);
( 55.9,	-71.4,	0.0,	1.2);	( 54.5,	-72.8,	0.0,	1.2);
( 53.0,	-74.2,	0.0,	1.2);	( 51.6,	-75.7,	0.0,	1.2);
( 49.5,	-77.8,	0.0,	1.2);	( 46.0,	-81.3,	0.0,	1.2);
( 42.4,	-84.8,	0.0,	1.2);	( 35.4,	-91.9,	0.0,	1.2);
( 28.3,	-99.0,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-113.1,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-127.3,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( 141.4,	0.0,	0.0,	1.2);	( 134.4,	-7.1,	0.0,	1.2);
( 127.3,	-14.1,	0.0,	1.2);	( 120.2,	-21.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-35.4,	0.0,	1.2);
( 99.0,	-42.4,	0.0,	1.2);	( 91.9,	-49.5,	0.0,	1.2);
( 88.4,	-53.0,	0.0,	1.2);	( 84.8,	-56.6,	0.0,	1.2);
( 82.7,	-58.7,	0.0,	1.2);	( 81.3,	-60.1,	0.0,	1.2);
( 79.9,	-61.5,	0.0,	1.2);	( 78.5,	-62.9,	0.0,	1.2);
( 77.1,	-64.3,	0.0,	1.2);	( 64.3,	-77.1,	0.0,	1.2);
( 62.9,	-78.5,	0.0,	1.2);	( 61.5,	-79.9,	0.0,	1.2);
( 60.1,	-81.3,	0.0,	1.2);	( 58.7,	-82.7,	0.0,	1.2);
( 56.6,	-84.8,	0.0,	1.2);	( 53.0,	-88.4,	0.0,	1.2);
( 49.5,	-91.9,	0.0,	1.2);	( 42.4,	-99.0,	0.0,	1.2);
( 35.4,	-106.1,	0.0,	1.2);	( 28.3,	-113.1,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-127.3,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-141.4,	0.0,	1.2);

\*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 148.5, -7.1, 0.0, 1.2);	( 141.4, -14.1, 0.0, 1.2);
( 134.4, -21.2, 0.0, 1.2);	( 127.3, -28.3, 0.0, 1.2);
( 120.2, -35.4, 0.0, 1.2);	( 113.1, -42.4, 0.0, 1.2);
( 106.1, -49.5, 0.0, 1.2);	( 99.0, -56.6, 0.0, 1.2);
( 95.5, -60.1, 0.0, 1.2);	( 91.9, -63.6, 0.0, 1.2);
( 89.8, -65.8, 0.0, 1.2);	( 88.4, -67.2, 0.0, 1.2);
( 87.0, -68.6, 0.0, 1.2);	( 85.6, -70.0, 0.0, 1.2);
( 84.2, -71.4, 0.0, 1.2);	( 71.4, -84.2, 0.0, 1.2);
( 70.0, -85.6, 0.0, 1.2);	( 68.6, -87.0, 0.0, 1.2);
( 67.2, -88.4, 0.0, 1.2);	( 65.8, -89.8, 0.0, 1.2);
( 63.6, -91.9, 0.0, 1.2);	( 60.1, -95.5, 0.0, 1.2);
( 56.6, -99.0, 0.0, 1.2);	( 49.5, -106.1, 0.0, 1.2);
( 42.4, -113.1, 0.0, 1.2);	( 35.4, -120.2, 0.0, 1.2);
( 28.3, -127.3, 0.0, 1.2);	( 21.2, -134.4, 0.0, 1.2);
( 14.1, -141.4, 0.0, 1.2);	( 7.1, -148.5, 0.0, 1.2);
( 155.6, -14.1, 0.0, 1.2);	( 148.5, -21.2, 0.0, 1.2);
( 141.4, -28.3, 0.0, 1.2);	( 134.4, -35.4, 0.0, 1.2);
( 127.3, -42.4, 0.0, 1.2);	( 120.2, -49.5, 0.0, 1.2);
( 113.1, -56.6, 0.0, 1.2);	( 106.1, -63.6, 0.0, 1.2);
( 102.5, -67.2, 0.0, 1.2);	( 99.0, -70.7, 0.0, 1.2);
( 96.9, -72.8, 0.0, 1.2);	( 95.5, -74.2, 0.0, 1.2);
( 94.1, -75.7, 0.0, 1.2);	( 92.6, -77.1, 0.0, 1.2);
( 91.2, -78.5, 0.0, 1.2);	( 78.5, -91.2, 0.0, 1.2);
( 77.1, -92.6, 0.0, 1.2);	( 75.7, -94.1, 0.0, 1.2);
( 74.2, -95.5, 0.0, 1.2);	( 72.8, -96.9, 0.0, 1.2);
( 70.7, -99.0, 0.0, 1.2);	( 67.2, -102.5, 0.0, 1.2);
( 63.6, -106.1, 0.0, 1.2);	( 56.6, -113.1, 0.0, 1.2);
( 49.5, -120.2, 0.0, 1.2);	( 42.4, -127.3, 0.0, 1.2);
( 35.4, -134.4, 0.0, 1.2);	( 28.3, -141.4, 0.0, 1.2);
( 21.2, -148.5, 0.0, 1.2);	( 14.1, -155.6, 0.0, 1.2);
( 162.6, -21.2, 0.0, 1.2);	( 155.6, -28.3, 0.0, 1.2);
( 148.5, -35.4, 0.0, 1.2);	( 141.4, -42.4, 0.0, 1.2);
( 134.4, -49.5, 0.0, 1.2);	( 127.3, -56.6, 0.0, 1.2);
( 120.2, -63.6, 0.0, 1.2);	( 113.1, -70.7, 0.0, 1.2);
( 109.6, -74.2, 0.0, 1.2);	( 106.1, -77.8, 0.0, 1.2);
( 103.9, -79.9, 0.0, 1.2);	( 102.5, -81.3, 0.0, 1.2);
( 101.1, -82.7, 0.0, 1.2);	( 99.7, -84.2, 0.0, 1.2);
( 98.3, -85.6, 0.0, 1.2);	( 85.6, -98.3, 0.0, 1.2);
( 84.2, -99.7, 0.0, 1.2);	( 82.7, -101.1, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 81.3,	-102.5,	0.0,	1.2);	( 79.9,	-103.9,	0.0,	1.2);
( 77.8,	-106.1,	0.0,	1.2);	( 74.2,	-109.6,	0.0,	1.2);
( 70.7,	-113.1,	0.0,	1.2);	( 63.6,	-120.2,	0.0,	1.2);
( 56.6,	-127.3,	0.0,	1.2);	( 49.5,	-134.4,	0.0,	1.2);
( 42.4,	-141.4,	0.0,	1.2);	( 35.4,	-148.5,	0.0,	1.2);
( 28.3,	-155.6,	0.0,	1.2);	( 21.2,	-162.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.7,	-56.6,	0.0,	1.2);	( 162.6,	-63.6,	0.0,	1.2);
( 155.6,	-70.7,	0.0,	1.2);	( 148.5,	-77.8,	0.0,	1.2);
( 141.4,	-84.8,	0.0,	1.2);	( 134.4,	-91.9,	0.0,	1.2);
( 130.8,	-95.5,	0.0,	1.2);	( 127.3,	-99.0,	0.0,	1.2);
( 125.2,	-101.1,	0.0,	1.2);	( 123.7,	-102.5,	0.0,	1.2);
( 122.3,	-103.9,	0.0,	1.2);	( 120.9,	-105.4,	0.0,	1.2);
( 119.5,	-106.8,	0.0,	1.2);	( 106.8,	-119.5,	0.0,	1.2);
( 105.4,	-120.9,	0.0,	1.2);	( 103.9,	-122.3,	0.0,	1.2);
( 102.5,	-123.7,	0.0,	1.2);	( 101.1,	-125.2,	0.0,	1.2);
( 99.0,	-127.3,	0.0,	1.2);	( 95.5,	-130.8,	0.0,	1.2);
( 91.9,	-134.4,	0.0,	1.2);	( 84.8,	-141.4,	0.0,	1.2);
( 77.8,	-148.5,	0.0,	1.2);	( 70.7,	-155.6,	0.0,	1.2);
( 63.6,	-162.6,	0.0,	1.2);	( 56.6,	-169.7,	0.0,	1.2);
( 49.5,	-176.8,	0.0,	1.2);	( 42.4,	-183.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 190.9,	-49.5,	0.0,	1.2);	( 183.9,	-56.6,	0.0,	1.2);
( 176.8,	-63.6,	0.0,	1.2);	( 169.7,	-70.7,	0.0,	1.2);
( 162.6,	-77.8,	0.0,	1.2);	( 155.6,	-84.8,	0.0,	1.2);
( 148.5,	-91.9,	0.0,	1.2);	( 141.4,	-99.0,	0.0,	1.2);
( 137.9,	-102.5,	0.0,	1.2);	( 134.4,	-106.1,	0.0,	1.2);
( 132.2,	-108.2,	0.0,	1.2);	( 130.8,	-109.6,	0.0,	1.2);
( 129.4,	-111.0,	0.0,	1.2);	( 128.0,	-112.4,	0.0,	1.2);
( 126.6,	-113.8,	0.0,	1.2);	( 113.8,	-126.6,	0.0,	1.2);
( 112.4,	-128.0,	0.0,	1.2);	( 111.0,	-129.4,	0.0,	1.2);
( 109.6,	-130.8,	0.0,	1.2);	( 108.2,	-132.2,	0.0,	1.2);
( 106.1,	-134.4,	0.0,	1.2);	( 102.5,	-137.9,	0.0,	1.2);
( 99.0,	-141.4,	0.0,	1.2);	( 91.9,	-148.5,	0.0,	1.2);
( 84.8,	-155.6,	0.0,	1.2);	( 77.8,	-162.6,	0.0,	1.2);
( 70.7,	-169.7,	0.0,	1.2);	( 63.6,	-176.8,	0.0,	1.2);
( 56.6,	-183.9,	0.0,	1.2);	( 49.5,	-190.9,	0.0,	1.2);
( 198.0,	-56.6,	0.0,	1.2);	( 190.9,	-63.6,	0.0,	1.2);
( 183.9,	-70.7,	0.0,	1.2);	( 176.8,	-77.8,	0.0,	1.2);
( 169.7,	-84.8,	0.0,	1.2);	( 162.6,	-91.9,	0.0,	1.2);
( 155.6,	-99.0,	0.0,	1.2);	( 148.5,	-106.1,	0.0,	1.2);
( 145.0,	-109.6,	0.0,	1.2);	( 141.4,	-113.1,	0.0,	1.2);
( 139.3,	-115.3,	0.0,	1.2);	( 137.9,	-116.7,	0.0,	1.2);
( 136.5,	-118.1,	0.0,	1.2);	( 135.1,	-119.5,	0.0,	1.2);
( 133.6,	-120.9,	0.0,	1.2);	( 120.9,	-133.6,	0.0,	1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 119.5, -135.1, 0.0, 1.2);	( 118.1, -136.5, 0.0, 1.2);
( 116.7, -137.9, 0.0, 1.2);	( 115.3, -139.3, 0.0, 1.2);
( 113.1, -141.4, 0.0, 1.2);	( 109.6, -145.0, 0.0, 1.2);
( 106.1, -148.5, 0.0, 1.2);	( 99.0, -155.6, 0.0, 1.2);
( 91.9, -162.6, 0.0, 1.2);	( 84.8, -169.7, 0.0, 1.2);
( 77.8, -176.8, 0.0, 1.2);	( 70.7, -183.9, 0.0, 1.2);
( 63.6, -190.9, 0.0, 1.2);	( 56.6, -198.0, 0.0, 1.2);
( 205.1, -63.6, 0.0, 1.2);	( 198.0, -70.7, 0.0, 1.2);
( 190.9, -77.8, 0.0, 1.2);	( 183.9, -84.8, 0.0, 1.2);
( 176.8, -91.9, 0.0, 1.2);	( 169.7, -99.0, 0.0, 1.2);
( 162.6, -106.1, 0.0, 1.2);	( 155.6, -113.1, 0.0, 1.2);
( 152.0, -116.7, 0.0, 1.2);	( 148.5, -120.2, 0.0, 1.2);
( 146.4, -122.3, 0.0, 1.2);	( 145.0, -123.7, 0.0, 1.2);
( 143.5, -125.2, 0.0, 1.2);	( 142.1, -126.6, 0.0, 1.2);
( 140.7, -128.0, 0.0, 1.2);	( 128.0, -140.7, 0.0, 1.2);
( 126.6, -142.1, 0.0, 1.2);	( 125.2, -143.5, 0.0, 1.2);
( 123.7, -145.0, 0.0, 1.2);	( 122.3, -146.4, 0.0, 1.2);
( 120.2, -148.5, 0.0, 1.2);	( 116.7, -152.0, 0.0, 1.2);
( 113.1, -155.6, 0.0, 1.2);	( 106.1, -162.6, 0.0, 1.2);
( 99.0, -169.7, 0.0, 1.2);	( 91.9, -176.8, 0.0, 1.2);
( 84.8, -183.9, 0.0, 1.2);	( 77.8, -190.9, 0.0, 1.2);
( 70.7, -198.0, 0.0, 1.2);	( 63.6, -205.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 212.1, -70.7, 0.0, 1.2);	( 205.1, -77.8, 0.0, 1.2);
( 198.0, -84.8, 0.0, 1.2);	( 190.9, -91.9, 0.0, 1.2);
( 183.9, -99.0, 0.0, 1.2);	( 176.8, -106.1, 0.0, 1.2);
( 169.7, -113.1, 0.0, 1.2);	( 162.6, -120.2, 0.0, 1.2);
( 159.1, -123.7, 0.0, 1.2);	( 155.6, -127.3, 0.0, 1.2);
( 153.4, -129.4, 0.0, 1.2);	( 152.0, -130.8, 0.0, 1.2);
( 150.6, -132.2, 0.0, 1.2);	( 149.2, -133.6, 0.0, 1.2);
( 147.8, -135.1, 0.0, 1.2);	( 135.1, -147.8, 0.0, 1.2);
( 133.6, -149.2, 0.0, 1.2);	( 132.2, -150.6, 0.0, 1.2);
( 130.8, -152.0, 0.0, 1.2);	( 129.4, -153.4, 0.0, 1.2);
( 127.3, -155.6, 0.0, 1.2);	( 123.7, -159.1, 0.0, 1.2);
( 120.2, -162.6, 0.0, 1.2);	( 113.1, -169.7, 0.0, 1.2);
( 106.1, -176.8, 0.0, 1.2);	( 99.0, -183.9, 0.0, 1.2);
( 91.9, -190.9, 0.0, 1.2);	( 84.8, -198.0, 0.0, 1.2);
( 77.8, -205.1, 0.0, 1.2);	( 70.7, -212.1, 0.0, 1.2);

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 219.2, -77.8, 0.0, 1.2);	( 212.1, -84.8, 0.0, 1.2);
( 205.1, -91.9, 0.0, 1.2);	( 198.0, -99.0, 0.0, 1.2);
( 190.9, -106.1, 0.0, 1.2);	( 183.9, -113.1, 0.0, 1.2);
( 176.8, -120.2, 0.0, 1.2);	( 169.7, -127.3, 0.0, 1.2);
( 166.2, -130.8, 0.0, 1.2);	( 162.6, -134.4, 0.0, 1.2);
( 160.5, -136.5, 0.0, 1.2);	( 159.1, -137.9, 0.0, 1.2);
( 157.7, -139.3, 0.0, 1.2);	( 156.3, -140.7, 0.0, 1.2);
( 154.9, -142.1, 0.0, 1.2);	( 142.1, -154.9, 0.0, 1.2);
( 140.7, -156.3, 0.0, 1.2);	( 139.3, -157.7, 0.0, 1.2);
( 137.9, -159.1, 0.0, 1.2);	( 136.5, -160.5, 0.0, 1.2);
( 134.4, -162.6, 0.0, 1.2);	( 130.8, -166.2, 0.0, 1.2);
( 127.3, -169.7, 0.0, 1.2);	( 120.2, -176.8, 0.0, 1.2);
( 113.1, -183.9, 0.0, 1.2);	( 106.1, -190.9, 0.0, 1.2);
( 99.0, -198.0, 0.0, 1.2);	( 91.9, -205.1, 0.0, 1.2);
( 84.8, -212.1, 0.0, 1.2);	( 77.8, -219.2, 0.0, 1.2);
( 226.3, -84.8, 0.0, 1.2);	( 219.2, -91.9, 0.0, 1.2);
( 212.1, -99.0, 0.0, 1.2);	( 205.1, -106.1, 0.0, 1.2);
( 198.0, -113.1, 0.0, 1.2);	( 190.9, -120.2, 0.0, 1.2);
( 183.9, -127.3, 0.0, 1.2);	( 176.8, -134.4, 0.0, 1.2);
( 173.2, -137.9, 0.0, 1.2);	( 169.7, -141.4, 0.0, 1.2);
( 167.6, -143.5, 0.0, 1.2);	( 166.2, -145.0, 0.0, 1.2);
( 164.8, -146.4, 0.0, 1.2);	( 163.3, -147.8, 0.0, 1.2);
( 161.9, -149.2, 0.0, 1.2);	( 149.2, -161.9, 0.0, 1.2);
( 147.8, -163.3, 0.0, 1.2);	( 146.4, -164.8, 0.0, 1.2);
( 145.0, -166.2, 0.0, 1.2);	( 143.5, -167.6, 0.0, 1.2);
( 141.4, -169.7, 0.0, 1.2);	( 137.9, -173.2, 0.0, 1.2);
( 134.4, -176.8, 0.0, 1.2);	( 127.3, -183.9, 0.0, 1.2);
( 120.2, -190.9, 0.0, 1.2);	( 113.1, -198.0, 0.0, 1.2);
( 106.1, -205.1, 0.0, 1.2);	( 99.0, -212.1, 0.0, 1.2);
( 91.9, -219.2, 0.0, 1.2);	( 84.8, -226.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 233.4, -91.9, 0.0, 1.2);	( 226.3, -99.0, 0.0, 1.2);
( 219.2, -106.1, 0.0, 1.2);	( 212.1, -113.1, 0.0, 1.2);
( 205.1, -120.2, 0.0, 1.2);	( 198.0, -127.3, 0.0, 1.2);
( 190.9, -134.4, 0.0, 1.2);	( 183.9, -141.4, 0.0, 1.2);
( 180.3, -145.0, 0.0, 1.2);	( 176.8, -148.5, 0.0, 1.2);
( 174.7, -150.6, 0.0, 1.2);	( 173.2, -152.0, 0.0, 1.2);
( 171.8, -153.4, 0.0, 1.2);	( 170.4, -154.9, 0.0, 1.2);



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.0,	-156.3,	0.0,	1.2);	( 156.3,	-169.0,	0.0,	1.2);
( 154.9,	-170.4,	0.0,	1.2);	( 153.4,	-171.8,	0.0,	1.2);
( 152.0,	-173.2,	0.0,	1.2);	( 150.6,	-174.7,	0.0,	1.2);
( 148.5,	-176.8,	0.0,	1.2);	( 145.0,	-180.3,	0.0,	1.2);
( 141.4,	-183.9,	0.0,	1.2);	( 134.4,	-190.9,	0.0,	1.2);
( 127.3,	-198.0,	0.0,	1.2);	( 120.2,	-205.1,	0.0,	1.2);
( 113.1,	-212.1,	0.0,	1.2);	( 106.1,	-219.2,	0.0,	1.2);
( 99.0,	-226.3,	0.0,	1.2);	( 91.9,	-233.4,	0.0,	1.2);
( 240.4,	-99.0,	0.0,	1.2);	( 233.4,	-106.1,	0.0,	1.2);
( 226.3,	-113.1,	0.0,	1.2);	( 219.2,	-120.2,	0.0,	1.2);
( 212.1,	-127.3,	0.0,	1.2);	( 205.1,	-134.4,	0.0,	1.2);
( 198.0,	-141.4,	0.0,	1.2);	( 190.9,	-148.5,	0.0,	1.2);
( 187.4,	-152.0,	0.0,	1.2);	( 183.9,	-155.6,	0.0,	1.2);
( 181.7,	-157.7,	0.0,	1.2);	( 180.3,	-159.1,	0.0,	1.2);
( 178.9,	-160.5,	0.0,	1.2);	( 177.5,	-161.9,	0.0,	1.2);
( 176.1,	-163.3,	0.0,	1.2);	( 163.3,	-176.1,	0.0,	1.2);
( 161.9,	-177.5,	0.0,	1.2);	( 160.5,	-178.9,	0.0,	1.2);
( 159.1,	-180.3,	0.0,	1.2);	( 157.7,	-181.7,	0.0,	1.2);
( 155.6,	-183.9,	0.0,	1.2);	( 152.0,	-187.4,	0.0,	1.2);
( 148.5,	-190.9,	0.0,	1.2);	( 141.4,	-198.0,	0.0,	1.2);
( 134.4,	-205.1,	0.0,	1.2);	( 127.3,	-212.1,	0.0,	1.2);
( 120.2,	-219.2,	0.0,	1.2);	( 113.1,	-226.3,	0.0,	1.2);
( 106.1,	-233.4,	0.0,	1.2);	( 99.0,	-240.4,	0.0,	1.2);
( 247.5,	-106.1,	0.0,	1.2);	( 240.4,	-113.1,	0.0,	1.2);
( 233.4,	-120.2,	0.0,	1.2);	( 226.3,	-127.3,	0.0,	1.2);
( 219.2,	-134.4,	0.0,	1.2);	( 212.1,	-141.4,	0.0,	1.2);
( 205.1,	-148.5,	0.0,	1.2);	( 198.0,	-155.6,	0.0,	1.2);
( 194.4,	-159.1,	0.0,	1.2);	( 190.9,	-162.6,	0.0,	1.2);
( 188.8,	-164.8,	0.0,	1.2);	( 187.4,	-166.2,	0.0,	1.2);
( 186.0,	-167.6,	0.0,	1.2);	( 184.6,	-169.0,	0.0,	1.2);
( 183.1,	-170.4,	0.0,	1.2);	( 170.4,	-183.1,	0.0,	1.2);
( 169.0,	-184.6,	0.0,	1.2);	( 167.6,	-186.0,	0.0,	1.2);
( 166.2,	-187.4,	0.0,	1.2);	( 164.8,	-188.8,	0.0,	1.2);
( 162.6,	-190.9,	0.0,	1.2);	( 159.1,	-194.4,	0.0,	1.2);
( 155.6,	-198.0,	0.0,	1.2);	( 148.5,	-205.1,	0.0,	1.2);
( 141.4,	-212.1,	0.0,	1.2);	( 134.4,	-219.2,	0.0,	1.2);
( 127.3,	-226.3,	0.0,	1.2);	( 120.2,	-233.4,	0.0,	1.2);
( 113.1,	-240.4,	0.0,	1.2);	( 106.1,	-247.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00002	-113.14	240.42	0.00003
-120.21	233.35	0.00003	-127.28	226.27	0.00003
-134.35	219.20	0.00003	-141.42	212.13	0.00003
-148.49	205.06	0.00003	-155.56	197.99	0.00003
-159.10	194.45	0.00003	-162.63	190.92	0.00003
-164.76	188.80	0.00003	-166.17	187.38	0.00003
-167.58	185.97	0.00003	-169.00	184.55	0.00003
-170.41	183.14	0.00003	-183.14	170.41	0.00003
-184.55	169.00	0.00003	-185.97	167.58	0.00003
-187.38	166.17	0.00003	-188.80	164.76	0.00003
-190.92	162.63	0.00003	-194.45	159.10	0.00003
-197.99	155.56	0.00003	-205.06	148.49	0.00003
-212.13	141.42	0.00003	-219.20	134.35	0.00003
-226.27	127.28	0.00003	-233.35	120.21	0.00003
-240.42	113.14	0.00003	-247.49	106.07	0.00003
-98.99	240.42	0.00003	-106.07	233.35	0.00003
-113.14	226.27	0.00003	-120.21	219.20	0.00003

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.28	212.13	0.00003	-134.35	205.06	0.00003
-141.42	197.99	0.00003	-148.49	190.92	0.00003
-152.03	187.38	0.00003	-155.56	183.85	0.00003
-157.68	181.73	0.00003	-159.10	180.31	0.00003
-160.51	178.90	0.00003	-161.93	177.48	0.00003
-163.34	176.07	0.00003	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00004	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00003
-219.20	120.21	0.00003	-226.27	113.14	0.00003
-233.35	106.07	0.00003	-240.42	98.99	0.00003
-91.92	233.35	0.00003	-98.99	226.27	0.00003
-106.07	219.20	0.00003	-113.14	212.13	0.00003
-120.21	205.06	0.00003	-127.28	197.99	0.00003
-134.35	190.92	0.00003	-141.42	183.85	0.00003
-144.96	180.31	0.00003	-148.49	176.78	0.00003
-150.61	174.66	0.00003	-152.03	173.24	0.00003
-153.44	171.83	0.00004	-154.86	170.41	0.00004
-156.27	169.00	0.00004	-169.00	156.27	0.00004
-170.41	154.86	0.00004	-171.83	153.44	0.00004
-173.24	152.03	0.00004	-174.66	150.61	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00003
-226.27	99.00	0.00003	-233.35	91.92	0.00003
-84.85	226.27	0.00003	-91.92	219.20	0.00003
-98.99	212.13	0.00003	-106.07	205.06	0.00003
-113.14	197.99	0.00003	-120.21	190.92	0.00003
-127.28	183.85	0.00003	-134.35	176.78	0.00003
-137.89	173.24	0.00004	-141.42	169.71	0.00004
-143.54	167.58	0.00004	-144.96	166.17	0.00004

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00004	-147.79	163.34	0.00004
-149.20	161.93	0.00004	-161.93	149.20	0.00004
-163.34	147.79	0.00004	-164.76	146.37	0.00004
-166.17	144.96	0.00004	-167.58	143.54	0.00004
-169.71	141.42	0.00004	-173.24	137.89	0.00004
-176.78	134.35	0.00004	-183.85	127.28	0.00004
-190.92	120.21	0.00004	-197.99	113.14	0.00004
-205.06	106.07	0.00004	-212.13	99.00	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00003
-77.78	219.20	0.00003	-84.85	212.13	0.00003
-91.92	205.06	0.00003	-98.99	197.99	0.00003
-106.07	190.92	0.00003	-113.14	183.85	0.00003
-120.21	176.78	0.00003	-127.28	169.71	0.00004
-130.81	166.17	0.00004	-134.35	162.63	0.00004
-136.47	160.51	0.00004	-137.89	159.10	0.00004
-139.30	157.68	0.00004	-140.71	156.27	0.00004
-142.13	154.86	0.00004	-154.86	142.13	0.00004
-156.27	140.71	0.00004	-157.68	139.30	0.00004
-159.10	137.89	0.00004	-160.51	136.47	0.00004
-162.63	134.35	0.00004	-166.17	130.81	0.00004
-169.71	127.28	0.00004	-176.78	120.21	0.00004
-183.85	113.14	0.00004	-190.92	106.07	0.00004
-197.99	99.00	0.00004	-205.06	91.92	0.00004
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00003	-77.78	205.06	0.00003
-84.85	197.99	0.00003	-91.92	190.92	0.00003
-98.99	183.85	0.00003	-106.07	176.78	0.00004
-113.14	169.71	0.00004	-120.21	162.63	0.00004
-123.74	159.10	0.00004	-127.28	155.56	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00004	-130.81	152.03	0.00004
-132.23	150.61	0.00004	-133.64	149.20	0.00004
-135.06	147.79	0.00004	-147.79	135.06	0.00004
-149.20	133.64	0.00004	-150.61	132.23	0.00004
-152.03	130.81	0.00004	-153.44	129.40	0.00004

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00004	-159.10	123.74	0.00004
-162.63	120.21	0.00004	-169.71	113.14	0.00004
-176.78	106.07	0.00004	-183.85	98.99	0.00004
-190.92	91.92	0.00004	-197.99	84.85	0.00004
-205.06	77.78	0.00004	-212.13	70.71	0.00004
-63.64	205.06	0.00003	-70.71	197.99	0.00003
-77.78	190.92	0.00003	-84.85	183.85	0.00003
-91.92	176.78	0.00004	-98.99	169.71	0.00004
-106.07	162.63	0.00004	-113.14	155.56	0.00004
-116.67	152.03	0.00004	-120.21	148.49	0.00004
-122.33	146.37	0.00004	-123.74	144.96	0.00004
-125.16	143.54	0.00004	-126.57	142.13	0.00004
-127.99	140.71	0.00004	-140.71	127.99	0.00005
-142.13	126.57	0.00005	-143.54	125.16	0.00005
-144.96	123.74	0.00005	-146.37	122.33	0.00005
-148.49	120.21	0.00005	-152.03	116.67	0.00005
-155.56	113.14	0.00005	-162.63	106.07	0.00005
-169.71	98.99	0.00004	-176.78	91.92	0.00004
-183.85	84.85	0.00004	-190.92	77.78	0.00004
-197.99	70.71	0.00004	-205.06	63.64	0.00004
-56.57	197.99	0.00003	-63.64	190.92	0.00003
-70.71	183.85	0.00003	-77.78	176.78	0.00004
-84.85	169.71	0.00004	-91.92	162.63	0.00004
-98.99	155.56	0.00004	-106.07	148.49	0.00004
-109.60	144.96	0.00004	-113.14	141.42	0.00004
-115.26	139.30	0.00004	-116.67	137.89	0.00004
-118.09	136.47	0.00004	-119.50	135.06	0.00004
-120.92	133.64	0.00005	-133.64	120.92	0.00005
-135.06	119.50	0.00005	-136.47	118.09	0.00005
-137.89	116.67	0.00005	-139.30	115.26	0.00005
-141.42	113.14	0.00005	-144.96	109.60	0.00005
-148.49	106.07	0.00005	-155.56	98.99	0.00005
-162.63	91.92	0.00005	-169.71	84.85	0.00005
-176.78	77.78	0.00004	-183.85	70.71	0.00004
-190.92	63.64	0.00004	-197.99	56.57	0.00004

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:09:05  
 \*\*MODELOPTS:  
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 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

16NCRA_PL91-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00003	-56.57	183.85	0.00003
-63.64	176.78	0.00004	-70.71	169.71	0.00004
-77.78	162.63	0.00004	-84.85	155.56	0.00004
-91.92	148.49	0.00004	-98.99	141.42	0.00004
-102.53	137.89	0.00004	-106.07	134.35	0.00005
-108.19	132.23	0.00005	-109.60	130.81	0.00005
-111.02	129.40	0.00005	-112.43	127.99	0.00005
-113.84	126.57	0.00005	-126.57	113.84	0.00005
-127.99	112.43	0.00005	-129.40	111.02	0.00005
-130.81	109.60	0.00005	-132.23	108.19	0.00005
-134.35	106.07	0.00005	-137.89	102.53	0.00005
-141.42	98.99	0.00005	-148.49	91.92	0.00005
-155.56	84.85	0.00005	-162.63	77.78	0.00005
-169.71	70.71	0.00005	-176.78	63.64	0.00005
-183.85	56.57	0.00004	-190.92	49.50	0.00004
-42.43	183.85	0.00003	-49.50	176.78	0.00004
-56.57	169.71	0.00004	-63.64	162.63	0.00004
-70.71	155.56	0.00004	-77.78	148.49	0.00004
-84.85	141.42	0.00004	-91.92	134.35	0.00005
-95.46	130.81	0.00005	-98.99	127.28	0.00005
-101.12	125.16	0.00005	-102.53	123.74	0.00005
-103.94	122.33	0.00005	-105.36	120.92	0.00005
-106.77	119.50	0.00005	-119.50	106.77	0.00005
-120.92	105.36	0.00005	-122.33	103.94	0.00005
-123.74	102.53	0.00005	-125.16	101.12	0.00005
-127.28	98.99	0.00005	-130.81	95.46	0.00005
-134.35	91.92	0.00005	-141.42	84.85	0.00005
-148.49	77.78	0.00005	-155.56	70.71	0.00005
-162.63	63.64	0.00005	-169.71	56.57	0.00005
-176.78	49.50	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00003	-42.43	169.71	0.00004
-49.50	162.63	0.00004	-56.57	155.56	0.00004
-63.64	148.49	0.00004	-70.71	141.42	0.00004
-77.78	134.35	0.00005	-84.85	127.28	0.00005
-88.39	123.74	0.00005	-91.92	120.21	0.00005
-94.05	118.09	0.00005	-95.46	116.67	0.00005
-96.87	115.26	0.00005	-98.29	113.84	0.00005
-99.70	112.43	0.00005	-112.43	99.70	0.00006
-113.84	98.29	0.00006	-115.26	96.87	0.00006
-116.67	95.46	0.00006	-118.09	94.05	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00006	-123.74	88.39	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00005	-148.49	63.64	0.00005
-155.56	56.57	0.00005	-162.63	49.50	0.00005
-169.71	42.43	0.00005	-176.78	35.36	0.00005
-28.28	169.71	0.00004	-35.36	162.63	0.00004
-42.43	155.56	0.00004	-49.50	148.49	0.00004
-56.57	141.42	0.00005	-63.64	134.35	0.00005
-70.71	127.28	0.00005	-77.78	120.21	0.00005
-81.32	116.67	0.00005	-84.85	113.14	0.00005
-86.97	111.02	0.00005	-88.39	109.60	0.00005
-89.80	108.19	0.00006	-91.22	106.77	0.00006
-92.63	105.36	0.00006	-105.36	92.63	0.00006
-106.77	91.22	0.00006	-108.19	89.80	0.00006
-109.60	88.39	0.00006	-111.02	86.97	0.00006
-113.14	84.85	0.00006	-116.67	81.32	0.00006
-120.21	77.78	0.00006	-127.28	70.71	0.00006
-134.35	63.64	0.00006	-141.42	56.57	0.00006
-148.49	49.50	0.00005	-155.56	42.43	0.00005
-162.63	35.36	0.00005	-169.71	28.28	0.00005
-21.21	162.63	0.00004	-28.28	155.56	0.00004
-35.36	148.49	0.00004	-42.43	141.42	0.00005
-49.50	134.35	0.00005	-56.57	127.28	0.00005
-63.64	120.21	0.00005	-70.71	113.14	0.00005
-74.25	109.60	0.00006	-77.78	106.07	0.00006
-79.90	103.94	0.00006	-81.32	102.53	0.00006
-82.73	101.12	0.00006	-84.15	99.70	0.00006
-85.56	98.29	0.00006	-98.29	85.56	0.00006
-99.70	84.15	0.00006	-101.12	82.73	0.00006
-102.53	81.32	0.00006	-103.94	79.90	0.00006
-106.07	77.78	0.00006	-109.60	74.25	0.00006
-113.14	70.71	0.00006	-120.21	63.64	0.00006
-127.28	56.57	0.00006	-134.35	49.50	0.00006
-141.42	42.43	0.00006	-148.49	35.36	0.00006
-155.56	28.28	0.00005	-162.63	21.21	0.00005
-14.14	155.56	0.00004	-21.21	148.49	0.00004
-28.28	141.42	0.00005	-35.36	134.35	0.00005



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00005	-49.50	120.21	0.00005
-56.57	113.14	0.00006	-63.64	106.07	0.00006
-67.18	102.53	0.00006	-70.71	98.99	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00006	-74.25	95.46	0.00006
-75.66	94.05	0.00006	-77.07	92.63	0.00006
-78.49	91.22	0.00006	-91.22	78.49	0.00007
-92.63	77.07	0.00007	-94.05	75.66	0.00007
-95.46	74.25	0.00007	-96.87	72.83	0.00007
-98.99	70.71	0.00007	-102.53	67.18	0.00007
-106.07	63.64	0.00007	-113.14	56.57	0.00007
-120.21	49.50	0.00006	-127.28	42.43	0.00006
-134.35	35.36	0.00006	-141.42	28.28	0.00006
-148.49	21.21	0.00006	-155.56	14.14	0.00006
-7.07	148.49	0.00004	-14.14	141.42	0.00004
-21.21	134.35	0.00005	-28.28	127.28	0.00005
-35.36	120.21	0.00005	-42.43	113.14	0.00006
-49.50	106.07	0.00006	-56.57	98.99	0.00006
-60.10	95.46	0.00006	-63.64	91.92	0.00006
-65.76	89.80	0.00007	-67.18	88.39	0.00007
-68.59	86.97	0.00007	-70.00	85.56	0.00007
-71.42	84.15	0.00007	-84.15	71.42	0.00007
-85.56	70.00	0.00007	-86.97	68.59	0.00007
-88.39	67.18	0.00007	-89.80	65.76	0.00007
-91.92	63.64	0.00007	-95.46	60.10	0.00007
-98.99	56.57	0.00007	-106.07	49.50	0.00007
-113.14	42.43	0.00007	-120.21	35.36	0.00007
-127.28	28.28	0.00006	-134.35	21.21	0.00006
-141.42	14.14	0.00006	-148.49	7.07	0.00006
0.00	141.42	0.00004	-7.07	134.35	0.00005
-14.14	127.28	0.00005	-21.21	120.21	0.00005
-28.28	113.14	0.00006	-35.36	106.07	0.00006
-42.43	98.99	0.00006	-49.50	91.92	0.00007
-53.03	88.39	0.00007	-56.57	84.85	0.00007
-58.69	82.73	0.00007	-60.10	81.32	0.00007

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00007	-62.93	78.49	0.00007
-64.35	77.07	0.00007	-77.07	64.35	0.00008
-78.49	62.93	0.00008	-79.90	61.52	0.00008
-81.32	60.10	0.00008	-82.73	58.69	0.00008
-84.85	56.57	0.00008	-88.39	53.03	0.00008
-91.92	49.50	0.00008	-98.99	42.43	0.00007
-106.07	35.36	0.00007	-113.14	28.28	0.00007
-120.21	21.21	0.00007	-127.28	14.14	0.00007
-134.35	7.07	0.00007	-141.42	0.00	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00004	0.00	127.28	0.00005
-7.07	120.21	0.00005	-14.14	113.14	0.00006
-21.21	106.07	0.00006	-28.28	98.99	0.00006
-35.36	91.92	0.00007	-42.43	84.85	0.00007
-45.96	81.32	0.00007	-49.50	77.78	0.00007
-51.62	75.66	0.00007	-53.03	74.25	0.00007
-54.45	72.83	0.00008	-55.86	71.42	0.00008
-57.28	70.00	0.00008	-70.00	57.28	0.00008
-71.42	55.86	0.00008	-72.83	54.45	0.00008
-74.25	53.03	0.00008	-75.66	51.62	0.00008
-77.78	49.50	0.00008	-81.32	45.96	0.00008
-84.85	42.43	0.00008	-91.92	35.36	0.00008
-98.99	28.28	0.00008	-106.07	21.21	0.00007
-113.14	14.14	0.00007	-120.21	7.07	0.00007
-127.28	0.00	0.00007	-134.35	-7.07	0.00007
14.14	127.28	0.00004	7.07	120.21	0.00005
0.00	113.14	0.00005	-7.07	106.07	0.00006
-14.14	98.99	0.00006	-21.21	91.92	0.00007
-28.28	84.85	0.00007	-35.36	77.78	0.00007
-38.89	74.25	0.00008	-42.43	70.71	0.00008
-44.55	68.59	0.00008	-45.96	67.18	0.00008
-47.38	65.76	0.00008	-48.79	64.35	0.00008
-50.20	62.93	0.00008	-62.93	50.20	0.00009
-64.35	48.79	0.00009	-65.76	47.38	0.00009
-67.18	45.96	0.00009	-68.59	44.55	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00009	-74.25	38.89	0.00009
-77.78	35.36	0.00009	-84.85	28.28	0.00008
-91.92	21.21	0.00008	-98.99	14.14	0.00008
-106.07	7.07	0.00008	-113.14	0.00	0.00008
-120.21	-7.07	0.00007	-127.28	-14.14	0.00007
21.21	120.21	0.00004	14.14	113.14	0.00005
7.07	106.07	0.00006	0.00	98.99	0.00006
-7.07	91.92	0.00007	-14.14	84.85	0.00007
-21.21	77.78	0.00008	-28.28	70.71	0.00008
-31.82	67.18	0.00008	-35.36	63.64	0.00008
-37.48	61.52	0.00009	-38.89	60.10	0.00009
-40.31	58.69	0.00009	-41.72	57.28	0.00009
-43.13	55.86	0.00009	-55.86	43.13	0.00009
-57.28	41.72	0.00010	-58.69	40.31	0.00010
-60.10	38.89	0.00010	-61.52	37.48	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00010	-67.18	31.82	0.00009
-70.71	28.28	0.00009	-77.78	21.21	0.00009
-84.85	14.14	0.00009	-91.92	7.07	0.00008
-98.99	0.00	0.00008	-106.07	-7.07	0.00008
-113.14	-14.14	0.00008	-120.21	-21.21	0.00008
28.28	113.14	0.00005	21.21	106.07	0.00005
14.14	98.99	0.00006	7.07	91.92	0.00007
0.00	84.85	0.00007	-7.07	77.78	0.00008
-14.14	70.71	0.00008	-21.21	63.64	0.00009
-24.75	60.10	0.00009	-28.28	56.57	0.00009
-30.41	54.45	0.00009	-31.82	53.03	0.00009
-33.23	51.62	0.00009	-34.65	50.20	0.00010
-36.06	48.79	0.00010	-48.79	36.06	0.00010
-50.20	34.65	0.00010	-51.62	33.23	0.00010
-53.03	31.82	0.00010	-54.45	30.41	0.00010
-56.57	28.28	0.00010	-60.10	24.75	0.00010
-63.64	21.21	0.00010	-70.71	14.14	0.00010
-77.78	7.07	0.00009	-84.85	0.00	0.00009
-91.92	-7.07	0.00009	-98.99	-14.14	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00008	-113.14	-28.28	0.00008
35.36	106.07	0.00005	28.28	98.99	0.00005
21.21	91.92	0.00006	14.14	84.85	0.00007
7.07	77.78	0.00008	0.00	70.71	0.00008
-7.07	63.64	0.00009	-14.14	56.57	0.00009
-17.68	53.03	0.00009	-21.21	49.50	0.00010
-23.33	47.38	0.00010	-24.75	45.96	0.00010
-26.16	44.55	0.00010	-27.58	43.13	0.00010
-28.99	41.72	0.00010	-41.72	28.99	0.00011
-43.13	27.58	0.00011	-44.55	26.16	0.00011
-45.96	24.75	0.00011	-47.38	23.33	0.00011
-49.50	21.21	0.00011	-53.03	17.68	0.00011
-56.57	14.14	0.00011	-63.64	7.07	0.00010
-70.71	0.00	0.00010	-77.78	-7.07	0.00010
-84.85	-14.14	0.00010	-91.92	-21.21	0.00009
-98.99	-28.28	0.00009	-106.07	-35.36	0.00009
42.43	98.99	0.00005	35.36	91.92	0.00006
28.28	84.85	0.00006	21.21	77.78	0.00007
14.14	70.71	0.00008	7.07	63.64	0.00009
0.00	56.57	0.00009	-7.07	49.50	0.00010
-10.61	45.96	0.00010	-14.14	42.43	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00011	-17.68	38.89	0.00011
-19.09	37.48	0.00011	-20.51	36.06	0.00011
-21.92	34.65	0.00011	-34.65	21.92	0.00012
-36.06	20.51	0.00012	-37.48	19.09	0.00012
-38.89	17.68	0.00012	-40.31	16.26	0.00012
-42.43	14.14	0.00012	-45.96	10.61	0.00012
-49.50	7.07	0.00012	-56.57	0.00	0.00011
-63.64	-7.07	0.00011	-70.71	-14.14	0.00011
-77.78	-21.21	0.00010	-84.85	-28.28	0.00010
-91.92	-35.36	0.00010	-98.99	-42.43	0.00009
49.50	91.92	0.00005	42.43	84.85	0.00006
35.36	77.78	0.00007	28.28	70.71	0.00008
21.21	63.64	0.00009	14.14	56.57	0.00009

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00010	0.00	42.43	0.00011
-3.54	38.89	0.00011	-7.07	35.36	0.00011
-9.19	33.23	0.00012	-10.61	31.82	0.00012
-12.02	30.41	0.00012	-13.44	28.99	0.00012
-14.85	27.58	0.00012	-27.58	14.85	0.00013
-28.99	13.44	0.00013	-30.41	12.02	0.00013
-31.82	10.61	0.00013	-33.23	9.19	0.00013
-35.36	7.07	0.00013	-38.89	3.54	0.00013
-42.43	0.00	0.00013	-49.50	-7.07	0.00012
-56.57	-14.14	0.00012	-63.64	-21.21	0.00011
-70.71	-28.28	0.00011	-77.78	-35.36	0.00011
-84.85	-42.43	0.00010	-91.92	-49.50	0.00010
56.57	84.85	0.00005	49.50	77.78	0.00006
42.43	70.71	0.00007	35.36	63.64	0.00008
28.28	56.57	0.00009	21.21	49.50	0.00010
14.14	42.43	0.00011	7.07	35.36	0.00012
3.54	31.82	0.00012	0.00	28.28	0.00013
-2.12	26.16	0.00013	-3.54	24.75	0.00013
-4.95	23.33	0.00013	-6.36	21.92	0.00013
-7.78	20.51	0.00013	-20.51	7.78	0.00015
-21.92	6.36	0.00015	-23.33	4.95	0.00015
-24.75	3.54	0.00015	-26.16	2.12	0.00015
-28.28	0.00	0.00014	-31.82	-3.54	0.00014
-35.36	-7.07	0.00014	-42.43	-14.14	0.00013
-49.50	-21.21	0.00013	-56.57	-28.28	0.00012
-63.64	-35.36	0.00012	-70.71	-42.43	0.00012
-77.78	-49.50	0.00011	-84.85	-56.57	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00006	56.57	70.71	0.00006
49.50	63.64	0.00007	42.43	56.57	0.00008
35.36	49.50	0.00010	28.28	42.43	0.00011
21.21	35.36	0.00012	14.14	28.28	0.00013
10.61	24.75	0.00013	7.07	21.21	0.00014
4.95	19.09	0.00014	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00015

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00015	-13.44	0.71	0.00016
-14.85	-0.71	0.00016	-16.26	-2.12	0.00016
-17.68	-3.54	0.00016	-19.09	-4.95	0.00016
-21.21	-7.07	0.00016	-24.75	-10.61	0.00016
-28.28	-14.14	0.00015	-35.36	-21.21	0.00015
-42.43	-28.28	0.00014	-49.50	-35.36	0.00014
-56.57	-42.43	0.00013	-63.64	-49.50	0.00013
-70.71	-56.57	0.00012	-77.78	-63.64	0.00011
70.71	70.71	0.00006	63.64	63.64	0.00007
56.57	56.57	0.00007	49.50	49.50	0.00009
42.43	42.43	0.00010	35.36	35.36	0.00012
28.28	28.28	0.00013	21.21	21.21	0.00014
17.68	17.68	0.00015	14.14	14.14	0.00015
12.02	12.02	0.00015	10.61	10.61	0.00016
9.19	9.19	0.00016	7.78	7.78	0.00016
6.36	6.36	0.00016	-6.36	-6.36	0.00018
-7.78	-7.78	0.00018	-9.19	-9.19	0.00018
-10.61	-10.61	0.00018	-12.02	-12.02	0.00018
-14.14	-14.14	0.00017	-17.68	-17.68	0.00017
-21.21	-21.21	0.00017	-28.28	-28.28	0.00016
-35.36	-35.36	0.00015	-42.43	-42.43	0.00015
-49.50	-49.50	0.00014	-56.57	-56.57	0.00014
-63.64	-63.64	0.00013	-70.71	-70.71	0.00012
77.78	63.64	0.00006	70.71	56.57	0.00007
63.64	49.50	0.00008	56.57	42.43	0.00009
49.50	35.36	0.00011	42.43	28.28	0.00012
35.36	21.21	0.00014	28.28	14.14	0.00016
24.75	10.61	0.00016	21.21	7.07	0.00017
19.09	4.95	0.00017	17.68	3.54	0.00017
16.26	2.12	0.00018	14.85	0.71	0.00018
13.44	-0.71	0.00018	0.71	-13.44	0.00020
-0.71	-14.85	0.00020	-2.12	-16.26	0.00020
-3.54	-17.68	0.00020	-4.95	-19.09	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00019	-10.61	-24.75	0.00019

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00018	-21.21	-35.36	0.00018
-28.28	-42.43	0.00017	-35.36	-49.50	0.00016
-42.43	-56.57	0.00016	-49.50	-63.64	0.00015
-56.57	-70.71	0.00014	-63.64	-77.78	0.00013
84.85	56.57	0.00006	77.78	49.50	0.00007
70.71	42.43	0.00008	63.64	35.36	0.00009
56.57	28.28	0.00011	49.50	21.21	0.00013
42.43	14.14	0.00015	35.36	7.07	0.00017
31.82	3.54	0.00018	28.28	0.00	0.00019
26.16	-2.12	0.00019	24.75	-3.54	0.00019
23.33	-4.95	0.00020	21.92	-6.36	0.00020
20.51	-7.78	0.00020	7.78	-20.51	0.00022
6.36	-21.92	0.00022	4.95	-23.33	0.00022
3.54	-24.75	0.00022	2.12	-26.16	0.00022
0.00	-28.28	0.00022	-3.54	-31.82	0.00021
-7.07	-35.36	0.00021	-14.14	-42.43	0.00020
-21.21	-49.50	0.00019	-28.28	-56.57	0.00018
-35.36	-63.64	0.00017	-42.43	-70.71	0.00016
-49.50	-77.78	0.00015	-56.57	-84.85	0.00013
91.92	49.50	0.00007	84.85	42.43	0.00008
77.78	35.36	0.00009	70.71	28.28	0.00010
63.64	21.21	0.00012	56.57	14.14	0.00014
49.50	7.07	0.00017	42.43	0.00	0.00019
38.89	-3.54	0.00020	35.36	-7.07	0.00021
33.23	-9.19	0.00021	31.82	-10.61	0.00022
30.41	-12.02	0.00022	28.99	-13.44	0.00023
27.58	-14.85	0.00023	14.85	-27.58	0.00025
13.44	-28.99	0.00025	12.02	-30.41	0.00025
10.61	-31.82	0.00025	9.19	-33.23	0.00025
7.07	-35.36	0.00024	3.54	-38.89	0.00024
0.00	-42.43	0.00023	-7.07	-49.50	0.00022
-14.14	-56.57	0.00021	-21.21	-63.64	0.00020
-28.28	-70.71	0.00019	-35.36	-77.78	0.00017
-42.43	-84.85	0.00016	-49.50	-91.92	0.00014
98.99	42.43	0.00007	91.92	35.36	0.00008
84.85	28.28	0.00009	77.78	21.21	0.00011
70.71	14.14	0.00013	63.64	7.07	0.00015
56.57	0.00	0.00018	49.50	-7.07	0.00021
45.96	-10.61	0.00023	42.43	-14.14	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00026
34.65	-21.92	0.00026	21.92	-34.65	0.00029
20.51	-36.06	0.00029	19.09	-37.48	0.00028
17.68	-38.89	0.00028	16.26	-40.31	0.00028
14.14	-42.43	0.00027	10.61	-45.96	0.00027
7.07	-49.50	0.00026	0.00	-56.57	0.00025
-7.07	-63.64	0.00024	-14.14	-70.71	0.00022
-21.21	-77.78	0.00020	-28.28	-84.85	0.00018
-35.36	-91.92	0.00016	-42.43	-98.99	0.00015
106.07	35.36	0.00007	98.99	28.28	0.00008
91.92	21.21	0.00010	84.85	14.14	0.00011
77.78	7.07	0.00013	70.71	0.00	0.00016
63.64	-7.07	0.00020	56.57	-14.14	0.00024
53.03	-17.68	0.00025	49.50	-21.21	0.00027
47.38	-23.33	0.00028	45.96	-24.75	0.00028
44.55	-26.16	0.00029	43.13	-27.58	0.00029
41.72	-28.99	0.00030	28.99	-41.72	0.00033
27.58	-43.13	0.00033	26.16	-44.55	0.00033
24.75	-45.96	0.00032	23.33	-47.38	0.00032
21.21	-49.50	0.00031	17.68	-53.03	0.00030
14.14	-56.57	0.00029	7.07	-63.64	0.00028
0.00	-70.71	0.00026	-7.07	-77.78	0.00024
-14.14	-84.85	0.00022	-21.21	-91.92	0.00020
-28.28	-98.99	0.00017	-35.36	-106.07	0.00015
113.14	28.28	0.00008	106.07	21.21	0.00009
98.99	14.14	0.00010	91.92	7.07	0.00012
84.85	0.00	0.00014	77.78	-7.07	0.00017
70.71	-14.14	0.00021	63.64	-21.21	0.00026
60.10	-24.75	0.00029	56.57	-28.28	0.00031
54.45	-30.41	0.00032	53.03	-31.82	0.00033
51.62	-33.23	0.00033	50.20	-34.65	0.00034
48.79	-36.06	0.00035	36.06	-48.79	0.00038
34.65	-50.20	0.00038	33.23	-51.62	0.00038
31.82	-53.03	0.00037	30.41	-54.45	0.00037
28.28	-56.57	0.00036	24.75	-60.10	0.00035
21.21	-63.64	0.00034	14.14	-70.71	0.00032
7.07	-77.78	0.00030	0.00	-84.85	0.00027
-7.07	-91.92	0.00024	-14.14	-98.99	0.00021



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00018 -28.28 -113.14 0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00008	113.14	14.14	0.00009
106.07	7.07	0.00011	98.99	0.00	0.00013
91.92	-7.07	0.00015	84.85	-14.14	0.00019
77.78	-21.21	0.00023	70.71	-28.28	0.00029
67.18	-31.82	0.00032	63.64	-35.36	0.00035
61.52	-37.48	0.00037	60.10	-38.89	0.00038
58.69	-40.31	0.00039	57.28	-41.72	0.00040
55.86	-43.13	0.00041	43.13	-55.86	0.00045
41.72	-57.28	0.00045	40.31	-58.69	0.00044
38.89	-60.10	0.00043	37.48	-61.52	0.00043
35.36	-63.64	0.00042	31.82	-67.18	0.00040
28.28	-70.71	0.00039	21.21	-77.78	0.00036
14.14	-84.85	0.00033	7.07	-91.92	0.00029
0.00	-98.99	0.00025	-7.07	-106.07	0.00022
-14.14	-113.14	0.00019	-21.21	-120.21	0.00017
127.28	14.14	0.00009	120.21	7.07	0.00010
113.14	0.00	0.00011	106.07	-7.07	0.00013
98.99	-14.14	0.00016	91.92	-21.21	0.00020
84.85	-28.28	0.00025	77.78	-35.36	0.00032
74.25	-38.89	0.00037	70.71	-42.43	0.00041
68.59	-44.55	0.00043	67.18	-45.96	0.00044
65.76	-47.38	0.00046	64.35	-48.79	0.00047
62.93	-50.20	0.00048	50.20	-62.93	0.00054
48.79	-64.35	0.00053	47.38	-65.76	0.00052
45.96	-67.18	0.00051	44.55	-68.59	0.00050
42.43	-70.71	0.00049	38.89	-74.25	0.00047
35.36	-77.78	0.00045	28.28	-84.85	0.00041
21.21	-91.92	0.00036	14.14	-98.99	0.00031
7.07	-106.07	0.00027	0.00	-113.14	0.00023
-7.07	-120.21	0.00020	-14.14	-127.28	0.00017
134.35	7.07	0.00009	127.28	0.00	0.00011
120.21	-7.07	0.00012	113.14	-14.14	0.00014
106.07	-21.21	0.00017	98.99	-28.28	0.00021

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00027	84.85	-42.43	0.00036
81.32	-45.96	0.00041	77.78	-49.50	0.00047
75.66	-51.62	0.00050	74.25	-53.03	0.00053
72.83	-54.45	0.00054	71.42	-55.86	0.00056
70.00	-57.28	0.00058	57.28	-70.00	0.00064
55.86	-71.42	0.00063	54.45	-72.83	0.00062
53.03	-74.25	0.00061	51.62	-75.66	0.00060

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00058	45.96	-81.32	0.00056
42.43	-84.85	0.00053	35.36	-91.92	0.00046
28.28	-98.99	0.00039	21.21	-106.07	0.00033
14.14	-113.14	0.00028	7.07	-120.21	0.00024
0.00	-127.28	0.00021	-7.07	-134.35	0.00018
141.42	0.00	0.00010	134.35	-7.07	0.00011
127.28	-14.14	0.00013	120.21	-21.21	0.00016
113.14	-28.28	0.00019	106.07	-35.36	0.00023
98.99	-42.43	0.00030	91.92	-49.50	0.00040
88.39	-53.03	0.00046	84.85	-56.57	0.00054
82.73	-58.69	0.00059	81.32	-60.10	0.00062
79.90	-61.52	0.00065	78.49	-62.93	0.00068
77.07	-64.35	0.00071	64.35	-77.07	0.00078
62.93	-78.49	0.00077	61.52	-79.90	0.00075
60.10	-81.32	0.00073	58.69	-82.73	0.00072
56.57	-84.85	0.00070	53.03	-88.39	0.00065
49.50	-91.92	0.00061	42.43	-98.99	0.00051
35.36	-106.07	0.00042	28.28	-113.14	0.00035
21.21	-120.21	0.00030	14.14	-127.28	0.00025
7.07	-134.35	0.00021	0.00	-141.42	0.00018
148.49	-7.07	0.00011	141.42	-14.14	0.00013
134.35	-21.21	0.00015	127.28	-28.28	0.00017
120.21	-35.36	0.00020	113.14	-42.43	0.00025
106.07	-49.50	0.00032	98.99	-56.57	0.00044
95.46	-60.10	0.00052	91.92	-63.64	0.00062
89.80	-65.76	0.00068	88.39	-67.18	0.00073
86.97	-68.59	0.00078	85.56	-70.00	0.00083



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00079	63.64	-120.21	0.00063
56.57	-127.28	0.00051	49.50	-134.35	0.00042
42.43	-141.42	0.00035	35.36	-148.49	0.00029
28.28	-155.56	0.00025	21.21	-162.63	0.00022
169.71	-28.28	0.00014	162.63	-35.36	0.00016
155.56	-42.43	0.00019	148.49	-49.50	0.00023
141.42	-56.57	0.00028	134.35	-63.64	0.00035
127.28	-70.71	0.00046	120.21	-77.78	0.00063
116.67	-81.32	0.00076	113.14	-84.85	0.00093
111.02	-86.97	0.00106	109.60	-88.39	0.00117
108.19	-89.80	0.00129	106.77	-91.22	0.00144
105.36	-92.63	0.00165	92.63	-105.36	0.00165
91.22	-106.77	0.00151	89.80	-108.19	0.00140
88.39	-109.60	0.00130	86.97	-111.02	0.00123
84.85	-113.14	0.00112	81.32	-116.67	0.00099
77.78	-120.21	0.00087	70.71	-127.28	0.00069
63.64	-134.35	0.00056	56.57	-141.42	0.00045
49.50	-148.49	0.00038	42.43	-155.56	0.00032
35.36	-162.63	0.00027	28.28	-169.71	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00015	169.71	-42.43	0.00017
162.63	-49.50	0.00021	155.56	-56.57	0.00025
148.49	-63.64	0.00031	141.42	-70.71	0.00040
134.35	-77.78	0.00054	127.28	-84.85	0.00077
123.74	-88.39	0.00097	120.21	-91.92	0.00127
118.09	-94.05	0.00153	116.67	-95.46	0.00175
115.26	-96.87	0.00204	113.84	-98.29	0.00243
112.43	-99.70	0.00296	99.70	-112.43	0.00208
98.29	-113.84	0.00182	96.87	-115.26	0.00163
95.46	-116.67	0.00149	94.05	-118.09	0.00138
91.92	-120.21	0.00124	88.39	-123.74	0.00107
84.85	-127.28	0.00094	77.78	-134.35	0.00074
70.71	-141.42	0.00059	63.64	-148.49	0.00048
56.57	-155.56	0.00040	49.50	-162.63	0.00034
42.43	-169.71	0.00029	35.36	-176.78	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00016	176.78	-49.50	0.00019
169.71	-56.57	0.00023	162.63	-63.64	0.00028
155.56	-70.71	0.00036	148.49	-77.78	0.00048
141.42	-84.85	0.00067	134.35	-91.92	0.00104
130.81	-95.46	0.00136	127.28	-98.99	0.00188
125.16	-101.12	0.00233	123.74	-102.53	0.00271
122.33	-103.94	0.00317	120.92	-105.36	0.00374
119.50	-106.77	0.00446	106.77	-119.50	0.00265
105.36	-120.92	0.00227	103.94	-122.33	0.00199
102.53	-123.74	0.00179	101.12	-125.16	0.00162
98.99	-127.28	0.00143	95.46	-130.81	0.00119
91.92	-134.35	0.00102	84.85	-141.42	0.00078
77.78	-148.49	0.00063	70.71	-155.56	0.00051
63.64	-162.63	0.00043	56.57	-169.71	0.00036
49.50	-176.78	0.00031	42.43	-183.85	0.00027
190.92	-49.50	0.00018	183.85	-56.57	0.00021
176.78	-63.64	0.00026	169.71	-70.71	0.00033
162.63	-77.78	0.00043	155.56	-84.85	0.00059
148.49	-91.92	0.00086	141.42	-98.99	0.00141
137.89	-102.53	0.00188	134.35	-106.07	0.00258
132.23	-108.19	0.00317	130.81	-109.60	0.00365
129.40	-111.02	0.00422	127.99	-112.43	0.00489
126.57	-113.84	0.00569	113.84	-126.57	0.00319
112.43	-127.99	0.00274	111.02	-129.40	0.00239
109.60	-130.81	0.00212	108.19	-132.23	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00165	102.53	-137.89	0.00134
98.99	-141.42	0.00112	91.92	-148.49	0.00083
84.85	-155.56	0.00066	77.78	-162.63	0.00054
70.71	-169.71	0.00045	63.64	-176.78	0.00038
56.57	-183.85	0.00032	49.50	-190.92	0.00028
197.99	-56.57	0.00019	190.92	-63.64	0.00024
183.85	-70.71	0.00030	176.78	-77.78	0.00039
169.71	-84.85	0.00052	162.63	-91.92	0.00073
155.56	-98.99	0.00110	148.49	-106.07	0.00182

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00240	141.42	-113.14	0.00324
139.30	-115.26	0.00391	137.89	-116.67	0.00445
136.47	-118.09	0.00508	135.06	-119.50	0.00580
133.64	-120.92	0.00663	120.92	-133.64	0.00365
119.50	-135.06	0.00314	118.09	-136.47	0.00275
116.67	-137.89	0.00243	115.26	-139.30	0.00218
113.14	-141.42	0.00187	109.60	-144.96	0.00149
106.07	-148.49	0.00123	98.99	-155.56	0.00090
91.92	-162.63	0.00070	84.85	-169.71	0.00056
77.78	-176.78	0.00047	70.71	-183.85	0.00039
63.64	-190.92	0.00033	56.57	-197.99	0.00029
205.06	-63.64	0.00022	197.99	-70.71	0.00027
190.92	-77.78	0.00034	183.85	-84.85	0.00045
176.78	-91.92	0.00062	169.71	-98.99	0.00089
162.63	-106.07	0.00136	155.56	-113.14	0.00221
152.03	-116.67	0.00288	148.49	-120.21	0.00381
146.37	-122.33	0.00453	144.96	-123.74	0.00510
143.54	-125.16	0.00574	142.13	-126.57	0.00647
140.71	-127.99	0.00730	127.99	-140.71	0.00400
126.57	-142.13	0.00344	125.16	-143.54	0.00302
123.74	-144.96	0.00268	122.33	-146.37	0.00240
120.21	-148.49	0.00206	116.67	-152.03	0.00164
113.14	-155.56	0.00134	106.07	-162.63	0.00098
98.99	-169.71	0.00075	91.92	-176.78	0.00059
84.85	-183.85	0.00048	77.78	-190.92	0.00041
70.71	-197.99	0.00035	63.64	-205.06	0.00030
212.13	-70.71	0.00024	205.06	-77.78	0.00030
197.99	-84.85	0.00039	190.92	-91.92	0.00052
183.85	-98.99	0.00073	176.78	-106.07	0.00106
169.71	-113.14	0.00162	162.63	-120.21	0.00257
159.10	-123.74	0.00329	155.56	-127.28	0.00427

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00502	152.03	-130.81	0.00559
150.61	-132.23	0.00623	149.20	-133.64	0.00694
147.79	-135.06	0.00776	135.06	-147.79	0.00422

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00364	132.23	-150.61	0.00320
130.81	-152.03	0.00284	129.40	-153.44	0.00255
127.28	-155.56	0.00220	123.74	-159.10	0.00176
120.21	-162.63	0.00145	113.14	-169.71	0.00105
106.07	-176.78	0.00080	98.99	-183.85	0.00063
91.92	-190.92	0.00051	84.85	-197.99	0.00042
77.78	-205.06	0.00036	70.71	-212.13	0.00031
219.20	-77.78	0.00027	212.13	-84.85	0.00034
205.06	-91.92	0.00045	197.99	-98.99	0.00060
190.92	-106.07	0.00085	183.85	-113.14	0.00123
176.78	-120.21	0.00184	169.71	-127.28	0.00287
166.17	-130.81	0.00364	162.63	-134.35	0.00465
160.51	-136.47	0.00539	159.10	-137.89	0.00596
157.68	-139.30	0.00658	156.27	-140.71	0.00727
154.86	-142.13	0.00805	142.13	-154.86	0.00433
140.71	-156.27	0.00374	139.30	-157.68	0.00330
137.89	-159.10	0.00295	136.47	-160.51	0.00266
134.35	-162.63	0.00231	130.81	-166.17	0.00187
127.28	-169.71	0.00155	120.21	-176.78	0.00112
113.14	-183.85	0.00085	106.07	-190.92	0.00067
98.99	-197.99	0.00054	91.92	-205.06	0.00044
84.85	-212.13	0.00036	77.78	-219.20	0.00031
226.27	-84.85	0.00030	219.20	-91.92	0.00039
212.13	-98.99	0.00051	205.06	-106.07	0.00069
197.99	-113.14	0.00096	190.92	-120.21	0.00138
183.85	-127.28	0.00204	176.78	-134.35	0.00311
173.24	-137.89	0.00390	169.71	-141.42	0.00492
167.58	-143.54	0.00566	166.17	-144.96	0.00622
164.76	-146.37	0.00683	163.34	-147.79	0.00750
161.93	-149.20	0.00824	149.20	-161.93	0.00437
147.79	-163.34	0.00382	146.37	-164.76	0.00339
144.96	-166.17	0.00306	143.54	-167.58	0.00277
141.42	-169.71	0.00242	137.89	-173.24	0.00197
134.35	-176.78	0.00164	127.28	-183.85	0.00118
120.21	-190.92	0.00088	113.14	-197.99	0.00068
106.07	-205.06	0.00055	98.99	-212.13	0.00044
91.92	-219.20	0.00037	84.85	-226.27	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
233.35	-91.92	0.00034		226.27	-98.99	0.00044	
219.20	-106.07	0.00058		212.13	-113.14	0.00078	
205.06	-120.21	0.00107		197.99	-127.28	0.00152	
190.92	-134.35	0.00220		183.85	-141.42	0.00330	
180.31	-144.96	0.00409		176.78	-148.49	0.00508	
174.66	-150.61	0.00580		173.24	-152.03	0.00633	
171.83	-153.44	0.00691		170.41	-154.86	0.00753	
169.00	-156.27	0.00817		156.27	-169.00	0.00435	
154.86	-170.41	0.00384		153.44	-171.83	0.00343	
152.03	-173.24	0.00309		150.61	-174.66	0.00281	
148.49	-176.78	0.00246		144.96	-180.31	0.00202	
141.42	-183.85	0.00168		134.35	-190.92	0.00121	
127.28	-197.99	0.00090		120.21	-205.06	0.00069	
113.14	-212.13	0.00055		106.07	-219.20	0.00045	
98.99	-226.27	0.00037		91.92	-233.35	0.00031	
240.42	-98.99	0.00038		233.35	-106.07	0.00049	
226.27	-113.14	0.00064		219.20	-120.21	0.00086	
212.13	-127.28	0.00117		205.06	-134.35	0.00162	
197.99	-141.42	0.00232		190.92	-148.49	0.00338	
187.38	-152.03	0.00411		183.85	-155.56	0.00499	
181.73	-157.68	0.00559		180.31	-159.10	0.00600	
178.90	-160.51	0.00640		177.48	-161.93	0.00678	
176.07	-163.34	0.00709		163.34	-176.07	0.00405	
161.93	-177.48	0.00367		160.51	-178.90	0.00334	
159.10	-180.31	0.00305		157.68	-181.73	0.00280	
155.56	-183.85	0.00247		152.03	-187.38	0.00203	
148.49	-190.92	0.00170		141.42	-197.99	0.00122	
134.35	-205.06	0.00091		127.28	-212.13	0.00070	
120.21	-219.20	0.00056		113.14	-226.27	0.00045	
106.07	-233.35	0.00037		98.99	-240.42	0.00031	
247.49	-106.07	0.00042		240.42	-113.14	0.00054	
233.35	-120.21	0.00070		226.27	-127.28	0.00092	
219.20	-134.35	0.00124		212.13	-141.42	0.00169	
205.06	-148.49	0.00235		197.99	-155.56	0.00331	
194.45	-159.10	0.00392		190.92	-162.63	0.00458	
188.80	-164.76	0.00498		187.38	-166.17	0.00523	
185.97	-167.58	0.00546		184.55	-169.00	0.00564	
183.14	-170.41	0.00575		170.41	-183.14	0.00360	
169.00	-184.55	0.00332		167.58	-185.97	0.00307	
166.17	-187.38	0.00285		164.76	-188.80	0.00265	



04/20/08

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00237	159.10	-194.45	0.00199
155.56	-197.99	0.00169	148.49	-205.06	0.00123
141.42	-212.13	0.00092	134.35	-219.20	0.00071
127.28	-226.27	0.00056	120.21	-233.35	0.00045
113.14	-240.42	0.00037	106.07	-247.49	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00003	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00004	-141.42	212.13	0.00004
-148.49	205.06	0.00004	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00005
-212.13	141.42	0.00005	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00003	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00004
-127.28	212.13	0.00004	-134.35	205.06	0.00004
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00006
-177.48	161.93	0.00006	-178.90	160.51	0.00006
-180.31	159.10	0.00006	-181.73	157.68	0.00006
-183.85	155.56	0.00006	-187.38	152.03	0.00006
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00005	-212.13	127.28	0.00005
-219.20	120.21	0.00005	-226.27	113.14	0.00005
-233.35	106.07	0.00005	-240.42	98.99	0.00005
-91.92	233.35	0.00004	-98.99	226.27	0.00004
-106.07	219.20	0.00004	-113.14	212.13	0.00004
-120.21	205.06	0.00005	-127.28	197.99	0.00005
-134.35	190.92	0.00005	-141.42	183.85	0.00005
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00006	-154.86	170.41	0.00006
-156.27	169.00	0.00006	-169.00	156.27	0.00006
-170.41	154.86	0.00006	-171.83	153.44	0.00006
-173.24	152.03	0.00006	-174.66	150.61	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00006	-180.31	144.96	0.00006
-183.85	141.42	0.00006	-190.92	134.35	0.00006
-197.99	127.28	0.00006	-205.06	120.21	0.00006
-212.13	113.14	0.00005	-219.20	106.07	0.00005
-226.27	99.00	0.00005	-233.35	91.92	0.00005
-84.85	226.27	0.00004	-91.92	219.20	0.00004
-98.99	212.13	0.00004	-106.07	205.06	0.00005
-113.14	197.99	0.00005	-120.21	190.92	0.00005
-127.28	183.85	0.00005	-134.35	176.78	0.00005
-137.89	173.24	0.00006	-141.42	169.71	0.00006
-143.54	167.58	0.00006	-144.96	166.17	0.00006
-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00006	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00005	-226.27	84.85	0.00005
-77.78	219.20	0.00004	-84.85	212.13	0.00004
-91.92	205.06	0.00005	-98.99	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00005
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00007
-156.27	140.71	0.00007	-157.68	139.30	0.00007
-159.10	137.89	0.00007	-160.51	136.47	0.00007
-162.63	134.35	0.00007	-166.17	130.81	0.00007
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	99.00	0.00006	-205.06	91.92	0.00006
-212.13	84.85	0.00006	-219.20	77.78	0.00006
-70.71	212.13	0.00004	-77.78	205.06	0.00004
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00005	-106.07	176.78	0.00006
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00007	-130.81	152.03	0.00007
-132.23	150.61	0.00007	-133.64	149.20	0.00007
-135.06	147.79	0.00007	-147.79	135.06	0.00007
-149.20	133.64	0.00007	-150.61	132.23	0.00007
-152.03	130.81	0.00007	-153.44	129.40	0.00007
-155.56	127.28	0.00007	-159.10	123.74	0.00007
-162.63	120.21	0.00007	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00006	-197.99	84.85	0.00006
-205.06	77.78	0.00006	-212.13	70.71	0.00006
-63.64	205.06	0.00004	-70.71	197.99	0.00005
-77.78	190.92	0.00005	-84.85	183.85	0.00005
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00007
-116.67	152.03	0.00007	-120.21	148.49	0.00007
-122.33	146.37	0.00007	-123.74	144.96	0.00007
-125.16	143.54	0.00007	-126.57	142.13	0.00007
-127.99	140.71	0.00007	-140.71	127.99	0.00008
-142.13	126.57	0.00008	-143.54	125.16	0.00008
-144.96	123.74	0.00008	-146.37	122.33	0.00008
-148.49	120.21	0.00008	-152.03	116.67	0.00008
-155.56	113.14	0.00008	-162.63	106.07	0.00007
-169.71	98.99	0.00007	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00006
-56.57	197.99	0.00004	-63.64	190.92	0.00005
-70.71	183.85	0.00005	-77.78	176.78	0.00006
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00008	-119.50	135.06	0.00008
-120.92	133.64	0.00008	-133.64	120.92	0.00008
-135.06	119.50	0.00008	-136.47	118.09	0.00008
-137.89	116.67	0.00008	-139.30	115.26	0.00008
-141.42	113.14	0.00008	-144.96	109.60	0.00008
-148.49	106.07	0.00008	-155.56	98.99	0.00008
-162.63	91.92	0.00008	-169.71	84.85	0.00007
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00007	-197.99	56.57	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00004	-56.57	183.85	0.00005
-63.64	176.78	0.00005	-70.71	169.71	0.00006

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00006	-84.85	155.56	0.00007
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00008	-106.07	134.35	0.00008
-108.19	132.23	0.00008	-109.60	130.81	0.00008
-111.02	129.40	0.00008	-112.43	127.99	0.00008
-113.84	126.57	0.00008	-126.57	113.84	0.00009
-127.99	112.43	0.00009	-129.40	111.02	0.00009
-130.81	109.60	0.00009	-132.23	108.19	0.00009
-134.35	106.07	0.00009	-137.89	102.53	0.00009
-141.42	98.99	0.00009	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00007	-190.92	49.50	0.00007
-42.43	183.85	0.00004	-49.50	176.78	0.00005
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00007	-77.78	148.49	0.00007
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00008	-98.99	127.28	0.00008
-101.12	125.16	0.00009	-102.53	123.74	0.00009
-103.94	122.33	0.00009	-105.36	120.92	0.00009
-106.77	119.50	0.00009	-119.50	106.77	0.00009
-120.92	105.36	0.00010	-122.33	103.94	0.00010
-123.74	102.53	0.00010	-125.16	101.12	0.00010
-127.28	98.99	0.00010	-130.81	95.46	0.00009
-134.35	91.92	0.00009	-141.42	84.85	0.00009
-148.49	77.78	0.00009	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00005
-49.50	162.63	0.00006	-56.57	155.56	0.00007
-63.64	148.49	0.00007	-70.71	141.42	0.00008
-77.78	134.35	0.00008	-84.85	127.28	0.00009
-88.39	123.74	0.00009	-91.92	120.21	0.00009
-94.05	118.09	0.00009	-95.46	116.67	0.00009
-96.87	115.26	0.00009	-98.29	113.84	0.00010
-99.70	112.43	0.00010	-112.43	99.70	0.00010
-113.84	98.29	0.00010	-115.26	96.87	0.00010
-116.67	95.46	0.00010	-118.09	94.05	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

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16NCRA PL91-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00010	-123.74	88.39	0.00010	
-127.28	84.85	0.00010	-134.35	77.78	0.00010	
-141.42	70.71	0.00009	-148.49	63.64	0.00009	
-155.56	56.57	0.00009	-162.63	49.50	0.00009	
-169.71	42.43	0.00008	-176.78	35.36	0.00008	
-28.28	169.71	0.00005	-35.36	162.63	0.00005	
-42.43	155.56	0.00006	-49.50	148.49	0.00007	
-56.57	141.42	0.00008	-63.64	134.35	0.00008	
-70.71	127.28	0.00009	-77.78	120.21	0.00009	
-81.32	116.67	0.00009	-84.85	113.14	0.00010	
-86.97	111.02	0.00010	-88.39	109.60	0.00010	
-89.80	108.19	0.00010	-91.22	106.77	0.00010	
-92.63	105.36	0.00010	-105.36	92.63	0.00011	
-106.77	91.22	0.00011	-108.19	89.80	0.00011	
-109.60	88.39	0.00011	-111.02	86.97	0.00011	
-113.14	84.85	0.00011	-116.67	81.32	0.00011	
-120.21	77.78	0.00011	-127.28	70.71	0.00010	
-134.35	63.64	0.00010	-141.42	56.57	0.00010	
-148.49	49.50	0.00010	-155.56	42.43	0.00009	
-162.63	35.36	0.00009	-169.71	28.28	0.00009	
-21.21	162.63	0.00005	-28.28	155.56	0.00006	
-35.36	148.49	0.00006	-42.43	141.42	0.00007	
-49.50	134.35	0.00008	-56.57	127.28	0.00009	
-63.64	120.21	0.00009	-70.71	113.14	0.00010	
-74.25	109.60	0.00010	-77.78	106.07	0.00011	
-79.90	103.94	0.00011	-81.32	102.53	0.00011	
-82.73	101.12	0.00011	-84.15	99.70	0.00011	
-85.56	98.29	0.00011	-98.29	85.56	0.00012	
-99.70	84.15	0.00012	-101.12	82.73	0.00012	
-102.53	81.32	0.00012	-103.94	79.90	0.00012	
-106.07	77.78	0.00012	-109.60	74.25	0.00012	
-113.14	70.71	0.00012	-120.21	63.64	0.00011	
-127.28	56.57	0.00011	-134.35	49.50	0.00011	
-141.42	42.43	0.00010	-148.49	35.36	0.00010	
-155.56	28.28	0.00010	-162.63	21.21	0.00009	
-14.14	155.56	0.00005	-21.21	148.49	0.00006	
-28.28	141.42	0.00007	-35.36	134.35	0.00008	
-42.43	127.28	0.00009	-49.50	120.21	0.00009	
-56.57	113.14	0.00010	-63.64	106.07	0.00011	
-67.18	102.53	0.00011	-70.71	98.99	0.00011	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00012	-74.25	95.46	0.00012
-75.66	94.05	0.00012	-77.07	92.63	0.00012
-78.49	91.22	0.00012	-91.22	78.49	0.00013
-92.63	77.07	0.00013	-94.05	75.66	0.00013
-95.46	74.25	0.00013	-96.87	72.83	0.00013
-98.99	70.71	0.00013	-102.53	67.18	0.00013
-106.07	63.64	0.00013	-113.14	56.57	0.00012
-120.21	49.50	0.00012	-127.28	42.43	0.00011
-134.35	35.36	0.00011	-141.42	28.28	0.00011
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00005	-14.14	141.42	0.00006
-21.21	134.35	0.00007	-28.28	127.28	0.00008
-35.36	120.21	0.00009	-42.43	113.14	0.00010
-49.50	106.07	0.00011	-56.57	98.99	0.00012
-60.10	95.46	0.00012	-63.64	91.92	0.00013
-65.76	89.80	0.00013	-67.18	88.39	0.00013
-68.59	86.97	0.00013	-70.00	85.56	0.00013
-71.42	84.15	0.00013	-84.15	71.42	0.00015
-85.56	70.00	0.00015	-86.97	68.59	0.00015
-88.39	67.18	0.00015	-89.80	65.76	0.00015
-91.92	63.64	0.00014	-95.46	60.10	0.00014
-98.99	56.57	0.00014	-106.07	49.50	0.00013
-113.14	42.43	0.00013	-120.21	35.36	0.00012
-127.28	28.28	0.00012	-134.35	21.21	0.00012
-141.42	14.14	0.00011	-148.49	7.07	0.00011
0.00	141.42	0.00006	-7.07	134.35	0.00006
-14.14	127.28	0.00007	-21.21	120.21	0.00008
-28.28	113.14	0.00010	-35.36	106.07	0.00011
-42.43	98.99	0.00012	-49.50	91.92	0.00013
-53.03	88.39	0.00013	-56.57	84.85	0.00014
-58.69	82.73	0.00014	-60.10	81.32	0.00014
-61.52	79.90	0.00014	-62.93	78.49	0.00015
-64.35	77.07	0.00015	-77.07	64.35	0.00016
-78.49	62.93	0.00016	-79.90	61.52	0.00016

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00016	-82.73	58.69	0.00016
-84.85	56.57	0.00016	-88.39	53.03	0.00016
-91.92	49.50	0.00015	-98.99	42.43	0.00015
-106.07	35.36	0.00014	-113.14	28.28	0.00014
-120.21	21.21	0.00013	-127.28	14.14	0.00013
-134.35	7.07	0.00012	-141.42	0.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00006	0.00	127.28	0.00007
-7.07	120.21	0.00007	-14.14	113.14	0.00009
-21.21	106.07	0.00010	-28.28	98.99	0.00012
-35.36	91.92	0.00013	-42.43	84.85	0.00014
-45.96	81.32	0.00015	-49.50	77.78	0.00015
-51.62	75.66	0.00015	-53.03	74.25	0.00016
-54.45	72.83	0.00016	-55.86	71.42	0.00016
-57.28	70.00	0.00016	-70.00	57.28	0.00018
-71.42	55.86	0.00018	-72.83	54.45	0.00018
-74.25	53.03	0.00018	-75.66	51.62	0.00018
-77.78	49.50	0.00017	-81.32	45.96	0.00017
-84.85	42.43	0.00017	-91.92	35.36	0.00016
-98.99	28.28	0.00015	-106.07	21.21	0.00015
-113.14	14.14	0.00014	-120.21	7.07	0.00014
-127.28	0.00	0.00013	-134.35	-7.07	0.00012
14.14	127.28	0.00006	7.07	120.21	0.00007
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00011	-21.21	91.92	0.00012
-28.28	84.85	0.00014	-35.36	77.78	0.00016
-38.89	74.25	0.00016	-42.43	70.71	0.00017
-44.55	68.59	0.00017	-45.96	67.18	0.00017
-47.38	65.76	0.00018	-48.79	64.35	0.00018
-50.20	62.93	0.00018	-62.93	50.20	0.00020
-64.35	48.79	0.00020	-65.76	47.38	0.00020
-67.18	45.96	0.00020	-68.59	44.55	0.00020
-70.71	42.43	0.00019	-74.25	38.89	0.00019
-77.78	35.36	0.00018	-84.85	28.28	0.00018
-91.92	21.21	0.00017	-98.99	14.14	0.00016



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00016	-113.14	0.00	0.00015
-120.21	-7.07	0.00014	-127.28	-14.14	0.00013
21.21	120.21	0.00006	14.14	113.14	0.00007
7.07	106.07	0.00008	0.00	98.99	0.00009
-7.07	91.92	0.00011	-14.14	84.85	0.00013
-21.21	77.78	0.00015	-28.28	70.71	0.00017
-31.82	67.18	0.00018	-35.36	63.64	0.00019
-37.48	61.52	0.00019	-38.89	60.10	0.00019
-40.31	58.69	0.00020	-41.72	57.28	0.00020
-43.13	55.86	0.00020	-55.86	43.13	0.00022
-57.28	41.72	0.00022	-58.69	40.31	0.00022
-60.10	38.89	0.00022	-61.52	37.48	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00022	-67.18	31.82	0.00021
-70.71	28.28	0.00021	-77.78	21.21	0.00020
-84.85	14.14	0.00019	-91.92	7.07	0.00018
-98.99	0.00	0.00017	-106.07	-7.07	0.00016
-113.14	-14.14	0.00015	-120.21	-21.21	0.00013
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00009	7.07	91.92	0.00010
0.00	84.85	0.00012	-7.07	77.78	0.00014
-14.14	70.71	0.00017	-21.21	63.64	0.00019
-24.75	60.10	0.00020	-28.28	56.57	0.00021
-30.41	54.45	0.00021	-31.82	53.03	0.00022
-33.23	51.62	0.00022	-34.65	50.20	0.00023
-36.06	48.79	0.00023	-48.79	36.06	0.00025
-50.20	34.65	0.00025	-51.62	33.23	0.00025
-53.03	31.82	0.00025	-54.45	30.41	0.00025
-56.57	28.28	0.00024	-60.10	24.75	0.00024
-63.64	21.21	0.00023	-70.71	14.14	0.00022
-77.78	7.07	0.00021	-84.85	0.00	0.00020
-91.92	-7.07	0.00019	-98.99	-14.14	0.00017
-106.07	-21.21	0.00016	-113.14	-28.28	0.00014
35.36	106.07	0.00007	28.28	98.99	0.00008
21.21	91.92	0.00009	14.14	84.85	0.00011

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00013	0.00	70.71	0.00015
-7.07	63.64	0.00018	-14.14	56.57	0.00021
-17.68	53.03	0.00023	-21.21	49.50	0.00024
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00026
-28.99	41.72	0.00026	-41.72	28.99	0.00029
-43.13	27.58	0.00029	-44.55	26.16	0.00028
-45.96	24.75	0.00028	-47.38	23.33	0.00028
-49.50	21.21	0.00027	-53.03	17.68	0.00027
-56.57	14.14	0.00026	-63.64	7.07	0.00025
-70.71	0.00	0.00024	-77.78	-7.07	0.00022
-84.85	-14.14	0.00020	-91.92	-21.21	0.00018
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00007	35.36	91.92	0.00008
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00013	7.07	63.64	0.00016
0.00	56.57	0.00020	-7.07	49.50	0.00024
-10.61	45.96	0.00025	-14.14	42.43	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 51

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00028	-17.68	38.89	0.00028
-19.09	37.48	0.00029	-20.51	36.06	0.00029
-21.92	34.65	0.00030	-34.65	21.92	0.00033
-36.06	20.51	0.00033	-37.48	19.09	0.00033
-38.89	17.68	0.00032	-40.31	16.26	0.00032
-42.43	14.14	0.00031	-45.96	10.61	0.00030
-49.50	7.07	0.00029	-56.57	0.00	0.00028
-63.64	-7.07	0.00026	-70.71	-14.14	0.00024
-77.78	-21.21	0.00022	-84.85	-28.28	0.00020
-91.92	-35.36	0.00017	-98.99	-42.43	0.00015
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00012
21.21	63.64	0.00014	14.14	56.57	0.00017
7.07	49.50	0.00021	0.00	42.43	0.00026
-3.54	38.89	0.00029	-7.07	35.36	0.00031
-9.19	33.23	0.00032	-10.61	31.82	0.00033

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00033	-13.44	28.99	0.00034
-14.85	27.58	0.00035	-27.58	14.85	0.00038
-28.99	13.44	0.00038	-30.41	12.02	0.00038
-31.82	10.61	0.00037	-33.23	9.19	0.00037
-35.36	7.07	0.00036	-38.89	3.54	0.00035
-42.43	0.00	0.00034	-49.50	-7.07	0.00032
-56.57	-14.14	0.00030	-63.64	-21.21	0.00027
-70.71	-28.28	0.00024	-77.78	-35.36	0.00021
-84.85	-42.43	0.00018	-91.92	-49.50	0.00016
56.57	84.85	0.00008	49.50	77.78	0.00009
42.43	70.71	0.00011	35.36	63.64	0.00013
28.28	56.57	0.00015	21.21	49.50	0.00019
14.14	42.43	0.00023	7.07	35.36	0.00029
3.54	31.82	0.00032	0.00	28.28	0.00035
-2.12	26.16	0.00037	-3.54	24.75	0.00038
-4.95	23.33	0.00039	-6.36	21.92	0.00040
-7.78	20.51	0.00041	-20.51	7.78	0.00045
-21.92	6.36	0.00045	-23.33	4.95	0.00044
-24.75	3.54	0.00043	-26.16	2.12	0.00043
-28.28	0.00	0.00042	-31.82	-3.54	0.00040
-35.36	-7.07	0.00039	-42.43	-14.14	0.00036
-49.50	-21.21	0.00033	-56.57	-28.28	0.00029
-63.64	-35.36	0.00025	-70.71	-42.43	0.00022
-77.78	-49.50	0.00019	-84.85	-56.57	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00013
35.36	49.50	0.00016	28.28	42.43	0.00020
21.21	35.36	0.00025	14.14	28.28	0.00032
10.61	24.75	0.00037	7.07	21.21	0.00041
4.95	19.09	0.00043	3.54	17.68	0.00044
2.12	16.26	0.00046	0.71	14.85	0.00047
-0.71	13.44	0.00048	-13.44	0.71	0.00054
-14.85	-0.71	0.00053	-16.26	-2.12	0.00052
-17.68	-3.54	0.00051	-19.09	-4.95	0.00050

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00049	-24.75	-10.61	0.00047
-28.28	-14.14	0.00045	-35.36	-21.21	0.00041
-42.43	-28.28	0.00036	-49.50	-35.36	0.00031
-56.57	-42.43	0.00027	-63.64	-49.50	0.00023
-70.71	-56.57	0.00020	-77.78	-63.64	0.00017
70.71	70.71	0.00009	63.64	63.64	0.00011
56.57	56.57	0.00012	49.50	49.50	0.00014
42.43	42.43	0.00017	35.36	35.36	0.00021
28.28	28.28	0.00027	21.21	21.21	0.00036
17.68	17.68	0.00041	14.14	14.14	0.00047
12.02	12.02	0.00050	10.61	10.61	0.00053
9.19	9.19	0.00054	7.78	7.78	0.00056
6.36	6.36	0.00058	-6.36	-6.36	0.00064
-7.78	-7.78	0.00063	-9.19	-9.19	0.00062
-10.61	-10.61	0.00061	-12.02	-12.02	0.00060
-14.14	-14.14	0.00058	-17.68	-17.68	0.00056
-21.21	-21.21	0.00053	-28.28	-28.28	0.00046
-35.36	-35.36	0.00039	-42.43	-42.43	0.00033
-49.50	-49.50	0.00028	-56.57	-56.57	0.00024
-63.64	-63.64	0.00021	-70.71	-70.71	0.00018
77.78	63.64	0.00010	70.71	56.57	0.00011
63.64	49.50	0.00013	56.57	42.43	0.00016
49.50	35.36	0.00019	42.43	28.28	0.00023
35.36	21.21	0.00030	28.28	14.14	0.00040
24.75	10.61	0.00046	21.21	7.07	0.00054
19.09	4.95	0.00059	17.68	3.54	0.00062
16.26	2.12	0.00065	14.85	0.71	0.00068
13.44	-0.71	0.00071	0.71	-13.44	0.00078
-0.71	-14.85	0.00077	-2.12	-16.26	0.00075
-3.54	-17.68	0.00073	-4.95	-19.09	0.00072

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 53  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00070	-10.61	-24.75	0.00065
-14.14	-28.28	0.00061	-21.21	-35.36	0.00051
-28.28	-42.43	0.00042	-35.36	-49.50	0.00035
-42.43	-56.57	0.00030	-49.50	-63.64	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00021	-63.64	-77.78	0.00018
84.85	56.57	0.00011	77.78	49.50	0.00013
70.71	42.43	0.00015	63.64	35.36	0.00017
56.57	28.28	0.00020	49.50	21.21	0.00025
42.43	14.14	0.00032	35.36	7.07	0.00044
31.82	3.54	0.00052	28.28	0.00	0.00062
26.16	-2.12	0.00068	24.75	-3.54	0.00073
23.33	-4.95	0.00078	21.92	-6.36	0.00083
20.51	-7.78	0.00087	7.78	-20.51	0.00097
6.36	-21.92	0.00094	4.95	-23.33	0.00092
3.54	-24.75	0.00089	2.12	-26.16	0.00086
0.00	-28.28	0.00082	-3.54	-31.82	0.00075
-7.07	-35.36	0.00068	-14.14	-42.43	0.00055
-21.21	-49.50	0.00045	-28.28	-56.57	0.00037
-35.36	-63.64	0.00031	-42.43	-70.71	0.00026
-49.50	-77.78	0.00022	-56.57	-84.85	0.00019
91.92	49.50	0.00012	84.85	42.43	0.00014
77.78	35.36	0.00016	70.71	28.28	0.00019
63.64	21.21	0.00023	56.57	14.14	0.00028
49.50	7.07	0.00036	42.43	0.00	0.00048
38.89	-3.54	0.00057	35.36	-7.07	0.00069
33.23	-9.19	0.00078	31.82	-10.61	0.00085
30.41	-12.02	0.00092	28.99	-13.44	0.00099
27.58	-14.85	0.00107	14.85	-27.58	0.00119
13.44	-28.99	0.00115	12.02	-30.41	0.00110
10.61	-31.82	0.00105	9.19	-33.23	0.00100
7.07	-35.36	0.00093	3.54	-38.89	0.00083
0.00	-42.43	0.00074	-7.07	-49.50	0.00059
-14.14	-56.57	0.00048	-21.21	-63.64	0.00039
-28.28	-70.71	0.00032	-35.36	-77.78	0.00027
-42.43	-84.85	0.00023	-49.50	-91.92	0.00020
98.99	42.43	0.00013	91.92	35.36	0.00015
84.85	28.28	0.00017	77.78	21.21	0.00021
70.71	14.14	0.00025	63.64	7.07	0.00032
56.57	0.00	0.00041	49.50	-7.07	0.00055
45.96	-10.61	0.00066	42.43	-14.14	0.00079

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00090	38.89	-17.68	0.00097
37.48	-19.09	0.00106	36.06	-20.51	0.00116
34.65	-21.92	0.00127	21.92	-34.65	0.00142
20.51	-36.06	0.00132	19.09	-37.48	0.00124
17.68	-38.89	0.00117	16.26	-40.31	0.00110
14.14	-42.43	0.00101	10.61	-45.96	0.00089
7.07	-49.50	0.00079	0.00	-56.57	0.00063
-7.07	-63.64	0.00051	-14.14	-70.71	0.00042
-21.21	-77.78	0.00035	-28.28	-84.85	0.00029
-35.36	-91.92	0.00025	-42.43	-98.99	0.00022
106.07	35.36	0.00014	98.99	28.28	0.00016
91.92	21.21	0.00019	84.85	14.14	0.00023
77.78	7.07	0.00028	70.71	0.00	0.00035
63.64	-7.07	0.00046	56.57	-14.14	0.00063
53.03	-17.68	0.00076	49.50	-21.21	0.00093
47.38	-23.33	0.00106	45.96	-24.75	0.00117
44.55	-26.16	0.00129	43.13	-27.58	0.00144
41.72	-28.99	0.00165	28.99	-41.72	0.00165
27.58	-43.13	0.00151	26.16	-44.55	0.00140
24.75	-45.96	0.00130	23.33	-47.38	0.00123
21.21	-49.50	0.00112	17.68	-53.03	0.00099
14.14	-56.57	0.00087	7.07	-63.64	0.00069
0.00	-70.71	0.00056	-7.07	-77.78	0.00045
-14.14	-84.85	0.00038	-21.21	-91.92	0.00032
-28.28	-98.99	0.00027	-35.36	-106.07	0.00024
113.14	28.28	0.00015	106.07	21.21	0.00017
98.99	14.14	0.00021	91.92	7.07	0.00025
84.85	0.00	0.00031	77.78	-7.07	0.00040
70.71	-14.14	0.00054	63.64	-21.21	0.00077
60.10	-24.75	0.00097	56.57	-28.28	0.00127
54.45	-30.41	0.00153	53.03	-31.82	0.00175
51.62	-33.23	0.00204	50.20	-34.65	0.00243
48.79	-36.06	0.00296	36.06	-48.79	0.00208
34.65	-50.20	0.00182	33.23	-51.62	0.00163
31.82	-53.03	0.00149	30.41	-54.45	0.00138
28.28	-56.57	0.00124	24.75	-60.10	0.00107
21.21	-63.64	0.00094	14.14	-70.71	0.00074
7.07	-77.78	0.00059	0.00	-84.85	0.00048
-7.07	-91.92	0.00040	-14.14	-98.99	0.00034
-21.21	-106.07	0.00029	-28.28	-113.14	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 55  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00016	113.14	14.14	0.00019	
106.07	7.07	0.00023	98.99	0.00	0.00028	
91.92	-7.07	0.00036	84.85	-14.14	0.00048	
77.78	-21.21	0.00067	70.71	-28.28	0.00104	
67.18	-31.82	0.00136	63.64	-35.36	0.00188	
61.52	-37.48	0.00233	60.10	-38.89	0.00271	
58.69	-40.31	0.00317	57.28	-41.72	0.00374	
55.86	-43.13	0.00446	43.13	-55.86	0.00265	
41.72	-57.28	0.00227	40.31	-58.69	0.00200	
38.89	-60.10	0.00179	37.48	-61.52	0.00162	
35.36	-63.64	0.00143	31.82	-67.18	0.00119	
28.28	-70.71	0.00102	21.21	-77.78	0.00078	
14.14	-84.85	0.00063	7.07	-91.92	0.00051	
0.00	-98.99	0.00043	-7.07	-106.07	0.00036	
-14.14	-113.14	0.00031	-21.21	-120.21	0.00027	
127.28	14.14	0.00018	120.21	7.07	0.00021	
113.14	0.00	0.00026	106.07	-7.07	0.00033	
98.99	-14.14	0.00043	91.92	-21.21	0.00059	
84.85	-28.28	0.00086	77.78	-35.36	0.00141	
74.25	-38.89	0.00188	70.71	-42.43	0.00258	
68.59	-44.55	0.00317	67.18	-45.96	0.00365	
65.76	-47.38	0.00422	64.35	-48.79	0.00489	
62.93	-50.20	0.00569	50.20	-62.93	0.00319	
48.79	-64.35	0.00274	47.38	-65.76	0.00239	
45.96	-67.18	0.00212	44.55	-68.59	0.00191	
42.43	-70.71	0.00165	38.89	-74.25	0.00134	
35.36	-77.78	0.00112	28.28	-84.85	0.00083	
21.21	-91.92	0.00066	14.14	-98.99	0.00054	
7.07	-106.07	0.00045	0.00	-113.14	0.00038	
-7.07	-120.21	0.00032	-14.14	-127.28	0.00028	
134.35	7.07	0.00019	127.28	0.00	0.00024	
120.21	-7.07	0.00030	113.14	-14.14	0.00039	
106.07	-21.21	0.00052	98.99	-28.28	0.00073	
91.92	-35.36	0.00110	84.85	-42.43	0.00182	
81.32	-45.96	0.00240	77.78	-49.50	0.00324	
75.66	-51.62	0.00391	74.25	-53.03	0.00445	

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00508	71.42	-55.86	0.00580
70.00	-57.28	0.00663	57.28	-70.00	0.00365
55.86	-71.42	0.00314	54.45	-72.83	0.00275
53.03	-74.25	0.00243	51.62	-75.66	0.00218

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 56  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00187	45.96	-81.32	0.00149
42.43	-84.85	0.00123	35.36	-91.92	0.00090
28.28	-98.99	0.00070	21.21	-106.07	0.00056
14.14	-113.14	0.00047	7.07	-120.21	0.00039
0.00	-127.28	0.00033	-7.07	-134.35	0.00029
141.42	0.00	0.00022	134.35	-7.07	0.00027
127.28	-14.14	0.00034	120.21	-21.21	0.00045
113.14	-28.28	0.00062	106.07	-35.36	0.00089
98.99	-42.43	0.00136	91.92	-49.50	0.00221
88.39	-53.03	0.00288	84.85	-56.57	0.00381
82.73	-58.69	0.00453	81.32	-60.10	0.00510
79.90	-61.52	0.00574	78.49	-62.93	0.00647
77.07	-64.35	0.00730	64.35	-77.07	0.00400
62.93	-78.49	0.00344	61.52	-79.90	0.00302
60.10	-81.32	0.00268	58.69	-82.73	0.00240
56.57	-84.85	0.00206	53.03	-88.39	0.00164
49.50	-91.92	0.00134	42.43	-98.99	0.00098
35.36	-106.07	0.00075	28.28	-113.14	0.00059
21.21	-120.21	0.00048	14.14	-127.28	0.00041
7.07	-134.35	0.00035	0.00	-141.42	0.00030
148.49	-7.07	0.00024	141.42	-14.14	0.00030
134.35	-21.21	0.00039	127.28	-28.28	0.00052
120.21	-35.36	0.00073	113.14	-42.43	0.00106
106.07	-49.50	0.00162	98.99	-56.57	0.00257
95.46	-60.10	0.00329	91.92	-63.64	0.00427
89.80	-65.76	0.00502	88.39	-67.18	0.00559
86.97	-68.59	0.00623	85.56	-70.00	0.00694
84.15	-71.42	0.00776	71.42	-84.15	0.00422
70.00	-85.56	0.00364	68.59	-86.97	0.00320
67.18	-88.39	0.00284	65.76	-89.80	0.00255



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00220	60.10	-95.46	0.00176
56.57	-98.99	0.00145	49.50	-106.07	0.00105
42.43	-113.14	0.00080	35.36	-120.21	0.00063
28.28	-127.28	0.00051	21.21	-134.35	0.00042
14.14	-141.42	0.00036	7.07	-148.49	0.00031
155.56	-14.14	0.00027	148.49	-21.21	0.00034
141.42	-28.28	0.00045	134.35	-35.36	0.00060
127.28	-42.43	0.00085	120.21	-49.50	0.00123
113.14	-56.57	0.00184	106.07	-63.64	0.00287
102.53	-67.18	0.00364	98.99	-70.71	0.00465

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00539	95.46	-74.25	0.00596
94.05	-75.66	0.00658	92.63	-77.07	0.00727
91.22	-78.49	0.00805	78.49	-91.22	0.00433
77.07	-92.63	0.00374	75.66	-94.05	0.00330
74.25	-95.46	0.00295	72.83	-96.87	0.00266
70.71	-98.99	0.00231	67.18	-102.53	0.00187
63.64	-106.07	0.00155	56.57	-113.14	0.00112
49.50	-120.21	0.00085	42.43	-127.28	0.00067
35.36	-134.35	0.00054	28.28	-141.42	0.00044
21.21	-148.49	0.00036	14.14	-155.56	0.00031
162.63	-21.21	0.00030	155.56	-28.28	0.00039
148.49	-35.36	0.00051	141.42	-42.43	0.00069
134.35	-49.50	0.00096	127.28	-56.57	0.00138
120.21	-63.64	0.00204	113.14	-70.71	0.00311
109.60	-74.25	0.00390	106.07	-77.78	0.00492
103.94	-79.90	0.00566	102.53	-81.32	0.00622
101.12	-82.73	0.00683	99.70	-84.15	0.00750
98.29	-85.56	0.00824	85.56	-98.29	0.00437
84.15	-99.70	0.00382	82.73	-101.12	0.00339
81.32	-102.53	0.00306	79.90	-103.94	0.00277
77.78	-106.07	0.00242	74.25	-109.60	0.00197
70.71	-113.14	0.00164	63.64	-120.21	0.00118
56.57	-127.28	0.00088	49.50	-134.35	0.00068
42.43	-141.42	0.00055	35.36	-148.49	0.00044

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00037	21.21	-162.63	0.00031
169.71	-28.28	0.00034	162.63	-35.36	0.00044
155.56	-42.43	0.00058	148.49	-49.50	0.00078
141.42	-56.57	0.00107	134.35	-63.64	0.00152
127.28	-70.71	0.00220	120.21	-77.78	0.00330
116.67	-81.32	0.00409	113.14	-84.85	0.00508
111.02	-86.97	0.00580	109.60	-88.39	0.00633
108.19	-89.80	0.00691	106.77	-91.22	0.00753
105.36	-92.63	0.00817	92.63	-105.36	0.00435
91.22	-106.77	0.00384	89.80	-108.19	0.00343
88.39	-109.60	0.00309	86.97	-111.02	0.00281
84.85	-113.14	0.00246	81.32	-116.67	0.00202
77.78	-120.21	0.00168	70.71	-127.28	0.00121
63.64	-134.35	0.00090	56.57	-141.42	0.00069
49.50	-148.49	0.00055	42.43	-155.56	0.00045
35.36	-162.63	0.00037	28.28	-169.71	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00038	169.71	-42.43	0.00049
162.63	-49.50	0.00064	155.56	-56.57	0.00086
148.49	-63.64	0.00117	141.42	-70.71	0.00162
134.35	-77.78	0.00232	127.28	-84.85	0.00338
123.74	-88.39	0.00411	120.21	-91.92	0.00499
118.09	-94.05	0.00559	116.67	-95.46	0.00600
115.26	-96.87	0.00640	113.84	-98.29	0.00678
112.43	-99.70	0.00709	99.70	-112.43	0.00405
98.29	-113.84	0.00367	96.87	-115.26	0.00334
95.46	-116.67	0.00305	94.05	-118.09	0.00280
91.92	-120.21	0.00247	88.39	-123.74	0.00203
84.85	-127.28	0.00170	77.78	-134.35	0.00122
70.71	-141.42	0.00091	63.64	-148.49	0.00070
56.57	-155.56	0.00056	49.50	-162.63	0.00045
42.43	-169.71	0.00037	35.36	-176.78	0.00031
183.85	-42.43	0.00042	176.78	-49.50	0.00054
169.71	-56.57	0.00070	162.63	-63.64	0.00092
155.56	-70.71	0.00124	148.49	-77.78	0.00169

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00235	134.35	-91.92	0.00331
130.81	-95.46	0.00392	127.28	-98.99	0.00458
125.16	-101.12	0.00498	123.74	-102.53	0.00523
122.33	-103.94	0.00546	120.92	-105.36	0.00564
119.50	-106.77	0.00575	106.77	-119.50	0.00360
105.36	-120.92	0.00332	103.94	-122.33	0.00307
102.53	-123.74	0.00285	101.12	-125.16	0.00265
98.99	-127.28	0.00237	95.46	-130.81	0.00199
91.92	-134.35	0.00169	84.85	-141.42	0.00123
77.78	-148.49	0.00092	70.71	-155.56	0.00071
63.64	-162.63	0.00056	56.57	-169.71	0.00045
49.50	-176.78	0.00037	42.43	-183.85	0.00031
190.92	-49.50	0.00045	183.85	-56.57	0.00058
176.78	-63.64	0.00074	169.71	-70.71	0.00097
162.63	-77.78	0.00128	155.56	-84.85	0.00171
148.49	-91.92	0.00231	141.42	-98.99	0.00310
137.89	-102.53	0.00356	134.35	-106.07	0.00402
132.23	-108.19	0.00427	130.81	-109.60	0.00442
129.40	-111.02	0.00453	127.99	-112.43	0.00461
126.57	-113.84	0.00463	113.84	-126.57	0.00311
112.43	-127.99	0.00292	111.02	-129.40	0.00274
109.60	-130.81	0.00257	108.19	-132.23	0.00241

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00220	102.53	-137.89	0.00188
98.99	-141.42	0.00162	91.92	-148.49	0.00122
84.85	-155.56	0.00093	77.78	-162.63	0.00072
70.71	-169.71	0.00056	63.64	-176.78	0.00045
56.57	-183.85	0.00037	49.50	-190.92	0.00031
197.99	-56.57	0.00048	190.92	-63.64	0.00061
183.85	-70.71	0.00078	176.78	-77.78	0.00100
169.71	-84.85	0.00129	162.63	-91.92	0.00169
155.56	-98.99	0.00220	148.49	-106.07	0.00282
144.96	-109.60	0.00316	141.42	-113.14	0.00347
139.30	-115.26	0.00362	137.89	-116.67	0.00370
136.47	-118.09	0.00375	135.06	-119.50	0.00377

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00376	120.92	-133.64	0.00268
119.50	-135.06	0.00253	118.09	-136.47	0.00240
116.67	-137.89	0.00227	115.26	-139.30	0.00215
113.14	-141.42	0.00199	109.60	-144.96	0.00174
106.07	-148.49	0.00152	98.99	-155.56	0.00117
91.92	-162.63	0.00091	84.85	-169.71	0.00072
77.78	-176.78	0.00057	70.71	-183.85	0.00046
63.64	-190.92	0.00038	56.57	-197.99	0.00031
205.06	-63.64	0.00051	197.99	-70.71	0.00063
190.92	-77.78	0.00080	183.85	-84.85	0.00101
176.78	-91.92	0.00128	169.71	-98.99	0.00162
162.63	-106.07	0.00205	155.56	-113.14	0.00253
152.03	-116.67	0.00277	148.49	-120.21	0.00298
146.37	-122.33	0.00307	144.96	-123.74	0.00310
143.54	-125.16	0.00312	142.13	-126.57	0.00312
140.71	-127.99	0.00310	127.99	-140.71	0.00230
126.57	-142.13	0.00220	125.16	-143.54	0.00209
123.74	-144.96	0.00200	122.33	-146.37	0.00191
120.21	-148.49	0.00178	116.67	-152.03	0.00158
113.14	-155.56	0.00141	106.07	-162.63	0.00111
98.99	-169.71	0.00088	91.92	-176.78	0.00070
84.85	-183.85	0.00057	77.78	-190.92	0.00046
70.71	-197.99	0.00038	63.64	-205.06	0.00032
212.13	-70.71	0.00053	205.06	-77.78	0.00065
197.99	-84.85	0.00080	190.92	-91.92	0.00100
183.85	-98.99	0.00124	176.78	-106.07	0.00154
169.71	-113.14	0.00188	162.63	-120.21	0.00226
159.10	-123.74	0.00243	155.56	-127.28	0.00256

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00260	152.03	-130.81	0.00262
150.61	-132.23	0.00262	149.20	-133.64	0.00261
147.79	-135.06	0.00258	135.06	-147.79	0.00199
133.64	-149.20	0.00191	132.23	-150.61	0.00183
130.81	-152.03	0.00176	129.40	-153.44	0.00168
127.28	-155.56	0.00158	123.74	-159.10	0.00143

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00129	113.14	-169.71	0.00105
106.07	-176.78	0.00084	98.99	-183.85	0.00068
91.92	-190.92	0.00056	84.85	-197.99	0.00046
77.78	-205.06	0.00038	70.71	-212.13	0.00032
219.20	-77.78	0.00054	212.13	-84.85	0.00066
205.06	-91.92	0.00080	197.99	-98.99	0.00098
190.92	-106.07	0.00119	183.85	-113.14	0.00144
176.78	-120.21	0.00172	169.71	-127.28	0.00201
166.17	-130.81	0.00213	162.63	-134.35	0.00221
160.51	-136.47	0.00223	159.10	-137.89	0.00223
157.68	-139.30	0.00223	156.27	-140.71	0.00221
154.86	-142.13	0.00219	142.13	-154.86	0.00173
140.71	-156.27	0.00167	139.30	-157.68	0.00161
137.89	-159.10	0.00155	136.47	-160.51	0.00149
134.35	-162.63	0.00141	130.81	-166.17	0.00128
127.28	-169.71	0.00117	120.21	-176.78	0.00097
113.14	-183.85	0.00080	106.07	-190.92	0.00066
98.99	-197.99	0.00054	91.92	-205.06	0.00045
84.85	-212.13	0.00038	77.78	-219.20	0.00032
226.27	-84.85	0.00055	219.20	-91.92	0.00066
212.13	-98.99	0.00079	205.06	-106.07	0.00094
197.99	-113.14	0.00113	190.92	-120.21	0.00134
183.85	-127.28	0.00157	176.78	-134.35	0.00179
173.24	-137.89	0.00187	169.71	-141.42	0.00191
167.58	-143.54	0.00192	166.17	-144.96	0.00192
164.76	-146.37	0.00191	163.34	-147.79	0.00189
161.93	-149.20	0.00187	149.20	-161.93	0.00151
147.79	-163.34	0.00146	146.37	-164.76	0.00142
144.96	-166.17	0.00137	143.54	-167.58	0.00133
141.42	-169.71	0.00126	137.89	-173.24	0.00116
134.35	-176.78	0.00106	127.28	-183.85	0.00090
120.21	-190.92	0.00076	113.14	-197.99	0.00063
106.07	-205.06	0.00053	98.99	-212.13	0.00044
91.92	-219.20	0.00037	84.85	-226.27	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00055	226.27	-98.99	0.00065
219.20	-106.07	0.00076	212.13	-113.14	0.00090
205.06	-120.21	0.00106	197.99	-127.28	0.00124
190.92	-134.35	0.00143	183.85	-141.42	0.00159
180.31	-144.96	0.00164	176.78	-148.49	0.00167
174.66	-150.61	0.00167	173.24	-152.03	0.00166
171.83	-153.44	0.00165	170.41	-154.86	0.00164
169.00	-156.27	0.00162	156.27	-169.00	0.00133
154.86	-170.41	0.00129	153.44	-171.83	0.00126
152.03	-173.24	0.00122	150.61	-174.66	0.00118
148.49	-176.78	0.00113	144.96	-180.31	0.00105
141.42	-183.85	0.00097	134.35	-190.92	0.00083
127.28	-197.99	0.00071	120.21	-205.06	0.00060
113.14	-212.13	0.00051	106.07	-219.20	0.00043
98.99	-226.27	0.00037	91.92	-233.35	0.00031
240.42	-98.99	0.00054	233.35	-106.07	0.00063
226.27	-113.14	0.00074	219.20	-120.21	0.00086
212.13	-127.28	0.00100	205.06	-134.35	0.00115
197.99	-141.42	0.00130	190.92	-148.49	0.00142
187.38	-152.03	0.00145	183.85	-155.56	0.00147
181.73	-157.68	0.00146	180.31	-159.10	0.00146
178.90	-160.51	0.00145	177.48	-161.93	0.00143
176.07	-163.34	0.00142	163.34	-176.07	0.00118
161.93	-177.48	0.00115	160.51	-178.90	0.00112
159.10	-180.31	0.00109	157.68	-181.73	0.00106
155.56	-183.85	0.00102	152.03	-187.38	0.00095
148.49	-190.92	0.00088	141.42	-197.99	0.00076
134.35	-205.06	0.00066	127.28	-212.13	0.00057
120.21	-219.20	0.00049	113.14	-226.27	0.00042
106.07	-233.35	0.00036	98.99	-240.42	0.00031
247.49	-106.07	0.00053	240.42	-113.14	0.00061
233.35	-120.21	0.00071	226.27	-127.28	0.00081
219.20	-134.35	0.00094	212.13	-141.42	0.00106
205.06	-148.49	0.00118	197.99	-155.56	0.00127
194.45	-159.10	0.00129	190.92	-162.63	0.00130
188.80	-164.76	0.00129	187.38	-166.17	0.00128
185.97	-167.58	0.00127	184.55	-169.00	0.00126
183.14	-170.41	0.00125	170.41	-183.14	0.00105
169.00	-184.55	0.00103	167.58	-185.97	0.00101
166.17	-187.38	0.00098	164.76	-188.80	0.00096

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00092	159.10	-194.45	0.00086	
155.56	-197.99	0.00081	148.49	-205.06	0.00071	
141.42	-212.13	0.00062	134.35	-219.20	0.00054	
127.28	-226.27	0.00047	120.21	-233.35	0.00040	
113.14	-240.42	0.00035	106.07	-247.49	0.00030	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00004	-113.14	240.42	0.00005	
-120.21	233.35	0.00006	-127.28	226.27	0.00006	
-134.35	219.20	0.00007	-141.42	212.13	0.00007	
-148.49	205.06	0.00008	-155.56	197.99	0.00008	
-159.10	194.45	0.00008	-162.63	190.92	0.00008	
-164.76	188.80	0.00009	-166.17	187.38	0.00009	
-167.58	185.97	0.00009	-169.00	184.55	0.00009	
-170.41	183.14	0.00009	-183.14	170.41	0.00009	
-184.55	169.00	0.00010	-185.97	167.58	0.00010	
-187.38	166.17	0.00010	-188.80	164.76	0.00010	
-190.92	162.63	0.00010	-194.45	159.10	0.00009	
-197.99	155.56	0.00009	-205.06	148.49	0.00009	
-212.13	141.42	0.00009	-219.20	134.35	0.00008	
-226.27	127.28	0.00008	-233.35	120.21	0.00008	
-240.42	113.14	0.00008	-247.49	106.07	0.00008	
-98.99	240.42	0.00005	-106.07	233.35	0.00005	
-113.14	226.27	0.00006	-120.21	219.20	0.00007	
-127.28	212.13	0.00007	-134.35	205.06	0.00008	
-141.42	197.99	0.00008	-148.49	190.92	0.00009	
-152.03	187.38	0.00009	-155.56	183.85	0.00009	
-157.68	181.73	0.00009	-159.10	180.31	0.00009	
-160.51	178.90	0.00009	-161.93	177.48	0.00010	
-163.34	176.07	0.00010	-176.07	163.34	0.00010	

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00010	-178.90	160.51	0.00010
-180.31	159.10	0.00010	-181.73	157.68	0.00010
-183.85	155.56	0.00010	-187.38	152.03	0.00010
-190.92	148.49	0.00010	-197.99	141.42	0.00010
-205.06	134.35	0.00009	-212.13	127.28	0.00009
-219.20	120.21	0.00009	-226.27	113.14	0.00009
-233.35	106.07	0.00008	-240.42	98.99	0.00008
-91.92	233.35	0.00005	-98.99	226.27	0.00005
-106.07	219.20	0.00006	-113.14	212.13	0.00007
-120.21	205.06	0.00008	-127.28	197.99	0.00008
-134.35	190.92	0.00009	-141.42	183.85	0.00009
-144.96	180.31	0.00009	-148.49	176.78	0.00010
-150.61	174.66	0.00010	-152.03	173.24	0.00010
-153.44	171.83	0.00010	-154.86	170.41	0.00010
-156.27	169.00	0.00010	-169.00	156.27	0.00011
-170.41	154.86	0.00011	-171.83	153.44	0.00011
-173.24	152.03	0.00011	-174.66	150.61	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00011	-180.31	144.96	0.00011
-183.85	141.42	0.00011	-190.92	134.35	0.00010
-197.99	127.28	0.00010	-205.06	120.21	0.00010
-212.13	113.14	0.00010	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00005	-91.92	219.20	0.00006
-98.99	212.13	0.00006	-106.07	205.06	0.00007
-113.14	197.99	0.00008	-120.21	190.92	0.00009
-127.28	183.85	0.00009	-134.35	176.78	0.00010
-137.89	173.24	0.00010	-141.42	169.71	0.00011
-143.54	167.58	0.00011	-144.96	166.17	0.00011
-146.37	164.76	0.00011	-147.79	163.34	0.00011
-149.20	161.93	0.00011	-161.93	149.20	0.00012
-163.34	147.79	0.00012	-164.76	146.37	0.00012
-166.17	144.96	0.00012	-167.58	143.54	0.00012
-169.71	141.42	0.00012	-173.24	137.89	0.00012
-176.78	134.35	0.00012	-183.85	127.28	0.00011





16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00007	-84.85	183.85	0.00008
-91.92	176.78	0.00010	-98.99	169.71	0.00011
-106.07	162.63	0.00012	-113.14	155.56	0.00013
-116.67	152.03	0.00013	-120.21	148.49	0.00014
-122.33	146.37	0.00014	-123.74	144.96	0.00014
-125.16	143.54	0.00014	-126.57	142.13	0.00015
-127.99	140.71	0.00015	-140.71	127.99	0.00016
-142.13	126.57	0.00016	-143.54	125.16	0.00016
-144.96	123.74	0.00016	-146.37	122.33	0.00016
-148.49	120.21	0.00016	-152.03	116.67	0.00016
-155.56	113.14	0.00015	-162.63	106.07	0.00015
-169.71	98.99	0.00014	-176.78	91.92	0.00014
-183.85	84.85	0.00013	-190.92	77.78	0.00013
-197.99	70.71	0.00012	-205.06	63.64	0.00011
-56.57	197.99	0.00006	-63.64	190.92	0.00007
-70.71	183.85	0.00007	-77.78	176.78	0.00009
-84.85	169.71	0.00010	-91.92	162.63	0.00012
-98.99	155.56	0.00013	-106.07	148.49	0.00014
-109.60	144.96	0.00015	-113.14	141.42	0.00015
-115.26	139.30	0.00015	-116.67	137.89	0.00016
-118.09	136.47	0.00016	-119.50	135.06	0.00016
-120.92	133.64	0.00016	-133.64	120.92	0.00018
-135.06	119.50	0.00018	-136.47	118.09	0.00018
-137.89	116.67	0.00018	-139.30	115.26	0.00018
-141.42	113.14	0.00017	-144.96	109.60	0.00017
-148.49	106.07	0.00017	-155.56	98.99	0.00016
-162.63	91.92	0.00015	-169.71	84.85	0.00015
-176.78	77.78	0.00014	-183.85	70.71	0.00014
-190.92	63.64	0.00013	-197.99	56.57	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00006	-56.57	183.85	0.00007
-63.64	176.78	0.00008	-70.71	169.71	0.00009
-77.78	162.63	0.00011	-84.85	155.56	0.00012
-91.92	148.49	0.00014	-98.99	141.42	0.00016
-102.53	137.89	0.00016	-106.07	134.35	0.00017

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00017	-109.60	130.81	0.00017
-111.02	129.40	0.00018	-112.43	127.99	0.00018
-113.84	126.57	0.00018	-126.57	113.84	0.00020
-127.99	112.43	0.00020	-129.40	111.02	0.00020
-130.81	109.60	0.00020	-132.23	108.19	0.00020
-134.35	106.07	0.00019	-137.89	102.53	0.00019
-141.42	98.99	0.00018	-148.49	91.92	0.00018
-155.56	84.85	0.00017	-162.63	77.78	0.00016
-169.71	70.71	0.00016	-176.78	63.64	0.00015
-183.85	56.57	0.00014	-190.92	49.50	0.00013
-42.43	183.85	0.00006	-49.50	176.78	0.00007
-56.57	169.71	0.00008	-63.64	162.63	0.00009
-70.71	155.56	0.00011	-77.78	148.49	0.00013
-84.85	141.42	0.00015	-91.92	134.35	0.00017
-95.46	130.81	0.00018	-98.99	127.28	0.00019
-101.12	125.16	0.00019	-102.53	123.74	0.00019
-103.94	122.33	0.00020	-105.36	120.92	0.00020
-106.77	119.50	0.00020	-119.50	106.77	0.00022
-120.92	105.36	0.00022	-122.33	103.94	0.00022
-123.74	102.53	0.00022	-125.16	101.12	0.00022
-127.28	98.99	0.00022	-130.81	95.46	0.00021
-134.35	91.92	0.00021	-141.42	84.85	0.00020
-148.49	77.78	0.00019	-155.56	70.71	0.00018
-162.63	63.64	0.00017	-169.71	56.57	0.00016
-176.78	49.50	0.00015	-183.85	42.43	0.00013
-35.36	176.78	0.00007	-42.43	169.71	0.00008
-49.50	162.63	0.00009	-56.57	155.56	0.00010
-63.64	148.49	0.00012	-70.71	141.42	0.00014
-77.78	134.35	0.00017	-84.85	127.28	0.00019
-88.39	123.74	0.00020	-91.92	120.21	0.00021
-94.05	118.09	0.00021	-95.46	116.67	0.00022
-96.87	115.26	0.00022	-98.29	113.84	0.00023
-99.70	112.43	0.00023	-112.43	99.70	0.00025
-113.84	98.29	0.00025	-115.26	96.87	0.00025
-116.67	95.46	0.00025	-118.09	94.05	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:09:05  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00024	-123.74	88.39	0.00024
-127.28	84.85	0.00023	-134.35	77.78	0.00022
-141.42	70.71	0.00021	-148.49	63.64	0.00020
-155.56	56.57	0.00019	-162.63	49.50	0.00017
-169.71	42.43	0.00016	-176.78	35.36	0.00014
-28.28	169.71	0.00007	-35.36	162.63	0.00008
-42.43	155.56	0.00009	-49.50	148.49	0.00011
-56.57	141.42	0.00013	-63.64	134.35	0.00015
-70.71	127.28	0.00018	-77.78	120.21	0.00021
-81.32	116.67	0.00023	-84.85	113.14	0.00024
-86.97	111.02	0.00024	-88.39	109.60	0.00025
-89.80	108.19	0.00025	-91.22	106.77	0.00026
-92.63	105.36	0.00026	-105.36	92.63	0.00029
-106.77	91.22	0.00029	-108.19	89.80	0.00028
-109.60	88.39	0.00028	-111.02	86.97	0.00028
-113.14	84.85	0.00027	-116.67	81.32	0.00027
-120.21	77.78	0.00026	-127.28	70.71	0.00025
-134.35	63.64	0.00024	-141.42	56.57	0.00022
-148.49	49.50	0.00020	-155.56	42.43	0.00018
-162.63	35.36	0.00016	-169.71	28.28	0.00015
-21.21	162.63	0.00007	-28.28	155.56	0.00008
-35.36	148.49	0.00010	-42.43	141.42	0.00011
-49.50	134.35	0.00013	-56.57	127.28	0.00016
-63.64	120.21	0.00020	-70.71	113.14	0.00024
-74.25	109.60	0.00025	-77.78	106.07	0.00027
-79.90	103.94	0.00028	-81.32	102.53	0.00028
-82.73	101.12	0.00029	-84.15	99.70	0.00029
-85.56	98.29	0.00030	-98.29	85.56	0.00033
-99.70	84.15	0.00033	-101.12	82.73	0.00033
-102.53	81.32	0.00032	-103.94	79.90	0.00032
-106.07	77.78	0.00031	-109.60	74.25	0.00030
-113.14	70.71	0.00029	-120.21	63.64	0.00028
-127.28	56.57	0.00026	-134.35	49.50	0.00024
-141.42	42.43	0.00022	-148.49	35.36	0.00020
-155.56	28.28	0.00017	-162.63	21.21	0.00015
-14.14	155.56	0.00008	-21.21	148.49	0.00009
-28.28	141.42	0.00010	-35.36	134.35	0.00012
-42.43	127.28	0.00014	-49.50	120.21	0.00017
-56.57	113.14	0.00021	-63.64	106.07	0.00026
-67.18	102.53	0.00029	-70.71	98.99	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00032	-74.25	95.46	0.00033
-75.66	94.05	0.00033	-77.07	92.63	0.00034
-78.49	91.22	0.00035	-91.22	78.49	0.00038
-92.63	77.07	0.00038	-94.05	75.66	0.00038
-95.46	74.25	0.00037	-96.87	72.83	0.00037
-98.99	70.71	0.00036	-102.53	67.18	0.00035
-106.07	63.64	0.00034	-113.14	56.57	0.00032
-120.21	49.50	0.00030	-127.28	42.43	0.00027
-134.35	35.36	0.00024	-141.42	28.28	0.00021
-148.49	21.21	0.00018	-155.56	14.14	0.00016
-7.07	148.49	0.00008	-14.14	141.42	0.00009
-21.21	134.35	0.00011	-28.28	127.28	0.00013
-35.36	120.21	0.00015	-42.43	113.14	0.00019
-49.50	106.07	0.00023	-56.57	98.99	0.00029
-60.10	95.46	0.00032	-63.64	91.92	0.00035
-65.76	89.80	0.00037	-67.18	88.39	0.00038
-68.59	86.97	0.00039	-70.00	85.56	0.00040
-71.42	84.15	0.00041	-84.15	71.42	0.00045
-85.56	70.00	0.00045	-86.97	68.59	0.00044
-88.39	67.18	0.00043	-89.80	65.76	0.00043
-91.92	63.64	0.00042	-95.46	60.10	0.00040
-98.99	56.57	0.00039	-106.07	49.50	0.00036
-113.14	42.43	0.00033	-120.21	35.36	0.00029
-127.28	28.28	0.00025	-134.35	21.21	0.00022
-141.42	14.14	0.00019	-148.49	7.07	0.00017
0.00	141.42	0.00009	-7.07	134.35	0.00010
-14.14	127.28	0.00011	-21.21	120.21	0.00013
-28.28	113.14	0.00016	-35.36	106.07	0.00020
-42.43	98.99	0.00025	-49.50	91.92	0.00032
-53.03	88.39	0.00037	-56.57	84.85	0.00041
-58.69	82.73	0.00043	-60.10	81.32	0.00044
-61.52	79.90	0.00046	-62.93	78.49	0.00047
-64.35	77.07	0.00048	-77.07	64.35	0.00054
-78.49	62.93	0.00053	-79.90	61.52	0.00052
-81.32	60.10	0.00051	-82.73	58.69	0.00050
-84.85	56.57	0.00049	-88.39	53.03	0.00047
-91.92	49.50	0.00045	-98.99	42.43	0.00041

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00036	-113.14	28.28	0.00031
-120.21	21.21	0.00027	-127.28	14.14	0.00023
-134.35	7.07	0.00020	-141.42	0.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00009	0.00	127.28	0.00011
-7.07	120.21	0.00012	-14.14	113.14	0.00014
-21.21	106.07	0.00017	-28.28	98.99	0.00021
-35.36	91.92	0.00027	-42.43	84.85	0.00036
-45.96	81.32	0.00041	-49.50	77.78	0.00047
-51.62	75.66	0.00050	-53.03	74.25	0.00053
-54.45	72.83	0.00054	-55.86	71.42	0.00056
-57.28	70.00	0.00058	-70.00	57.28	0.00064
-71.42	55.86	0.00063	-72.83	54.45	0.00062
-74.25	53.03	0.00061	-75.66	51.62	0.00060
-77.78	49.50	0.00058	-81.32	45.96	0.00056
-84.85	42.43	0.00053	-91.92	35.36	0.00046
-98.99	28.28	0.00039	-106.07	21.21	0.00033
-113.14	14.14	0.00028	-120.21	7.07	0.00024
-127.28	0.00	0.00021	-134.35	-7.07	0.00018
14.14	127.28	0.00010	7.07	120.21	0.00011
0.00	113.14	0.00013	-7.07	106.07	0.00016
-14.14	98.99	0.00019	-21.21	91.92	0.00023
-28.28	84.85	0.00030	-35.36	77.78	0.00040
-38.89	74.25	0.00046	-42.43	70.71	0.00054
-44.55	68.59	0.00059	-45.96	67.18	0.00062
-47.38	65.76	0.00065	-48.79	64.35	0.00068
-50.20	62.93	0.00071	-62.93	50.20	0.00078
-64.35	48.79	0.00077	-65.76	47.38	0.00075
-67.18	45.96	0.00073	-68.59	44.55	0.00072
-70.71	42.43	0.00070	-74.25	38.89	0.00065
-77.78	35.36	0.00061	-84.85	28.28	0.00051
-91.92	21.21	0.00042	-98.99	14.14	0.00035
-106.07	7.07	0.00030	-113.14	0.00	0.00025
-120.21	-7.07	0.00021	-127.28	-14.14	0.00018
21.21	120.21	0.00011	14.14	113.14	0.00013

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00015	0.00	98.99	0.00017
-7.07	91.92	0.00020	-14.14	84.85	0.00025
-21.21	77.78	0.00032	-28.28	70.71	0.00044
-31.82	67.18	0.00052	-35.36	63.64	0.00062
-37.48	61.52	0.00068	-38.89	60.10	0.00073
-40.31	58.69	0.00078	-41.72	57.28	0.00083
-43.13	55.86	0.00087	-55.86	43.13	0.00097
-57.28	41.72	0.00094	-58.69	40.31	0.00092
-60.10	38.89	0.00089	-61.52	37.48	0.00086

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00082	-67.18	31.82	0.00075
-70.71	28.28	0.00068	-77.78	21.21	0.00055
-84.85	14.14	0.00045	-91.92	7.07	0.00037
-98.99	0.00	0.00031	-106.07	-7.07	0.00026
-113.14	-14.14	0.00022	-120.21	-21.21	0.00019
28.28	113.14	0.00012	21.21	106.07	0.00014
14.14	98.99	0.00016	7.07	91.92	0.00019
0.00	84.85	0.00023	-7.07	77.78	0.00028
-14.14	70.71	0.00036	-21.21	63.64	0.00048
-24.75	60.10	0.00057	-28.28	56.57	0.00069
-30.41	54.45	0.00078	-31.82	53.03	0.00085
-33.23	51.62	0.00092	-34.65	50.20	0.00099
-36.06	48.79	0.00107	-48.79	36.06	0.00119
-50.20	34.65	0.00115	-51.62	33.23	0.00110
-53.03	31.82	0.00105	-54.45	30.41	0.00100
-56.57	28.28	0.00093	-60.10	24.75	0.00083
-63.64	21.21	0.00074	-70.71	14.14	0.00059
-77.78	7.07	0.00048	-84.85	0.00	0.00039
-91.92	-7.07	0.00032	-98.99	-14.14	0.00027
-106.07	-21.21	0.00023	-113.14	-28.28	0.00020
35.36	106.07	0.00013	28.28	98.99	0.00015
21.21	91.92	0.00017	14.14	84.85	0.00021
7.07	77.78	0.00025	0.00	70.71	0.00032
-7.07	63.64	0.00041	-14.14	56.57	0.00055
-17.68	53.03	0.00066	-21.21	49.50	0.00079

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00090	-24.75	45.96	0.00097
-26.16	44.55	0.00106	-27.58	43.13	0.00116
-28.99	41.72	0.00127	-41.72	28.99	0.00142
-43.13	27.58	0.00132	-44.55	26.16	0.00124
-45.96	24.75	0.00117	-47.38	23.33	0.00110
-49.50	21.21	0.00101	-53.03	17.68	0.00089
-56.57	14.14	0.00079	-63.64	7.07	0.00063
-70.71	0.00	0.00051	-77.78	-7.07	0.00042
-84.85	-14.14	0.00035	-91.92	-21.21	0.00029
-98.99	-28.28	0.00025	-106.07	-35.36	0.00022
42.43	98.99	0.00014	35.36	91.92	0.00016
28.28	84.85	0.00019	21.21	77.78	0.00023
14.14	70.71	0.00028	7.07	63.64	0.00035
0.00	56.57	0.00046	-7.07	49.50	0.00063
-10.61	45.96	0.00076	-14.14	42.43	0.00093

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00106	-17.68	38.89	0.00117
-19.09	37.48	0.00129	-20.51	36.06	0.00144
-21.92	34.65	0.00165	-34.65	21.92	0.00165
-36.06	20.51	0.00151	-37.48	19.09	0.00140
-38.89	17.68	0.00130	-40.31	16.26	0.00123
-42.43	14.14	0.00112	-45.96	10.61	0.00099
-49.50	7.07	0.00087	-56.57	0.00	0.00069
-63.64	-7.07	0.00056	-70.71	-14.14	0.00045
-77.78	-21.21	0.00038	-84.85	-28.28	0.00032
-91.92	-35.36	0.00027	-98.99	-42.43	0.00024
49.50	91.92	0.00015	42.43	84.85	0.00017
35.36	77.78	0.00021	28.28	70.71	0.00025
21.21	63.64	0.00031	14.14	56.57	0.00040
7.07	49.50	0.00054	0.00	42.43	0.00077
-3.54	38.89	0.00097	-7.07	35.36	0.00127
-9.19	33.23	0.00153	-10.61	31.82	0.00175
-12.02	30.41	0.00204	-13.44	28.99	0.00243
-14.85	27.58	0.00296	-27.58	14.85	0.00208
-28.99	13.44	0.00182	-30.41	12.02	0.00163



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00149	-33.23	9.19	0.00138
-35.36	7.07	0.00124	-38.89	3.54	0.00107
-42.43	0.00	0.00094	-49.50	-7.07	0.00074
-56.57	-14.14	0.00059	-63.64	-21.21	0.00048
-70.71	-28.28	0.00040	-77.78	-35.36	0.00034
-84.85	-42.43	0.00029	-91.92	-49.50	0.00025
56.57	84.85	0.00016	49.50	77.78	0.00019
42.43	70.71	0.00023	35.36	63.64	0.00028
28.28	56.57	0.00036	21.21	49.50	0.00048
14.14	42.43	0.00067	7.07	35.36	0.00104
3.54	31.82	0.00136	0.00	28.28	0.00188
-2.12	26.16	0.00233	-3.54	24.75	0.00271
-4.95	23.33	0.00317	-6.36	21.92	0.00374
-7.78	20.51	0.00446	-20.51	7.78	0.00265
-21.92	6.36	0.00227	-23.33	4.95	0.00200
-24.75	3.54	0.00179	-26.16	2.12	0.00162
-28.28	0.00	0.00143	-31.82	-3.54	0.00119
-35.36	-7.07	0.00102	-42.43	-14.14	0.00078
-49.50	-21.21	0.00063	-56.57	-28.28	0.00051
-63.64	-35.36	0.00043	-70.71	-42.43	0.00036
-77.78	-49.50	0.00031	-84.85	-56.57	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00018	56.57	70.71	0.00021
49.50	63.64	0.00026	42.43	56.57	0.00033
35.36	49.50	0.00043	28.28	42.43	0.00059
21.21	35.36	0.00086	14.14	28.28	0.00141
10.61	24.75	0.00188	7.07	21.21	0.00258
4.95	19.09	0.00317	3.54	17.68	0.00365
2.12	16.26	0.00422	0.71	14.85	0.00489
-0.71	13.44	0.00569	-13.44	0.71	0.00319
-14.85	-0.71	0.00274	-16.26	-2.12	0.00239
-17.68	-3.54	0.00212	-19.09	-4.95	0.00191
-21.21	-7.07	0.00165	-24.75	-10.61	0.00134
-28.28	-14.14	0.00112	-35.36	-21.21	0.00083
-42.43	-28.28	0.00066	-49.50	-35.36	0.00054

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00045	-63.64	-49.50	0.00038
-70.71	-56.57	0.00032	-77.78	-63.64	0.00028
70.71	70.71	0.00019	63.64	63.64	0.00024
56.57	56.57	0.00030	49.50	49.50	0.00039
42.43	42.43	0.00052	35.36	35.36	0.00073
28.28	28.28	0.00110	21.21	21.21	0.00182
17.68	17.68	0.00240	14.14	14.14	0.00324
12.02	12.02	0.00391	10.61	10.61	0.00445
9.19	9.19	0.00508	7.78	7.78	0.00580
6.36	6.36	0.00663	-6.36	-6.36	0.00365
-7.78	-7.78	0.00314	-9.19	-9.19	0.00275
-10.61	-10.61	0.00243	-12.02	-12.02	0.00218
-14.14	-14.14	0.00187	-17.68	-17.68	0.00149
-21.21	-21.21	0.00123	-28.28	-28.28	0.00090
-35.36	-35.36	0.00070	-42.43	-42.43	0.00056
-49.50	-49.50	0.00047	-56.57	-56.57	0.00039
-63.64	-63.64	0.00033	-70.71	-70.71	0.00029
77.78	63.64	0.00022	70.71	56.57	0.00027
63.64	49.50	0.00034	56.57	42.43	0.00045
49.50	35.36	0.00062	42.43	28.28	0.00089
35.36	21.21	0.00136	28.28	14.14	0.00221
24.75	10.61	0.00288	21.21	7.07	0.00381
19.09	4.95	0.00453	17.68	3.54	0.00510
16.26	2.12	0.00574	14.85	0.71	0.00647
13.44	-0.71	0.00730	0.71	-13.44	0.00400
-0.71	-14.85	0.00344	-2.12	-16.26	0.00302
-3.54	-17.68	0.00268	-4.95	-19.09	0.00240

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00206	-10.61	-24.75	0.00164
-14.14	-28.28	0.00134	-21.21	-35.36	0.00097
-28.28	-42.43	0.00075	-35.36	-49.50	0.00059
-42.43	-56.57	0.00048	-49.50	-63.64	0.00041
-56.57	-70.71	0.00035	-63.64	-77.78	0.00030
84.85	56.57	0.00024	77.78	49.50	0.00030
70.71	42.43	0.00039	63.64	35.36	0.00052

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00073	49.50	21.21	0.00106
42.43	14.14	0.00162	35.36	7.07	0.00257
31.82	3.54	0.00329	28.28	0.00	0.00427
26.16	-2.12	0.00502	24.75	-3.54	0.00559
23.33	-4.95	0.00623	21.92	-6.36	0.00694
20.51	-7.78	0.00776	7.78	-20.51	0.00422
6.36	-21.92	0.00364	4.95	-23.33	0.00320
3.54	-24.75	0.00284	2.12	-26.16	0.00255
0.00	-28.28	0.00220	-3.54	-31.82	0.00176
-7.07	-35.36	0.00145	-14.14	-42.43	0.00105
-21.21	-49.50	0.00080	-28.28	-56.57	0.00063
-35.36	-63.64	0.00051	-42.43	-70.71	0.00042
-49.50	-77.78	0.00036	-56.57	-84.85	0.00031
91.92	49.50	0.00027	84.85	42.43	0.00034
77.78	35.36	0.00045	70.71	28.28	0.00060
63.64	21.21	0.00085	56.57	14.14	0.00123
49.50	7.07	0.00184	42.43	0.00	0.00287
38.89	-3.54	0.00364	35.36	-7.07	0.00465
33.23	-9.19	0.00539	31.82	-10.61	0.00596
30.41	-12.02	0.00658	28.99	-13.44	0.00727
27.58	-14.85	0.00805	14.85	-27.58	0.00433
13.44	-28.99	0.00374	12.02	-30.41	0.00330
10.61	-31.82	0.00295	9.19	-33.23	0.00266
7.07	-35.36	0.00231	3.54	-38.89	0.00187
0.00	-42.43	0.00155	-7.07	-49.50	0.00112
-14.14	-56.57	0.00085	-21.21	-63.64	0.00067
-28.28	-70.71	0.00054	-35.36	-77.78	0.00044
-42.43	-84.85	0.00036	-49.50	-91.92	0.00031
98.99	42.43	0.00030	91.92	35.36	0.00039
84.85	28.28	0.00051	77.78	21.21	0.00069
70.71	14.14	0.00096	63.64	7.07	0.00138
56.57	0.00	0.00204	49.50	-7.07	0.00311
45.96	-10.61	0.00390	42.43	-14.14	0.00492

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00566	38.89	-17.68	0.00622

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00683	36.06	-20.51	0.00750
34.65	-21.92	0.00824	21.92	-34.65	0.00437
20.51	-36.06	0.00382	19.09	-37.48	0.00339
17.68	-38.89	0.00306	16.26	-40.31	0.00277
14.14	-42.43	0.00242	10.61	-45.96	0.00197
7.07	-49.50	0.00164	0.00	-56.57	0.00118
-7.07	-63.64	0.00088	-14.14	-70.71	0.00068
-21.21	-77.78	0.00055	-28.28	-84.85	0.00044
-35.36	-91.92	0.00037	-42.43	-98.99	0.00031
106.07	35.36	0.00034	98.99	28.28	0.00044
91.92	21.21	0.00058	84.85	14.14	0.00078
77.78	7.07	0.00107	70.71	0.00	0.00152
63.64	-7.07	0.00220	56.57	-14.14	0.00330
53.03	-17.68	0.00409	49.50	-21.21	0.00508
47.38	-23.33	0.00580	45.96	-24.75	0.00633
44.55	-26.16	0.00691	43.13	-27.58	0.00753
41.72	-28.99	0.00817	28.99	-41.72	0.00435
27.58	-43.13	0.00384	26.16	-44.55	0.00343
24.75	-45.96	0.00309	23.33	-47.38	0.00281
21.21	-49.50	0.00246	17.68	-53.03	0.00202
14.14	-56.57	0.00168	7.07	-63.64	0.00121
0.00	-70.71	0.00090	-7.07	-77.78	0.00069
-14.14	-84.85	0.00055	-21.21	-91.92	0.00045
-28.28	-98.99	0.00037	-35.36	-106.07	0.00031
113.14	28.28	0.00038	106.07	21.21	0.00049
98.99	14.14	0.00064	91.92	7.07	0.00086
84.85	0.00	0.00117	77.78	-7.07	0.00162
70.71	-14.14	0.00232	63.64	-21.21	0.00338
60.10	-24.75	0.00411	56.57	-28.28	0.00499
54.45	-30.41	0.00559	53.03	-31.82	0.00600
51.62	-33.23	0.00640	50.20	-34.65	0.00678
48.79	-36.06	0.00709	36.06	-48.79	0.00405
34.65	-50.20	0.00367	33.23	-51.62	0.00334
31.82	-53.03	0.00305	30.41	-54.45	0.00280
28.28	-56.57	0.00247	24.75	-60.10	0.00203
21.21	-63.64	0.00170	14.14	-70.71	0.00122
7.07	-77.78	0.00091	0.00	-84.85	0.00070
-7.07	-91.92	0.00056	-14.14	-98.99	0.00045
-21.21	-106.07	0.00037	-28.28	-113.14	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00042	113.14	14.14	0.00054	
106.07	7.07	0.00070	98.99	0.00	0.00092	
91.92	-7.07	0.00124	84.85	-14.14	0.00169	
77.78	-21.21	0.00235	70.71	-28.28	0.00331	
67.18	-31.82	0.00392	63.64	-35.36	0.00458	
61.52	-37.48	0.00498	60.10	-38.89	0.00523	
58.69	-40.31	0.00546	57.28	-41.72	0.00564	
55.86	-43.13	0.00575	43.13	-55.86	0.00360	
41.72	-57.28	0.00332	40.31	-58.69	0.00307	
38.89	-60.10	0.00285	37.48	-61.52	0.00265	
35.36	-63.64	0.00237	31.82	-67.18	0.00199	
28.28	-70.71	0.00169	21.21	-77.78	0.00123	
14.14	-84.85	0.00092	7.07	-91.92	0.00071	
0.00	-98.99	0.00056	-7.07	-106.07	0.00045	
-14.14	-113.14	0.00037	-21.21	-120.21	0.00031	
127.28	14.14	0.00045	120.21	7.07	0.00058	
113.14	0.00	0.00074	106.07	-7.07	0.00097	
98.99	-14.14	0.00128	91.92	-21.21	0.00171	
84.85	-28.28	0.00231	77.78	-35.36	0.00310	
74.25	-38.89	0.00356	70.71	-42.43	0.00402	
68.59	-44.55	0.00427	67.18	-45.96	0.00442	
65.76	-47.38	0.00453	64.35	-48.79	0.00461	
62.93	-50.20	0.00463	50.20	-62.93	0.00311	
48.79	-64.35	0.00292	47.38	-65.76	0.00274	
45.96	-67.18	0.00257	44.55	-68.59	0.00241	
42.43	-70.71	0.00220	38.89	-74.25	0.00188	
35.36	-77.78	0.00162	28.28	-84.85	0.00122	
21.21	-91.92	0.00093	14.14	-98.99	0.00072	
7.07	-106.07	0.00056	0.00	-113.14	0.00045	
-7.07	-120.21	0.00037	-14.14	-127.28	0.00031	
134.35	7.07	0.00048	127.28	0.00	0.00061	
120.21	-7.07	0.00078	113.14	-14.14	0.00100	
106.07	-21.21	0.00129	98.99	-28.28	0.00169	
91.92	-35.36	0.00220	84.85	-42.43	0.00282	
81.32	-45.96	0.00316	77.78	-49.50	0.00347	
75.66	-51.62	0.00362	74.25	-53.03	0.00370	
72.83	-54.45	0.00375	71.42	-55.86	0.00377	
70.00	-57.28	0.00376	57.28	-70.00	0.00268	
55.86	-71.42	0.00253	54.45	-72.83	0.00240	

53.03 -74.25 0.00227 51.62 -75.66 0.00215

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00199	45.96	-81.32	0.00174
42.43	-84.85	0.00152	35.36	-91.92	0.00117
28.28	-98.99	0.00091	21.21	-106.07	0.00072
14.14	-113.14	0.00057	7.07	-120.21	0.00046
0.00	-127.28	0.00038	-7.07	-134.35	0.00031
141.42	0.00	0.00051	134.35	-7.07	0.00063
127.28	-14.14	0.00080	120.21	-21.21	0.00101
113.14	-28.28	0.00128	106.07	-35.36	0.00162
98.99	-42.43	0.00205	91.92	-49.50	0.00253
88.39	-53.03	0.00277	84.85	-56.57	0.00298
82.73	-58.69	0.00307	81.32	-60.10	0.00310
79.90	-61.52	0.00312	78.49	-62.93	0.00312
77.07	-64.35	0.00310	64.35	-77.07	0.00230
62.93	-78.49	0.00220	61.52	-79.90	0.00209
60.10	-81.32	0.00200	58.69	-82.73	0.00191
56.57	-84.85	0.00178	53.03	-88.39	0.00158
49.50	-91.92	0.00141	42.43	-98.99	0.00111
35.36	-106.07	0.00088	28.28	-113.14	0.00070
21.21	-120.21	0.00057	14.14	-127.28	0.00046
7.07	-134.35	0.00038	0.00	-141.42	0.00032
148.49	-7.07	0.00053	141.42	-14.14	0.00065
134.35	-21.21	0.00080	127.28	-28.28	0.00100
120.21	-35.36	0.00124	113.14	-42.43	0.00154
106.07	-49.50	0.00188	98.99	-56.57	0.00226
95.46	-60.10	0.00243	91.92	-63.64	0.00256
89.80	-65.76	0.00260	88.39	-67.18	0.00262
86.97	-68.59	0.00262	85.56	-70.00	0.00261
84.15	-71.42	0.00258	71.42	-84.15	0.00199
70.00	-85.56	0.00191	68.59	-86.97	0.00183
67.18	-88.39	0.00176	65.76	-89.80	0.00168
63.64	-91.92	0.00158	60.10	-95.46	0.00143
56.57	-98.99	0.00129	49.50	-106.07	0.00105
42.43	-113.14	0.00084	35.36	-120.21	0.00068

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00056	21.21	-134.35	0.00046
14.14	-141.42	0.00038	7.07	-148.49	0.00032
155.56	-14.14	0.00054	148.49	-21.21	0.00066
141.42	-28.28	0.00080	134.35	-35.36	0.00098
127.28	-42.43	0.00119	120.21	-49.50	0.00144
113.14	-56.57	0.00172	106.07	-63.64	0.00201
102.53	-67.18	0.00213	98.99	-70.71	0.00221

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00223	95.46	-74.25	0.00223
94.05	-75.66	0.00223	92.63	-77.07	0.00221
91.22	-78.49	0.00219	78.49	-91.22	0.00173
77.07	-92.63	0.00167	75.66	-94.05	0.00161
74.25	-95.46	0.00155	72.83	-96.87	0.00149
70.71	-98.99	0.00141	67.18	-102.53	0.00128
63.64	-106.07	0.00117	56.57	-113.14	0.00097
49.50	-120.21	0.00080	42.43	-127.28	0.00066
35.36	-134.35	0.00054	28.28	-141.42	0.00045
21.21	-148.49	0.00038	14.14	-155.56	0.00032
162.63	-21.21	0.00055	155.56	-28.28	0.00066
148.49	-35.36	0.00079	141.42	-42.43	0.00094
134.35	-49.50	0.00113	127.28	-56.57	0.00134
120.21	-63.64	0.00157	113.14	-70.71	0.00179
109.60	-74.25	0.00187	106.07	-77.78	0.00191
103.94	-79.90	0.00192	102.53	-81.32	0.00192
101.12	-82.73	0.00191	99.70	-84.15	0.00189
98.29	-85.56	0.00187	85.56	-98.29	0.00151
84.15	-99.70	0.00146	82.73	-101.12	0.00142
81.32	-102.53	0.00137	79.90	-103.94	0.00133
77.78	-106.07	0.00126	74.25	-109.60	0.00116
70.71	-113.14	0.00106	63.64	-120.21	0.00090
56.57	-127.28	0.00076	49.50	-134.35	0.00063
42.43	-141.42	0.00053	35.36	-148.49	0.00044
28.28	-155.56	0.00037	21.21	-162.63	0.00032
169.71	-28.28	0.00055	162.63	-35.36	0.00065
155.56	-42.43	0.00076	148.49	-49.50	0.00090

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00106	134.35	-63.64	0.00124
127.28	-70.71	0.00143	120.21	-77.78	0.00159
116.67	-81.32	0.00164	113.14	-84.85	0.00167
111.02	-86.97	0.00167	109.60	-88.39	0.00166
108.19	-89.80	0.00165	106.77	-91.22	0.00164
105.36	-92.63	0.00162	92.63	-105.36	0.00133
91.22	-106.77	0.00129	89.80	-108.19	0.00126
88.39	-109.60	0.00122	86.97	-111.02	0.00118
84.85	-113.14	0.00113	81.32	-116.67	0.00105
77.78	-120.21	0.00097	70.71	-127.28	0.00083
63.64	-134.35	0.00071	56.57	-141.42	0.00060
49.50	-148.49	0.00051	42.43	-155.56	0.00043
35.36	-162.63	0.00037	28.28	-169.71	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00054	169.71	-42.43	0.00063
162.63	-49.50	0.00074	155.56	-56.57	0.00086
148.49	-63.64	0.00100	141.42	-70.71	0.00115
134.35	-77.78	0.00130	127.28	-84.85	0.00142
123.74	-88.39	0.00145	120.21	-91.92	0.00147
118.09	-94.05	0.00146	116.67	-95.46	0.00146
115.26	-96.87	0.00145	113.84	-98.29	0.00143
112.43	-99.70	0.00142	99.70	-112.43	0.00118
98.29	-113.84	0.00115	96.87	-115.26	0.00112
95.46	-116.67	0.00109	94.05	-118.09	0.00106
91.92	-120.21	0.00102	88.39	-123.74	0.00095
84.85	-127.28	0.00088	77.78	-134.35	0.00076
70.71	-141.42	0.00066	63.64	-148.49	0.00057
56.57	-155.56	0.00049	49.50	-162.63	0.00042
42.43	-169.71	0.00036	35.36	-176.78	0.00031
183.85	-42.43	0.00053	176.78	-49.50	0.00061
169.71	-56.57	0.00071	162.63	-63.64	0.00081
155.56	-70.71	0.00094	148.49	-77.78	0.00106
141.42	-84.85	0.00118	134.35	-91.92	0.00127
130.81	-95.46	0.00129	127.28	-98.99	0.00130
125.16	-101.12	0.00129	123.74	-102.53	0.00128



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00127	120.92	-105.36	0.00126
119.50	-106.77	0.00125	106.77	-119.50	0.00105
105.36	-120.92	0.00103	103.94	-122.33	0.00101
102.53	-123.74	0.00098	101.12	-125.16	0.00096
98.99	-127.28	0.00092	95.46	-130.81	0.00086
91.92	-134.35	0.00081	84.85	-141.42	0.00071
77.78	-148.49	0.00062	70.71	-155.56	0.00054
63.64	-162.63	0.00047	56.57	-169.71	0.00040
49.50	-176.78	0.00035	42.43	-183.85	0.00030
190.92	-49.50	0.00052	183.85	-56.57	0.00059
176.78	-63.64	0.00068	169.71	-70.71	0.00077
162.63	-77.78	0.00088	155.56	-84.85	0.00098
148.49	-91.92	0.00108	141.42	-98.99	0.00114
137.89	-102.53	0.00115	134.35	-106.07	0.00115
132.23	-108.19	0.00115	130.81	-109.60	0.00114
129.40	-111.02	0.00113	127.99	-112.43	0.00112
126.57	-113.84	0.00111	113.84	-126.57	0.00095
112.43	-127.99	0.00093	111.02	-129.40	0.00091
109.60	-130.81	0.00089	108.19	-132.23	0.00087

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00083	102.53	-137.89	0.00078
98.99	-141.42	0.00074	91.92	-148.49	0.00065
84.85	-155.56	0.00058	77.78	-162.63	0.00051
70.71	-169.71	0.00045	63.64	-176.78	0.00039
56.57	-183.85	0.00034	49.50	-190.92	0.00029
197.99	-56.57	0.00050	190.92	-63.64	0.00057
183.85	-70.71	0.00065	176.78	-77.78	0.00073
169.71	-84.85	0.00082	162.63	-91.92	0.00091
155.56	-98.99	0.00099	148.49	-106.07	0.00103
144.96	-109.60	0.00104	141.42	-113.14	0.00103
139.30	-115.26	0.00103	137.89	-116.67	0.00102
136.47	-118.09	0.00101	135.06	-119.50	0.00100
133.64	-120.92	0.00099	120.92	-133.64	0.00086
119.50	-135.06	0.00084	118.09	-136.47	0.00082
116.67	-137.89	0.00080	115.26	-139.30	0.00079

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00076	109.60	-144.96	0.00072
106.07	-148.49	0.00068	98.99	-155.56	0.00060
91.92	-162.63	0.00054	84.85	-169.71	0.00048
77.78	-176.78	0.00042	70.71	-183.85	0.00037
63.64	-190.92	0.00033	56.57	-197.99	0.00029
205.06	-63.64	0.00048	197.99	-70.71	0.00055
190.92	-77.78	0.00062	183.85	-84.85	0.00069
176.78	-91.92	0.00077	169.71	-98.99	0.00084
162.63	-106.07	0.00090	155.56	-113.14	0.00093
152.03	-116.67	0.00094	148.49	-120.21	0.00093
146.37	-122.33	0.00092	144.96	-123.74	0.00092
143.54	-125.16	0.00091	142.13	-126.57	0.00090
140.71	-127.99	0.00089	127.99	-140.71	0.00078
126.57	-142.13	0.00076	125.16	-143.54	0.00075
123.74	-144.96	0.00073	122.33	-146.37	0.00072
120.21	-148.49	0.00070	116.67	-152.03	0.00066
113.14	-155.56	0.00062	106.07	-162.63	0.00056
98.99	-169.71	0.00050	91.92	-176.78	0.00045
84.85	-183.85	0.00040	77.78	-190.92	0.00036
70.71	-197.99	0.00032	63.64	-205.06	0.00028
212.13	-70.71	0.00047	205.06	-77.78	0.00052
197.99	-84.85	0.00059	190.92	-91.92	0.00065
183.85	-98.99	0.00072	176.78	-106.07	0.00078
169.71	-113.14	0.00083	162.63	-120.21	0.00085
159.10	-123.74	0.00085	155.56	-127.28	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00084	152.03	-130.81	0.00083
150.61	-132.23	0.00082	149.20	-133.64	0.00082
147.79	-135.06	0.00081	135.06	-147.79	0.00071
133.64	-149.20	0.00070	132.23	-150.61	0.00068
130.81	-152.03	0.00067	129.40	-153.44	0.00066
127.28	-155.56	0.00064	123.74	-159.10	0.00061
120.21	-162.63	0.00058	113.14	-169.71	0.00052
106.07	-176.78	0.00047	98.99	-183.85	0.00042
91.92	-190.92	0.00038	84.85	-197.99	0.00034

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00031	70.71	-212.13	0.00027
219.20	-77.78	0.00045	212.13	-84.85	0.00050
205.06	-91.92	0.00056	197.99	-98.99	0.00062
190.92	-106.07	0.00067	183.85	-113.14	0.00072
176.78	-120.21	0.00076	169.71	-127.28	0.00077
166.17	-130.81	0.00077	162.63	-134.35	0.00077
160.51	-136.47	0.00076	159.10	-137.89	0.00075
157.68	-139.30	0.00075	156.27	-140.71	0.00074
154.86	-142.13	0.00073	142.13	-154.86	0.00065
140.71	-156.27	0.00064	139.30	-157.68	0.00063
137.89	-159.10	0.00062	136.47	-160.51	0.00061
134.35	-162.63	0.00059	130.81	-166.17	0.00056
127.28	-169.71	0.00054	120.21	-176.78	0.00049
113.14	-183.85	0.00044	106.07	-190.92	0.00040
98.99	-197.99	0.00036	91.92	-205.06	0.00033
84.85	-212.13	0.00029	77.78	-219.20	0.00026
226.27	-84.85	0.00043	219.20	-91.92	0.00048
212.13	-98.99	0.00053	205.06	-106.07	0.00058
197.99	-113.14	0.00063	190.92	-120.21	0.00067
183.85	-127.28	0.00070	176.78	-134.35	0.00071
173.24	-137.89	0.00071	169.71	-141.42	0.00070
167.58	-143.54	0.00069	166.17	-144.96	0.00069
164.76	-146.37	0.00068	163.34	-147.79	0.00068
161.93	-149.20	0.00067	149.20	-161.93	0.00060
147.79	-163.34	0.00059	146.37	-164.76	0.00058
144.96	-166.17	0.00057	143.54	-167.58	0.00056
141.42	-169.71	0.00054	137.89	-173.24	0.00052
134.35	-176.78	0.00050	127.28	-183.85	0.00045
120.21	-190.92	0.00041	113.14	-197.99	0.00038
106.07	-205.06	0.00034	98.99	-212.13	0.00031
91.92	-219.20	0.00028	84.85	-226.27	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00042	226.27	-98.99	0.00046
219.20	-106.07	0.00051	212.13	-113.14	0.00055
205.06	-120.21	0.00059	197.99	-127.28	0.00063

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00065	183.85	-141.42	0.00065
180.31	-144.96	0.00065	176.78	-148.49	0.00064
174.66	-150.61	0.00064	173.24	-152.03	0.00063
171.83	-153.44	0.00063	170.41	-154.86	0.00062
169.00	-156.27	0.00062	156.27	-169.00	0.00055
154.86	-170.41	0.00054	153.44	-171.83	0.00053
152.03	-173.24	0.00053	150.61	-174.66	0.00052
148.49	-176.78	0.00050	144.96	-180.31	0.00048
141.42	-183.85	0.00046	134.35	-190.92	0.00042
127.28	-197.99	0.00039	120.21	-205.06	0.00036
113.14	-212.13	0.00033	106.07	-219.20	0.00030
98.99	-226.27	0.00027	91.92	-233.35	0.00025
240.42	-98.99	0.00040	233.35	-106.07	0.00044
226.27	-113.14	0.00048	219.20	-120.21	0.00052
212.13	-127.28	0.00056	205.06	-134.35	0.00058
197.99	-141.42	0.00060	190.92	-148.49	0.00060
187.38	-152.03	0.00060	183.85	-155.56	0.00059
181.73	-157.68	0.00059	180.31	-159.10	0.00058
178.90	-160.51	0.00058	177.48	-161.93	0.00057
176.07	-163.34	0.00057	163.34	-176.07	0.00051
161.93	-177.48	0.00050	160.51	-178.90	0.00049
159.10	-180.31	0.00049	157.68	-181.73	0.00048
155.56	-183.85	0.00047	152.03	-187.38	0.00045
148.49	-190.92	0.00043	141.42	-197.99	0.00040
134.35	-205.06	0.00037	127.28	-212.13	0.00034
120.21	-219.20	0.00031	113.14	-226.27	0.00028
106.07	-233.35	0.00026	98.99	-240.42	0.00024
247.49	-106.07	0.00039	240.42	-113.14	0.00042
233.35	-120.21	0.00046	226.27	-127.28	0.00049
219.20	-134.35	0.00052	212.13	-141.42	0.00054
205.06	-148.49	0.00056	197.99	-155.56	0.00056
194.45	-159.10	0.00055	190.92	-162.63	0.00055
188.80	-164.76	0.00054	187.38	-166.17	0.00054
185.97	-167.58	0.00053	184.55	-169.00	0.00053
183.14	-170.41	0.00052	170.41	-183.14	0.00047
169.00	-184.55	0.00047	167.58	-185.97	0.00046
166.17	-187.38	0.00045	164.76	-188.80	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00023	-197.99	141.42	0.00022
-205.06	134.35	0.00021	-212.13	127.28	0.00020
-219.20	120.21	0.00019	-226.27	113.14	0.00017
-233.35	106.07	0.00016	-240.42	98.99	0.00014
-91.92	233.35	0.00007	-98.99	226.27	0.00008
-106.07	219.20	0.00009	-113.14	212.13	0.00011
-120.21	205.06	0.00013	-127.28	197.99	0.00015
-134.35	190.92	0.00018	-141.42	183.85	0.00021
-144.96	180.31	0.00023	-148.49	176.78	0.00024
-150.61	174.66	0.00024	-152.03	173.24	0.00025
-153.44	171.83	0.00025	-154.86	170.41	0.00026
-156.27	169.00	0.00026	-169.00	156.27	0.00029
-170.41	154.86	0.00029	-171.83	153.44	0.00028
-173.24	152.03	0.00028	-174.66	150.61	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00027	-180.31	144.96	0.00027
-183.85	141.42	0.00026	-190.92	134.35	0.00025
-197.99	127.28	0.00024	-205.06	120.21	0.00022
-212.13	113.14	0.00020	-219.20	106.07	0.00018
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00007	-91.92	219.20	0.00008
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00013	-120.21	190.92	0.00016
-127.28	183.85	0.00020	-134.35	176.78	0.00024
-137.89	173.24	0.00025	-141.42	169.71	0.00027
-143.54	167.58	0.00028	-144.96	166.17	0.00028
-146.37	164.76	0.00029	-147.79	163.34	0.00029
-149.20	161.93	0.00030	-161.93	149.20	0.00033
-163.34	147.79	0.00033	-164.76	146.37	0.00033
-166.17	144.96	0.00032	-167.58	143.54	0.00032
-169.71	141.42	0.00031	-173.24	137.89	0.00030
-176.78	134.35	0.00029	-183.85	127.28	0.00028
-190.92	120.21	0.00026	-197.99	113.14	0.00024
-205.06	106.07	0.00022	-212.13	99.00	0.00020
-219.20	91.92	0.00017	-226.27	84.85	0.00015

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00008	-84.85	212.13	0.00009
-91.92	205.06	0.00010	-98.99	197.99	0.00012
-106.07	190.92	0.00014	-113.14	183.85	0.00017
-120.21	176.78	0.00021	-127.28	169.71	0.00026
-130.81	166.17	0.00029	-134.35	162.63	0.00031
-136.47	160.51	0.00032	-137.89	159.10	0.00033
-139.30	157.68	0.00033	-140.71	156.27	0.00034
-142.13	154.86	0.00035	-154.86	142.13	0.00038
-156.27	140.71	0.00038	-157.68	139.30	0.00038
-159.10	137.89	0.00037	-160.51	136.47	0.00037
-162.63	134.35	0.00036	-166.17	130.81	0.00035
-169.71	127.28	0.00034	-176.78	120.21	0.00032
-183.85	113.14	0.00030	-190.92	106.07	0.00027
-197.99	99.00	0.00024	-205.06	91.92	0.00021
-212.13	84.85	0.00018	-219.20	77.78	0.00016
-70.71	212.13	0.00008	-77.78	205.06	0.00009
-84.85	197.99	0.00011	-91.92	190.92	0.00013
-98.99	183.85	0.00015	-106.07	176.78	0.00019
-113.14	169.71	0.00023	-120.21	162.63	0.00029
-123.74	159.10	0.00032	-127.28	155.56	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 85

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00037	-130.81	152.03	0.00038
-132.23	150.61	0.00039	-133.64	149.20	0.00040
-135.06	147.79	0.00041	-147.79	135.06	0.00045
-149.20	133.64	0.00045	-150.61	132.23	0.00044
-152.03	130.81	0.00043	-153.44	129.40	0.00043
-155.56	127.28	0.00042	-159.10	123.74	0.00040
-162.63	120.21	0.00039	-169.71	113.14	0.00036
-176.78	106.07	0.00033	-183.85	98.99	0.00029
-190.92	91.92	0.00025	-197.99	84.85	0.00022
-205.06	77.78	0.00019	-212.13	70.71	0.00017
-63.64	205.06	0.00009	-70.71	197.99	0.00010
-77.78	190.92	0.00011	-84.85	183.85	0.00013
-91.92	176.78	0.00016	-98.99	169.71	0.00020
-106.07	162.63	0.00025	-113.14	155.56	0.00032

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00037	-120.21	148.49	0.00041
-122.33	146.37	0.00043	-123.74	144.96	0.00044
-125.16	143.54	0.00046	-126.57	142.13	0.00047
-127.99	140.71	0.00048	-140.71	127.99	0.00054
-142.13	126.57	0.00053	-143.54	125.16	0.00052
-144.96	123.74	0.00051	-146.37	122.33	0.00050
-148.49	120.21	0.00049	-152.03	116.67	0.00047
-155.56	113.14	0.00045	-162.63	106.07	0.00041
-169.71	98.99	0.00036	-176.78	91.92	0.00031
-183.85	84.85	0.00027	-190.92	77.78	0.00023
-197.99	70.71	0.00020	-205.06	63.64	0.00017
-56.57	197.99	0.00009	-63.64	190.92	0.00011
-70.71	183.85	0.00012	-77.78	176.78	0.00014
-84.85	169.71	0.00017	-91.92	162.63	0.00021
-98.99	155.56	0.00027	-106.07	148.49	0.00036
-109.60	144.96	0.00041	-113.14	141.42	0.00047
-115.26	139.30	0.00050	-116.67	137.89	0.00053
-118.09	136.47	0.00054	-119.50	135.06	0.00056
-120.92	133.64	0.00058	-133.64	120.92	0.00064
-135.06	119.50	0.00063	-136.47	118.09	0.00062
-137.89	116.67	0.00061	-139.30	115.26	0.00060
-141.42	113.14	0.00058	-144.96	109.60	0.00056
-148.49	106.07	0.00053	-155.56	98.99	0.00046
-162.63	91.92	0.00039	-169.71	84.85	0.00033
-176.78	77.78	0.00028	-183.85	70.71	0.00024
-190.92	63.64	0.00021	-197.99	56.57	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 86

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):              NCRA\_S4 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER              IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00010	-56.57	183.85	0.00011
-63.64	176.78	0.00013	-70.71	169.71	0.00016
-77.78	162.63	0.00019	-84.85	155.56	0.00023
-91.92	148.49	0.00030	-98.99	141.42	0.00040
-102.53	137.89	0.00046	-106.07	134.35	0.00054
-108.19	132.23	0.00059	-109.60	130.81	0.00062
-111.02	129.40	0.00065	-112.43	127.99	0.00068
-113.84	126.57	0.00071	-126.57	113.84	0.00078



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00077	-129.40	111.02	0.00075
-130.81	109.60	0.00074	-132.23	108.19	0.00072
-134.35	106.07	0.00070	-137.89	102.53	0.00065
-141.42	98.99	0.00061	-148.49	91.92	0.00051
-155.56	84.85	0.00042	-162.63	77.78	0.00035
-169.71	70.71	0.00030	-176.78	63.64	0.00025
-183.85	56.57	0.00021	-190.92	49.50	0.00018
-42.43	183.85	0.00011	-49.50	176.78	0.00013
-56.57	169.71	0.00015	-63.64	162.63	0.00017
-70.71	155.56	0.00020	-77.78	148.49	0.00025
-84.85	141.42	0.00032	-91.92	134.35	0.00044
-95.46	130.81	0.00052	-98.99	127.28	0.00062
-101.12	125.16	0.00068	-102.53	123.74	0.00073
-103.94	122.33	0.00078	-105.36	120.92	0.00083
-106.77	119.50	0.00087	-119.50	106.77	0.00097
-120.92	105.36	0.00094	-122.33	103.94	0.00092
-123.74	102.53	0.00089	-125.16	101.12	0.00086
-127.28	98.99	0.00082	-130.81	95.46	0.00075
-134.35	91.92	0.00068	-141.42	84.85	0.00055
-148.49	77.78	0.00045	-155.56	70.71	0.00037
-162.63	63.64	0.00031	-169.71	56.57	0.00026
-176.78	49.50	0.00022	-183.85	42.43	0.00019
-35.36	176.78	0.00012	-42.43	169.71	0.00014
-49.50	162.63	0.00016	-56.57	155.56	0.00019
-63.64	148.49	0.00023	-70.71	141.42	0.00028
-77.78	134.35	0.00036	-84.85	127.28	0.00048
-88.39	123.74	0.00057	-91.92	120.21	0.00069
-94.05	118.09	0.00078	-95.46	116.67	0.00085
-96.87	115.26	0.00092	-98.29	113.84	0.00099
-99.70	112.43	0.00107	-112.43	99.70	0.00119
-113.84	98.29	0.00115	-115.26	96.87	0.00110
-116.67	95.46	0.00105	-118.09	94.05	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00093	-123.74	88.39	0.00083
-127.28	84.85	0.00074	-134.35	77.78	0.00059

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00048	-148.49	63.64	0.00039
-155.56	56.57	0.00032	-162.63	49.50	0.00027
-169.71	42.43	0.00023	-176.78	35.36	0.00020
-28.28	169.71	0.00013	-35.36	162.63	0.00015
-42.43	155.56	0.00017	-49.50	148.49	0.00021
-56.57	141.42	0.00025	-63.64	134.35	0.00032
-70.71	127.28	0.00041	-77.78	120.21	0.00055
-81.32	116.67	0.00066	-84.85	113.14	0.00079
-86.97	111.02	0.00090	-88.39	109.60	0.00097
-89.80	108.19	0.00106	-91.22	106.77	0.00116
-92.63	105.36	0.00127	-105.36	92.63	0.00142
-106.77	91.22	0.00132	-108.19	89.80	0.00124
-109.60	88.39	0.00117	-111.02	86.97	0.00110
-113.14	84.85	0.00101	-116.67	81.32	0.00089
-120.21	77.78	0.00079	-127.28	70.71	0.00063
-134.35	63.64	0.00051	-141.42	56.57	0.00042
-148.49	49.50	0.00035	-155.56	42.43	0.00029
-162.63	35.36	0.00025	-169.71	28.28	0.00022
-21.21	162.63	0.00014	-28.28	155.56	0.00016
-35.36	148.49	0.00019	-42.43	141.42	0.00023
-49.50	134.35	0.00028	-56.57	127.28	0.00035
-63.64	120.21	0.00046	-70.71	113.14	0.00063
-74.25	109.60	0.00076	-77.78	106.07	0.00093
-79.90	103.94	0.00106	-81.32	102.53	0.00117
-82.73	101.12	0.00129	-84.15	99.70	0.00144
-85.56	98.29	0.00165	-98.29	85.56	0.00165
-99.70	84.15	0.00151	-101.12	82.73	0.00140
-102.53	81.32	0.00130	-103.94	79.90	0.00123
-106.07	77.78	0.00112	-109.60	74.25	0.00099
-113.14	70.71	0.00087	-120.21	63.64	0.00069
-127.28	56.57	0.00056	-134.35	49.50	0.00045
-141.42	42.43	0.00038	-148.49	35.36	0.00032
-155.56	28.28	0.00027	-162.63	21.21	0.00024
-14.14	155.56	0.00015	-21.21	148.49	0.00017
-28.28	141.42	0.00021	-35.36	134.35	0.00025
-42.43	127.28	0.00031	-49.50	120.21	0.00040
-56.57	113.14	0.00054	-63.64	106.07	0.00077
-67.18	102.53	0.00097	-70.71	98.99	0.00127

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

16NCRA PL91-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00153	-74.25	95.46	0.00175
-75.66	94.05	0.00204	-77.07	92.63	0.00243
-78.49	91.22	0.00296	-91.22	78.49	0.00208
-92.63	77.07	0.00182	-94.05	75.66	0.00163
-95.46	74.25	0.00149	-96.87	72.83	0.00138
-98.99	70.71	0.00124	-102.53	67.18	0.00107
-106.07	63.64	0.00094	-113.14	56.57	0.00074
-120.21	49.50	0.00059	-127.28	42.43	0.00048
-134.35	35.36	0.00040	-141.42	28.28	0.00034
-148.49	21.21	0.00029	-155.56	14.14	0.00025
-7.07	148.49	0.00016	-14.14	141.42	0.00019
-21.21	134.35	0.00023	-28.28	127.28	0.00028
-35.36	120.21	0.00036	-42.43	113.14	0.00048
-49.50	106.07	0.00067	-56.57	98.99	0.00104
-60.10	95.46	0.00136	-63.64	91.92	0.00188
-65.76	89.80	0.00233	-67.18	88.39	0.00271
-68.59	86.97	0.00317	-70.00	85.56	0.00374
-71.42	84.15	0.00446	-84.15	71.42	0.00265
-85.56	70.00	0.00227	-86.97	68.59	0.00200
-88.39	67.18	0.00179	-89.80	65.76	0.00162
-91.92	63.64	0.00143	-95.46	60.10	0.00119
-98.99	56.57	0.00102	-106.07	49.50	0.00078
-113.14	42.43	0.00063	-120.21	35.36	0.00051
-127.28	28.28	0.00043	-134.35	21.21	0.00036
-141.42	14.14	0.00031	-148.49	7.07	0.00027
0.00	141.42	0.00018	-7.07	134.35	0.00021
-14.14	127.28	0.00026	-21.21	120.21	0.00033
-28.28	113.14	0.00043	-35.36	106.07	0.00059
-42.43	98.99	0.00086	-49.50	91.92	0.00141
-53.03	88.39	0.00188	-56.57	84.85	0.00258
-58.69	82.73	0.00317	-60.10	81.32	0.00365
-61.52	79.90	0.00422	-62.93	78.49	0.00489
-64.35	77.07	0.00570	-77.07	64.35	0.00320
-78.49	62.93	0.00274	-79.90	61.52	0.00239
-81.32	60.10	0.00212	-82.73	58.69	0.00191
-84.85	56.57	0.00165	-88.39	53.03	0.00134
-91.92	49.50	0.00112	-98.99	42.43	0.00083
-106.07	35.36	0.00066	-113.14	28.28	0.00054
-120.21	21.21	0.00045	-127.28	14.14	0.00038
-134.35	7.07	0.00032	-141.42	0.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00019	0.00	127.28	0.00024
-7.07	120.21	0.00030	-14.14	113.14	0.00039
-21.21	106.07	0.00052	-28.28	98.99	0.00073
-35.36	91.92	0.00110	-42.43	84.85	0.00182
-45.96	81.32	0.00240	-49.50	77.78	0.00324
-51.62	75.66	0.00391	-53.03	74.25	0.00445
-54.45	72.83	0.00508	-55.86	71.42	0.00580
-57.28	70.00	0.00663	-70.00	57.28	0.00365
-71.42	55.86	0.00314	-72.83	54.45	0.00275
-74.25	53.03	0.00243	-75.66	51.62	0.00218
-77.78	49.50	0.00187	-81.32	45.96	0.00149
-84.85	42.43	0.00123	-91.92	35.36	0.00090
-98.99	28.28	0.00070	-106.07	21.21	0.00056
-113.14	14.14	0.00047	-120.21	7.07	0.00039
-127.28	0.00	0.00033	-134.35	-7.07	0.00029
14.14	127.28	0.00022	7.07	120.21	0.00027
0.00	113.14	0.00034	-7.07	106.07	0.00045
-14.14	98.99	0.00062	-21.21	91.92	0.00089
-28.28	84.85	0.00136	-35.36	77.78	0.00221
-38.89	74.25	0.00288	-42.43	70.71	0.00381
-44.55	68.59	0.00453	-45.96	67.18	0.00510
-47.38	65.76	0.00574	-48.79	64.35	0.00647
-50.20	62.93	0.00730	-62.93	50.20	0.00400
-64.35	48.79	0.00344	-65.76	47.38	0.00302
-67.18	45.96	0.00268	-68.59	44.55	0.00240
-70.71	42.43	0.00206	-74.25	38.89	0.00164
-77.78	35.36	0.00134	-84.85	28.28	0.00097
-91.92	21.21	0.00075	-98.99	14.14	0.00059
-106.07	7.07	0.00048	-113.14	0.00	0.00041
-120.21	-7.07	0.00035	-127.28	-14.14	0.00030
21.21	120.21	0.00024	14.14	113.14	0.00030
7.07	106.07	0.00039	0.00	98.99	0.00052
-7.07	91.92	0.00073	-14.14	84.85	0.00106
-21.21	77.78	0.00162	-28.28	70.71	0.00257

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00329	-35.36	63.64	0.00427
-37.48	61.52	0.00502	-38.89	60.10	0.00559
-40.31	58.69	0.00623	-41.72	57.28	0.00694
-43.13	55.86	0.00776	-55.86	43.13	0.00422
-57.28	41.72	0.00364	-58.69	40.31	0.00320
-60.10	38.89	0.00284	-61.52	37.48	0.00255

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00220	-67.18	31.82	0.00176
-70.71	28.28	0.00145	-77.78	21.21	0.00105
-84.85	14.14	0.00080	-91.92	7.07	0.00063
-98.99	0.00	0.00051	-106.07	-7.07	0.00042
-113.14	-14.14	0.00036	-120.21	-21.21	0.00031
28.28	113.14	0.00027	21.21	106.07	0.00034
14.14	98.99	0.00045	7.07	91.92	0.00060
0.00	84.85	0.00085	-7.07	77.78	0.00123
-14.14	70.71	0.00184	-21.21	63.64	0.00287
-24.75	60.10	0.00364	-28.28	56.57	0.00465
-30.41	54.45	0.00539	-31.82	53.03	0.00596
-33.23	51.62	0.00658	-34.65	50.20	0.00727
-36.06	48.79	0.00805	-48.79	36.06	0.00433
-50.20	34.65	0.00374	-51.62	33.23	0.00330
-53.03	31.82	0.00295	-54.45	30.41	0.00266
-56.57	28.28	0.00231	-60.10	24.75	0.00187
-63.64	21.21	0.00155	-70.71	14.14	0.00112
-77.78	7.07	0.00085	-84.85	0.00	0.00067
-91.92	-7.07	0.00054	-98.99	-14.14	0.00044
-106.07	-21.21	0.00036	-113.14	-28.28	0.00031
35.36	106.07	0.00030	28.28	98.99	0.00039
21.21	91.92	0.00051	14.14	84.85	0.00069
7.07	77.78	0.00096	0.00	70.71	0.00138
-7.07	63.64	0.00204	-14.14	56.57	0.00311
-17.68	53.03	0.00390	-21.21	49.50	0.00492
-23.33	47.38	0.00566	-24.75	45.96	0.00622
-26.16	44.55	0.00683	-27.58	43.13	0.00750
-28.99	41.72	0.00824	-41.72	28.99	0.00437

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00382	-44.55	26.16	0.00339
-45.96	24.75	0.00306	-47.38	23.33	0.00277
-49.50	21.21	0.00242	-53.03	17.68	0.00197
-56.57	14.14	0.00164	-63.64	7.07	0.00118
-70.71	0.00	0.00088	-77.78	-7.07	0.00068
-84.85	-14.14	0.00055	-91.92	-21.21	0.00044
-98.99	-28.28	0.00037	-106.07	-35.36	0.00031
42.43	98.99	0.00034	35.36	91.92	0.00044
28.28	84.85	0.00058	21.21	77.78	0.00078
14.14	70.71	0.00107	7.07	63.64	0.00152
0.00	56.57	0.00220	-7.07	49.50	0.00330
-10.61	45.96	0.00409	-14.14	42.43	0.00508

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00580	-17.68	38.89	0.00633
-19.09	37.48	0.00691	-20.51	36.06	0.00753
-21.92	34.65	0.00817	-34.65	21.92	0.00435
-36.06	20.51	0.00384	-37.48	19.09	0.00343
-38.89	17.68	0.00309	-40.31	16.26	0.00281
-42.43	14.14	0.00246	-45.96	10.61	0.00202
-49.50	7.07	0.00168	-56.57	0.00	0.00121
-63.64	-7.07	0.00090	-70.71	-14.14	0.00069
-77.78	-21.21	0.00055	-84.85	-28.28	0.00045
-91.92	-35.36	0.00037	-98.99	-42.43	0.00031
49.50	91.92	0.00038	42.43	84.85	0.00049
35.36	77.78	0.00064	28.28	70.71	0.00086
21.21	63.64	0.00117	14.14	56.57	0.00162
7.07	49.50	0.00232	0.00	42.43	0.00338
-3.54	38.89	0.00411	-7.07	35.36	0.00499
-9.19	33.23	0.00559	-10.61	31.82	0.00600
-12.02	30.41	0.00640	-13.44	28.99	0.00678
-14.85	27.58	0.00709	-27.58	14.85	0.00405
-28.99	13.44	0.00367	-30.41	12.02	0.00334
-31.82	10.61	0.00305	-33.23	9.19	0.00280
-35.36	7.07	0.00247	-38.89	3.54	0.00203
-42.43	0.00	0.00170	-49.50	-7.07	0.00122

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00091	-63.64	-21.21	0.00070
-70.71	-28.28	0.00056	-77.78	-35.36	0.00045
-84.85	-42.43	0.00037	-91.92	-49.50	0.00031
56.57	84.85	0.00042	49.50	77.78	0.00054
42.43	70.71	0.00070	35.36	63.64	0.00092
28.28	56.57	0.00124	21.21	49.50	0.00169
14.14	42.43	0.00235	7.07	35.36	0.00331
3.54	31.82	0.00392	0.00	28.28	0.00458
-2.12	26.16	0.00498	-3.54	24.75	0.00523
-4.95	23.33	0.00546	-6.36	21.92	0.00564
-7.78	20.51	0.00575	-20.51	7.78	0.00360
-21.92	6.36	0.00332	-23.33	4.95	0.00307
-24.75	3.54	0.00285	-26.16	2.12	0.00265
-28.28	0.00	0.00237	-31.82	-3.54	0.00199
-35.36	-7.07	0.00169	-42.43	-14.14	0.00123
-49.50	-21.21	0.00092	-56.57	-28.28	0.00071
-63.64	-35.36	0.00056	-70.71	-42.43	0.00045
-77.78	-49.50	0.00037	-84.85	-56.57	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00045	56.57	70.71	0.00058
49.50	63.64	0.00074	42.43	56.57	0.00097
35.36	49.50	0.00128	28.28	42.43	0.00171
21.21	35.36	0.00231	14.14	28.28	0.00310
10.61	24.75	0.00356	7.07	21.21	0.00402
4.95	19.09	0.00427	3.54	17.68	0.00442
2.12	16.26	0.00453	0.71	14.85	0.00461
-0.71	13.44	0.00463	-13.44	0.71	0.00311
-14.85	-0.71	0.00292	-16.26	-2.12	0.00274
-17.68	-3.54	0.00257	-19.09	-4.95	0.00241
-21.21	-7.07	0.00220	-24.75	-10.61	0.00188
-28.28	-14.14	0.00162	-35.36	-21.21	0.00122
-42.43	-28.28	0.00093	-49.50	-35.36	0.00072
-56.57	-42.43	0.00056	-63.64	-49.50	0.00045
-70.71	-56.57	0.00037	-77.78	-63.64	0.00031
70.71	70.71	0.00048	63.64	63.64	0.00061

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00078	49.50	49.50	0.00100
42.43	42.43	0.00129	35.36	35.36	0.00169
28.28	28.28	0.00220	21.21	21.21	0.00282
17.68	17.68	0.00316	14.14	14.14	0.00347
12.02	12.02	0.00362	10.61	10.61	0.00370
9.19	9.19	0.00375	7.78	7.78	0.00377
6.36	6.36	0.00376	-6.36	-6.36	0.00268
-7.78	-7.78	0.00253	-9.19	-9.19	0.00240
-10.61	-10.61	0.00227	-12.02	-12.02	0.00215
-14.14	-14.14	0.00199	-17.68	-17.68	0.00174
-21.21	-21.21	0.00152	-28.28	-28.28	0.00117
-35.36	-35.36	0.00091	-42.43	-42.43	0.00072
-49.50	-49.50	0.00057	-56.57	-56.57	0.00046
-63.64	-63.64	0.00038	-70.71	-70.71	0.00031
77.78	63.64	0.00051	70.71	56.57	0.00063
63.64	49.50	0.00080	56.57	42.43	0.00101
49.50	35.36	0.00128	42.43	28.28	0.00162
35.36	21.21	0.00205	28.28	14.14	0.00253
24.75	10.61	0.00277	21.21	7.07	0.00298
19.09	4.95	0.00307	17.68	3.54	0.00310
16.26	2.12	0.00312	14.85	0.71	0.00312
13.44	-0.71	0.00310	0.71	-13.44	0.00230
-0.71	-14.85	0.00220	-2.12	-16.26	0.00209
-3.54	-17.68	0.00200	-4.95	-19.09	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00178	-10.61	-24.75	0.00158
-14.14	-28.28	0.00141	-21.21	-35.36	0.00111
-28.28	-42.43	0.00088	-35.36	-49.50	0.00070
-42.43	-56.57	0.00057	-49.50	-63.64	0.00046
-56.57	-70.71	0.00038	-63.64	-77.78	0.00032
84.85	56.57	0.00053	77.78	49.50	0.00065
70.71	42.43	0.00080	63.64	35.36	0.00100
56.57	28.28	0.00124	49.50	21.21	0.00154
42.43	14.14	0.00188	35.36	7.07	0.00226
31.82	3.54	0.00243	28.28	0.00	0.00256



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00260	24.75	-3.54	0.00262
23.33	-4.95	0.00262	21.92	-6.36	0.00261
20.51	-7.78	0.00258	7.78	-20.51	0.00199
6.36	-21.92	0.00191	4.95	-23.33	0.00183
3.54	-24.75	0.00176	2.12	-26.16	0.00168
0.00	-28.28	0.00158	-3.54	-31.82	0.00143
-7.07	-35.36	0.00129	-14.14	-42.43	0.00105
-21.21	-49.50	0.00084	-28.28	-56.57	0.00068
-35.36	-63.64	0.00056	-42.43	-70.71	0.00046
-49.50	-77.78	0.00038	-56.57	-84.85	0.00032
91.92	49.50	0.00054	84.85	42.43	0.00066
77.78	35.36	0.00080	70.71	28.28	0.00098
63.64	21.21	0.00119	56.57	14.14	0.00144
49.50	7.07	0.00172	42.43	0.00	0.00201
38.89	-3.54	0.00213	35.36	-7.07	0.00220
33.23	-9.19	0.00223	31.82	-10.61	0.00223
30.41	-12.02	0.00223	28.99	-13.44	0.00221
27.58	-14.85	0.00219	14.85	-27.58	0.00173
13.44	-28.99	0.00167	12.02	-30.41	0.00161
10.61	-31.82	0.00155	9.19	-33.23	0.00149
7.07	-35.36	0.00141	3.54	-38.89	0.00128
0.00	-42.43	0.00117	-7.07	-49.50	0.00097
-14.14	-56.57	0.00080	-21.21	-63.64	0.00066
-28.28	-70.71	0.00054	-35.36	-77.78	0.00045
-42.43	-84.85	0.00038	-49.50	-91.92	0.00032
98.99	42.43	0.00055	91.92	35.36	0.00066
84.85	28.28	0.00079	77.78	21.21	0.00094
70.71	14.14	0.00113	63.64	7.07	0.00134
56.57	0.00	0.00157	49.50	-7.07	0.00179
45.96	-10.61	0.00187	42.43	-14.14	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00192	38.89	-17.68	0.00192
37.48	-19.09	0.00191	36.06	-20.51	0.00189
34.65	-21.92	0.00187	21.92	-34.65	0.00151
20.51	-36.06	0.00146	19.09	-37.48	0.00142

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00137	16.26	-40.31	0.00133
14.14	-42.43	0.00126	10.61	-45.96	0.00116
7.07	-49.50	0.00106	0.00	-56.57	0.00090
-7.07	-63.64	0.00076	-14.14	-70.71	0.00063
-21.21	-77.78	0.00053	-28.28	-84.85	0.00044
-35.36	-91.92	0.00037	-42.43	-98.99	0.00032
106.07	35.36	0.00055	98.99	28.28	0.00065
91.92	21.21	0.00076	84.85	14.14	0.00090
77.78	7.07	0.00106	70.71	0.00	0.00124
63.64	-7.07	0.00143	56.57	-14.14	0.00159
53.03	-17.68	0.00164	49.50	-21.21	0.00167
47.38	-23.33	0.00167	45.96	-24.75	0.00166
44.55	-26.16	0.00165	43.13	-27.58	0.00164
41.72	-28.99	0.00162	28.99	-41.72	0.00133
27.58	-43.13	0.00129	26.16	-44.55	0.00126
24.75	-45.96	0.00122	23.33	-47.38	0.00118
21.21	-49.50	0.00113	17.68	-53.03	0.00105
14.14	-56.57	0.00097	7.07	-63.64	0.00083
0.00	-70.71	0.00071	-7.07	-77.78	0.00060
-14.14	-84.85	0.00051	-21.21	-91.92	0.00043
-28.28	-98.99	0.00037	-35.36	-106.07	0.00031
113.14	28.28	0.00054	106.07	21.21	0.00063
98.99	14.14	0.00074	91.92	7.07	0.00086
84.85	0.00	0.00100	77.78	-7.07	0.00115
70.71	-14.14	0.00130	63.64	-21.21	0.00142
60.10	-24.75	0.00145	56.57	-28.28	0.00147
54.45	-30.41	0.00146	53.03	-31.82	0.00146
51.62	-33.23	0.00145	50.20	-34.65	0.00143
48.79	-36.06	0.00142	36.06	-48.79	0.00118
34.65	-50.20	0.00115	33.23	-51.62	0.00112
31.82	-53.03	0.00109	30.41	-54.45	0.00106
28.28	-56.57	0.00102	24.75	-60.10	0.00095
21.21	-63.64	0.00088	14.14	-70.71	0.00076
7.07	-77.78	0.00066	0.00	-84.85	0.00057
-7.07	-91.92	0.00049	-14.14	-98.99	0.00042
-21.21	-106.07	0.00036	-28.28	-113.14	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00053	113.14	14.14	0.00061
106.07	7.07	0.00071	98.99	0.00	0.00081
91.92	-7.07	0.00094	84.85	-14.14	0.00106
77.78	-21.21	0.00118	70.71	-28.28	0.00127
67.18	-31.82	0.00129	63.64	-35.36	0.00130
61.52	-37.48	0.00129	60.10	-38.89	0.00128
58.69	-40.31	0.00127	57.28	-41.72	0.00126
55.86	-43.13	0.00125	43.13	-55.86	0.00105
41.72	-57.28	0.00103	40.31	-58.69	0.00101
38.89	-60.10	0.00098	37.48	-61.52	0.00096
35.36	-63.64	0.00092	31.82	-67.18	0.00086
28.28	-70.71	0.00081	21.21	-77.78	0.00071
14.14	-84.85	0.00062	7.07	-91.92	0.00054
0.00	-98.99	0.00047	-7.07	-106.07	0.00040
-14.14	-113.14	0.00035	-21.21	-120.21	0.00030
127.28	14.14	0.00052	120.21	7.07	0.00059
113.14	0.00	0.00068	106.07	-7.07	0.00077
98.99	-14.14	0.00088	91.92	-21.21	0.00098
84.85	-28.28	0.00108	77.78	-35.36	0.00114
74.25	-38.89	0.00115	70.71	-42.43	0.00115
68.59	-44.55	0.00115	67.18	-45.96	0.00114
65.76	-47.38	0.00113	64.35	-48.79	0.00112
62.93	-50.20	0.00111	50.20	-62.93	0.00095
48.79	-64.35	0.00093	47.38	-65.76	0.00091
45.96	-67.18	0.00089	44.55	-68.59	0.00087
42.43	-70.71	0.00083	38.89	-74.25	0.00078
35.36	-77.78	0.00074	28.28	-84.85	0.00065
21.21	-91.92	0.00058	14.14	-98.99	0.00051
7.07	-106.07	0.00045	0.00	-113.14	0.00039
-7.07	-120.21	0.00034	-14.14	-127.28	0.00029
134.35	7.07	0.00050	127.28	0.00	0.00057
120.21	-7.07	0.00065	113.14	-14.14	0.00073
106.07	-21.21	0.00082	98.99	-28.28	0.00091
91.92	-35.36	0.00099	84.85	-42.43	0.00103
81.32	-45.96	0.00104	77.78	-49.50	0.00103
75.66	-51.62	0.00103	74.25	-53.03	0.00102
72.83	-54.45	0.00101	71.42	-55.86	0.00100
70.00	-57.28	0.00099	57.28	-70.00	0.00086
55.86	-71.42	0.00084	54.45	-72.83	0.00082
53.03	-74.25	0.00080	51.62	-75.66	0.00079

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00076	45.96	-81.32	0.00072
42.43	-84.85	0.00068	35.36	-91.92	0.00060
28.28	-98.99	0.00054	21.21	-106.07	0.00048
14.14	-113.14	0.00042	7.07	-120.21	0.00037
0.00	-127.28	0.00033	-7.07	-134.35	0.00029
141.42	0.00	0.00048	134.35	-7.07	0.00055
127.28	-14.14	0.00062	120.21	-21.21	0.00069
113.14	-28.28	0.00077	106.07	-35.36	0.00084
98.99	-42.43	0.00090	91.92	-49.50	0.00093
88.39	-53.03	0.00094	84.85	-56.57	0.00093
82.73	-58.69	0.00092	81.32	-60.10	0.00092
79.90	-61.52	0.00091	78.49	-62.93	0.00090
77.07	-64.35	0.00089	64.35	-77.07	0.00078
62.93	-78.49	0.00076	61.52	-79.90	0.00075
60.10	-81.32	0.00073	58.69	-82.73	0.00072
56.57	-84.85	0.00070	53.03	-88.39	0.00066
49.50	-91.92	0.00062	42.43	-98.99	0.00056
35.36	-106.07	0.00050	28.28	-113.14	0.00045
21.21	-120.21	0.00040	14.14	-127.28	0.00036
7.07	-134.35	0.00032	0.00	-141.42	0.00028
148.49	-7.07	0.00047	141.42	-14.14	0.00052
134.35	-21.21	0.00059	127.28	-28.28	0.00065
120.21	-35.36	0.00072	113.14	-42.43	0.00078
106.07	-49.50	0.00083	98.99	-56.57	0.00085
95.46	-60.10	0.00085	91.92	-63.64	0.00084
89.80	-65.76	0.00084	88.39	-67.18	0.00083
86.97	-68.59	0.00082	85.56	-70.00	0.00082
84.15	-71.42	0.00081	71.42	-84.15	0.00071
70.00	-85.56	0.00070	68.59	-86.97	0.00068
67.18	-88.39	0.00067	65.76	-89.80	0.00066
63.64	-91.92	0.00064	60.10	-95.46	0.00061
56.57	-98.99	0.00058	49.50	-106.07	0.00052
42.43	-113.14	0.00047	35.36	-120.21	0.00042
28.28	-127.28	0.00038	21.21	-134.35	0.00034
14.14	-141.42	0.00031	7.07	-148.49	0.00027
155.56	-14.14	0.00045	148.49	-21.21	0.00050

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00056	134.35	-35.36	0.00062
127.28	-42.43	0.00067	120.21	-49.50	0.00072
113.14	-56.57	0.00076	106.07	-63.64	0.00077
102.53	-67.18	0.00077	98.99	-70.71	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00076	95.46	-74.25	0.00075
94.05	-75.66	0.00075	92.63	-77.07	0.00074
91.22	-78.49	0.00073	78.49	-91.22	0.00065
77.07	-92.63	0.00064	75.66	-94.05	0.00063
74.25	-95.46	0.00062	72.83	-96.87	0.00061
70.71	-98.99	0.00059	67.18	-102.53	0.00056
63.64	-106.07	0.00054	56.57	-113.14	0.00049
49.50	-120.21	0.00044	42.43	-127.28	0.00040
35.36	-134.35	0.00036	28.28	-141.42	0.00033
21.21	-148.49	0.00029	14.14	-155.56	0.00026
162.63	-21.21	0.00043	155.56	-28.28	0.00048
148.49	-35.36	0.00053	141.42	-42.43	0.00058
134.35	-49.50	0.00063	127.28	-56.57	0.00067
120.21	-63.64	0.00070	113.14	-70.71	0.00071
109.60	-74.25	0.00071	106.07	-77.78	0.00070
103.94	-79.90	0.00069	102.53	-81.32	0.00069
101.12	-82.73	0.00068	99.70	-84.15	0.00068
98.29	-85.56	0.00067	85.56	-98.29	0.00060
84.15	-99.70	0.00059	82.73	-101.12	0.00058
81.32	-102.53	0.00057	79.90	-103.94	0.00056
77.78	-106.07	0.00054	74.25	-109.60	0.00052
70.71	-113.14	0.00050	63.64	-120.21	0.00045
56.57	-127.28	0.00041	49.50	-134.35	0.00038
42.43	-141.42	0.00034	35.36	-148.49	0.00031
28.28	-155.56	0.00028	21.21	-162.63	0.00026
169.71	-28.28	0.00042	162.63	-35.36	0.00046
155.56	-42.43	0.00051	148.49	-49.50	0.00055
141.42	-56.57	0.00059	134.35	-63.64	0.00063
127.28	-70.71	0.00065	120.21	-77.78	0.00065
116.67	-81.32	0.00065	113.14	-84.85	0.00064

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00064	109.60	-88.39	0.00063
108.19	-89.80	0.00063	106.77	-91.22	0.00062
105.36	-92.63	0.00062	92.63	-105.36	0.00055
91.22	-106.77	0.00054	89.80	-108.19	0.00053
88.39	-109.60	0.00053	86.97	-111.02	0.00052
84.85	-113.14	0.00050	81.32	-116.67	0.00048
77.78	-120.21	0.00046	70.71	-127.28	0.00042
63.64	-134.35	0.00039	56.57	-141.42	0.00036
49.50	-148.49	0.00033	42.43	-155.56	0.00030
35.36	-162.63	0.00027	28.28	-169.71	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00040	169.71	-42.43	0.00044
162.63	-49.50	0.00048	155.56	-56.57	0.00052
148.49	-63.64	0.00056	141.42	-70.71	0.00058
134.35	-77.78	0.00060	127.28	-84.85	0.00060
123.74	-88.39	0.00060	120.21	-91.92	0.00059
118.09	-94.05	0.00059	116.67	-95.46	0.00058
115.26	-96.87	0.00058	113.84	-98.29	0.00057
112.43	-99.70	0.00057	99.70	-112.43	0.00051
98.29	-113.84	0.00050	96.87	-115.26	0.00049
95.46	-116.67	0.00049	94.05	-118.09	0.00048
91.92	-120.21	0.00047	88.39	-123.74	0.00045
84.85	-127.28	0.00043	77.78	-134.35	0.00040
70.71	-141.42	0.00037	63.64	-148.49	0.00034
56.57	-155.56	0.00031	49.50	-162.63	0.00028
42.43	-169.71	0.00026	35.36	-176.78	0.00024
183.85	-42.43	0.00039	176.78	-49.50	0.00042
169.71	-56.57	0.00046	162.63	-63.64	0.00049
155.56	-70.71	0.00052	148.49	-77.78	0.00054
141.42	-84.85	0.00056	134.35	-91.92	0.00056
130.81	-95.46	0.00055	127.28	-98.99	0.00055
125.16	-101.12	0.00054	123.74	-102.53	0.00054
122.33	-103.94	0.00053	120.92	-105.36	0.00053
119.50	-106.77	0.00052	106.77	-119.50	0.00047
105.36	-120.92	0.00047	103.94	-122.33	0.00046

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00045	101.12	-125.16	0.00045
98.99	-127.28	0.00044	95.46	-130.81	0.00042
91.92	-134.35	0.00041	84.85	-141.42	0.00037
77.78	-148.49	0.00034	70.71	-155.56	0.00032
63.64	-162.63	0.00029	56.57	-169.71	0.00027
49.50	-176.78	0.00025	42.43	-183.85	0.00023
190.92	-49.50	0.00037	183.85	-56.57	0.00040
176.78	-63.64	0.00043	169.71	-70.71	0.00046
162.63	-77.78	0.00049	155.56	-84.85	0.00051
148.49	-91.92	0.00052	141.42	-98.99	0.00052
137.89	-102.53	0.00051	134.35	-106.07	0.00051
132.23	-108.19	0.00050	130.81	-109.60	0.00050
129.40	-111.02	0.00049	127.99	-112.43	0.00049
126.57	-113.84	0.00049	113.84	-126.57	0.00044
112.43	-127.99	0.00043	111.02	-129.40	0.00043
109.60	-130.81	0.00042	108.19	-132.23	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00041	102.53	-137.89	0.00039
98.99	-141.42	0.00038	91.92	-148.49	0.00035
84.85	-155.56	0.00033	77.78	-162.63	0.00030
70.71	-169.71	0.00028	63.64	-176.78	0.00026
56.57	-183.85	0.00024	49.50	-190.92	0.00022
197.99	-56.57	0.00036	190.92	-63.64	0.00039
183.85	-70.71	0.00041	176.78	-77.78	0.00044
169.71	-84.85	0.00046	162.63	-91.92	0.00048
155.56	-98.99	0.00048	148.49	-106.07	0.00048
144.96	-109.60	0.00048	141.42	-113.14	0.00047
139.30	-115.26	0.00047	137.89	-116.67	0.00046
136.47	-118.09	0.00046	135.06	-119.50	0.00046
133.64	-120.92	0.00045	120.92	-133.64	0.00041
119.50	-135.06	0.00041	118.09	-136.47	0.00040
116.67	-137.89	0.00040	115.26	-139.30	0.00039
113.14	-141.42	0.00038	109.60	-144.96	0.00037
106.07	-148.49	0.00036	98.99	-155.56	0.00033
91.92	-162.63	0.00031	84.85	-169.71	0.00029

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00027	70.71	-183.85	0.00025
63.64	-190.92	0.00023	56.57	-197.99	0.00021
205.06	-63.64	0.00034	197.99	-70.71	0.00037
190.92	-77.78	0.00039	183.85	-84.85	0.00042
176.78	-91.92	0.00043	169.71	-98.99	0.00045
162.63	-106.07	0.00045	155.56	-113.14	0.00045
152.03	-116.67	0.00044	148.49	-120.21	0.00044
146.37	-122.33	0.00043	144.96	-123.74	0.00043
143.54	-125.16	0.00043	142.13	-126.57	0.00042
140.71	-127.99	0.00042	127.99	-140.71	0.00038
126.57	-142.13	0.00038	125.16	-143.54	0.00038
123.74	-144.96	0.00037	122.33	-146.37	0.00037
120.21	-148.49	0.00036	116.67	-152.03	0.00035
113.14	-155.56	0.00034	106.07	-162.63	0.00031
98.99	-169.71	0.00029	91.92	-176.78	0.00027
84.85	-183.85	0.00025	77.78	-190.92	0.00024
70.71	-197.99	0.00022	63.64	-205.06	0.00020
212.13	-70.71	0.00033	205.06	-77.78	0.00035
197.99	-84.85	0.00038	190.92	-91.92	0.00039
183.85	-98.99	0.00041	176.78	-106.07	0.00042
169.71	-113.14	0.00042	162.63	-120.21	0.00042
159.10	-123.74	0.00041	155.56	-127.28	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00041	152.03	-130.81	0.00040
150.61	-132.23	0.00040	149.20	-133.64	0.00040
147.79	-135.06	0.00039	135.06	-147.79	0.00036
133.64	-149.20	0.00036	132.23	-150.61	0.00035
130.81	-152.03	0.00035	129.40	-153.44	0.00034
127.28	-155.56	0.00034	123.74	-159.10	0.00033
120.21	-162.63	0.00032	113.14	-169.71	0.00030
106.07	-176.78	0.00028	98.99	-183.85	0.00026
91.92	-190.92	0.00024	84.85	-197.99	0.00023
77.78	-205.06	0.00021	70.71	-212.13	0.00020
219.20	-77.78	0.00032	212.13	-84.85	0.00034
205.06	-91.92	0.00036	197.99	-98.99	0.00037



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00039	183.85	-113.14	0.00039
176.78	-120.21	0.00040	169.71	-127.28	0.00039
166.17	-130.81	0.00039	162.63	-134.35	0.00038
160.51	-136.47	0.00038	159.10	-137.89	0.00038
157.68	-139.30	0.00038	156.27	-140.71	0.00037
154.86	-142.13	0.00037	142.13	-154.86	0.00034
140.71	-156.27	0.00034	139.30	-157.68	0.00033
137.89	-159.10	0.00033	136.47	-160.51	0.00032
134.35	-162.63	0.00032	130.81	-166.17	0.00031
127.28	-169.71	0.00030	120.21	-176.78	0.00028
113.14	-183.85	0.00026	106.07	-190.92	0.00025
98.99	-197.99	0.00023	91.92	-205.06	0.00022
84.85	-212.13	0.00020	77.78	-219.20	0.00019
226.27	-84.85	0.00030	219.20	-91.92	0.00032
212.13	-98.99	0.00034	205.06	-106.07	0.00035
197.99	-113.14	0.00037	190.92	-120.21	0.00037
183.85	-127.28	0.00037	176.78	-134.35	0.00037
173.24	-137.89	0.00036	169.71	-141.42	0.00036
167.58	-143.54	0.00036	166.17	-144.96	0.00035
164.76	-146.37	0.00035	163.34	-147.79	0.00035
161.93	-149.20	0.00035	149.20	-161.93	0.00032
147.79	-163.34	0.00032	146.37	-164.76	0.00031
144.96	-166.17	0.00031	143.54	-167.58	0.00031
141.42	-169.71	0.00030	137.89	-173.24	0.00029
134.35	-176.78	0.00028	127.28	-183.85	0.00027
120.21	-190.92	0.00025	113.14	-197.99	0.00023
106.07	-205.06	0.00022	98.99	-212.13	0.00021
91.92	-219.20	0.00019	84.85	-226.27	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

15:09:05

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00029	226.27	-98.99	0.00031
219.20	-106.07	0.00032	212.13	-113.14	0.00034
205.06	-120.21	0.00035	197.99	-127.28	0.00035
190.92	-134.35	0.00035	183.85	-141.42	0.00035
180.31	-144.96	0.00034	176.78	-148.49	0.00034
174.66	-150.61	0.00034	173.24	-152.03	0.00033

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00033	170.41	-154.86	0.00033
169.00	-156.27	0.00033	156.27	-169.00	0.00030
154.86	-170.41	0.00030	153.44	-171.83	0.00030
152.03	-173.24	0.00029	150.61	-174.66	0.00029
148.49	-176.78	0.00029	144.96	-180.31	0.00028
141.42	-183.85	0.00027	134.35	-190.92	0.00025
127.28	-197.99	0.00024	120.21	-205.06	0.00022
113.14	-212.13	0.00021	106.07	-219.20	0.00020
98.99	-226.27	0.00019	91.92	-233.35	0.00017
240.42	-98.99	0.00028	233.35	-106.07	0.00030
226.27	-113.14	0.00031	219.20	-120.21	0.00032
212.13	-127.28	0.00033	205.06	-134.35	0.00033
197.99	-141.42	0.00033	190.92	-148.49	0.00033
187.38	-152.03	0.00032	183.85	-155.56	0.00032
181.73	-157.68	0.00032	180.31	-159.10	0.00031
178.90	-160.51	0.00031	177.48	-161.93	0.00031
176.07	-163.34	0.00031	163.34	-176.07	0.00029
161.93	-177.48	0.00028	160.51	-178.90	0.00028
159.10	-180.31	0.00028	157.68	-181.73	0.00027
155.56	-183.85	0.00027	152.03	-187.38	0.00026
148.49	-190.92	0.00026	141.42	-197.99	0.00024
134.35	-205.06	0.00023	127.28	-212.13	0.00021
120.21	-219.20	0.00020	113.14	-226.27	0.00019
106.07	-233.35	0.00018	98.99	-240.42	0.00017
247.49	-106.07	0.00027	240.42	-113.14	0.00028
233.35	-120.21	0.00030	226.27	-127.28	0.00030
219.20	-134.35	0.00031	212.13	-141.42	0.00031
205.06	-148.49	0.00031	197.99	-155.56	0.00031
194.45	-159.10	0.00031	190.92	-162.63	0.00030
188.80	-164.76	0.00030	187.38	-166.17	0.00030
185.97	-167.58	0.00030	184.55	-169.00	0.00029
183.14	-170.41	0.00029	170.41	-183.14	0.00027
169.00	-184.55	0.00027	167.58	-185.97	0.00027
166.17	-187.38	0.00026	164.76	-188.80	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00026	159.10	-194.45	0.00025
155.56	-197.99	0.00024	148.49	-205.06	0.00023
141.42	-212.13	0.00022	134.35	-219.20	0.00020
127.28	-226.27	0.00019	120.21	-233.35	0.00018
113.14	-240.42	0.00017	106.07	-247.49	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05

\*\*MODELOPTs:  
 PAGE 103

CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00011	-113.14	240.42	0.00013
-120.21	233.35	0.00015	-127.28	226.27	0.00017
-134.35	219.20	0.00020	-141.42	212.13	0.00025
-148.49	205.06	0.00032	-155.56	197.99	0.00044
-159.10	194.45	0.00052	-162.63	190.92	0.00062
-164.76	188.80	0.00068	-166.17	187.38	0.00073
-167.58	185.97	0.00078	-169.00	184.55	0.00083
-170.41	183.14	0.00087	-183.14	170.41	0.00097
-184.55	169.00	0.00094	-185.97	167.58	0.00092
-187.38	166.17	0.00089	-188.80	164.76	0.00086
-190.92	162.63	0.00082	-194.45	159.10	0.00075
-197.99	155.56	0.00068	-205.06	148.49	0.00055
-212.13	141.42	0.00045	-219.20	134.35	0.00037
-226.27	127.28	0.00031	-233.35	120.21	0.00026
-240.42	113.14	0.00022	-247.49	106.07	0.00019
-98.99	240.42	0.00012	-106.07	233.35	0.00014
-113.14	226.27	0.00016	-120.21	219.20	0.00019
-127.28	212.13	0.00023	-134.35	205.06	0.00028
-141.42	197.99	0.00036	-148.49	190.92	0.00048
-152.03	187.38	0.00057	-155.56	183.85	0.00069
-157.68	181.73	0.00078	-159.10	180.31	0.00085
-160.51	178.90	0.00092	-161.93	177.48	0.00099
-163.34	176.07	0.00107	-176.07	163.34	0.00119
-177.48	161.93	0.00115	-178.90	160.51	0.00110
-180.31	159.10	0.00105	-181.73	157.68	0.00100
-183.85	155.56	0.00093	-187.38	152.03	0.00083
-190.92	148.49	0.00074	-197.99	141.42	0.00059
-205.06	134.35	0.00048	-212.13	127.28	0.00039
-219.20	120.21	0.00032	-226.27	113.14	0.00027

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00023	-240.42	98.99	0.00020
-91.92	233.35	0.00013	-98.99	226.27	0.00015
-106.07	219.20	0.00017	-113.14	212.13	0.00021
-120.21	205.06	0.00025	-127.28	197.99	0.00032
-134.35	190.92	0.00041	-141.42	183.85	0.00055
-144.96	180.31	0.00066	-148.49	176.78	0.00079
-150.61	174.66	0.00090	-152.03	173.24	0.00097
-153.44	171.83	0.00106	-154.86	170.41	0.00116
-156.27	169.00	0.00127	-169.00	156.27	0.00142
-170.41	154.86	0.00132	-171.83	153.44	0.00124
-173.24	152.03	0.00117	-174.66	150.61	0.00110

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00101	-180.31	144.96	0.00089
-183.85	141.42	0.00079	-190.92	134.35	0.00063
-197.99	127.28	0.00051	-205.06	120.21	0.00042
-212.13	113.14	0.00035	-219.20	106.07	0.00029
-226.27	99.00	0.00025	-233.35	91.92	0.00022
-84.85	226.27	0.00014	-91.92	219.20	0.00016
-98.99	212.13	0.00019	-106.07	205.06	0.00023
-113.14	197.99	0.00028	-120.21	190.92	0.00035
-127.28	183.85	0.00046	-134.35	176.78	0.00063
-137.89	173.24	0.00076	-141.42	169.71	0.00093
-143.54	167.58	0.00106	-144.96	166.17	0.00117
-146.37	164.76	0.00129	-147.79	163.34	0.00144
-149.20	161.93	0.00165	-161.93	149.20	0.00165
-163.34	147.79	0.00151	-164.76	146.37	0.00140
-166.17	144.96	0.00130	-167.58	143.54	0.00123
-169.71	141.42	0.00112	-173.24	137.89	0.00099
-176.78	134.35	0.00087	-183.85	127.28	0.00069
-190.92	120.21	0.00056	-197.99	113.14	0.00045
-205.06	106.07	0.00038	-212.13	99.00	0.00032
-219.20	91.92	0.00027	-226.27	84.85	0.00024
-77.78	219.20	0.00015	-84.85	212.13	0.00017
-91.92	205.06	0.00021	-98.99	197.99	0.00025
-106.07	190.92	0.00031	-113.14	183.85	0.00040



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00570	-140.71	127.99	0.00320
-142.13	126.57	0.00274	-143.54	125.16	0.00239
-144.96	123.74	0.00212	-146.37	122.33	0.00191
-148.49	120.21	0.00165	-152.03	116.67	0.00134
-155.56	113.14	0.00112	-162.63	106.07	0.00083
-169.71	98.99	0.00066	-176.78	91.92	0.00054
-183.85	84.85	0.00045	-190.92	77.78	0.00038
-197.99	70.71	0.00032	-205.06	63.64	0.00028
-56.57	197.99	0.00019	-63.64	190.92	0.00024
-70.71	183.85	0.00030	-77.78	176.78	0.00039
-84.85	169.71	0.00052	-91.92	162.63	0.00073
-98.99	155.56	0.00110	-106.07	148.49	0.00182
-109.60	144.96	0.00240	-113.14	141.42	0.00324
-115.26	139.30	0.00391	-116.67	137.89	0.00445
-118.09	136.47	0.00508	-119.50	135.06	0.00580
-120.92	133.64	0.00663	-133.64	120.92	0.00365
-135.06	119.50	0.00314	-136.47	118.09	0.00275
-137.89	116.67	0.00243	-139.30	115.26	0.00218
-141.42	113.14	0.00187	-144.96	109.60	0.00149
-148.49	106.07	0.00123	-155.56	98.99	0.00090
-162.63	91.92	0.00070	-169.71	84.85	0.00056
-176.78	77.78	0.00047	-183.85	70.71	0.00039
-190.92	63.64	0.00033	-197.99	56.57	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 106

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00022	-56.57	183.85	0.00027
-63.64	176.78	0.00034	-70.71	169.71	0.00045
-77.78	162.63	0.00062	-84.85	155.56	0.00089
-91.92	148.49	0.00136	-98.99	141.42	0.00221
-102.53	137.89	0.00288	-106.07	134.35	0.00381
-108.19	132.23	0.00453	-109.60	130.81	0.00510
-111.02	129.40	0.00574	-112.43	127.99	0.00647
-113.84	126.57	0.00730	-126.57	113.84	0.00400
-127.99	112.43	0.00344	-129.40	111.02	0.00302
-130.81	109.60	0.00268	-132.23	108.19	0.00240
-134.35	106.07	0.00206	-137.89	102.53	0.00164

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00134	-148.49	91.92	0.00097
-155.56	84.85	0.00075	-162.63	77.78	0.00059
-169.71	70.71	0.00048	-176.78	63.64	0.00041
-183.85	56.57	0.00035	-190.92	49.50	0.00030
-42.43	183.85	0.00024	-49.50	176.78	0.00030
-56.57	169.71	0.00039	-63.64	162.63	0.00052
-70.71	155.56	0.00073	-77.78	148.49	0.00106
-84.85	141.42	0.00162	-91.92	134.35	0.00257
-95.46	130.81	0.00329	-98.99	127.28	0.00427
-101.12	125.16	0.00502	-102.53	123.74	0.00559
-103.94	122.33	0.00623	-105.36	120.92	0.00694
-106.77	119.50	0.00776	-119.50	106.77	0.00422
-120.92	105.36	0.00364	-122.33	103.94	0.00320
-123.74	102.53	0.00284	-125.16	101.12	0.00255
-127.28	98.99	0.00219	-130.81	95.46	0.00176
-134.35	91.92	0.00145	-141.42	84.85	0.00105
-148.49	77.78	0.00080	-155.56	70.71	0.00063
-162.63	63.64	0.00051	-169.71	56.57	0.00042
-176.78	49.50	0.00036	-183.85	42.43	0.00031
-35.36	176.78	0.00027	-42.43	169.71	0.00034
-49.50	162.63	0.00045	-56.57	155.56	0.00060
-63.64	148.49	0.00085	-70.71	141.42	0.00123
-77.78	134.35	0.00184	-84.85	127.28	0.00287
-88.39	123.74	0.00364	-91.92	120.21	0.00465
-94.05	118.09	0.00539	-95.46	116.67	0.00596
-96.87	115.26	0.00658	-98.29	113.84	0.00727
-99.70	112.43	0.00805	-112.43	99.70	0.00433
-113.84	98.29	0.00374	-115.26	96.87	0.00330
-116.67	95.46	0.00295	-118.09	94.05	0.00266

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00231	-123.74	88.39	0.00187
-127.28	84.85	0.00155	-134.35	77.78	0.00112
-141.42	70.71	0.00085	-148.49	63.64	0.00067
-155.56	56.57	0.00054	-162.63	49.50	0.00044
-169.71	42.43	0.00036	-176.78	35.36	0.00031

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00030	-35.36	162.63	0.00039
-42.43	155.56	0.00051	-49.50	148.49	0.00069
-56.57	141.42	0.00096	-63.64	134.35	0.00138
-70.71	127.28	0.00204	-77.78	120.21	0.00311
-81.32	116.67	0.00390	-84.85	113.14	0.00492
-86.97	111.02	0.00566	-88.39	109.60	0.00622
-89.80	108.19	0.00683	-91.22	106.77	0.00750
-92.63	105.36	0.00824	-105.36	92.63	0.00437
-106.77	91.22	0.00382	-108.19	89.80	0.00339
-109.60	88.39	0.00306	-111.02	86.97	0.00277
-113.14	84.85	0.00242	-116.67	81.32	0.00197
-120.21	77.78	0.00164	-127.28	70.71	0.00118
-134.35	63.64	0.00088	-141.42	56.57	0.00068
-148.49	49.50	0.00055	-155.56	42.43	0.00044
-162.63	35.36	0.00037	-169.71	28.28	0.00031
-21.21	162.63	0.00034	-28.28	155.56	0.00044
-35.36	148.49	0.00058	-42.43	141.42	0.00078
-49.50	134.35	0.00107	-56.57	127.28	0.00152
-63.64	120.21	0.00220	-70.71	113.14	0.00330
-74.25	109.60	0.00409	-77.78	106.07	0.00508
-79.90	103.94	0.00580	-81.32	102.53	0.00633
-82.73	101.12	0.00691	-84.15	99.70	0.00753
-85.56	98.29	0.00817	-98.29	85.56	0.00435
-99.70	84.15	0.00384	-101.12	82.73	0.00343
-102.53	81.32	0.00309	-103.94	79.90	0.00281
-106.07	77.78	0.00246	-109.60	74.25	0.00202
-113.14	70.71	0.00168	-120.21	63.64	0.00121
-127.28	56.57	0.00090	-134.35	49.50	0.00069
-141.42	42.43	0.00055	-148.49	35.36	0.00045
-155.56	28.28	0.00037	-162.63	21.21	0.00031
-14.14	155.56	0.00038	-21.21	148.49	0.00049
-28.28	141.42	0.00064	-35.36	134.35	0.00086
-42.43	127.28	0.00117	-49.50	120.21	0.00162
-56.57	113.14	0.00232	-63.64	106.07	0.00338
-67.18	102.53	0.00411	-70.71	98.99	0.00499

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00559	-74.25	95.46	0.00600
-75.66	94.05	0.00640	-77.07	92.63	0.00678
-78.49	91.22	0.00709	-91.22	78.49	0.00405
-92.63	77.07	0.00367	-94.05	75.66	0.00334
-95.46	74.25	0.00305	-96.87	72.83	0.00280
-98.99	70.71	0.00247	-102.53	67.18	0.00203
-106.07	63.64	0.00170	-113.14	56.57	0.00122
-120.21	49.50	0.00091	-127.28	42.43	0.00070
-134.35	35.36	0.00056	-141.42	28.28	0.00045
-148.49	21.21	0.00037	-155.56	14.14	0.00031
-7.07	148.49	0.00042	-14.14	141.42	0.00054
-21.21	134.35	0.00070	-28.28	127.28	0.00092
-35.36	120.21	0.00124	-42.43	113.14	0.00169
-49.50	106.07	0.00235	-56.57	98.99	0.00331
-60.10	95.46	0.00392	-63.64	91.92	0.00458
-65.76	89.80	0.00498	-67.18	88.39	0.00523
-68.59	86.97	0.00546	-70.00	85.56	0.00564
-71.42	84.15	0.00575	-84.15	71.42	0.00360
-85.56	70.00	0.00332	-86.97	68.59	0.00307
-88.39	67.18	0.00285	-89.80	65.76	0.00265
-91.92	63.64	0.00237	-95.46	60.10	0.00199
-98.99	56.57	0.00169	-106.07	49.50	0.00123
-113.14	42.43	0.00092	-120.21	35.36	0.00071
-127.28	28.28	0.00056	-134.35	21.21	0.00045
-141.42	14.14	0.00037	-148.49	7.07	0.00031
0.00	141.42	0.00045	-7.07	134.35	0.00058
-14.14	127.28	0.00074	-21.21	120.21	0.00097
-28.28	113.14	0.00128	-35.36	106.07	0.00171
-42.43	98.99	0.00231	-49.50	91.92	0.00310
-53.03	88.39	0.00356	-56.57	84.85	0.00402
-58.69	82.73	0.00427	-60.10	81.32	0.00442
-61.52	79.90	0.00453	-62.93	78.49	0.00461
-64.35	77.07	0.00463	-77.07	64.35	0.00311
-78.49	62.93	0.00292	-79.90	61.52	0.00274
-81.32	60.10	0.00257	-82.73	58.69	0.00241
-84.85	56.57	0.00220	-88.39	53.03	0.00188
-91.92	49.50	0.00162	-98.99	42.43	0.00122
-106.07	35.36	0.00093	-113.14	28.28	0.00072
-120.21	21.21	0.00056	-127.28	14.14	0.00045
-134.35	7.07	0.00037	-141.42	0.00	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:09:05

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00048	0.00	127.28	0.00061
-7.07	120.21	0.00078	-14.14	113.14	0.00100
-21.21	106.07	0.00129	-28.28	98.99	0.00169
-35.36	91.92	0.00220	-42.43	84.85	0.00282
-45.96	81.32	0.00316	-49.50	77.78	0.00347
-51.62	75.66	0.00362	-53.03	74.25	0.00370
-54.45	72.83	0.00375	-55.86	71.42	0.00377
-57.28	70.00	0.00376	-70.00	57.28	0.00268
-71.42	55.86	0.00253	-72.83	54.45	0.00240
-74.25	53.03	0.00227	-75.66	51.62	0.00215
-77.78	49.50	0.00199	-81.32	45.96	0.00174
-84.85	42.43	0.00152	-91.92	35.36	0.00117
-98.99	28.28	0.00091	-106.07	21.21	0.00072
-113.14	14.14	0.00057	-120.21	7.07	0.00046
-127.28	0.00	0.00038	-134.35	-7.07	0.00031
14.14	127.28	0.00051	7.07	120.21	0.00063
0.00	113.14	0.00080	-7.07	106.07	0.00101
-14.14	98.99	0.00128	-21.21	91.92	0.00162
-28.28	84.85	0.00205	-35.36	77.78	0.00253
-38.89	74.25	0.00277	-42.43	70.71	0.00298
-44.55	68.59	0.00307	-45.96	67.18	0.00310
-47.38	65.76	0.00312	-48.79	64.35	0.00312
-50.20	62.93	0.00310	-62.93	50.20	0.00230
-64.35	48.79	0.00220	-65.76	47.38	0.00209
-67.18	45.96	0.00200	-68.59	44.55	0.00191
-70.71	42.43	0.00178	-74.25	38.89	0.00158
-77.78	35.36	0.00141	-84.85	28.28	0.00111
-91.92	21.21	0.00088	-98.99	14.14	0.00070
-106.07	7.07	0.00057	-113.14	0.00	0.00046
-120.21	-7.07	0.00038	-127.28	-14.14	0.00032
21.21	120.21	0.00053	14.14	113.14	0.00065
7.07	106.07	0.00080	0.00	98.99	0.00100
-7.07	91.92	0.00124	-14.14	84.85	0.00154
-21.21	77.78	0.00188	-28.28	70.71	0.00226
-31.82	67.18	0.00243	-35.36	63.64	0.00256
-37.48	61.52	0.00260	-38.89	60.10	0.00262
-40.31	58.69	0.00262	-41.72	57.28	0.00261

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00258	-55.86	43.13	0.00199
-57.28	41.72	0.00191	-58.69	40.31	0.00183
-60.10	38.89	0.00176	-61.52	37.48	0.00168

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00158	-67.18	31.82	0.00143
-70.71	28.28	0.00129	-77.78	21.21	0.00105
-84.85	14.14	0.00084	-91.92	7.07	0.00068
-98.99	0.00	0.00056	-106.07	-7.07	0.00046
-113.14	-14.14	0.00038	-120.21	-21.21	0.00032
28.28	113.14	0.00054	21.21	106.07	0.00066
14.14	98.99	0.00080	7.07	91.92	0.00098
0.00	84.85	0.00119	-7.07	77.78	0.00144
-14.14	70.71	0.00172	-21.21	63.64	0.00201
-24.75	60.10	0.00213	-28.28	56.57	0.00220
-30.41	54.45	0.00223	-31.82	53.03	0.00223
-33.23	51.62	0.00223	-34.65	50.20	0.00221
-36.06	48.79	0.00219	-48.79	36.06	0.00173
-50.20	34.65	0.00167	-51.62	33.23	0.00161
-53.03	31.82	0.00155	-54.45	30.41	0.00149
-56.57	28.28	0.00141	-60.10	24.75	0.00128
-63.64	21.21	0.00117	-70.71	14.14	0.00097
-77.78	7.07	0.00080	-84.85	0.00	0.00066
-91.92	-7.07	0.00054	-98.99	-14.14	0.00045
-106.07	-21.21	0.00038	-113.14	-28.28	0.00032
35.36	106.07	0.00055	28.28	98.99	0.00066
21.21	91.92	0.00079	14.14	84.85	0.00094
7.07	77.78	0.00113	0.00	70.71	0.00134
-7.07	63.64	0.00157	-14.14	56.57	0.00179
-17.68	53.03	0.00187	-21.21	49.50	0.00191
-23.33	47.38	0.00192	-24.75	45.96	0.00192
-26.16	44.55	0.00191	-27.58	43.13	0.00189
-28.99	41.72	0.00187	-41.72	28.99	0.00151
-43.13	27.58	0.00146	-44.55	26.16	0.00142
-45.96	24.75	0.00137	-47.38	23.33	0.00133
-49.50	21.21	0.00126	-53.03	17.68	0.00116

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00106	-63.64	7.07	0.00090
-70.71	0.00	0.00076	-77.78	-7.07	0.00063
-84.85	-14.14	0.00053	-91.92	-21.21	0.00044
-98.99	-28.28	0.00037	-106.07	-35.36	0.00032
42.43	98.99	0.00055	35.36	91.92	0.00065
28.28	84.85	0.00076	21.21	77.78	0.00090
14.14	70.71	0.00106	7.07	63.64	0.00124
0.00	56.57	0.00143	-7.07	49.50	0.00159
-10.61	45.96	0.00164	-14.14	42.43	0.00167

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00167	-17.68	38.89	0.00166
-19.09	37.48	0.00165	-20.51	36.06	0.00164
-21.92	34.65	0.00162	-34.65	21.92	0.00133
-36.06	20.51	0.00129	-37.48	19.09	0.00126
-38.89	17.68	0.00122	-40.31	16.26	0.00118
-42.43	14.14	0.00113	-45.96	10.61	0.00105
-49.50	7.07	0.00097	-56.57	0.00	0.00083
-63.64	-7.07	0.00071	-70.71	-14.14	0.00060
-77.78	-21.21	0.00051	-84.85	-28.28	0.00043
-91.92	-35.36	0.00037	-98.99	-42.43	0.00031
49.50	91.92	0.00054	42.43	84.85	0.00063
35.36	77.78	0.00074	28.28	70.71	0.00086
21.21	63.64	0.00100	14.14	56.57	0.00115
7.07	49.50	0.00130	0.00	42.43	0.00142
-3.54	38.89	0.00145	-7.07	35.36	0.00147
-9.19	33.23	0.00146	-10.61	31.82	0.00146
-12.02	30.41	0.00145	-13.44	28.99	0.00143
-14.85	27.58	0.00142	-27.58	14.85	0.00118
-28.99	13.44	0.00115	-30.41	12.02	0.00112
-31.82	10.61	0.00109	-33.23	9.19	0.00106
-35.36	7.07	0.00102	-38.89	3.54	0.00095
-42.43	0.00	0.00088	-49.50	-7.07	0.00076
-56.57	-14.14	0.00066	-63.64	-21.21	0.00057
-70.71	-28.28	0.00049	-77.78	-35.36	0.00042
-84.85	-42.43	0.00036	-91.92	-49.50	0.00031

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00053	49.50	77.78	0.00061
42.43	70.71	0.00071	35.36	63.64	0.00081
28.28	56.57	0.00094	21.21	49.50	0.00106
14.14	42.43	0.00118	7.07	35.36	0.00127
3.54	31.82	0.00129	0.00	28.28	0.00130
-2.12	26.16	0.00129	-3.54	24.75	0.00128
-4.95	23.33	0.00127	-6.36	21.92	0.00126
-7.78	20.51	0.00125	-20.51	7.78	0.00105
-21.92	6.36	0.00103	-23.33	4.95	0.00101
-24.75	3.54	0.00098	-26.16	2.12	0.00096
-28.28	0.00	0.00092	-31.82	-3.54	0.00086
-35.36	-7.07	0.00081	-42.43	-14.14	0.00071
-49.50	-21.21	0.00062	-56.57	-28.28	0.00054
-63.64	-35.36	0.00047	-70.71	-42.43	0.00040
-77.78	-49.50	0.00035	-84.85	-56.57	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00052	56.57	70.71	0.00059
49.50	63.64	0.00068	42.43	56.57	0.00077
35.36	49.50	0.00088	28.28	42.43	0.00098
21.21	35.36	0.00108	14.14	28.28	0.00114
10.61	24.75	0.00115	7.07	21.21	0.00115
4.95	19.09	0.00115	3.54	17.68	0.00114
2.12	16.26	0.00113	0.71	14.85	0.00112
-0.71	13.44	0.00111	-13.44	0.71	0.00095
-14.85	-0.71	0.00093	-16.26	-2.12	0.00091
-17.68	-3.54	0.00089	-19.09	-4.95	0.00087
-21.21	-7.07	0.00083	-24.75	-10.61	0.00078
-28.28	-14.14	0.00074	-35.36	-21.21	0.00065
-42.43	-28.28	0.00058	-49.50	-35.36	0.00051
-56.57	-42.43	0.00045	-63.64	-49.50	0.00039
-70.71	-56.57	0.00034	-77.78	-63.64	0.00029
70.71	70.71	0.00050	63.64	63.64	0.00057
56.57	56.57	0.00065	49.50	49.50	0.00073
42.43	42.43	0.00082	35.36	35.36	0.00091
28.28	28.28	0.00099	21.21	21.21	0.00103

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00104	14.14	14.14	0.00103
12.02	12.02	0.00103	10.61	10.61	0.00102
9.19	9.19	0.00101	7.78	7.78	0.00100
6.36	6.36	0.00099	-6.36	-6.36	0.00086
-7.78	-7.78	0.00084	-9.19	-9.19	0.00082
-10.61	-10.61	0.00080	-12.02	-12.02	0.00079
-14.14	-14.14	0.00076	-17.68	-17.68	0.00072
-21.21	-21.21	0.00068	-28.28	-28.28	0.00060
-35.36	-35.36	0.00054	-42.43	-42.43	0.00048
-49.50	-49.50	0.00042	-56.57	-56.57	0.00037
-63.64	-63.64	0.00033	-70.71	-70.71	0.00029
77.78	63.64	0.00048	70.71	56.57	0.00055
63.64	49.50	0.00062	56.57	42.43	0.00069
49.50	35.36	0.00077	42.43	28.28	0.00084
35.36	21.21	0.00090	28.28	14.14	0.00093
24.75	10.61	0.00094	21.21	7.07	0.00093
19.09	4.95	0.00092	17.68	3.54	0.00092
16.26	2.12	0.00091	14.85	0.71	0.00090
13.44	-0.71	0.00089	0.71	-13.44	0.00078
-0.71	-14.85	0.00076	-2.12	-16.26	0.00075
-3.54	-17.68	0.00073	-4.95	-19.09	0.00072

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00070	-10.61	-24.75	0.00066
-14.14	-28.28	0.00062	-21.21	-35.36	0.00056
-28.28	-42.43	0.00050	-35.36	-49.50	0.00045
-42.43	-56.57	0.00040	-49.50	-63.64	0.00036
-56.57	-70.71	0.00032	-63.64	-77.78	0.00028
84.85	56.57	0.00047	77.78	49.50	0.00052
70.71	42.43	0.00059	63.64	35.36	0.00065
56.57	28.28	0.00072	49.50	21.21	0.00078
42.43	14.14	0.00083	35.36	7.07	0.00085
31.82	3.54	0.00085	28.28	0.00	0.00084
26.16	-2.12	0.00084	24.75	-3.54	0.00083
23.33	-4.95	0.00082	21.92	-6.36	0.00082
20.51	-7.78	0.00081	7.78	-20.51	0.00071

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00070	4.95	-23.33	0.00068
3.54	-24.75	0.00067	2.12	-26.16	0.00066
0.00	-28.28	0.00064	-3.54	-31.82	0.00061
-7.07	-35.36	0.00058	-14.14	-42.43	0.00052
-21.21	-49.50	0.00047	-28.28	-56.57	0.00042
-35.36	-63.64	0.00038	-42.43	-70.71	0.00034
-49.50	-77.78	0.00031	-56.57	-84.85	0.00027
91.92	49.50	0.00045	84.85	42.43	0.00050
77.78	35.36	0.00056	70.71	28.28	0.00062
63.64	21.21	0.00067	56.57	14.14	0.00072
49.50	7.07	0.00076	42.43	0.00	0.00077
38.89	-3.54	0.00077	35.36	-7.07	0.00077
33.23	-9.19	0.00076	31.82	-10.61	0.00075
30.41	-12.02	0.00075	28.99	-13.44	0.00074
27.58	-14.85	0.00073	14.85	-27.58	0.00065
13.44	-28.99	0.00064	12.02	-30.41	0.00063
10.61	-31.82	0.00062	9.19	-33.23	0.00061
7.07	-35.36	0.00059	3.54	-38.89	0.00056
0.00	-42.43	0.00054	-7.07	-49.50	0.00049
-14.14	-56.57	0.00044	-21.21	-63.64	0.00040
-28.28	-70.71	0.00036	-35.36	-77.78	0.00033
-42.43	-84.85	0.00029	-49.50	-91.92	0.00026
98.99	42.43	0.00043	91.92	35.36	0.00048
84.85	28.28	0.00053	77.78	21.21	0.00058
70.71	14.14	0.00063	63.64	7.07	0.00067
56.57	0.00	0.00070	49.50	-7.07	0.00071
45.96	-10.61	0.00071	42.43	-14.14	0.00070

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00069	38.89	-17.68	0.00069
37.48	-19.09	0.00068	36.06	-20.51	0.00068
34.65	-21.92	0.00067	21.92	-34.65	0.00060
20.51	-36.06	0.00059	19.09	-37.48	0.00058
17.68	-38.89	0.00057	16.26	-40.31	0.00056
14.14	-42.43	0.00054	10.61	-45.96	0.00052
7.07	-49.50	0.00050	0.00	-56.57	0.00045

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00041	-14.14	-70.71	0.00038
-21.21	-77.78	0.00034	-28.28	-84.85	0.00031
-35.36	-91.92	0.00028	-42.43	-98.99	0.00026
106.07	35.36	0.00042	98.99	28.28	0.00046
91.92	21.21	0.00051	84.85	14.14	0.00055
77.78	7.07	0.00059	70.71	0.00	0.00063
63.64	-7.07	0.00065	56.57	-14.14	0.00065
53.03	-17.68	0.00065	49.50	-21.21	0.00064
47.38	-23.33	0.00064	45.96	-24.75	0.00063
44.55	-26.16	0.00063	43.13	-27.58	0.00062
41.72	-28.99	0.00062	28.99	-41.72	0.00055
27.58	-43.13	0.00054	26.16	-44.55	0.00053
24.75	-45.96	0.00053	23.33	-47.38	0.00052
21.21	-49.50	0.00050	17.68	-53.03	0.00048
14.14	-56.57	0.00046	7.07	-63.64	0.00042
0.00	-70.71	0.00039	-7.07	-77.78	0.00036
-14.14	-84.85	0.00033	-21.21	-91.92	0.00030
-28.28	-98.99	0.00027	-35.36	-106.07	0.00025
113.14	28.28	0.00040	106.07	21.21	0.00044
98.99	14.14	0.00048	91.92	7.07	0.00052
84.85	0.00	0.00056	77.78	-7.07	0.00058
70.71	-14.14	0.00060	63.64	-21.21	0.00060
60.10	-24.75	0.00060	56.57	-28.28	0.00059
54.45	-30.41	0.00059	53.03	-31.82	0.00058
51.62	-33.23	0.00058	50.20	-34.65	0.00057
48.79	-36.06	0.00057	36.06	-48.79	0.00051
34.65	-50.20	0.00050	33.23	-51.62	0.00049
31.82	-53.03	0.00049	30.41	-54.45	0.00048
28.28	-56.57	0.00047	24.75	-60.10	0.00045
21.21	-63.64	0.00043	14.14	-70.71	0.00040
7.07	-77.78	0.00037	0.00	-84.85	0.00034
-7.07	-91.92	0.00031	-14.14	-98.99	0.00028
-21.21	-106.07	0.00026	-28.28	-113.14	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00039	113.14	14.14	0.00042



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00046	98.99	0.00	0.00049
91.92	-7.07	0.00052	84.85	-14.14	0.00054
77.78	-21.21	0.00056	70.71	-28.28	0.00056
67.18	-31.82	0.00055	63.64	-35.36	0.00055
61.52	-37.48	0.00054	60.10	-38.89	0.00054
58.69	-40.31	0.00053	57.28	-41.72	0.00053
55.86	-43.13	0.00052	43.13	-55.86	0.00047
41.72	-57.28	0.00047	40.31	-58.69	0.00046
38.89	-60.10	0.00045	37.48	-61.52	0.00045
35.36	-63.64	0.00044	31.82	-67.18	0.00042
28.28	-70.71	0.00041	21.21	-77.78	0.00037
14.14	-84.85	0.00034	7.07	-91.92	0.00032
0.00	-98.99	0.00029	-7.07	-106.07	0.00027
-14.14	-113.14	0.00025	-21.21	-120.21	0.00023
127.28	14.14	0.00037	120.21	7.07	0.00040
113.14	0.00	0.00043	106.07	-7.07	0.00046
98.99	-14.14	0.00049	91.92	-21.21	0.00051
84.85	-28.28	0.00052	77.78	-35.36	0.00052
74.25	-38.89	0.00051	70.71	-42.43	0.00051
68.59	-44.55	0.00050	67.18	-45.96	0.00050
65.76	-47.38	0.00049	64.35	-48.79	0.00049
62.93	-50.20	0.00049	50.20	-62.93	0.00044
48.79	-64.35	0.00043	47.38	-65.76	0.00043
45.96	-67.18	0.00042	44.55	-68.59	0.00042
42.43	-70.71	0.00041	38.89	-74.25	0.00039
35.36	-77.78	0.00038	28.28	-84.85	0.00035
21.21	-91.92	0.00033	14.14	-98.99	0.00030
7.07	-106.07	0.00028	0.00	-113.14	0.00026
-7.07	-120.21	0.00024	-14.14	-127.28	0.00022
134.35	7.07	0.00036	127.28	0.00	0.00039
120.21	-7.07	0.00041	113.14	-14.14	0.00044
106.07	-21.21	0.00046	98.99	-28.28	0.00048
91.92	-35.36	0.00048	84.85	-42.43	0.00048
81.32	-45.96	0.00048	77.78	-49.50	0.00047
75.66	-51.62	0.00047	74.25	-53.03	0.00046
72.83	-54.45	0.00046	71.42	-55.86	0.00046
70.00	-57.28	0.00045	57.28	-70.00	0.00041
55.86	-71.42	0.00041	54.45	-72.83	0.00040
53.03	-74.25	0.00040	51.62	-75.66	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00038	45.96	-81.32	0.00037
42.43	-84.85	0.00036	35.36	-91.92	0.00033
28.28	-98.99	0.00031	21.21	-106.07	0.00029
14.14	-113.14	0.00027	7.07	-120.21	0.00025
0.00	-127.28	0.00023	-7.07	-134.35	0.00021
141.42	0.00	0.00034	134.35	-7.07	0.00037
127.28	-14.14	0.00039	120.21	-21.21	0.00042
113.14	-28.28	0.00043	106.07	-35.36	0.00045
98.99	-42.43	0.00045	91.92	-49.50	0.00045
88.39	-53.03	0.00044	84.85	-56.57	0.00044
82.73	-58.69	0.00043	81.32	-60.10	0.00043
79.90	-61.52	0.00043	78.49	-62.93	0.00042
77.07	-64.35	0.00042	64.35	-77.07	0.00038
62.93	-78.49	0.00038	61.52	-79.90	0.00038
60.10	-81.32	0.00037	58.69	-82.73	0.00037
56.57	-84.85	0.00036	53.03	-88.39	0.00035
49.50	-91.92	0.00034	42.43	-98.99	0.00031
35.36	-106.07	0.00029	28.28	-113.14	0.00027
21.21	-120.21	0.00025	14.14	-127.28	0.00024
7.07	-134.35	0.00022	0.00	-141.42	0.00020
148.49	-7.07	0.00033	141.42	-14.14	0.00035
134.35	-21.21	0.00038	127.28	-28.28	0.00039
120.21	-35.36	0.00041	113.14	-42.43	0.00042
106.07	-49.50	0.00042	98.99	-56.57	0.00042
95.46	-60.10	0.00041	91.92	-63.64	0.00041
89.80	-65.76	0.00041	88.39	-67.18	0.00040
86.97	-68.59	0.00040	85.56	-70.00	0.00040
84.15	-71.42	0.00039	71.42	-84.15	0.00036
70.00	-85.56	0.00036	68.59	-86.97	0.00035
67.18	-88.39	0.00035	65.76	-89.80	0.00034
63.64	-91.92	0.00034	60.10	-95.46	0.00033
56.57	-98.99	0.00032	49.50	-106.07	0.00030
42.43	-113.14	0.00028	35.36	-120.21	0.00026
28.28	-127.28	0.00024	21.21	-134.35	0.00023
14.14	-141.42	0.00021	7.07	-148.49	0.00020
155.56	-14.14	0.00032	148.49	-21.21	0.00034
141.42	-28.28	0.00036	134.35	-35.36	0.00037
127.28	-42.43	0.00039	120.21	-49.50	0.00039
113.14	-56.57	0.00040	106.07	-63.64	0.00039



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00030	89.80	-108.19	0.00030
88.39	-109.60	0.00029	86.97	-111.02	0.00029
84.85	-113.14	0.00029	81.32	-116.67	0.00028
77.78	-120.21	0.00027	70.71	-127.28	0.00025
63.64	-134.35	0.00024	56.57	-141.42	0.00022
49.50	-148.49	0.00021	42.43	-155.56	0.00020
35.36	-162.63	0.00019	28.28	-169.71	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00028	169.71	-42.43	0.00030
162.63	-49.50	0.00031	155.56	-56.57	0.00032
148.49	-63.64	0.00033	141.42	-70.71	0.00033
134.35	-77.78	0.00033	127.28	-84.85	0.00033
123.74	-88.39	0.00032	120.21	-91.92	0.00032
118.09	-94.05	0.00032	116.67	-95.46	0.00031
115.26	-96.87	0.00031	113.84	-98.29	0.00031
112.43	-99.70	0.00031	99.70	-112.43	0.00029
98.29	-113.84	0.00028	96.87	-115.26	0.00028
95.46	-116.67	0.00028	94.05	-118.09	0.00027
91.92	-120.21	0.00027	88.39	-123.74	0.00026
84.85	-127.28	0.00026	77.78	-134.35	0.00024
70.71	-141.42	0.00023	63.64	-148.49	0.00021
56.57	-155.56	0.00020	49.50	-162.63	0.00019
42.43	-169.71	0.00018	35.36	-176.78	0.00017
183.85	-42.43	0.00027	176.78	-49.50	0.00028
169.71	-56.57	0.00030	162.63	-63.64	0.00030
155.56	-70.71	0.00031	148.49	-77.78	0.00031
141.42	-84.85	0.00031	134.35	-91.92	0.00031
130.81	-95.46	0.00031	127.28	-98.99	0.00030
125.16	-101.12	0.00030	123.74	-102.53	0.00030
122.33	-103.94	0.00030	120.92	-105.36	0.00029
119.50	-106.77	0.00029	106.77	-119.50	0.00027
105.36	-120.92	0.00027	103.94	-122.33	0.00027
102.53	-123.74	0.00026	101.12	-125.16	0.00026
98.99	-127.28	0.00026	95.46	-130.81	0.00025
91.92	-134.35	0.00024	84.85	-141.42	0.00023

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00022	70.71	-155.56	0.00020
63.64	-162.63	0.00019	56.57	-169.71	0.00018
49.50	-176.78	0.00017	42.43	-183.85	0.00016
190.92	-49.50	0.00026	183.85	-56.57	0.00027
176.78	-63.64	0.00028	169.71	-70.71	0.00029
162.63	-77.78	0.00030	155.56	-84.85	0.00030
148.49	-91.92	0.00030	141.42	-98.99	0.00029
137.89	-102.53	0.00029	134.35	-106.07	0.00029
132.23	-108.19	0.00028	130.81	-109.60	0.00028
129.40	-111.02	0.00028	127.99	-112.43	0.00028
126.57	-113.84	0.00028	113.84	-126.57	0.00026
112.43	-127.99	0.00025	111.02	-129.40	0.00025
109.60	-130.81	0.00025	108.19	-132.23	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
 PAGE 119

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00024	102.53	-137.89	0.00024
98.99	-141.42	0.00023	91.92	-148.49	0.00022
84.85	-155.56	0.00021	77.78	-162.63	0.00020
70.71	-169.71	0.00019	63.64	-176.78	0.00018
56.57	-183.85	0.00017	49.50	-190.92	0.00016
197.99	-56.57	0.00025	190.92	-63.64	0.00026
183.85	-70.71	0.00027	176.78	-77.78	0.00028
169.71	-84.85	0.00028	162.63	-91.92	0.00028
155.56	-98.99	0.00028	148.49	-106.07	0.00028
144.96	-109.60	0.00027	141.42	-113.14	0.00027
139.30	-115.26	0.00027	137.89	-116.67	0.00027
136.47	-118.09	0.00026	135.06	-119.50	0.00026
133.64	-120.92	0.00026	120.92	-133.64	0.00024
119.50	-135.06	0.00024	118.09	-136.47	0.00024
116.67	-137.89	0.00024	115.26	-139.30	0.00024
113.14	-141.42	0.00023	109.60	-144.96	0.00023
106.07	-148.49	0.00022	98.99	-155.56	0.00021
91.92	-162.63	0.00020	84.85	-169.71	0.00019
77.78	-176.78	0.00018	70.71	-183.85	0.00017
63.64	-190.92	0.00016	56.57	-197.99	0.00015
205.06	-63.64	0.00024	197.99	-70.71	0.00025

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00026	183.85	-84.85	0.00026
176.78	-91.92	0.00027	169.71	-98.99	0.00027
162.63	-106.07	0.00027	155.56	-113.14	0.00026
152.03	-116.67	0.00026	148.49	-120.21	0.00026
146.37	-122.33	0.00025	144.96	-123.74	0.00025
143.54	-125.16	0.00025	142.13	-126.57	0.00025
140.71	-127.99	0.00025	127.99	-140.71	0.00023
126.57	-142.13	0.00023	125.16	-143.54	0.00023
123.74	-144.96	0.00023	122.33	-146.37	0.00022
120.21	-148.49	0.00022	116.67	-152.03	0.00022
113.14	-155.56	0.00021	106.07	-162.63	0.00020
98.99	-169.71	0.00019	91.92	-176.78	0.00018
84.85	-183.85	0.00017	77.78	-190.92	0.00016
70.71	-197.99	0.00015	63.64	-205.06	0.00015
212.13	-70.71	0.00023	205.06	-77.78	0.00024
197.99	-84.85	0.00025	190.92	-91.92	0.00025
183.85	-98.99	0.00025	176.78	-106.07	0.00025
169.71	-113.14	0.00025	162.63	-120.21	0.00025
159.10	-123.74	0.00025	155.56	-127.28	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00024	152.03	-130.81	0.00024
150.61	-132.23	0.00024	149.20	-133.64	0.00024
147.79	-135.06	0.00024	135.06	-147.79	0.00022
133.64	-149.20	0.00022	132.23	-150.61	0.00022
130.81	-152.03	0.00022	129.40	-153.44	0.00021
127.28	-155.56	0.00021	123.74	-159.10	0.00021
120.21	-162.63	0.00020	113.14	-169.71	0.00019
106.07	-176.78	0.00018	98.99	-183.85	0.00017
91.92	-190.92	0.00016	84.85	-197.99	0.00016
77.78	-205.06	0.00015	70.71	-212.13	0.00014
219.20	-77.78	0.00022	212.13	-84.85	0.00023
205.06	-91.92	0.00024	197.99	-98.99	0.00024
190.92	-106.07	0.00024	183.85	-113.14	0.00024
176.78	-120.21	0.00024	169.71	-127.28	0.00024
166.17	-130.81	0.00023	162.63	-134.35	0.00023

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00023	159.10	-137.89	0.00023
157.68	-139.30	0.00023	156.27	-140.71	0.00023
154.86	-142.13	0.00022	142.13	-154.86	0.00021
140.71	-156.27	0.00021	139.30	-157.68	0.00021
137.89	-159.10	0.00021	136.47	-160.51	0.00020
134.35	-162.63	0.00020	130.81	-166.17	0.00020
127.28	-169.71	0.00019	120.21	-176.78	0.00018
113.14	-183.85	0.00018	106.07	-190.92	0.00017
98.99	-197.99	0.00016	91.92	-205.06	0.00015
84.85	-212.13	0.00014	77.78	-219.20	0.00014
226.27	-84.85	0.00021	219.20	-91.92	0.00022
212.13	-98.99	0.00023	205.06	-106.07	0.00023
197.99	-113.14	0.00023	190.92	-120.21	0.00023
183.85	-127.28	0.00023	176.78	-134.35	0.00023
173.24	-137.89	0.00022	169.71	-141.42	0.00022
167.58	-143.54	0.00022	166.17	-144.96	0.00022
164.76	-146.37	0.00022	163.34	-147.79	0.00022
161.93	-149.20	0.00021	149.20	-161.93	0.00020
147.79	-163.34	0.00020	146.37	-164.76	0.00020
144.96	-166.17	0.00020	143.54	-167.58	0.00020
141.42	-169.71	0.00019	137.89	-173.24	0.00019
134.35	-176.78	0.00018	127.28	-183.85	0.00018
120.21	-190.92	0.00017	113.14	-197.99	0.00016
106.07	-205.06	0.00015	98.99	-212.13	0.00015
91.92	-219.20	0.00014	84.85	-226.27	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00021	226.27	-98.99	0.00021
219.20	-106.07	0.00022	212.13	-113.14	0.00022
205.06	-120.21	0.00022	197.99	-127.28	0.00022
190.92	-134.35	0.00022	183.85	-141.42	0.00022
180.31	-144.96	0.00021	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00021
171.83	-153.44	0.00021	170.41	-154.86	0.00021
169.00	-156.27	0.00020	156.27	-169.00	0.00019
154.86	-170.41	0.00019	153.44	-171.83	0.00019

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00019	150.61	-174.66	0.00019
148.49	-176.78	0.00018	144.96	-180.31	0.00018
141.42	-183.85	0.00018	134.35	-190.92	0.00017
127.28	-197.99	0.00016	120.21	-205.06	0.00015
113.14	-212.13	0.00015	106.07	-219.20	0.00014
98.99	-226.27	0.00013	91.92	-233.35	0.00013
240.42	-98.99	0.00020	233.35	-106.07	0.00020
226.27	-113.14	0.00021	219.20	-120.21	0.00021
212.13	-127.28	0.00021	205.06	-134.35	0.00021
197.99	-141.42	0.00021	190.92	-148.49	0.00021
187.38	-152.03	0.00020	183.85	-155.56	0.00020
181.73	-157.68	0.00020	180.31	-159.10	0.00020
178.90	-160.51	0.00020	177.48	-161.93	0.00020
176.07	-163.34	0.00020	163.34	-176.07	0.00018
161.93	-177.48	0.00018	160.51	-178.90	0.00018
159.10	-180.31	0.00018	157.68	-181.73	0.00018
155.56	-183.85	0.00018	152.03	-187.38	0.00017
148.49	-190.92	0.00017	141.42	-197.99	0.00016
134.35	-205.06	0.00016	127.28	-212.13	0.00015
120.21	-219.20	0.00014	113.14	-226.27	0.00014
106.07	-233.35	0.00013	98.99	-240.42	0.00012
247.49	-106.07	0.00019	240.42	-113.14	0.00020
233.35	-120.21	0.00020	226.27	-127.28	0.00020
219.20	-134.35	0.00020	212.13	-141.42	0.00020
205.06	-148.49	0.00020	197.99	-155.56	0.00020
194.45	-159.10	0.00020	190.92	-162.63	0.00019
188.80	-164.76	0.00019	187.38	-166.17	0.00019
185.97	-167.58	0.00019	184.55	-169.00	0.00019
183.14	-170.41	0.00019	170.41	-183.14	0.00018
169.00	-184.55	0.00018	167.58	-185.97	0.00017
166.17	-187.38	0.00017	164.76	-188.80	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00017	159.10	-194.45	0.00017
155.56	-197.99	0.00016	148.49	-205.06	0.00016
141.42	-212.13	0.00015	134.35	-219.20	0.00014



16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00014	120.21	-233.35	0.00013
113.14	-240.42	0.00012	106.07	-247.49	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00028	-113.14	240.42	0.00031
-120.21	233.35	0.00035	-127.28	226.27	0.00039
-134.35	219.20	0.00045	-141.42	212.13	0.00053
-148.49	205.06	0.00063	-155.56	197.99	0.00076
-159.10	194.45	0.00086	-162.63	190.92	0.00097
-164.76	188.80	0.00104	-166.17	187.38	0.00109
-167.58	185.97	0.00115	-169.00	184.55	0.00120
-170.41	183.14	0.00125	-183.14	170.41	0.00137
-184.55	169.00	0.00135	-185.97	167.58	0.00132
-187.38	166.17	0.00129	-188.80	164.76	0.00127
-190.92	162.63	0.00122	-194.45	159.10	0.00114
-197.99	155.56	0.00106	-205.06	148.49	0.00093
-212.13	141.42	0.00082	-219.20	134.35	0.00072
-226.27	127.28	0.00064	-233.35	120.21	0.00058
-240.42	113.14	0.00052	-247.49	106.07	0.00048
-98.99	240.42	0.00029	-106.07	233.35	0.00033
-113.14	226.27	0.00037	-120.21	219.20	0.00043
-127.28	212.13	0.00049	-134.35	205.06	0.00057
-141.42	197.99	0.00068	-148.49	190.92	0.00084
-152.03	187.38	0.00095	-155.56	183.85	0.00108
-157.68	181.73	0.00117	-159.10	180.31	0.00124
-160.51	178.90	0.00132	-161.93	177.48	0.00140
-163.34	176.07	0.00148	-176.07	163.34	0.00164
-177.48	161.93	0.00159	-178.90	160.51	0.00154
-180.31	159.10	0.00149	-181.73	157.68	0.00144
-183.85	155.56	0.00137	-187.38	152.03	0.00126
-190.92	148.49	0.00116	-197.99	141.42	0.00100
-205.06	134.35	0.00087	-212.13	127.28	0.00077
-219.20	120.21	0.00068	-226.27	113.14	0.00061
-233.35	106.07	0.00055	-240.42	98.99	0.00050
-91.92	233.35	0.00031	-98.99	226.27	0.00035
-106.07	219.20	0.00040	-113.14	212.13	0.00046

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00053	-127.28	197.99	0.00063
-134.35	190.92	0.00076	-141.42	183.85	0.00094
-144.96	180.31	0.00106	-148.49	176.78	0.00122
-150.61	174.66	0.00133	-152.03	173.24	0.00141
-153.44	171.83	0.00151	-154.86	170.41	0.00161
-156.27	169.00	0.00173	-169.00	156.27	0.00191
-170.41	154.86	0.00182	-171.83	153.44	0.00173
-173.24	152.03	0.00166	-174.66	150.61	0.00159

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00150	-180.31	144.96	0.00137
-183.85	141.42	0.00126	-190.92	134.35	0.00108
-197.99	127.28	0.00094	-205.06	120.21	0.00083
-212.13	113.14	0.00074	-219.20	106.07	0.00066
-226.27	99.00	0.00059	-233.35	91.92	0.00054
-84.85	226.27	0.00032	-91.92	219.20	0.00037
-98.99	212.13	0.00042	-106.07	205.06	0.00049
-113.14	197.99	0.00057	-120.21	190.92	0.00068
-127.28	183.85	0.00083	-134.35	176.78	0.00105
-137.89	173.24	0.00121	-141.42	169.71	0.00140
-143.54	167.58	0.00154	-144.96	166.17	0.00165
-146.37	164.76	0.00178	-147.79	163.34	0.00194
-149.20	161.93	0.00216	-161.93	149.20	0.00220
-163.34	147.79	0.00206	-164.76	146.37	0.00195
-166.17	144.96	0.00185	-167.58	143.54	0.00177
-169.71	141.42	0.00166	-173.24	137.89	0.00151
-176.78	134.35	0.00139	-183.85	127.28	0.00118
-190.92	120.21	0.00103	-197.99	113.14	0.00090
-205.06	106.07	0.00079	-212.13	99.00	0.00071
-219.20	91.92	0.00063	-226.27	84.85	0.00057
-77.78	219.20	0.00034	-84.85	212.13	0.00039
-91.92	205.06	0.00045	-98.99	197.99	0.00052
-106.07	190.92	0.00062	-113.14	183.85	0.00075
-120.21	176.78	0.00094	-127.28	169.71	0.00124
-130.81	166.17	0.00146	-134.35	162.63	0.00179
-136.47	160.51	0.00206	-137.89	159.10	0.00230

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00260	-140.71	156.27	0.00299
-142.13	154.86	0.00353	-154.86	142.13	0.00271
-156.27	140.71	0.00244	-157.68	139.30	0.00225
-159.10	137.89	0.00210	-160.51	136.47	0.00199
-162.63	134.35	0.00184	-166.17	130.81	0.00166
-169.71	127.28	0.00152	-176.78	120.21	0.00129
-183.85	113.14	0.00111	-190.92	106.07	0.00097
-197.99	99.00	0.00085	-205.06	91.92	0.00075
-212.13	84.85	0.00067	-219.20	77.78	0.00060
-70.71	212.13	0.00036	-77.78	205.06	0.00042
-84.85	197.99	0.00048	-91.92	190.92	0.00057
-98.99	183.85	0.00069	-106.07	176.78	0.00085
-113.14	169.71	0.00111	-120.21	162.63	0.00155
-123.74	159.10	0.00191	-127.28	155.56	0.00246

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00293	-130.81	152.03	0.00332
-132.23	150.61	0.00380	-133.64	149.20	0.00438
-135.06	147.79	0.00511	-147.79	135.06	0.00336
-149.20	133.64	0.00298	-150.61	132.23	0.00270
-152.03	130.81	0.00248	-153.44	129.40	0.00231
-155.56	127.28	0.00210	-159.10	123.74	0.00185
-162.63	120.21	0.00166	-169.71	113.14	0.00139
-176.78	106.07	0.00119	-183.85	98.99	0.00103
-190.92	91.92	0.00090	-197.99	84.85	0.00080
-205.06	77.78	0.00071	-212.13	70.71	0.00064
-63.64	205.06	0.00039	-70.71	197.99	0.00045
-77.78	190.92	0.00053	-84.85	183.85	0.00063
-91.92	176.78	0.00078	-98.99	169.71	0.00099
-106.07	162.63	0.00133	-113.14	155.56	0.00196
-116.67	152.03	0.00248	-120.21	148.49	0.00324
-122.33	146.37	0.00385	-123.74	144.96	0.00435
-125.16	143.54	0.00494	-126.57	142.13	0.00562
-127.99	140.71	0.00644	-140.71	127.99	0.00401
-142.13	126.57	0.00355	-143.54	125.16	0.00320
-144.96	123.74	0.00292	-146.37	122.33	0.00269

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00242	-152.03	116.67	0.00209
-155.56	113.14	0.00185	-162.63	106.07	0.00151
-169.71	98.99	0.00127	-176.78	91.92	0.00110
-183.85	84.85	0.00096	-190.92	77.78	0.00084
-197.99	70.71	0.00075	-205.06	63.64	0.00067
-56.57	197.99	0.00042	-63.64	190.92	0.00049
-70.71	183.85	0.00058	-77.78	176.78	0.00071
-84.85	169.71	0.00089	-91.92	162.63	0.00116
-98.99	155.56	0.00161	-106.07	148.49	0.00243
-109.60	144.96	0.00307	-113.14	141.42	0.00398
-115.26	139.30	0.00469	-116.67	137.89	0.00526
-118.09	136.47	0.00591	-119.50	135.06	0.00664
-120.92	133.64	0.00750	-133.64	120.92	0.00460
-135.06	119.50	0.00408	-136.47	118.09	0.00368
-137.89	116.67	0.00335	-139.30	115.26	0.00308
-141.42	113.14	0.00276	-144.96	109.60	0.00235
-148.49	106.07	0.00206	-155.56	98.99	0.00165
-162.63	91.92	0.00137	-169.71	84.85	0.00116
-176.78	77.78	0.00101	-183.85	70.71	0.00088
-190.92	63.64	0.00078	-197.99	56.57	0.00070

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00045	-56.57	183.85	0.00054
-63.64	176.78	0.00064	-70.71	169.71	0.00079
-77.78	162.63	0.00101	-84.85	155.56	0.00135
-91.92	148.49	0.00191	-98.99	141.42	0.00288
-102.53	137.89	0.00362	-106.07	134.35	0.00464
-108.19	132.23	0.00542	-109.60	130.81	0.00602
-111.02	129.40	0.00670	-112.43	127.99	0.00746
-113.84	126.57	0.00832	-126.57	113.84	0.00512
-127.99	112.43	0.00455	-129.40	111.02	0.00411
-130.81	109.60	0.00375	-132.23	108.19	0.00345
-134.35	106.07	0.00308	-137.89	102.53	0.00262
-141.42	98.99	0.00227	-148.49	91.92	0.00179
-155.56	84.85	0.00147	-162.63	77.78	0.00124
-169.71	70.71	0.00106	-176.78	63.64	0.00092

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00082	-190.92	49.50	0.00073
-42.43	183.85	0.00049	-49.50	176.78	0.00059
-56.57	169.71	0.00071	-63.64	162.63	0.00089
-70.71	155.56	0.00116	-77.78	148.49	0.00156
-84.85	141.42	0.00221	-91.92	134.35	0.00330
-95.46	130.81	0.00412	-98.99	127.28	0.00520
-101.12	125.16	0.00603	-102.53	123.74	0.00665
-103.94	122.33	0.00734	-105.36	120.92	0.00811
-106.77	119.50	0.00898	-119.50	106.77	0.00556
-120.92	105.36	0.00495	-122.33	103.94	0.00448
-123.74	102.53	0.00410	-125.16	101.12	0.00378
-127.28	98.99	0.00338	-130.81	95.46	0.00287
-134.35	91.92	0.00248	-141.42	84.85	0.00194
-148.49	77.78	0.00158	-155.56	70.71	0.00132
-162.63	63.64	0.00112	-169.71	56.57	0.00097
-176.78	49.50	0.00085	-183.85	42.43	0.00075
-35.36	176.78	0.00054	-42.43	169.71	0.00064
-49.50	162.63	0.00079	-56.57	155.56	0.00100
-63.64	148.49	0.00131	-70.71	141.42	0.00177
-77.78	134.35	0.00250	-84.85	127.28	0.00368
-88.39	123.74	0.00455	-91.92	120.21	0.00569
-94.05	118.09	0.00653	-95.46	116.67	0.00717
-96.87	115.26	0.00787	-98.29	113.84	0.00864
-99.70	112.43	0.00950	-112.43	99.70	0.00593
-113.84	98.29	0.00530	-115.26	96.87	0.00481
-116.67	95.46	0.00441	-118.09	94.05	0.00407

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTS:  
 PAGE 127  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00365	-123.74	88.39	0.00310
-127.28	84.85	0.00268	-134.35	77.78	0.00208
-141.42	70.71	0.00168	-148.49	63.64	0.00140
-155.56	56.57	0.00118	-162.63	49.50	0.00102
-169.71	42.43	0.00089	-176.78	35.36	0.00078
-28.28	169.71	0.00058	-35.36	162.63	0.00071
-42.43	155.56	0.00088	-49.50	148.49	0.00112
-56.57	141.42	0.00146	-63.64	134.35	0.00198

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00276	-77.78	120.21	0.00402
-81.32	116.67	0.00493	-84.85	113.14	0.00610
-86.97	111.02	0.00695	-88.39	109.60	0.00759
-89.80	108.19	0.00830	-91.22	106.77	0.00908
-92.63	105.36	0.00993	-105.36	92.63	0.00625
-106.77	91.22	0.00560	-108.19	89.80	0.00509
-109.60	88.39	0.00467	-111.02	86.97	0.00432
-113.14	84.85	0.00388	-116.67	81.32	0.00330
-120.21	77.78	0.00286	-127.28	70.71	0.00222
-134.35	63.64	0.00179	-141.42	56.57	0.00148
-148.49	49.50	0.00125	-155.56	42.43	0.00107
-162.63	35.36	0.00093	-169.71	28.28	0.00081
-21.21	162.63	0.00064	-28.28	155.56	0.00078
-35.36	148.49	0.00097	-42.43	141.42	0.00123
-49.50	134.35	0.00161	-56.57	127.28	0.00217
-63.64	120.21	0.00300	-70.71	113.14	0.00432
-74.25	109.60	0.00526	-77.78	106.07	0.00645
-79.90	103.94	0.00731	-81.32	102.53	0.00795
-82.73	101.12	0.00865	-84.15	99.70	0.00944
-85.56	98.29	0.01029	-98.29	85.56	0.00651
-99.70	84.15	0.00586	-101.12	82.73	0.00533
-102.53	81.32	0.00491	-103.94	79.90	0.00454
-106.07	77.78	0.00409	-109.60	74.25	0.00349
-113.14	70.71	0.00302	-120.21	63.64	0.00235
-127.28	56.57	0.00189	-134.35	49.50	0.00155
-141.42	42.43	0.00131	-148.49	35.36	0.00112
-155.56	28.28	0.00097	-162.63	21.21	0.00085
-14.14	155.56	0.00069	-21.21	148.49	0.00085
-28.28	141.42	0.00106	-35.36	134.35	0.00135
-42.43	127.28	0.00176	-49.50	120.21	0.00234
-56.57	113.14	0.00322	-63.64	106.07	0.00458
-67.18	102.53	0.00554	-70.71	98.99	0.00674

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00761	-74.25	95.46	0.00826
-75.66	94.05	0.00896	-77.07	92.63	0.00973

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01058	-91.22	78.49	0.00672
-92.63	77.07	0.00607	-94.05	75.66	0.00555
-95.46	74.25	0.00511	-96.87	72.83	0.00474
-98.99	70.71	0.00427	-102.53	67.18	0.00365
-106.07	63.64	0.00317	-113.14	56.57	0.00247
-120.21	49.50	0.00198	-127.28	42.43	0.00163
-134.35	35.36	0.00137	-141.42	28.28	0.00116
-148.49	21.21	0.00101	-155.56	14.14	0.00088
-7.07	148.49	0.00075	-14.14	141.42	0.00092
-21.21	134.35	0.00115	-28.28	127.28	0.00146
-35.36	120.21	0.00189	-42.43	113.14	0.00251
-49.50	106.07	0.00342	-56.57	98.99	0.00482
-60.10	95.46	0.00579	-63.64	91.92	0.00700
-65.76	89.80	0.00787	-67.18	88.39	0.00851
-68.59	86.97	0.00921	-70.00	85.56	0.00997
-71.42	84.15	0.01082	-84.15	71.42	0.00691
-85.56	70.00	0.00625	-86.97	68.59	0.00573
-88.39	67.18	0.00529	-89.80	65.76	0.00491
-91.92	63.64	0.00443	-95.46	60.10	0.00380
-98.99	56.57	0.00331	-106.07	49.50	0.00258
-113.14	42.43	0.00207	-120.21	35.36	0.00170
-127.28	28.28	0.00142	-134.35	21.21	0.00121
-141.42	14.14	0.00104	-148.49	7.07	0.00091
0.00	141.42	0.00081	-7.07	134.35	0.00099
-14.14	127.28	0.00124	-21.21	120.21	0.00157
-28.28	113.14	0.00202	-35.36	106.07	0.00266
-42.43	98.99	0.00361	-49.50	91.92	0.00503
-53.03	88.39	0.00600	-56.57	84.85	0.00722
-58.69	82.73	0.00809	-60.10	81.32	0.00873
-61.52	79.90	0.00943	-62.93	78.49	0.01019
-64.35	77.07	0.01103	-77.07	64.35	0.00708
-78.49	62.93	0.00642	-79.90	61.52	0.00589
-81.32	60.10	0.00544	-82.73	58.69	0.00506
-84.85	56.57	0.00457	-88.39	53.03	0.00393
-91.92	49.50	0.00343	-98.99	42.43	0.00268
-106.07	35.36	0.00216	-113.14	28.28	0.00177
-120.21	21.21	0.00148	-127.28	14.14	0.00126
-134.35	7.07	0.00108	-141.42	0.00	0.00094

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00087	0.00	127.28	0.00107
-7.07	120.21	0.00132	-14.14	113.14	0.00167
-21.21	106.07	0.00214	-28.28	98.99	0.00281
-35.36	91.92	0.00377	-42.43	84.85	0.00521
-45.96	81.32	0.00619	-49.50	77.78	0.00741
-51.62	75.66	0.00827	-53.03	74.25	0.00891
-54.45	72.83	0.00961	-55.86	71.42	0.01037
-57.28	70.00	0.01121	-70.00	57.28	0.00723
-71.42	55.86	0.00656	-72.83	54.45	0.00603
-74.25	53.03	0.00558	-75.66	51.62	0.00519
-77.78	49.50	0.00470	-81.32	45.96	0.00404
-84.85	42.43	0.00353	-91.92	35.36	0.00277
-98.99	28.28	0.00223	-106.07	21.21	0.00184
-113.14	14.14	0.00153	-120.21	7.07	0.00130
-127.28	0.00	0.00112	-134.35	-7.07	0.00097
14.14	127.28	0.00093	7.07	120.21	0.00113
0.00	113.14	0.00140	-7.07	106.07	0.00176
-14.14	98.99	0.00225	-21.21	91.92	0.00294
-28.28	84.85	0.00392	-35.36	77.78	0.00537
-38.89	74.25	0.00635	-42.43	70.71	0.00757
-44.55	68.59	0.00844	-45.96	67.18	0.00908
-47.38	65.76	0.00978	-48.79	64.35	0.01053
-50.20	62.93	0.01137	-62.93	50.20	0.00737
-64.35	48.79	0.00669	-65.76	47.38	0.00615
-67.18	45.96	0.00570	-68.59	44.55	0.00531
-70.71	42.43	0.00481	-74.25	38.89	0.00415
-77.78	35.36	0.00363	-84.85	28.28	0.00286
-91.92	21.21	0.00231	-98.99	14.14	0.00190
-106.07	7.07	0.00158	-113.14	0.00	0.00134
-120.21	-7.07	0.00115	-127.28	-14.14	0.00100
21.21	120.21	0.00099	14.14	113.14	0.00120
7.07	106.07	0.00148	0.00	98.99	0.00185
-7.07	91.92	0.00236	-14.14	84.85	0.00306
-21.21	77.78	0.00405	-28.28	70.71	0.00551
-31.82	67.18	0.00650	-35.36	63.64	0.00772
-37.48	61.52	0.00858	-38.89	60.10	0.00922
-40.31	58.69	0.00992	-41.72	57.28	0.01067
-43.13	55.86	0.01151	-55.86	43.13	0.00749
-57.28	41.72	0.00680	-58.69	40.31	0.00626
-60.10	38.89	0.00581	-61.52	37.48	0.00541



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00491	-67.18	31.82	0.00424
-70.71	28.28	0.00372	-77.78	21.21	0.00293
-84.85	14.14	0.00237	-91.92	7.07	0.00195
-98.99	0.00	0.00163	-106.07	-7.07	0.00138
-113.14	-14.14	0.00119	-120.21	-21.21	0.00103
28.28	113.14	0.00104	21.21	106.07	0.00126
14.14	98.99	0.00155	7.07	91.92	0.00194
0.00	84.85	0.00245	-7.07	77.78	0.00317
-14.14	70.71	0.00417	-21.21	63.64	0.00564
-24.75	60.10	0.00663	-28.28	56.57	0.00784
-30.41	54.45	0.00871	-31.82	53.03	0.00935
-33.23	51.62	0.01004	-34.65	50.20	0.01080
-36.06	48.79	0.01164	-48.79	36.06	0.00760
-50.20	34.65	0.00691	-51.62	33.23	0.00636
-53.03	31.82	0.00590	-54.45	30.41	0.00550
-56.57	28.28	0.00500	-60.10	24.75	0.00433
-63.64	21.21	0.00379	-70.71	14.14	0.00300
-77.78	7.07	0.00243	-84.85	0.00	0.00201
-91.92	-7.07	0.00168	-98.99	-14.14	0.00142
-106.07	-21.21	0.00122	-113.14	-28.28	0.00105
35.36	106.07	0.00109	28.28	98.99	0.00132
21.21	91.92	0.00162	14.14	84.85	0.00202
7.07	77.78	0.00254	0.00	70.71	0.00327
-7.07	63.64	0.00428	-14.14	56.57	0.00575
-17.68	53.03	0.00674	-21.21	49.50	0.00796
-23.33	47.38	0.00882	-24.75	45.96	0.00946
-26.16	44.55	0.01015	-27.58	43.13	0.01092
-28.99	41.72	0.01175	-41.72	28.99	0.00770
-43.13	27.58	0.00701	-44.55	26.16	0.00644
-45.96	24.75	0.00598	-47.38	23.33	0.00559
-49.50	21.21	0.00508	-53.03	17.68	0.00440
-56.57	14.14	0.00386	-63.64	7.07	0.00306
-70.71	0.00	0.00249	-77.78	-7.07	0.00205
-84.85	-14.14	0.00172	-91.92	-21.21	0.00146

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00125	-106.07	-35.36	0.00108
42.43	98.99	0.00115	35.36	91.92	0.00138
28.28	84.85	0.00169	21.21	77.78	0.00209
14.14	70.71	0.00263	7.07	63.64	0.00336
0.00	56.57	0.00438	-7.07	49.50	0.00585
-10.61	45.96	0.00684	-14.14	42.43	0.00806

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00892	-17.68	38.89	0.00956
-19.09	37.48	0.01025	-20.51	36.06	0.01101
-21.92	34.65	0.01185	-34.65	21.92	0.00778
-36.06	20.51	0.00709	-37.48	19.09	0.00653
-38.89	17.68	0.00606	-40.31	16.26	0.00566
-42.43	14.14	0.00515	-45.96	10.61	0.00447
-49.50	7.07	0.00393	-56.57	0.00	0.00312
-63.64	-7.07	0.00254	-70.71	-14.14	0.00210
-77.78	-21.21	0.00176	-84.85	-28.28	0.00149
-91.92	-35.36	0.00128	-98.99	-42.43	0.00111
49.50	91.92	0.00119	42.43	84.85	0.00144
35.36	77.78	0.00175	28.28	70.71	0.00216
21.21	63.64	0.00270	14.14	56.57	0.00344
7.07	49.50	0.00447	0.00	42.43	0.00595
-3.54	38.89	0.00693	-7.07	35.36	0.00815
-9.19	33.23	0.00901	-10.61	31.82	0.00965
-12.02	30.41	0.01034	-13.44	28.99	0.01110
-14.85	27.58	0.01193	-27.58	14.85	0.00783
-28.99	13.44	0.00715	-30.41	12.02	0.00660
-31.82	10.61	0.00614	-33.23	9.19	0.00573
-35.36	7.07	0.00522	-38.89	3.54	0.00453
-42.43	0.00	0.00399	-49.50	-7.07	0.00317
-56.57	-14.14	0.00258	-63.64	-21.21	0.00214
-70.71	-28.28	0.00180	-77.78	-35.36	0.00152
-84.85	-42.43	0.00131	-91.92	-49.50	0.00113
56.57	84.85	0.00124	49.50	77.78	0.00149
42.43	70.71	0.00181	35.36	63.64	0.00222
28.28	56.57	0.00278	21.21	49.50	0.00352

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00455	7.07	35.36	0.00603
3.54	31.82	0.00702	0.00	28.28	0.00823
-2.12	26.16	0.00909	-3.54	24.75	0.00973
-4.95	23.33	0.01042	-6.36	21.92	0.01117
-7.78	20.51	0.01200	-20.51	7.78	0.00789
-21.92	6.36	0.00721	-23.33	4.95	0.00666
-24.75	3.54	0.00619	-26.16	2.12	0.00579
-28.28	0.00	0.00528	-31.82	-3.54	0.00459
-35.36	-7.07	0.00404	-42.43	-14.14	0.00322
-49.50	-21.21	0.00262	-56.57	-28.28	0.00218
-63.64	-35.36	0.00183	-70.71	-42.43	0.00155
-77.78	-49.50	0.00133	-84.85	-56.57	0.00115

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00129	56.57	70.71	0.00154
49.50	63.64	0.00186	42.43	56.57	0.00228
35.36	49.50	0.00284	28.28	42.43	0.00359
21.21	35.36	0.00462	14.14	28.28	0.00610
10.61	24.75	0.00709	7.07	21.21	0.00830
4.95	19.09	0.00916	3.54	17.68	0.00980
2.12	16.26	0.01049	0.71	14.85	0.01124
-0.71	13.44	0.01206	-13.44	0.71	0.00795
-14.85	-0.71	0.00727	-16.26	-2.12	0.00672
-17.68	-3.54	0.00625	-19.09	-4.95	0.00585
-21.21	-7.07	0.00533	-24.75	-10.61	0.00464
-28.28	-14.14	0.00409	-35.36	-21.21	0.00326
-42.43	-28.28	0.00266	-49.50	-35.36	0.00221
-56.57	-42.43	0.00186	-63.64	-49.50	0.00158
-70.71	-56.57	0.00135	-77.78	-63.64	0.00117
70.71	70.71	0.00133	63.64	63.64	0.00159
56.57	56.57	0.00192	49.50	49.50	0.00234
42.43	42.43	0.00290	35.36	35.36	0.00365
28.28	28.28	0.00469	21.21	21.21	0.00617
17.68	17.68	0.00716	14.14	14.14	0.00837
12.02	12.02	0.00922	10.61	10.61	0.00986
9.19	9.19	0.01055	7.78	7.78	0.01130

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01213	-6.36	-6.36	0.00801
-7.78	-7.78	0.00732	-9.19	-9.19	0.00677
-10.61	-10.61	0.00630	-12.02	-12.02	0.00589
-14.14	-14.14	0.00538	-17.68	-17.68	0.00468
-21.21	-21.21	0.00413	-28.28	-28.28	0.00330
-35.36	-35.36	0.00270	-42.43	-42.43	0.00224
-49.50	-49.50	0.00189	-56.57	-56.57	0.00160
-63.64	-63.64	0.00138	-70.71	-70.71	0.00119
77.78	63.64	0.00137	70.71	56.57	0.00163
63.64	49.50	0.00196	56.57	42.43	0.00239
49.50	35.36	0.00296	42.43	28.28	0.00371
35.36	21.21	0.00475	28.28	14.14	0.00623
24.75	10.61	0.00721	21.21	7.07	0.00842
19.09	4.95	0.00928	17.68	3.54	0.00991
16.26	2.12	0.01061	14.85	0.71	0.01135
13.44	-0.71	0.01218	0.71	-13.44	0.00805
-0.71	-14.85	0.00737	-2.12	-16.26	0.00681
-3.54	-17.68	0.00634	-4.95	-19.09	0.00594

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00542	-10.61	-24.75	0.00472
-14.14	-28.28	0.00417	-21.21	-35.36	0.00333
-28.28	-42.43	0.00273	-35.36	-49.50	0.00227
-42.43	-56.57	0.00191	-49.50	-63.64	0.00163
-56.57	-70.71	0.00140	-63.64	-77.78	0.00121
84.85	56.57	0.00141	77.78	49.50	0.00167
70.71	42.43	0.00201	63.64	35.36	0.00244
56.57	28.28	0.00301	49.50	21.21	0.00377
42.43	14.14	0.00480	35.36	7.07	0.00628
31.82	3.54	0.00726	28.28	0.00	0.00847
26.16	-2.12	0.00933	24.75	-3.54	0.00997
23.33	-4.95	0.01065	21.92	-6.36	0.01140
20.51	-7.78	0.01223	7.78	-20.51	0.00810
6.36	-21.92	0.00741	4.95	-23.33	0.00685
3.54	-24.75	0.00638	2.12	-26.16	0.00597
0.00	-28.28	0.00545	-3.54	-31.82	0.00476

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00420	-14.14	-42.43	0.00336
-21.21	-49.50	0.00275	-28.28	-56.57	0.00229
-35.36	-63.64	0.00193	-42.43	-70.71	0.00164
-49.50	-77.78	0.00141	-56.57	-84.85	0.00122
91.92	49.50	0.00145	84.85	42.43	0.00171
77.78	35.36	0.00205	70.71	28.28	0.00249
63.64	21.21	0.00306	56.57	14.14	0.00381
49.50	7.07	0.00485	42.43	0.00	0.00633
38.89	-3.54	0.00731	35.36	-7.07	0.00852
33.23	-9.19	0.00938	31.82	-10.61	0.01001
30.41	-12.02	0.01069	28.99	-13.44	0.01145
27.58	-14.85	0.01227	14.85	-27.58	0.00815
13.44	-28.99	0.00745	12.02	-30.41	0.00688
10.61	-31.82	0.00641	9.19	-33.23	0.00601
7.07	-35.36	0.00548	3.54	-38.89	0.00479
0.00	-42.43	0.00423	-7.07	-49.50	0.00339
-14.14	-56.57	0.00278	-21.21	-63.64	0.00231
-28.28	-70.71	0.00195	-35.36	-77.78	0.00166
-42.43	-84.85	0.00143	-49.50	-91.92	0.00124
98.99	42.43	0.00148	91.92	35.36	0.00175
84.85	28.28	0.00209	77.78	21.21	0.00253
70.71	14.14	0.00310	63.64	7.07	0.00386
56.57	0.00	0.00490	49.50	-7.07	0.00637
45.96	-10.61	0.00735	42.43	-14.14	0.00856

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00941	38.89	-17.68	0.01005
37.48	-19.09	0.01073	36.06	-20.51	0.01149
34.65	-21.92	0.01232	21.92	-34.65	0.00818
20.51	-36.06	0.00748	19.09	-37.48	0.00691
17.68	-38.89	0.00644	16.26	-40.31	0.00603
14.14	-42.43	0.00551	10.61	-45.96	0.00481
7.07	-49.50	0.00425	0.00	-56.57	0.00341
-7.07	-63.64	0.00280	-14.14	-70.71	0.00233
-21.21	-77.78	0.00197	-28.28	-84.85	0.00168
-35.36	-91.92	0.00144	-42.43	-98.99	0.00125

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00151	98.99	28.28	0.00179
91.92	21.21	0.00213	84.85	14.14	0.00257
77.78	7.07	0.00314	70.71	0.00	0.00390
63.64	-7.07	0.00493	56.57	-14.14	0.00641
53.03	-17.68	0.00739	49.50	-21.21	0.00859
47.38	-23.33	0.00945	45.96	-24.75	0.01008
44.55	-26.16	0.01076	43.13	-27.58	0.01152
41.72	-28.99	0.01235	28.99	-41.72	0.00821
27.58	-43.13	0.00751	26.16	-44.55	0.00694
24.75	-45.96	0.00647	23.33	-47.38	0.00606
21.21	-49.50	0.00554	17.68	-53.03	0.00483
14.14	-56.57	0.00427	7.07	-63.64	0.00343
0.00	-70.71	0.00282	-7.07	-77.78	0.00235
-14.14	-84.85	0.00198	-21.21	-91.92	0.00169
-28.28	-98.99	0.00145	-35.36	-106.07	0.00126
113.14	28.28	0.00155	106.07	21.21	0.00182
98.99	14.14	0.00217	91.92	7.07	0.00260
84.85	0.00	0.00317	77.78	-7.07	0.00393
70.71	-14.14	0.00497	63.64	-21.21	0.00644
60.10	-24.75	0.00742	56.57	-28.28	0.00862
54.45	-30.41	0.00948	53.03	-31.82	0.01011
51.62	-33.23	0.01080	50.20	-34.65	0.01155
48.79	-36.06	0.01237	36.06	-48.79	0.00821
34.65	-50.20	0.00752	33.23	-51.62	0.00696
31.82	-53.03	0.00649	30.41	-54.45	0.00608
28.28	-56.57	0.00556	24.75	-60.10	0.00485
21.21	-63.64	0.00429	14.14	-70.71	0.00345
7.07	-77.78	0.00283	0.00	-84.85	0.00236
-7.07	-91.92	0.00199	-14.14	-98.99	0.00170
-21.21	-106.07	0.00146	-28.28	-113.14	0.00127

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:09:05  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00157	113.14	14.14	0.00185
106.07	7.07	0.00220	98.99	0.00	0.00264
91.92	-7.07	0.00321	84.85	-14.14	0.00396
77.78	-21.21	0.00500	70.71	-28.28	0.00647

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00745	63.64	-35.36	0.00865
61.52	-37.48	0.00951	60.10	-38.89	0.01014
58.69	-40.31	0.01082	57.28	-41.72	0.01156
55.86	-43.13	0.01239	43.13	-55.86	0.00822
41.72	-57.28	0.00753	40.31	-58.69	0.00698
38.89	-60.10	0.00650	37.48	-61.52	0.00609
35.36	-63.64	0.00557	31.82	-67.18	0.00487
28.28	-70.71	0.00431	21.21	-77.78	0.00346
14.14	-84.85	0.00284	7.07	-91.92	0.00237
0.00	-98.99	0.00200	-7.07	-106.07	0.00171
-14.14	-113.14	0.00147	-21.21	-120.21	0.00127
127.28	14.14	0.00160	120.21	7.07	0.00188
113.14	0.00	0.00223	106.07	-7.07	0.00267
98.99	-14.14	0.00324	91.92	-21.21	0.00399
84.85	-28.28	0.00502	77.78	-35.36	0.00649
74.25	-38.89	0.00747	70.71	-42.43	0.00867
68.59	-44.55	0.00952	67.18	-45.96	0.01015
65.76	-47.38	0.01084	64.35	-48.79	0.01158
62.93	-50.20	0.01240	50.20	-62.93	0.00823
48.79	-64.35	0.00754	47.38	-65.76	0.00699
45.96	-67.18	0.00651	44.55	-68.59	0.00610
42.43	-70.71	0.00558	38.89	-74.25	0.00488
35.36	-77.78	0.00432	28.28	-84.85	0.00347
21.21	-91.92	0.00285	14.14	-98.99	0.00237
7.07	-106.07	0.00200	0.00	-113.14	0.00171
-7.07	-120.21	0.00147	-14.14	-127.28	0.00128
134.35	7.07	0.00163	127.28	0.00	0.00191
120.21	-7.07	0.00226	113.14	-14.14	0.00269
106.07	-21.21	0.00326	98.99	-28.28	0.00401
91.92	-35.36	0.00504	84.85	-42.43	0.00651
81.32	-45.96	0.00749	77.78	-49.50	0.00869
75.66	-51.62	0.00953	74.25	-53.03	0.01016
72.83	-54.45	0.01085	71.42	-55.86	0.01159
70.00	-57.28	0.01241	57.28	-70.00	0.00824
55.86	-71.42	0.00755	54.45	-72.83	0.00699
53.03	-74.25	0.00652	51.62	-75.66	0.00611

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00559	45.96	-81.32	0.00488
42.43	-84.85	0.00432	35.36	-91.92	0.00347
28.28	-98.99	0.00285	21.21	-106.07	0.00238
14.14	-113.14	0.00201	7.07	-120.21	0.00171
0.00	-127.28	0.00148	-7.07	-134.35	0.00128
141.42	0.00	0.00165	134.35	-7.07	0.00193
127.28	-14.14	0.00228	120.21	-21.21	0.00272
113.14	-28.28	0.00329	106.07	-35.36	0.00403
98.99	-42.43	0.00506	91.92	-49.50	0.00652
88.39	-53.03	0.00750	84.85	-56.57	0.00869
82.73	-58.69	0.00954	81.32	-60.10	0.01017
79.90	-61.52	0.01086	78.49	-62.93	0.01160
77.07	-64.35	0.01242	64.35	-77.07	0.00824
62.93	-78.49	0.00755	61.52	-79.90	0.00699
60.10	-81.32	0.00651	58.69	-82.73	0.00611
56.57	-84.85	0.00558	53.03	-88.39	0.00488
49.50	-91.92	0.00432	42.43	-98.99	0.00347
35.36	-106.07	0.00285	28.28	-113.14	0.00237
21.21	-120.21	0.00201	14.14	-127.28	0.00171
7.07	-134.35	0.00148	0.00	-141.42	0.00128
148.49	-7.07	0.00167	141.42	-14.14	0.00195
134.35	-21.21	0.00230	127.28	-28.28	0.00274
120.21	-35.36	0.00331	113.14	-42.43	0.00405
106.07	-49.50	0.00507	98.99	-56.57	0.00653
95.46	-60.10	0.00750	91.92	-63.64	0.00870
89.80	-65.76	0.00955	88.39	-67.18	0.01018
86.97	-68.59	0.01086	85.56	-70.00	0.01160
84.15	-71.42	0.01242	71.42	-84.15	0.00824
70.00	-85.56	0.00754	68.59	-86.97	0.00698
67.18	-88.39	0.00651	65.76	-89.80	0.00610
63.64	-91.92	0.00558	60.10	-95.46	0.00487
56.57	-98.99	0.00431	49.50	-106.07	0.00346
42.43	-113.14	0.00284	35.36	-120.21	0.00237
28.28	-127.28	0.00200	21.21	-134.35	0.00171
14.14	-141.42	0.00148	7.07	-148.49	0.00128
155.56	-14.14	0.00169	148.49	-21.21	0.00198
141.42	-28.28	0.00232	134.35	-35.36	0.00276
127.28	-42.43	0.00332	120.21	-49.50	0.00407
113.14	-56.57	0.00508	106.07	-63.64	0.00653
102.53	-67.18	0.00750	98.99	-70.71	0.00870

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00954	95.46	-74.25	0.01017	
94.05	-75.66	0.01085	92.63	-77.07	0.01159	
91.22	-78.49	0.01241	78.49	-91.22	0.00823	
77.07	-92.63	0.00753	75.66	-94.05	0.00696	
74.25	-95.46	0.00649	72.83	-96.87	0.00608	
70.71	-98.99	0.00556	67.18	-102.53	0.00486	
63.64	-106.07	0.00430	56.57	-113.14	0.00345	
49.50	-120.21	0.00283	42.43	-127.28	0.00236	
35.36	-134.35	0.00199	28.28	-141.42	0.00170	
21.21	-148.49	0.00147	14.14	-155.56	0.00129	
162.63	-21.21	0.00171	155.56	-28.28	0.00199	
148.49	-35.36	0.00234	141.42	-42.43	0.00278	
134.35	-49.50	0.00334	127.28	-56.57	0.00408	
120.21	-63.64	0.00508	113.14	-70.71	0.00652	
109.60	-74.25	0.00749	106.07	-77.78	0.00868	
103.94	-79.90	0.00953	102.53	-81.32	0.01015	
101.12	-82.73	0.01083	99.70	-84.15	0.01158	
98.29	-85.56	0.01240	85.56	-98.29	0.00822	
84.15	-99.70	0.00751	82.73	-101.12	0.00694	
81.32	-102.53	0.00647	79.90	-103.94	0.00606	
77.78	-106.07	0.00554	74.25	-109.60	0.00484	
70.71	-113.14	0.00428	63.64	-120.21	0.00343	
56.57	-127.28	0.00281	49.50	-134.35	0.00235	
42.43	-141.42	0.00198	35.36	-148.49	0.00170	
28.28	-155.56	0.00147	21.21	-162.63	0.00128	
169.71	-28.28	0.00173	162.63	-35.36	0.00201	
155.56	-42.43	0.00236	148.49	-49.50	0.00279	
141.42	-56.57	0.00335	134.35	-63.64	0.00409	
127.28	-70.71	0.00509	120.21	-77.78	0.00652	
116.67	-81.32	0.00748	113.14	-84.85	0.00866	
111.02	-86.97	0.00950	109.60	-88.39	0.01013	
108.19	-89.80	0.01081	106.77	-91.22	0.01156	
105.36	-92.63	0.01238	92.63	-105.36	0.00818	
91.22	-106.77	0.00748	89.80	-108.19	0.00691	
88.39	-109.60	0.00644	86.97	-111.02	0.00603	
84.85	-113.14	0.00551	81.32	-116.67	0.00481	

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00425	70.71	-127.28	0.00340
63.64	-134.35	0.00279	56.57	-141.42	0.00233
49.50	-148.49	0.00197	42.43	-155.56	0.00169
35.36	-162.63	0.00147	28.28	-169.71	0.00128

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00175	169.71	-42.43	0.00203
162.63	-49.50	0.00237	155.56	-56.57	0.00281
148.49	-63.64	0.00336	141.42	-70.71	0.00409
134.35	-77.78	0.00508	127.28	-84.85	0.00650
123.74	-88.39	0.00746	120.21	-91.92	0.00864
118.09	-94.05	0.00948	116.67	-95.46	0.01010
115.26	-96.87	0.01078	113.84	-98.29	0.01152
112.43	-99.70	0.01234	99.70	-112.43	0.00811
98.29	-113.84	0.00743	96.87	-115.26	0.00687
95.46	-116.67	0.00640	94.05	-118.09	0.00599
91.92	-120.21	0.00547	88.39	-123.74	0.00477
84.85	-127.28	0.00421	77.78	-134.35	0.00337
70.71	-141.42	0.00276	63.64	-148.49	0.00231
56.57	-155.56	0.00196	49.50	-162.63	0.00168
42.43	-169.71	0.00146	35.36	-176.78	0.00128
183.85	-42.43	0.00176	176.78	-49.50	0.00204
169.71	-56.57	0.00239	162.63	-63.64	0.00282
155.56	-70.71	0.00337	148.49	-77.78	0.00409
141.42	-84.85	0.00508	134.35	-91.92	0.00648
130.81	-95.46	0.00743	127.28	-98.99	0.00860
125.16	-101.12	0.00944	123.74	-102.53	0.01006
122.33	-103.94	0.01073	120.92	-105.36	0.01146
119.50	-106.77	0.01227	106.77	-119.50	0.00804
105.36	-120.92	0.00735	103.94	-122.33	0.00680
102.53	-123.74	0.00633	101.12	-125.16	0.00593
98.99	-127.28	0.00541	95.46	-130.81	0.00471
91.92	-134.35	0.00416	84.85	-141.42	0.00333
77.78	-148.49	0.00273	70.71	-155.56	0.00228
63.64	-162.63	0.00194	56.57	-169.71	0.00167
49.50	-176.78	0.00145	42.43	-183.85	0.00127

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00178	183.85	-56.57	0.00205
176.78	-63.64	0.00240	169.71	-70.71	0.00282
162.63	-77.78	0.00337	155.56	-84.85	0.00409
148.49	-91.92	0.00506	141.42	-98.99	0.00646
137.89	-102.53	0.00739	134.35	-106.07	0.00855
132.23	-108.19	0.00938	130.81	-109.60	0.00999
129.40	-111.02	0.01066	127.99	-112.43	0.01139
126.57	-113.84	0.01219	113.84	-126.57	0.00795
112.43	-127.99	0.00727	111.02	-129.40	0.00672
109.60	-130.81	0.00625	108.19	-132.23	0.00585

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00533	102.53	-137.89	0.00464
98.99	-141.42	0.00409	91.92	-148.49	0.00327
84.85	-155.56	0.00269	77.78	-162.63	0.00226
70.71	-169.71	0.00192	63.64	-176.78	0.00166
56.57	-183.85	0.00144	49.50	-190.92	0.00126
197.99	-56.57	0.00179	190.92	-63.64	0.00206
183.85	-70.71	0.00240	176.78	-77.78	0.00283
169.71	-84.85	0.00337	162.63	-91.92	0.00408
155.56	-98.99	0.00505	148.49	-106.07	0.00643
144.96	-109.60	0.00735	141.42	-113.14	0.00849
139.30	-115.26	0.00930	137.89	-116.67	0.00990
136.47	-118.09	0.01057	135.06	-119.50	0.01129
133.64	-120.92	0.01210	120.92	-133.64	0.00784
119.50	-135.06	0.00716	118.09	-136.47	0.00661
116.67	-137.89	0.00614	115.26	-139.30	0.00574
113.14	-141.42	0.00523	109.60	-144.96	0.00455
106.07	-148.49	0.00401	98.99	-155.56	0.00322
91.92	-162.63	0.00266	84.85	-169.71	0.00223
77.78	-176.78	0.00190	70.71	-183.85	0.00164
63.64	-190.92	0.00143	56.57	-197.99	0.00125
205.06	-63.64	0.00179	197.99	-70.71	0.00207
190.92	-77.78	0.00241	183.85	-84.85	0.00283
176.78	-91.92	0.00337	169.71	-98.99	0.00407
162.63	-106.07	0.00503	155.56	-113.14	0.00639

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00729	148.49	-120.21	0.00841
146.37	-122.33	0.00921	144.96	-123.74	0.00980
143.54	-125.16	0.01046	142.13	-126.57	0.01117
140.71	-127.99	0.01196	127.99	-140.71	0.00769
126.57	-142.13	0.00701	125.16	-143.54	0.00647
123.74	-144.96	0.00600	122.33	-146.37	0.00561
120.21	-148.49	0.00511	116.67	-152.03	0.00444
113.14	-155.56	0.00392	106.07	-162.63	0.00316
98.99	-169.71	0.00261	91.92	-176.78	0.00220
84.85	-183.85	0.00188	77.78	-190.92	0.00162
70.71	-197.99	0.00142	63.64	-205.06	0.00125
212.13	-70.71	0.00180	205.06	-77.78	0.00207
197.99	-84.85	0.00240	190.92	-91.92	0.00282
183.85	-98.99	0.00336	176.78	-106.07	0.00406
169.71	-113.14	0.00500	162.63	-120.21	0.00634
159.10	-123.74	0.00723	155.56	-127.28	0.00832

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00911	152.03	-130.81	0.00968
150.61	-132.23	0.01031	149.20	-133.64	0.01101
147.79	-135.06	0.01178	135.06	-147.79	0.00750
133.64	-149.20	0.00682	132.23	-150.61	0.00628
130.81	-152.03	0.00583	129.40	-153.44	0.00545
127.28	-155.56	0.00497	123.74	-159.10	0.00433
120.21	-162.63	0.00384	113.14	-169.71	0.00310
106.07	-176.78	0.00257	98.99	-183.85	0.00217
91.92	-190.92	0.00186	84.85	-197.99	0.00161
77.78	-205.06	0.00140	70.71	-212.13	0.00124
219.20	-77.78	0.00180	212.13	-84.85	0.00207
205.06	-91.92	0.00240	197.99	-98.99	0.00281
190.92	-106.07	0.00334	183.85	-113.14	0.00403
176.78	-120.21	0.00496	169.71	-127.28	0.00628
166.17	-130.81	0.00716	162.63	-134.35	0.00824
160.51	-136.47	0.00899	159.10	-137.89	0.00955
157.68	-139.30	0.01016	156.27	-140.71	0.01082
154.86	-142.13	0.01157	142.13	-154.86	0.00725

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00659	139.30	-157.68	0.00608
137.89	-159.10	0.00565	136.47	-160.51	0.00529
134.35	-162.63	0.00483	130.81	-166.17	0.00423
127.28	-169.71	0.00375	120.21	-176.78	0.00304
113.14	-183.85	0.00253	106.07	-190.92	0.00214
98.99	-197.99	0.00183	91.92	-205.06	0.00158
84.85	-212.13	0.00138	77.78	-219.20	0.00122
226.27	-84.85	0.00180	219.20	-91.92	0.00207
212.13	-98.99	0.00239	205.06	-106.07	0.00280
197.99	-113.14	0.00332	190.92	-120.21	0.00399
183.85	-127.28	0.00491	176.78	-134.35	0.00620
173.24	-137.89	0.00706	169.71	-141.42	0.00811
167.58	-143.54	0.00885	166.17	-144.96	0.00940
164.76	-146.37	0.00999	163.34	-147.79	0.01064
161.93	-149.20	0.01134	149.20	-161.93	0.00700
147.79	-163.34	0.00639	146.37	-164.76	0.00590
144.96	-166.17	0.00550	143.54	-167.58	0.00516
141.42	-169.71	0.00472	137.89	-173.24	0.00413
134.35	-176.78	0.00367	127.28	-183.85	0.00297
120.21	-190.92	0.00247	113.14	-197.99	0.00209
106.07	-205.06	0.00179	98.99	-212.13	0.00155
91.92	-219.20	0.00136	84.85	-226.27	0.00120

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00180	226.27	-98.99	0.00207
219.20	-106.07	0.00239	212.13	-113.14	0.00279
205.06	-120.21	0.00329	197.99	-127.28	0.00396
190.92	-134.35	0.00485	183.85	-141.42	0.00610
180.31	-144.96	0.00693	176.78	-148.49	0.00794
174.66	-150.61	0.00865	173.24	-152.03	0.00917
171.83	-153.44	0.00973	170.41	-154.86	0.01032
169.00	-156.27	0.01094	156.27	-169.00	0.00672
154.86	-170.41	0.00617	153.44	-171.83	0.00570
152.03	-173.24	0.00532	150.61	-174.66	0.00499
148.49	-176.78	0.00457	144.96	-180.31	0.00400
141.42	-183.85	0.00355	134.35	-190.92	0.00288

16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00240	120.21	-205.06	0.00203
113.14	-212.13	0.00174	106.07	-219.20	0.00151
98.99	-226.27	0.00133	91.92	-233.35	0.00117
240.42	-98.99	0.00180	233.35	-106.07	0.00206
226.27	-113.14	0.00238	219.20	-120.21	0.00277
212.13	-127.28	0.00326	205.06	-134.35	0.00390
197.99	-141.42	0.00476	190.92	-148.49	0.00593
187.38	-152.03	0.00669	183.85	-155.56	0.00757
181.73	-157.68	0.00815	180.31	-159.10	0.00855
178.90	-160.51	0.00893	177.48	-161.93	0.00929
176.07	-163.34	0.00957	163.34	-176.07	0.00621
161.93	-177.48	0.00579	160.51	-178.90	0.00542
159.10	-180.31	0.00509	157.68	-181.73	0.00479
155.56	-183.85	0.00440	152.03	-187.38	0.00387
148.49	-190.92	0.00344	141.42	-197.99	0.00279
134.35	-205.06	0.00232	127.28	-212.13	0.00197
120.21	-219.20	0.00170	113.14	-226.27	0.00148
106.07	-233.35	0.00130	98.99	-240.42	0.00115
247.49	-106.07	0.00180	240.42	-113.14	0.00205
233.35	-120.21	0.00236	226.27	-127.28	0.00274
219.20	-134.35	0.00321	212.13	-141.42	0.00382
205.06	-148.49	0.00461	197.99	-155.56	0.00564
194.45	-159.10	0.00626	190.92	-162.63	0.00692
188.80	-164.76	0.00730	187.38	-166.17	0.00754
185.97	-167.58	0.00775	184.55	-169.00	0.00791
183.14	-170.41	0.00800	170.41	-183.14	0.00557
169.00	-184.55	0.00526	167.58	-185.97	0.00498
166.17	-187.38	0.00472	164.76	-188.80	0.00448

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00415	159.10	-194.45	0.00369
155.56	-197.99	0.00330	148.49	-205.06	0.00270
141.42	-212.13	0.00225	134.35	-219.20	0.00191
127.28	-226.27	0.00165	120.21	-233.35	0.00144
113.14	-240.42	0.00127	106.07	-247.49	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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16NCRA\_PL91-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S1	1ST	HIGHEST	VALUE IS	0.00824	AT (	161.93,	-149.20,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00817	AT (	169.00,	-156.27,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00805	AT (	154.86,	-142.13,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00776	AT (	147.79,	-135.06,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00753	AT (	170.41,	-154.86,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00750	AT (	163.34,	-147.79,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00730	AT (	140.71,	-127.99,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00727	AT (	156.27,	-140.71,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00709	AT (	176.07,	-163.34,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00694	AT (	149.20,	-133.64,	0.00,	1.20)	DC	NA
NCRA_S2	1ST	HIGHEST	VALUE IS	0.00824	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00817	AT (	105.36,	-92.63,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00805	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00776	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00753	AT (	106.77,	-91.22,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00750	AT (	99.70,	-84.15,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00730	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00727	AT (	92.63,	-77.07,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00709	AT (	112.43,	-99.70,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00694	AT (	85.56,	-70.00,	0.00,	1.20)	DC	NA
NCRA_S3	1ST	HIGHEST	VALUE IS	0.00824	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00817	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00805	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00776	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00753	AT (	43.13,	-27.58,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00750	AT (	36.06,	-20.51,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00730	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00727	AT (	28.99,	-13.44,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00709	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00694	AT (	21.92,	-6.36,	0.00,	1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S4	1ST	HIGHEST	VALUE IS	0.00824	AT (	-28.99,	41.72,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00817	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00805	AT (	-36.06,	48.79,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00776	AT (	-43.13,	55.86,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00753	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00750	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00730	AT (	-50.20,	62.93,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00727	AT (	-34.65,	50.20,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00709	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00694	AT (	-41.72,	57.28,	0.00,	1.20)	DC	NA
NCRA_S5	1ST	HIGHEST	VALUE IS	0.00824	AT (	-92.63,	105.36,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00817	AT (	-85.56,	98.29,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00805	AT (	-99.70,	112.43,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00776	AT (	-106.77,	119.50,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00753	AT (	-84.15,	99.70,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00750	AT (	-91.22,	106.77,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00730	AT (	-113.84,	126.57,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00727	AT (	-98.29,	113.84,	0.00,	1.20)	DC	NA

		16NCRA_PL91-300_DPM_TRAV_ANN_SE-NW Bound								
	9TH HIGHEST VALUE IS	0.00709	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00694	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01242	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01242	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01241	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01241	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01240	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01240	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01239	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01238	AT (	105.36,	-92.63,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01237	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01235	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:09:05

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*



ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 15:19:20

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at SE/NW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-98.99	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
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RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-98.99	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	99.0	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2



RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
RE DISCCART	-74.25	95.46	1.2
RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART	-89.8	65.76	1.2
RE DISCCART	-91.92	63.64	1.2
RE DISCCART	-95.46	60.1	1.2
RE DISCCART	-98.99	56.57	1.2
RE DISCCART	-106.07	49.5	1.2
RE DISCCART	-113.14	42.43	1.2
RE DISCCART	-120.21	35.36	1.2
RE DISCCART	-127.28	28.28	1.2
RE DISCCART	-134.35	21.21	1.2
RE DISCCART	-141.42	14.14	1.2
RE DISCCART	-148.49	7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-53.03	88.39	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-58.69	82.73	1.2
RE DISCCART	-60.1	81.32	1.2
RE DISCCART	-61.52	79.9	1.2
RE DISCCART	-62.93	78.49	1.2
RE DISCCART	-64.35	77.07	1.2
RE DISCCART	-77.07	64.35	1.2
RE DISCCART	-78.49	62.93	1.2
RE DISCCART	-79.9	61.52	1.2
RE DISCCART	-81.32	60.1	1.2
RE DISCCART	-82.73	58.69	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-88.39	53.03	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	120.21	1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
RE DISCCART	-70.0	57.28	1.2
RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
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RE DISCCART	-62.93	50.2	1.2
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RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
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RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
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RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
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RE DISCCART	0.0	84.85	1.2
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RE DISCCART	-33.23	51.62	1.2
RE DISCCART	-34.65	50.2	1.2
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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-53.03	31.82	1.2
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RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
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RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
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RE DISCCART	-14.14	56.57	1.2
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RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
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RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
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RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2



RE DISCCART -98.99 -42.43 1.2  
RE DISCCART 49.5 91.92 1.2  
RE DISCCART 42.43 84.85 1.2  
RE DISCCART 35.36 77.78 1.2  
RE DISCCART 28.28 70.71 1.2  
RE DISCCART 21.21 63.64 1.2  
RE DISCCART 14.14 56.57 1.2  
RE DISCCART 7.07 49.5 1.2  
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RE DISCCART -3.54 38.89 1.2  
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RE DISCCART -9.19 33.23 1.2  
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RE DISCCART -12.02 30.41 1.2  
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RE DISCCART -27.58 14.85 1.2  
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RE DISCCART -33.23 9.19 1.2  
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RE DISCCART -91.92 -49.5 1.2  
RE DISCCART 56.57 84.85 1.2  
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RE DISCCART 42.43 70.71 1.2  
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RE DISCCART 28.28 56.57 1.2  
RE DISCCART 21.21 49.5 1.2  
RE DISCCART 14.14 42.43 1.2  
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RE DISCCART 0.0 28.28 1.2  
RE DISCCART -2.12 26.16 1.2  
RE DISCCART -3.54 24.75 1.2  
RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-20.51	7.78	1.2
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RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
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RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
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RE DISCCART	4.95	19.09	1.2
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RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
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RE DISCCART	42.43	42.43	1.2
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RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
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RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
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RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2  
RE DISCCART 0.0 -70.71 1.2  
RE DISCCART -7.07 -77.78 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -91.92 1.2  
RE DISCCART -28.28 -98.99 1.2  
RE DISCCART -35.36 -106.07 1.2  
RE DISCCART 113.14 28.28 1.2  
RE DISCCART 106.07 21.21 1.2  
RE DISCCART 98.99 14.14 1.2  
RE DISCCART 91.92 7.07 1.2  
RE DISCCART 84.85 0.0 1.2  
RE DISCCART 77.78 -7.07 1.2  
RE DISCCART 70.71 -14.14 1.2  
RE DISCCART 63.64 -21.21 1.2  
RE DISCCART 60.1 -24.75 1.2  
RE DISCCART 56.57 -28.28 1.2  
RE DISCCART 54.45 -30.41 1.2  
RE DISCCART 53.03 -31.82 1.2  
RE DISCCART 51.62 -33.23 1.2  
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RE DISCCART 48.79 -36.06 1.2  
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RE DISCCART 34.65 -50.2 1.2  
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RE DISCCART 31.82 -53.03 1.2  
RE DISCCART 30.41 -54.45 1.2  
RE DISCCART 28.28 -56.57 1.2  
RE DISCCART 24.75 -60.1 1.2  
RE DISCCART 21.21 -63.64 1.2  
RE DISCCART 14.14 -70.71 1.2  
RE DISCCART 7.07 -77.78 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -98.99 1.2  
RE DISCCART -21.21 -106.07 1.2  
RE DISCCART -28.28 -113.14 1.2  
RE DISCCART 120.21 21.21 1.2  
RE DISCCART 113.14 14.14 1.2  
RE DISCCART 106.07 7.07 1.2  
RE DISCCART 98.99 0.0 1.2  
RE DISCCART 91.92 -7.07 1.2  
RE DISCCART 84.85 -14.14 1.2  
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2



RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
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RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
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RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
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RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
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RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
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RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
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RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
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RE DISCCART	115.26	-139.3	1.2
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RE DISCCART	91.92	-162.63	1.2
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RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
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RE DISCCART	155.56	-113.14	1.2
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RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2



RE DISCCART	149.2	-133.64	1.2
RE DISCCART	147.79	-135.06	1.2
RE DISCCART	135.06	-147.79	1.2
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RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
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RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
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RE DISCCART	142.13	-154.86	1.2
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RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
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RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
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RE DISCCART	143.54	-167.58	1.2
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RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
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RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
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RE DISCCART	173.24	-152.03	1.2
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RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
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RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
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RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

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RE DISCCART 194.45 -159.1 1.2  
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RE FINISHED

ME STARTING

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ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1992

ME UAIRDATA 9901 1992

ME STARTEND 1992 01 01 1 1992 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =  
0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\17NCRA-1.DAT



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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( -141.4,	198.0,	0.0,	1.2);	( -148.5,	190.9,	0.0,	1.2);
( -152.0,	187.4,	0.0,	1.2);	( -155.6,	183.9,	0.0,	1.2);
( -157.7,	181.7,	0.0,	1.2);	( -159.1,	180.3,	0.0,	1.2);
( -160.5,	178.9,	0.0,	1.2);	( -161.9,	177.5,	0.0,	1.2);
( -163.3,	176.1,	0.0,	1.2);	( -176.1,	163.3,	0.0,	1.2);
( -177.5,	161.9,	0.0,	1.2);	( -178.9,	160.5,	0.0,	1.2);
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( -156.3,	169.0,	0.0,	1.2);	( -169.0,	156.3,	0.0,	1.2);
( -170.4,	154.9,	0.0,	1.2);	( -171.8,	153.4,	0.0,	1.2);
( -173.2,	152.0,	0.0,	1.2);	( -174.7,	150.6,	0.0,	1.2);
( -176.8,	148.5,	0.0,	1.2);	( -180.3,	145.0,	0.0,	1.2);
( -183.9,	141.4,	0.0,	1.2);	( -190.9,	134.4,	0.0,	1.2);
( -198.0,	127.3,	0.0,	1.2);	( -205.1,	120.2,	0.0,	1.2);
( -212.1,	113.1,	0.0,	1.2);	( -219.2,	106.1,	0.0,	1.2);
( -226.3,	99.0,	0.0,	1.2);	( -233.4,	91.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -84.8, 226.3, 0.0, 1.2);	( -91.9, 219.2, 0.0, 1.2);
( -99.0, 212.1, 0.0, 1.2);	( -106.1, 205.1, 0.0, 1.2);
( -113.1, 198.0, 0.0, 1.2);	( -120.2, 190.9, 0.0, 1.2);
( -127.3, 183.9, 0.0, 1.2);	( -134.4, 176.8, 0.0, 1.2);
( -137.9, 173.2, 0.0, 1.2);	( -141.4, 169.7, 0.0, 1.2);
( -143.5, 167.6, 0.0, 1.2);	( -145.0, 166.2, 0.0, 1.2);
( -146.4, 164.8, 0.0, 1.2);	( -147.8, 163.3, 0.0, 1.2);
( -149.2, 161.9, 0.0, 1.2);	( -161.9, 149.2, 0.0, 1.2);
( -163.3, 147.8, 0.0, 1.2);	( -164.8, 146.4, 0.0, 1.2);
( -166.2, 145.0, 0.0, 1.2);	( -167.6, 143.5, 0.0, 1.2);
( -169.7, 141.4, 0.0, 1.2);	( -173.2, 137.9, 0.0, 1.2);
( -176.8, 134.4, 0.0, 1.2);	( -183.9, 127.3, 0.0, 1.2);
( -190.9, 120.2, 0.0, 1.2);	( -198.0, 113.1, 0.0, 1.2);
( -205.1, 106.1, 0.0, 1.2);	( -212.1, 99.0, 0.0, 1.2);
( -219.2, 91.9, 0.0, 1.2);	( -226.3, 84.8, 0.0, 1.2);
( -77.8, 219.2, 0.0, 1.2);	( -84.8, 212.1, 0.0, 1.2);
( -91.9, 205.1, 0.0, 1.2);	( -99.0, 198.0, 0.0, 1.2);
( -106.1, 190.9, 0.0, 1.2);	( -113.1, 183.9, 0.0, 1.2);
( -120.2, 176.8, 0.0, 1.2);	( -127.3, 169.7, 0.0, 1.2);
( -130.8, 166.2, 0.0, 1.2);	( -134.4, 162.6, 0.0, 1.2);
( -136.5, 160.5, 0.0, 1.2);	( -137.9, 159.1, 0.0, 1.2);
( -139.3, 157.7, 0.0, 1.2);	( -140.7, 156.3, 0.0, 1.2);
( -142.1, 154.9, 0.0, 1.2);	( -154.9, 142.1, 0.0, 1.2);
( -156.3, 140.7, 0.0, 1.2);	( -157.7, 139.3, 0.0, 1.2);
( -159.1, 137.9, 0.0, 1.2);	( -160.5, 136.5, 0.0, 1.2);
( -162.6, 134.4, 0.0, 1.2);	( -166.2, 130.8, 0.0, 1.2);
( -169.7, 127.3, 0.0, 1.2);	( -176.8, 120.2, 0.0, 1.2);
( -183.9, 113.1, 0.0, 1.2);	( -190.9, 106.1, 0.0, 1.2);
( -198.0, 99.0, 0.0, 1.2);	( -205.1, 91.9, 0.0, 1.2);
( -212.1, 84.8, 0.0, 1.2);	( -219.2, 77.8, 0.0, 1.2);
( -70.7, 212.1, 0.0, 1.2);	( -77.8, 205.1, 0.0, 1.2);
( -84.8, 198.0, 0.0, 1.2);	( -91.9, 190.9, 0.0, 1.2);
( -99.0, 183.9, 0.0, 1.2);	( -106.1, 176.8, 0.0, 1.2);
( -113.1, 169.7, 0.0, 1.2);	( -120.2, 162.6, 0.0, 1.2);
( -123.7, 159.1, 0.0, 1.2);	( -127.3, 155.6, 0.0, 1.2);
( -129.4, 153.4, 0.0, 1.2);	( -130.8, 152.0, 0.0, 1.2);
( -132.2, 150.6, 0.0, 1.2);	( -133.6, 149.2, 0.0, 1.2);
( -135.1, 147.8, 0.0, 1.2);	( -147.8, 135.1, 0.0, 1.2);
( -149.2, 133.6, 0.0, 1.2);	( -150.6, 132.2, 0.0, 1.2);



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -152.0,	130.8,	0.0,	1.2);	( -153.4,	129.4,	0.0,	1.2);
( -155.6,	127.3,	0.0,	1.2);	( -159.1,	123.7,	0.0,	1.2);
( -162.6,	120.2,	0.0,	1.2);	( -169.7,	113.1,	0.0,	1.2);
( -176.8,	106.1,	0.0,	1.2);	( -183.9,	99.0,	0.0,	1.2);
( -190.9,	91.9,	0.0,	1.2);	( -198.0,	84.8,	0.0,	1.2);
( -205.1,	77.8,	0.0,	1.2);	( -212.1,	70.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -63.6,	205.1,	0.0,	1.2);	( -70.7,	198.0,	0.0,	1.2);
( -77.8,	190.9,	0.0,	1.2);	( -84.8,	183.9,	0.0,	1.2);
( -91.9,	176.8,	0.0,	1.2);	( -99.0,	169.7,	0.0,	1.2);
( -106.1,	162.6,	0.0,	1.2);	( -113.1,	155.6,	0.0,	1.2);
( -116.7,	152.0,	0.0,	1.2);	( -120.2,	148.5,	0.0,	1.2);
( -122.3,	146.4,	0.0,	1.2);	( -123.7,	145.0,	0.0,	1.2);
( -125.2,	143.5,	0.0,	1.2);	( -126.6,	142.1,	0.0,	1.2);
( -128.0,	140.7,	0.0,	1.2);	( -140.7,	128.0,	0.0,	1.2);
( -142.1,	126.6,	0.0,	1.2);	( -143.5,	125.2,	0.0,	1.2);
( -145.0,	123.7,	0.0,	1.2);	( -146.4,	122.3,	0.0,	1.2);
( -148.5,	120.2,	0.0,	1.2);	( -152.0,	116.7,	0.0,	1.2);
( -155.6,	113.1,	0.0,	1.2);	( -162.6,	106.1,	0.0,	1.2);
( -169.7,	99.0,	0.0,	1.2);	( -176.8,	91.9,	0.0,	1.2);
( -183.9,	84.8,	0.0,	1.2);	( -190.9,	77.8,	0.0,	1.2);
( -198.0,	70.7,	0.0,	1.2);	( -205.1,	63.6,	0.0,	1.2);
( -56.6,	198.0,	0.0,	1.2);	( -63.6,	190.9,	0.0,	1.2);
( -70.7,	183.9,	0.0,	1.2);	( -77.8,	176.8,	0.0,	1.2);
( -84.8,	169.7,	0.0,	1.2);	( -91.9,	162.6,	0.0,	1.2);
( -99.0,	155.6,	0.0,	1.2);	( -106.1,	148.5,	0.0,	1.2);
( -109.6,	145.0,	0.0,	1.2);	( -113.1,	141.4,	0.0,	1.2);
( -115.3,	139.3,	0.0,	1.2);	( -116.7,	137.9,	0.0,	1.2);
( -118.1,	136.5,	0.0,	1.2);	( -119.5,	135.1,	0.0,	1.2);
( -120.9,	133.6,	0.0,	1.2);	( -133.6,	120.9,	0.0,	1.2);
( -135.1,	119.5,	0.0,	1.2);	( -136.5,	118.1,	0.0,	1.2);
( -137.9,	116.7,	0.0,	1.2);	( -139.3,	115.3,	0.0,	1.2);
( -141.4,	113.1,	0.0,	1.2);	( -145.0,	109.6,	0.0,	1.2);
( -148.5,	106.1,	0.0,	1.2);	( -155.6,	99.0,	0.0,	1.2);
( -162.6,	91.9,	0.0,	1.2);	( -169.7,	84.8,	0.0,	1.2);
( -176.8,	77.8,	0.0,	1.2);	( -183.9,	70.7,	0.0,	1.2);
( -190.9,	63.6,	0.0,	1.2);	( -198.0,	56.6,	0.0,	1.2);
( -49.5,	190.9,	0.0,	1.2);	( -56.6,	183.9,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -63.6,	176.8,	0.0,	1.2);	( -70.7,	169.7,	0.0,	1.2);
( -77.8,	162.6,	0.0,	1.2);	( -84.8,	155.6,	0.0,	1.2);
( -91.9,	148.5,	0.0,	1.2);	( -99.0,	141.4,	0.0,	1.2);
( -102.5,	137.9,	0.0,	1.2);	( -106.1,	134.4,	0.0,	1.2);
( -108.2,	132.2,	0.0,	1.2);	( -109.6,	130.8,	0.0,	1.2);
( -111.0,	129.4,	0.0,	1.2);	( -112.4,	128.0,	0.0,	1.2);
( -113.8,	126.6,	0.0,	1.2);	( -126.6,	113.8,	0.0,	1.2);
( -128.0,	112.4,	0.0,	1.2);	( -129.4,	111.0,	0.0,	1.2);
( -130.8,	109.6,	0.0,	1.2);	( -132.2,	108.2,	0.0,	1.2);
( -134.4,	106.1,	0.0,	1.2);	( -137.9,	102.5,	0.0,	1.2);
( -141.4,	99.0,	0.0,	1.2);	( -148.5,	91.9,	0.0,	1.2);
( -155.6,	84.8,	0.0,	1.2);	( -162.6,	77.8,	0.0,	1.2);
( -169.7,	70.7,	0.0,	1.2);	( -176.8,	63.6,	0.0,	1.2);
( -183.9,	56.6,	0.0,	1.2);	( -190.9,	49.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -42.4,	183.9,	0.0,	1.2);	( -49.5,	176.8,	0.0,	1.2);
( -56.6,	169.7,	0.0,	1.2);	( -63.6,	162.6,	0.0,	1.2);
( -70.7,	155.6,	0.0,	1.2);	( -77.8,	148.5,	0.0,	1.2);
( -84.8,	141.4,	0.0,	1.2);	( -91.9,	134.4,	0.0,	1.2);
( -95.5,	130.8,	0.0,	1.2);	( -99.0,	127.3,	0.0,	1.2);
( -101.1,	125.2,	0.0,	1.2);	( -102.5,	123.7,	0.0,	1.2);
( -103.9,	122.3,	0.0,	1.2);	( -105.4,	120.9,	0.0,	1.2);
( -106.8,	119.5,	0.0,	1.2);	( -119.5,	106.8,	0.0,	1.2);
( -120.9,	105.4,	0.0,	1.2);	( -122.3,	103.9,	0.0,	1.2);
( -123.7,	102.5,	0.0,	1.2);	( -125.2,	101.1,	0.0,	1.2);
( -127.3,	99.0,	0.0,	1.2);	( -130.8,	95.5,	0.0,	1.2);
( -134.4,	91.9,	0.0,	1.2);	( -141.4,	84.8,	0.0,	1.2);
( -148.5,	77.8,	0.0,	1.2);	( -155.6,	70.7,	0.0,	1.2);
( -162.6,	63.6,	0.0,	1.2);	( -169.7,	56.6,	0.0,	1.2);
( -176.8,	49.5,	0.0,	1.2);	( -183.9,	42.4,	0.0,	1.2);
( -35.4,	176.8,	0.0,	1.2);	( -42.4,	169.7,	0.0,	1.2);
( -49.5,	162.6,	0.0,	1.2);	( -56.6,	155.6,	0.0,	1.2);
( -63.6,	148.5,	0.0,	1.2);	( -70.7,	141.4,	0.0,	1.2);
( -77.8,	134.4,	0.0,	1.2);	( -84.8,	127.3,	0.0,	1.2);
( -88.4,	123.7,	0.0,	1.2);	( -91.9,	120.2,	0.0,	1.2);
( -94.1,	118.1,	0.0,	1.2);	( -95.5,	116.7,	0.0,	1.2);
( -96.9,	115.3,	0.0,	1.2);	( -98.3,	113.8,	0.0,	1.2);
( -99.7,	112.4,	0.0,	1.2);	( -112.4,	99.7,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -113.8,	98.3,	0.0,	1.2);	( -115.3,	96.9,	0.0,	1.2);
( -116.7,	95.5,	0.0,	1.2);	( -118.1,	94.1,	0.0,	1.2);
( -120.2,	91.9,	0.0,	1.2);	( -123.7,	88.4,	0.0,	1.2);
( -127.3,	84.8,	0.0,	1.2);	( -134.4,	77.8,	0.0,	1.2);
( -141.4,	70.7,	0.0,	1.2);	( -148.5,	63.6,	0.0,	1.2);
( -155.6,	56.6,	0.0,	1.2);	( -162.6,	49.5,	0.0,	1.2);
( -169.7,	42.4,	0.0,	1.2);	( -176.8,	35.4,	0.0,	1.2);
( -28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,	0.0,	1.2);
( -42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,	0.0,	1.2);
( -56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,	0.0,	1.2);
( -70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,	0.0,	1.2);
( -81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,	0.0,	1.2);
( -87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,	0.0,	1.2);
( -89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,	0.0,	1.2);
( -92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,	0.0,	1.2);
( -106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,	0.0,	1.2);
( -109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,	0.0,	1.2);
( -113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,	0.0,	1.2);
( -120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,	0.0,	1.2);
( -134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,	0.0,	1.2);
( -148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,	0.0,	1.2);
( -162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,	0.0,	1.2);
( -35.4,	148.5,	0.0,	1.2);	( -42.4,	141.4,	0.0,	1.2);
( -49.5,	134.4,	0.0,	1.2);	( -56.6,	127.3,	0.0,	1.2);
( -63.6,	120.2,	0.0,	1.2);	( -70.7,	113.1,	0.0,	1.2);
( -74.2,	109.6,	0.0,	1.2);	( -77.8,	106.1,	0.0,	1.2);
( -79.9,	103.9,	0.0,	1.2);	( -81.3,	102.5,	0.0,	1.2);
( -82.7,	101.1,	0.0,	1.2);	( -84.2,	99.7,	0.0,	1.2);
( -85.6,	98.3,	0.0,	1.2);	( -98.3,	85.6,	0.0,	1.2);
( -99.7,	84.2,	0.0,	1.2);	( -101.1,	82.7,	0.0,	1.2);
( -102.5,	81.3,	0.0,	1.2);	( -103.9,	79.9,	0.0,	1.2);
( -106.1,	77.8,	0.0,	1.2);	( -109.6,	74.2,	0.0,	1.2);
( -113.1,	70.7,	0.0,	1.2);	( -120.2,	63.6,	0.0,	1.2);
( -127.3,	56.6,	0.0,	1.2);	( -134.4,	49.5,	0.0,	1.2);
( -141.4,	42.4,	0.0,	1.2);	( -148.5,	35.4,	0.0,	1.2);
( -155.6,	28.3,	0.0,	1.2);	( -162.6,	21.2,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -14.1,	155.6,	0.0,	1.2);	( -21.2,	148.5,	0.0,	1.2);
( -28.3,	141.4,	0.0,	1.2);	( -35.4,	134.4,	0.0,	1.2);
( -42.4,	127.3,	0.0,	1.2);	( -49.5,	120.2,	0.0,	1.2);
( -56.6,	113.1,	0.0,	1.2);	( -63.6,	106.1,	0.0,	1.2);
( -67.2,	102.5,	0.0,	1.2);	( -70.7,	99.0,	0.0,	1.2);
( -72.8,	96.9,	0.0,	1.2);	( -74.2,	95.5,	0.0,	1.2);
( -75.7,	94.1,	0.0,	1.2);	( -77.1,	92.6,	0.0,	1.2);
( -78.5,	91.2,	0.0,	1.2);	( -91.2,	78.5,	0.0,	1.2);
( -92.6,	77.1,	0.0,	1.2);	( -94.1,	75.7,	0.0,	1.2);
( -95.5,	74.2,	0.0,	1.2);	( -96.9,	72.8,	0.0,	1.2);
( -99.0,	70.7,	0.0,	1.2);	( -102.5,	67.2,	0.0,	1.2);
( -106.1,	63.6,	0.0,	1.2);	( -113.1,	56.6,	0.0,	1.2);
( -120.2,	49.5,	0.0,	1.2);	( -127.3,	42.4,	0.0,	1.2);
( -134.4,	35.4,	0.0,	1.2);	( -141.4,	28.3,	0.0,	1.2);
( -148.5,	21.2,	0.0,	1.2);	( -155.6,	14.1,	0.0,	1.2);
( -7.1,	148.5,	0.0,	1.2);	( -14.1,	141.4,	0.0,	1.2);
( -21.2,	134.4,	0.0,	1.2);	( -28.3,	127.3,	0.0,	1.2);
( -35.4,	120.2,	0.0,	1.2);	( -42.4,	113.1,	0.0,	1.2);
( -49.5,	106.1,	0.0,	1.2);	( -56.6,	99.0,	0.0,	1.2);
( -60.1,	95.5,	0.0,	1.2);	( -63.6,	91.9,	0.0,	1.2);
( -65.8,	89.8,	0.0,	1.2);	( -67.2,	88.4,	0.0,	1.2);
( -68.6,	87.0,	0.0,	1.2);	( -70.0,	85.6,	0.0,	1.2);
( -71.4,	84.2,	0.0,	1.2);	( -84.2,	71.4,	0.0,	1.2);
( -85.6,	70.0,	0.0,	1.2);	( -87.0,	68.6,	0.0,	1.2);
( -88.4,	67.2,	0.0,	1.2);	( -89.8,	65.8,	0.0,	1.2);
( -91.9,	63.6,	0.0,	1.2);	( -95.5,	60.1,	0.0,	1.2);
( -99.0,	56.6,	0.0,	1.2);	( -106.1,	49.5,	0.0,	1.2);
( -113.1,	42.4,	0.0,	1.2);	( -120.2,	35.4,	0.0,	1.2);
( -127.3,	28.3,	0.0,	1.2);	( -134.4,	21.2,	0.0,	1.2);
( -141.4,	14.1,	0.0,	1.2);	( -148.5,	7.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -64.3,	77.1,	0.0,	1.2);	( -77.1,	64.3,	0.0,	1.2);
( -78.5,	62.9,	0.0,	1.2);	( -79.9,	61.5,	0.0,	1.2);
( -81.3,	60.1,	0.0,	1.2);	( -82.7,	58.7,	0.0,	1.2);
( -84.8,	56.6,	0.0,	1.2);	( -88.4,	53.0,	0.0,	1.2);
( -91.9,	49.5,	0.0,	1.2);	( -99.0,	42.4,	0.0,	1.2);
( -106.1,	35.4,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( -120.2,	21.2,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( -134.4,	7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	127.3,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	113.1,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	99.0,	0.0,	1.2);
( -35.4,	91.9,	0.0,	1.2);	( -42.4,	84.8,	0.0,	1.2);
( -46.0,	81.3,	0.0,	1.2);	( -49.5,	77.8,	0.0,	1.2);
( -51.6,	75.7,	0.0,	1.2);	( -53.0,	74.2,	0.0,	1.2);
( -54.5,	72.8,	0.0,	1.2);	( -55.9,	71.4,	0.0,	1.2);
( -57.3,	70.0,	0.0,	1.2);	( -70.0,	57.3,	0.0,	1.2);
( -71.4,	55.9,	0.0,	1.2);	( -72.8,	54.5,	0.0,	1.2);
( -74.2,	53.0,	0.0,	1.2);	( -75.7,	51.6,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -81.3,	46.0,	0.0,	1.2);
( -84.8,	42.4,	0.0,	1.2);	( -91.9,	35.4,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	21.2,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	-7.1,	0.0,	1.2);
( 14.1,	127.3,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	113.1,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	99.0,	0.0,	1.2);	( -21.2,	91.9,	0.0,	1.2);
( -28.3,	84.8,	0.0,	1.2);	( -35.4,	77.8,	0.0,	1.2);
( -38.9,	74.2,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -44.5,	68.6,	0.0,	1.2);	( -46.0,	67.2,	0.0,	1.2);
( -47.4,	65.8,	0.0,	1.2);	( -48.8,	64.3,	0.0,	1.2);
( -50.2,	62.9,	0.0,	1.2);	( -62.9,	50.2,	0.0,	1.2);
( -64.3,	48.8,	0.0,	1.2);	( -65.8,	47.4,	0.0,	1.2);
( -67.2,	46.0,	0.0,	1.2);	( -68.6,	44.5,	0.0,	1.2);
( -70.7,	42.4,	0.0,	1.2);	( -74.2,	38.9,	0.0,	1.2);
( -77.8,	35.4,	0.0,	1.2);	( -84.8,	28.3,	0.0,	1.2);
( -91.9,	21.2,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	-7.1,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

17NCRA\_PL92-300\_DPM\_TRAV\_ANN SE-NW Bound  
(METERS)

( 21.2, 120.2, 0.0, 1.2);	( 14.1, 113.1, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 99.0, 0.0, 1.2);
( -7.1, 91.9, 0.0, 1.2);	( -14.1, 84.8, 0.0, 1.2);
( -21.2, 77.8, 0.0, 1.2);	( -28.3, 70.7, 0.0, 1.2);
( -31.8, 67.2, 0.0, 1.2);	( -35.4, 63.6, 0.0, 1.2);
( -37.5, 61.5, 0.0, 1.2);	( -38.9, 60.1, 0.0, 1.2);
( -40.3, 58.7, 0.0, 1.2);	( -41.7, 57.3, 0.0, 1.2);
( -43.1, 55.9, 0.0, 1.2);	( -55.9, 43.1, 0.0, 1.2);
( -57.3, 41.7, 0.0, 1.2);	( -58.7, 40.3, 0.0, 1.2);
( -60.1, 38.9, 0.0, 1.2);	( -61.5, 37.5, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -67.2, 31.8, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 21.2, 0.0, 1.2);
( -84.8, 14.1, 0.0, 1.2);	( -91.9, 7.1, 0.0, 1.2);
( -99.0, 0.0, 0.0, 1.2);	( -106.1, -7.1, 0.0, 1.2);
( -113.1, -14.1, 0.0, 1.2);	( -120.2, -21.2, 0.0, 1.2);
( 28.3, 113.1, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 99.0, 0.0, 1.2);	( 7.1, 91.9, 0.0, 1.2);
( 0.0, 84.8, 0.0, 1.2);	( -7.1, 77.8, 0.0, 1.2);
( -14.1, 70.7, 0.0, 1.2);	( -21.2, 63.6, 0.0, 1.2);
( -24.8, 60.1, 0.0, 1.2);	( -28.3, 56.6, 0.0, 1.2);
( -30.4, 54.5, 0.0, 1.2);	( -31.8, 53.0, 0.0, 1.2);
( -33.2, 51.6, 0.0, 1.2);	( -34.7, 50.2, 0.0, 1.2);
( -36.1, 48.8, 0.0, 1.2);	( -48.8, 36.1, 0.0, 1.2);
( -50.2, 34.7, 0.0, 1.2);	( -51.6, 33.2, 0.0, 1.2);
( -53.0, 31.8, 0.0, 1.2);	( -54.5, 30.4, 0.0, 1.2);
( -56.6, 28.3, 0.0, 1.2);	( -60.1, 24.8, 0.0, 1.2);
( -63.6, 21.2, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 7.1, 0.0, 1.2);	( -84.8, 0.0, 0.0, 1.2);
( -91.9, -7.1, 0.0, 1.2);	( -99.0, -14.1, 0.0, 1.2);
( -106.1, -21.2, 0.0, 1.2);	( -113.1, -28.3, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 99.0, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 84.8, 0.0, 1.2);
( 7.1, 77.8, 0.0, 1.2);	( 0.0, 70.7, 0.0, 1.2);
( -7.1, 63.6, 0.0, 1.2);	( -14.1, 56.6, 0.0, 1.2);
( -17.7, 53.0, 0.0, 1.2);	( -21.2, 49.5, 0.0, 1.2);
( -23.3, 47.4, 0.0, 1.2);	( -24.8, 46.0, 0.0, 1.2);
( -26.2, 44.5, 0.0, 1.2);	( -27.6, 43.1, 0.0, 1.2);
( -29.0, 41.7, 0.0, 1.2);	( -41.7, 29.0, 0.0, 1.2);
( -43.1, 27.6, 0.0, 1.2);	( -44.5, 26.2, 0.0, 1.2);
( -46.0, 24.8, 0.0, 1.2);	( -47.4, 23.3, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -53.0, 17.7, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 7.1, 0.0, 1.2);
( -70.7, 0.0, 0.0, 1.2);	( -77.8, -7.1, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -84.8, -14.1, 0.0, 1.2); ( -91.9, -21.2, 0.0, 1.2);  
( -99.0, -28.3, 0.0, 1.2); ( -106.1, -35.4, 0.0, 1.2);

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 42.4, 99.0, 0.0, 1.2); ( 35.4, 91.9, 0.0, 1.2);  
( 28.3, 84.8, 0.0, 1.2); ( 21.2, 77.8, 0.0, 1.2);  
( 14.1, 70.7, 0.0, 1.2); ( 7.1, 63.6, 0.0, 1.2);  
( 0.0, 56.6, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -10.6, 46.0, 0.0, 1.2); ( -14.1, 42.4, 0.0, 1.2);  
( -16.3, 40.3, 0.0, 1.2); ( -17.7, 38.9, 0.0, 1.2);  
( -19.1, 37.5, 0.0, 1.2); ( -20.5, 36.1, 0.0, 1.2);  
( -21.9, 34.7, 0.0, 1.2); ( -34.7, 21.9, 0.0, 1.2);  
( -36.1, 20.5, 0.0, 1.2); ( -37.5, 19.1, 0.0, 1.2);  
( -38.9, 17.7, 0.0, 1.2); ( -40.3, 16.3, 0.0, 1.2);  
( -42.4, 14.1, 0.0, 1.2); ( -46.0, 10.6, 0.0, 1.2);  
( -49.5, 7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);  
( -63.6, -7.1, 0.0, 1.2); ( -70.7, -14.1, 0.0, 1.2);  
( -77.8, -21.2, 0.0, 1.2); ( -84.8, -28.3, 0.0, 1.2);  
( -91.9, -35.4, 0.0, 1.2); ( -99.0, -42.4, 0.0, 1.2);  
( 49.5, 91.9, 0.0, 1.2); ( 42.4, 84.8, 0.0, 1.2);  
( 35.4, 77.8, 0.0, 1.2); ( 28.3, 70.7, 0.0, 1.2);  
( 21.2, 63.6, 0.0, 1.2); ( 14.1, 56.6, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 42.4, 0.0, 1.2);  
( -3.5, 38.9, 0.0, 1.2); ( -7.1, 35.4, 0.0, 1.2);  
( -9.2, 33.2, 0.0, 1.2); ( -10.6, 31.8, 0.0, 1.2);  
( -12.0, 30.4, 0.0, 1.2); ( -13.4, 29.0, 0.0, 1.2);  
( -14.9, 27.6, 0.0, 1.2); ( -27.6, 14.9, 0.0, 1.2);  
( -29.0, 13.4, 0.0, 1.2); ( -30.4, 12.0, 0.0, 1.2);  
( -31.8, 10.6, 0.0, 1.2); ( -33.2, 9.2, 0.0, 1.2);  
( -35.4, 7.1, 0.0, 1.2); ( -38.9, 3.5, 0.0, 1.2);  
( -42.4, 0.0, 0.0, 1.2); ( -49.5, -7.1, 0.0, 1.2);  
( -56.6, -14.1, 0.0, 1.2); ( -63.6, -21.2, 0.0, 1.2);  
( -70.7, -28.3, 0.0, 1.2); ( -77.8, -35.4, 0.0, 1.2);  
( -84.8, -42.4, 0.0, 1.2); ( -91.9, -49.5, 0.0, 1.2);  
( 56.6, 84.8, 0.0, 1.2); ( 49.5, 77.8, 0.0, 1.2);  
( 42.4, 70.7, 0.0, 1.2); ( 35.4, 63.6, 0.0, 1.2);  
( 28.3, 56.6, 0.0, 1.2); ( 21.2, 49.5, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 7.1, 35.4, 0.0, 1.2);  
( 3.5, 31.8, 0.0, 1.2); ( 0.0, 28.3, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

(	-2.1,	26.2,	0.0,	1.2);	(	-3.5,	24.8,	0.0,	1.2);
(	-4.9,	23.3,	0.0,	1.2);	(	-6.4,	21.9,	0.0,	1.2);
(	-7.8,	20.5,	0.0,	1.2);	(	-20.5,	7.8,	0.0,	1.2);
(	-21.9,	6.4,	0.0,	1.2);	(	-23.3,	4.9,	0.0,	1.2);
(	-24.8,	3.5,	0.0,	1.2);	(	-26.2,	2.1,	0.0,	1.2);
(	-28.3,	0.0,	0.0,	1.2);	(	-31.8,	-3.5,	0.0,	1.2);
(	-35.4,	-7.1,	0.0,	1.2);	(	-42.4,	-14.1,	0.0,	1.2);
(	-49.5,	-21.2,	0.0,	1.2);	(	-56.6,	-28.3,	0.0,	1.2);
(	-63.6,	-35.4,	0.0,	1.2);	(	-70.7,	-42.4,	0.0,	1.2);
(	-77.8,	-49.5,	0.0,	1.2);	(	-84.8,	-56.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

(	63.6,	77.8,	0.0,	1.2);	(	56.6,	70.7,	0.0,	1.2);
(	49.5,	63.6,	0.0,	1.2);	(	42.4,	56.6,	0.0,	1.2);
(	35.4,	49.5,	0.0,	1.2);	(	28.3,	42.4,	0.0,	1.2);
(	21.2,	35.4,	0.0,	1.2);	(	14.1,	28.3,	0.0,	1.2);
(	10.6,	24.8,	0.0,	1.2);	(	7.1,	21.2,	0.0,	1.2);
(	4.9,	19.1,	0.0,	1.2);	(	3.5,	17.7,	0.0,	1.2);
(	2.1,	16.3,	0.0,	1.2);	(	0.7,	14.9,	0.0,	1.2);
(	-0.7,	13.4,	0.0,	1.2);	(	-13.4,	0.7,	0.0,	1.2);
(	-14.9,	-0.7,	0.0,	1.2);	(	-16.3,	-2.1,	0.0,	1.2);
(	-17.7,	-3.5,	0.0,	1.2);	(	-19.1,	-4.9,	0.0,	1.2);
(	-21.2,	-7.1,	0.0,	1.2);	(	-24.8,	-10.6,	0.0,	1.2);
(	-28.3,	-14.1,	0.0,	1.2);	(	-35.4,	-21.2,	0.0,	1.2);
(	-42.4,	-28.3,	0.0,	1.2);	(	-49.5,	-35.4,	0.0,	1.2);
(	-56.6,	-42.4,	0.0,	1.2);	(	-63.6,	-49.5,	0.0,	1.2);
(	-70.7,	-56.6,	0.0,	1.2);	(	-77.8,	-63.6,	0.0,	1.2);
(	70.7,	70.7,	0.0,	1.2);	(	63.6,	63.6,	0.0,	1.2);
(	56.6,	56.6,	0.0,	1.2);	(	49.5,	49.5,	0.0,	1.2);
(	42.4,	42.4,	0.0,	1.2);	(	35.4,	35.4,	0.0,	1.2);
(	28.3,	28.3,	0.0,	1.2);	(	21.2,	21.2,	0.0,	1.2);
(	17.7,	17.7,	0.0,	1.2);	(	14.1,	14.1,	0.0,	1.2);
(	12.0,	12.0,	0.0,	1.2);	(	10.6,	10.6,	0.0,	1.2);
(	9.2,	9.2,	0.0,	1.2);	(	7.8,	7.8,	0.0,	1.2);
(	6.4,	6.4,	0.0,	1.2);	(	-6.4,	-6.4,	0.0,	1.2);
(	-7.8,	-7.8,	0.0,	1.2);	(	-9.2,	-9.2,	0.0,	1.2);
(	-10.6,	-10.6,	0.0,	1.2);	(	-12.0,	-12.0,	0.0,	1.2);
(	-14.1,	-14.1,	0.0,	1.2);	(	-17.7,	-17.7,	0.0,	1.2);
(	-21.2,	-21.2,	0.0,	1.2);	(	-28.3,	-28.3,	0.0,	1.2);



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -35.4, -35.4, 0.0, 1.2);	( -42.4, -42.4, 0.0, 1.2);
( -49.5, -49.5, 0.0, 1.2);	( -56.6, -56.6, 0.0, 1.2);
( -63.6, -63.6, 0.0, 1.2);	( -70.7, -70.7, 0.0, 1.2);
( 77.8, 63.6, 0.0, 1.2);	( 70.7, 56.6, 0.0, 1.2);
( 63.6, 49.5, 0.0, 1.2);	( 56.6, 42.4, 0.0, 1.2);
( 49.5, 35.4, 0.0, 1.2);	( 42.4, 28.3, 0.0, 1.2);
( 35.4, 21.2, 0.0, 1.2);	( 28.3, 14.1, 0.0, 1.2);
( 24.8, 10.6, 0.0, 1.2);	( 21.2, 7.1, 0.0, 1.2);
( 19.1, 4.9, 0.0, 1.2);	( 17.7, 3.5, 0.0, 1.2);
( 16.3, 2.1, 0.0, 1.2);	( 14.9, 0.7, 0.0, 1.2);
( 13.4, -0.7, 0.0, 1.2);	( 0.7, -13.4, 0.0, 1.2);
( -0.7, -14.9, 0.0, 1.2);	( -2.1, -16.3, 0.0, 1.2);
( -3.5, -17.7, 0.0, 1.2);	( -4.9, -19.1, 0.0, 1.2);
( -7.1, -21.2, 0.0, 1.2);	( -10.6, -24.8, 0.0, 1.2);
( -14.1, -28.3, 0.0, 1.2);	( -21.2, -35.4, 0.0, 1.2);
( -28.3, -42.4, 0.0, 1.2);	( -35.4, -49.5, 0.0, 1.2);
( -42.4, -56.6, 0.0, 1.2);	( -49.5, -63.6, 0.0, 1.2);
( -56.6, -70.7, 0.0, 1.2);	( -63.6, -77.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4, 0.0, 1.2);
( 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2, 0.0, 1.2);
( 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);
( 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5, 0.0, 1.2);
( 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4, 0.0, 1.2);
( 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5, 0.0, 1.2);
( 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3, 0.0, 1.2);
( 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8, 0.0, 1.2);
( -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7, 0.0, 1.2);
( -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8, 0.0, 1.2);
( 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3, 0.0, 1.2);
( 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1, 0.0, 1.2);
( 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6, 0.0, 1.2);
( 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4, 0.0, 1.2);
( 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6, 0.0, 1.2);
( 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4, 0.0, 1.2);
( 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2);	( 3.5, -38.9, 0.0, 1.2);
( 0.0, -42.4, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -14.1, -56.6, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -28.3, -70.7, 0.0, 1.2);	( -35.4, -77.8, 0.0, 1.2);
( -42.4, -84.8, 0.0, 1.2);	( -49.5, -91.9, 0.0, 1.2);
( 99.0, 42.4, 0.0, 1.2);	( 91.9, 35.4, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 21.2, 0.0, 1.2);
( 70.7, 14.1, 0.0, 1.2);	( 63.6, 7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, -7.1, 0.0, 1.2);
( 46.0, -10.6, 0.0, 1.2);	( 42.4, -14.1, 0.0, 1.2);
( 40.3, -16.3, 0.0, 1.2);	( 38.9, -17.7, 0.0, 1.2);
( 37.5, -19.1, 0.0, 1.2);	( 36.1, -20.5, 0.0, 1.2);
( 34.7, -21.9, 0.0, 1.2);	( 21.9, -34.7, 0.0, 1.2);
( 20.5, -36.1, 0.0, 1.2);	( 19.1, -37.5, 0.0, 1.2);
( 17.7, -38.9, 0.0, 1.2);	( 16.3, -40.3, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 10.6, -46.0, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -56.6, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -70.7, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -84.8, 0.0, 1.2);
( -35.4, -91.9, 0.0, 1.2);	( -42.4, -99.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 106.1, 35.4, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 21.2, 0.0, 1.2);	( 84.8, 14.1, 0.0, 1.2);
( 77.8, 7.1, 0.0, 1.2);	( 70.7, 0.0, 0.0, 1.2);
( 63.6, -7.1, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 53.0, -17.7, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 47.4, -23.3, 0.0, 1.2);	( 46.0, -24.8, 0.0, 1.2);
( 44.5, -26.2, 0.0, 1.2);	( 43.1, -27.6, 0.0, 1.2);
( 41.7, -29.0, 0.0, 1.2);	( 29.0, -41.7, 0.0, 1.2);
( 27.6, -43.1, 0.0, 1.2);	( 26.2, -44.5, 0.0, 1.2);
( 24.8, -46.0, 0.0, 1.2);	( 23.3, -47.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2);	( 17.7, -53.0, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 14.1,	-56.6,	0.0,	1.2);	( 7.1,	-63.6,	0.0,	1.2);
( 0.0,	-70.7,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-84.8,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);
( -28.3,	-99.0,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	21.2,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	-7.1,	0.0,	1.2);
( 70.7,	-14.1,	0.0,	1.2);	( 63.6,	-21.2,	0.0,	1.2);
( 60.1,	-24.8,	0.0,	1.2);	( 56.6,	-28.3,	0.0,	1.2);
( 54.5,	-30.4,	0.0,	1.2);	( 53.0,	-31.8,	0.0,	1.2);
( 51.6,	-33.2,	0.0,	1.2);	( 50.2,	-34.7,	0.0,	1.2);
( 48.8,	-36.1,	0.0,	1.2);	( 36.1,	-48.8,	0.0,	1.2);
( 34.7,	-50.2,	0.0,	1.2);	( 33.2,	-51.6,	0.0,	1.2);
( 31.8,	-53.0,	0.0,	1.2);	( 30.4,	-54.5,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 24.8,	-60.1,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-70.7,	0.0,	1.2);
( 7.1,	-77.8,	0.0,	1.2);	( 0.0,	-84.8,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-99.0,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-113.1,	0.0,	1.2);
( 120.2,	21.2,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	-7.1,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-21.2,	0.0,	1.2);	( 70.7,	-28.3,	0.0,	1.2);
( 67.2,	-31.8,	0.0,	1.2);	( 63.6,	-35.4,	0.0,	1.2);
( 61.5,	-37.5,	0.0,	1.2);	( 60.1,	-38.9,	0.0,	1.2);
( 58.7,	-40.3,	0.0,	1.2);	( 57.3,	-41.7,	0.0,	1.2);
( 55.9,	-43.1,	0.0,	1.2);	( 43.1,	-55.9,	0.0,	1.2);
( 41.7,	-57.3,	0.0,	1.2);	( 40.3,	-58.7,	0.0,	1.2);
( 38.9,	-60.1,	0.0,	1.2);	( 37.5,	-61.5,	0.0,	1.2);
( 35.4,	-63.6,	0.0,	1.2);	( 31.8,	-67.2,	0.0,	1.2);
( 28.3,	-70.7,	0.0,	1.2);	( 21.2,	-77.8,	0.0,	1.2);
( 14.1,	-84.8,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-99.0,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-113.1,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 127.3,	14.1,	0.0,	1.2);	( 120.2,	7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	-7.1,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-21.2,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 84.8,	-28.3,	0.0,	1.2);	( 77.8,	-35.4,	0.0,	1.2);
( 74.2,	-38.9,	0.0,	1.2);	( 70.7,	-42.4,	0.0,	1.2);
( 68.6,	-44.5,	0.0,	1.2);	( 67.2,	-46.0,	0.0,	1.2);
( 65.8,	-47.4,	0.0,	1.2);	( 64.3,	-48.8,	0.0,	1.2);
( 62.9,	-50.2,	0.0,	1.2);	( 50.2,	-62.9,	0.0,	1.2);
( 48.8,	-64.3,	0.0,	1.2);	( 47.4,	-65.8,	0.0,	1.2);
( 46.0,	-67.2,	0.0,	1.2);	( 44.5,	-68.6,	0.0,	1.2);
( 42.4,	-70.7,	0.0,	1.2);	( 38.9,	-74.2,	0.0,	1.2);
( 35.4,	-77.8,	0.0,	1.2);	( 28.3,	-84.8,	0.0,	1.2);
( 21.2,	-91.9,	0.0,	1.2);	( 14.1,	-99.0,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-113.1,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-127.3,	0.0,	1.2);
( 134.4,	7.1,	0.0,	1.2);	( 127.3,	0.0,	0.0,	1.2);
( 120.2,	-7.1,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-21.2,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-35.4,	0.0,	1.2);	( 84.8,	-42.4,	0.0,	1.2);
( 81.3,	-46.0,	0.0,	1.2);	( 77.8,	-49.5,	0.0,	1.2);
( 75.7,	-51.6,	0.0,	1.2);	( 74.2,	-53.0,	0.0,	1.2);
( 72.8,	-54.5,	0.0,	1.2);	( 71.4,	-55.9,	0.0,	1.2);
( 70.0,	-57.3,	0.0,	1.2);	( 57.3,	-70.0,	0.0,	1.2);
( 55.9,	-71.4,	0.0,	1.2);	( 54.5,	-72.8,	0.0,	1.2);
( 53.0,	-74.2,	0.0,	1.2);	( 51.6,	-75.7,	0.0,	1.2);
( 49.5,	-77.8,	0.0,	1.2);	( 46.0,	-81.3,	0.0,	1.2);
( 42.4,	-84.8,	0.0,	1.2);	( 35.4,	-91.9,	0.0,	1.2);
( 28.3,	-99.0,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-113.1,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-127.3,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( 141.4,	0.0,	0.0,	1.2);	( 134.4,	-7.1,	0.0,	1.2);
( 127.3,	-14.1,	0.0,	1.2);	( 120.2,	-21.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-35.4,	0.0,	1.2);
( 99.0,	-42.4,	0.0,	1.2);	( 91.9,	-49.5,	0.0,	1.2);
( 88.4,	-53.0,	0.0,	1.2);	( 84.8,	-56.6,	0.0,	1.2);
( 82.7,	-58.7,	0.0,	1.2);	( 81.3,	-60.1,	0.0,	1.2);
( 79.9,	-61.5,	0.0,	1.2);	( 78.5,	-62.9,	0.0,	1.2);
( 77.1,	-64.3,	0.0,	1.2);	( 64.3,	-77.1,	0.0,	1.2);
( 62.9,	-78.5,	0.0,	1.2);	( 61.5,	-79.9,	0.0,	1.2);
( 60.1,	-81.3,	0.0,	1.2);	( 58.7,	-82.7,	0.0,	1.2);
( 56.6,	-84.8,	0.0,	1.2);	( 53.0,	-88.4,	0.0,	1.2);
( 49.5,	-91.9,	0.0,	1.2);	( 42.4,	-99.0,	0.0,	1.2);
( 35.4,	-106.1,	0.0,	1.2);	( 28.3,	-113.1,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-127.3,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-141.4,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 148.5, -7.1, 0.0, 1.2);	( 141.4, -14.1, 0.0, 1.2);
( 134.4, -21.2, 0.0, 1.2);	( 127.3, -28.3, 0.0, 1.2);
( 120.2, -35.4, 0.0, 1.2);	( 113.1, -42.4, 0.0, 1.2);
( 106.1, -49.5, 0.0, 1.2);	( 99.0, -56.6, 0.0, 1.2);
( 95.5, -60.1, 0.0, 1.2);	( 91.9, -63.6, 0.0, 1.2);
( 89.8, -65.8, 0.0, 1.2);	( 88.4, -67.2, 0.0, 1.2);
( 87.0, -68.6, 0.0, 1.2);	( 85.6, -70.0, 0.0, 1.2);
( 84.2, -71.4, 0.0, 1.2);	( 71.4, -84.2, 0.0, 1.2);
( 70.0, -85.6, 0.0, 1.2);	( 68.6, -87.0, 0.0, 1.2);
( 67.2, -88.4, 0.0, 1.2);	( 65.8, -89.8, 0.0, 1.2);
( 63.6, -91.9, 0.0, 1.2);	( 60.1, -95.5, 0.0, 1.2);
( 56.6, -99.0, 0.0, 1.2);	( 49.5, -106.1, 0.0, 1.2);
( 42.4, -113.1, 0.0, 1.2);	( 35.4, -120.2, 0.0, 1.2);
( 28.3, -127.3, 0.0, 1.2);	( 21.2, -134.4, 0.0, 1.2);
( 14.1, -141.4, 0.0, 1.2);	( 7.1, -148.5, 0.0, 1.2);
( 155.6, -14.1, 0.0, 1.2);	( 148.5, -21.2, 0.0, 1.2);
( 141.4, -28.3, 0.0, 1.2);	( 134.4, -35.4, 0.0, 1.2);
( 127.3, -42.4, 0.0, 1.2);	( 120.2, -49.5, 0.0, 1.2);
( 113.1, -56.6, 0.0, 1.2);	( 106.1, -63.6, 0.0, 1.2);
( 102.5, -67.2, 0.0, 1.2);	( 99.0, -70.7, 0.0, 1.2);
( 96.9, -72.8, 0.0, 1.2);	( 95.5, -74.2, 0.0, 1.2);
( 94.1, -75.7, 0.0, 1.2);	( 92.6, -77.1, 0.0, 1.2);
( 91.2, -78.5, 0.0, 1.2);	( 78.5, -91.2, 0.0, 1.2);
( 77.1, -92.6, 0.0, 1.2);	( 75.7, -94.1, 0.0, 1.2);
( 74.2, -95.5, 0.0, 1.2);	( 72.8, -96.9, 0.0, 1.2);
( 70.7, -99.0, 0.0, 1.2);	( 67.2, -102.5, 0.0, 1.2);
( 63.6, -106.1, 0.0, 1.2);	( 56.6, -113.1, 0.0, 1.2);
( 49.5, -120.2, 0.0, 1.2);	( 42.4, -127.3, 0.0, 1.2);
( 35.4, -134.4, 0.0, 1.2);	( 28.3, -141.4, 0.0, 1.2);
( 21.2, -148.5, 0.0, 1.2);	( 14.1, -155.6, 0.0, 1.2);
( 162.6, -21.2, 0.0, 1.2);	( 155.6, -28.3, 0.0, 1.2);
( 148.5, -35.4, 0.0, 1.2);	( 141.4, -42.4, 0.0, 1.2);
( 134.4, -49.5, 0.0, 1.2);	( 127.3, -56.6, 0.0, 1.2);
( 120.2, -63.6, 0.0, 1.2);	( 113.1, -70.7, 0.0, 1.2);
( 109.6, -74.2, 0.0, 1.2);	( 106.1, -77.8, 0.0, 1.2);
( 103.9, -79.9, 0.0, 1.2);	( 102.5, -81.3, 0.0, 1.2);
( 101.1, -82.7, 0.0, 1.2);	( 99.7, -84.2, 0.0, 1.2);
( 98.3, -85.6, 0.0, 1.2);	( 85.6, -98.3, 0.0, 1.2);
( 84.2, -99.7, 0.0, 1.2);	( 82.7, -101.1, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 81.3,	-102.5,	0.0,	1.2);	( 79.9,	-103.9,	0.0,	1.2);
( 77.8,	-106.1,	0.0,	1.2);	( 74.2,	-109.6,	0.0,	1.2);
( 70.7,	-113.1,	0.0,	1.2);	( 63.6,	-120.2,	0.0,	1.2);
( 56.6,	-127.3,	0.0,	1.2);	( 49.5,	-134.4,	0.0,	1.2);
( 42.4,	-141.4,	0.0,	1.2);	( 35.4,	-148.5,	0.0,	1.2);
( 28.3,	-155.6,	0.0,	1.2);	( 21.2,	-162.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.7,	-56.6,	0.0,	1.2);	( 162.6,	-63.6,	0.0,	1.2);
( 155.6,	-70.7,	0.0,	1.2);	( 148.5,	-77.8,	0.0,	1.2);
( 141.4,	-84.8,	0.0,	1.2);	( 134.4,	-91.9,	0.0,	1.2);
( 130.8,	-95.5,	0.0,	1.2);	( 127.3,	-99.0,	0.0,	1.2);
( 125.2,	-101.1,	0.0,	1.2);	( 123.7,	-102.5,	0.0,	1.2);
( 122.3,	-103.9,	0.0,	1.2);	( 120.9,	-105.4,	0.0,	1.2);
( 119.5,	-106.8,	0.0,	1.2);	( 106.8,	-119.5,	0.0,	1.2);
( 105.4,	-120.9,	0.0,	1.2);	( 103.9,	-122.3,	0.0,	1.2);
( 102.5,	-123.7,	0.0,	1.2);	( 101.1,	-125.2,	0.0,	1.2);
( 99.0,	-127.3,	0.0,	1.2);	( 95.5,	-130.8,	0.0,	1.2);
( 91.9,	-134.4,	0.0,	1.2);	( 84.8,	-141.4,	0.0,	1.2);
( 77.8,	-148.5,	0.0,	1.2);	( 70.7,	-155.6,	0.0,	1.2);
( 63.6,	-162.6,	0.0,	1.2);	( 56.6,	-169.7,	0.0,	1.2);
( 49.5,	-176.8,	0.0,	1.2);	( 42.4,	-183.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 190.9,	-49.5,	0.0,	1.2);	( 183.9,	-56.6,	0.0,	1.2);
( 176.8,	-63.6,	0.0,	1.2);	( 169.7,	-70.7,	0.0,	1.2);
( 162.6,	-77.8,	0.0,	1.2);	( 155.6,	-84.8,	0.0,	1.2);
( 148.5,	-91.9,	0.0,	1.2);	( 141.4,	-99.0,	0.0,	1.2);
( 137.9,	-102.5,	0.0,	1.2);	( 134.4,	-106.1,	0.0,	1.2);
( 132.2,	-108.2,	0.0,	1.2);	( 130.8,	-109.6,	0.0,	1.2);
( 129.4,	-111.0,	0.0,	1.2);	( 128.0,	-112.4,	0.0,	1.2);
( 126.6,	-113.8,	0.0,	1.2);	( 113.8,	-126.6,	0.0,	1.2);
( 112.4,	-128.0,	0.0,	1.2);	( 111.0,	-129.4,	0.0,	1.2);
( 109.6,	-130.8,	0.0,	1.2);	( 108.2,	-132.2,	0.0,	1.2);
( 106.1,	-134.4,	0.0,	1.2);	( 102.5,	-137.9,	0.0,	1.2);
( 99.0,	-141.4,	0.0,	1.2);	( 91.9,	-148.5,	0.0,	1.2);
( 84.8,	-155.6,	0.0,	1.2);	( 77.8,	-162.6,	0.0,	1.2);
( 70.7,	-169.7,	0.0,	1.2);	( 63.6,	-176.8,	0.0,	1.2);
( 56.6,	-183.9,	0.0,	1.2);	( 49.5,	-190.9,	0.0,	1.2);
( 198.0,	-56.6,	0.0,	1.2);	( 190.9,	-63.6,	0.0,	1.2);
( 183.9,	-70.7,	0.0,	1.2);	( 176.8,	-77.8,	0.0,	1.2);
( 169.7,	-84.8,	0.0,	1.2);	( 162.6,	-91.9,	0.0,	1.2);
( 155.6,	-99.0,	0.0,	1.2);	( 148.5,	-106.1,	0.0,	1.2);
( 145.0,	-109.6,	0.0,	1.2);	( 141.4,	-113.1,	0.0,	1.2);
( 139.3,	-115.3,	0.0,	1.2);	( 137.9,	-116.7,	0.0,	1.2);
( 136.5,	-118.1,	0.0,	1.2);	( 135.1,	-119.5,	0.0,	1.2);
( 133.6,	-120.9,	0.0,	1.2);	( 120.9,	-133.6,	0.0,	1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 119.5, -135.1, 0.0, 1.2);	( 118.1, -136.5, 0.0, 1.2);
( 116.7, -137.9, 0.0, 1.2);	( 115.3, -139.3, 0.0, 1.2);
( 113.1, -141.4, 0.0, 1.2);	( 109.6, -145.0, 0.0, 1.2);
( 106.1, -148.5, 0.0, 1.2);	( 99.0, -155.6, 0.0, 1.2);
( 91.9, -162.6, 0.0, 1.2);	( 84.8, -169.7, 0.0, 1.2);
( 77.8, -176.8, 0.0, 1.2);	( 70.7, -183.9, 0.0, 1.2);
( 63.6, -190.9, 0.0, 1.2);	( 56.6, -198.0, 0.0, 1.2);
( 205.1, -63.6, 0.0, 1.2);	( 198.0, -70.7, 0.0, 1.2);
( 190.9, -77.8, 0.0, 1.2);	( 183.9, -84.8, 0.0, 1.2);
( 176.8, -91.9, 0.0, 1.2);	( 169.7, -99.0, 0.0, 1.2);
( 162.6, -106.1, 0.0, 1.2);	( 155.6, -113.1, 0.0, 1.2);
( 152.0, -116.7, 0.0, 1.2);	( 148.5, -120.2, 0.0, 1.2);
( 146.4, -122.3, 0.0, 1.2);	( 145.0, -123.7, 0.0, 1.2);
( 143.5, -125.2, 0.0, 1.2);	( 142.1, -126.6, 0.0, 1.2);
( 140.7, -128.0, 0.0, 1.2);	( 128.0, -140.7, 0.0, 1.2);
( 126.6, -142.1, 0.0, 1.2);	( 125.2, -143.5, 0.0, 1.2);
( 123.7, -145.0, 0.0, 1.2);	( 122.3, -146.4, 0.0, 1.2);
( 120.2, -148.5, 0.0, 1.2);	( 116.7, -152.0, 0.0, 1.2);
( 113.1, -155.6, 0.0, 1.2);	( 106.1, -162.6, 0.0, 1.2);
( 99.0, -169.7, 0.0, 1.2);	( 91.9, -176.8, 0.0, 1.2);
( 84.8, -183.9, 0.0, 1.2);	( 77.8, -190.9, 0.0, 1.2);
( 70.7, -198.0, 0.0, 1.2);	( 63.6, -205.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 212.1, -70.7, 0.0, 1.2);	( 205.1, -77.8, 0.0, 1.2);
( 198.0, -84.8, 0.0, 1.2);	( 190.9, -91.9, 0.0, 1.2);
( 183.9, -99.0, 0.0, 1.2);	( 176.8, -106.1, 0.0, 1.2);
( 169.7, -113.1, 0.0, 1.2);	( 162.6, -120.2, 0.0, 1.2);
( 159.1, -123.7, 0.0, 1.2);	( 155.6, -127.3, 0.0, 1.2);
( 153.4, -129.4, 0.0, 1.2);	( 152.0, -130.8, 0.0, 1.2);
( 150.6, -132.2, 0.0, 1.2);	( 149.2, -133.6, 0.0, 1.2);
( 147.8, -135.1, 0.0, 1.2);	( 135.1, -147.8, 0.0, 1.2);
( 133.6, -149.2, 0.0, 1.2);	( 132.2, -150.6, 0.0, 1.2);
( 130.8, -152.0, 0.0, 1.2);	( 129.4, -153.4, 0.0, 1.2);
( 127.3, -155.6, 0.0, 1.2);	( 123.7, -159.1, 0.0, 1.2);
( 120.2, -162.6, 0.0, 1.2);	( 113.1, -169.7, 0.0, 1.2);
( 106.1, -176.8, 0.0, 1.2);	( 99.0, -183.9, 0.0, 1.2);
( 91.9, -190.9, 0.0, 1.2);	( 84.8, -198.0, 0.0, 1.2);
( 77.8, -205.1, 0.0, 1.2);	( 70.7, -212.1, 0.0, 1.2);



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 219.2, -77.8, 0.0, 1.2);	( 212.1, -84.8, 0.0, 1.2);
( 205.1, -91.9, 0.0, 1.2);	( 198.0, -99.0, 0.0, 1.2);
( 190.9, -106.1, 0.0, 1.2);	( 183.9, -113.1, 0.0, 1.2);
( 176.8, -120.2, 0.0, 1.2);	( 169.7, -127.3, 0.0, 1.2);
( 166.2, -130.8, 0.0, 1.2);	( 162.6, -134.4, 0.0, 1.2);
( 160.5, -136.5, 0.0, 1.2);	( 159.1, -137.9, 0.0, 1.2);
( 157.7, -139.3, 0.0, 1.2);	( 156.3, -140.7, 0.0, 1.2);
( 154.9, -142.1, 0.0, 1.2);	( 142.1, -154.9, 0.0, 1.2);
( 140.7, -156.3, 0.0, 1.2);	( 139.3, -157.7, 0.0, 1.2);
( 137.9, -159.1, 0.0, 1.2);	( 136.5, -160.5, 0.0, 1.2);
( 134.4, -162.6, 0.0, 1.2);	( 130.8, -166.2, 0.0, 1.2);
( 127.3, -169.7, 0.0, 1.2);	( 120.2, -176.8, 0.0, 1.2);
( 113.1, -183.9, 0.0, 1.2);	( 106.1, -190.9, 0.0, 1.2);
( 99.0, -198.0, 0.0, 1.2);	( 91.9, -205.1, 0.0, 1.2);
( 84.8, -212.1, 0.0, 1.2);	( 77.8, -219.2, 0.0, 1.2);
( 226.3, -84.8, 0.0, 1.2);	( 219.2, -91.9, 0.0, 1.2);
( 212.1, -99.0, 0.0, 1.2);	( 205.1, -106.1, 0.0, 1.2);
( 198.0, -113.1, 0.0, 1.2);	( 190.9, -120.2, 0.0, 1.2);
( 183.9, -127.3, 0.0, 1.2);	( 176.8, -134.4, 0.0, 1.2);
( 173.2, -137.9, 0.0, 1.2);	( 169.7, -141.4, 0.0, 1.2);
( 167.6, -143.5, 0.0, 1.2);	( 166.2, -145.0, 0.0, 1.2);
( 164.8, -146.4, 0.0, 1.2);	( 163.3, -147.8, 0.0, 1.2);
( 161.9, -149.2, 0.0, 1.2);	( 149.2, -161.9, 0.0, 1.2);
( 147.8, -163.3, 0.0, 1.2);	( 146.4, -164.8, 0.0, 1.2);
( 145.0, -166.2, 0.0, 1.2);	( 143.5, -167.6, 0.0, 1.2);
( 141.4, -169.7, 0.0, 1.2);	( 137.9, -173.2, 0.0, 1.2);
( 134.4, -176.8, 0.0, 1.2);	( 127.3, -183.9, 0.0, 1.2);
( 120.2, -190.9, 0.0, 1.2);	( 113.1, -198.0, 0.0, 1.2);
( 106.1, -205.1, 0.0, 1.2);	( 99.0, -212.1, 0.0, 1.2);
( 91.9, -219.2, 0.0, 1.2);	( 84.8, -226.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 233.4, -91.9, 0.0, 1.2);	( 226.3, -99.0, 0.0, 1.2);
( 219.2, -106.1, 0.0, 1.2);	( 212.1, -113.1, 0.0, 1.2);
( 205.1, -120.2, 0.0, 1.2);	( 198.0, -127.3, 0.0, 1.2);
( 190.9, -134.4, 0.0, 1.2);	( 183.9, -141.4, 0.0, 1.2);
( 180.3, -145.0, 0.0, 1.2);	( 176.8, -148.5, 0.0, 1.2);
( 174.7, -150.6, 0.0, 1.2);	( 173.2, -152.0, 0.0, 1.2);
( 171.8, -153.4, 0.0, 1.2);	( 170.4, -154.9, 0.0, 1.2);

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.0,	-156.3,	0.0,	1.2);	( 156.3,	-169.0,	0.0,	1.2);
( 154.9,	-170.4,	0.0,	1.2);	( 153.4,	-171.8,	0.0,	1.2);
( 152.0,	-173.2,	0.0,	1.2);	( 150.6,	-174.7,	0.0,	1.2);
( 148.5,	-176.8,	0.0,	1.2);	( 145.0,	-180.3,	0.0,	1.2);
( 141.4,	-183.9,	0.0,	1.2);	( 134.4,	-190.9,	0.0,	1.2);
( 127.3,	-198.0,	0.0,	1.2);	( 120.2,	-205.1,	0.0,	1.2);
( 113.1,	-212.1,	0.0,	1.2);	( 106.1,	-219.2,	0.0,	1.2);
( 99.0,	-226.3,	0.0,	1.2);	( 91.9,	-233.4,	0.0,	1.2);
( 240.4,	-99.0,	0.0,	1.2);	( 233.4,	-106.1,	0.0,	1.2);
( 226.3,	-113.1,	0.0,	1.2);	( 219.2,	-120.2,	0.0,	1.2);
( 212.1,	-127.3,	0.0,	1.2);	( 205.1,	-134.4,	0.0,	1.2);
( 198.0,	-141.4,	0.0,	1.2);	( 190.9,	-148.5,	0.0,	1.2);
( 187.4,	-152.0,	0.0,	1.2);	( 183.9,	-155.6,	0.0,	1.2);
( 181.7,	-157.7,	0.0,	1.2);	( 180.3,	-159.1,	0.0,	1.2);
( 178.9,	-160.5,	0.0,	1.2);	( 177.5,	-161.9,	0.0,	1.2);
( 176.1,	-163.3,	0.0,	1.2);	( 163.3,	-176.1,	0.0,	1.2);
( 161.9,	-177.5,	0.0,	1.2);	( 160.5,	-178.9,	0.0,	1.2);
( 159.1,	-180.3,	0.0,	1.2);	( 157.7,	-181.7,	0.0,	1.2);
( 155.6,	-183.9,	0.0,	1.2);	( 152.0,	-187.4,	0.0,	1.2);
( 148.5,	-190.9,	0.0,	1.2);	( 141.4,	-198.0,	0.0,	1.2);
( 134.4,	-205.1,	0.0,	1.2);	( 127.3,	-212.1,	0.0,	1.2);
( 120.2,	-219.2,	0.0,	1.2);	( 113.1,	-226.3,	0.0,	1.2);
( 106.1,	-233.4,	0.0,	1.2);	( 99.0,	-240.4,	0.0,	1.2);
( 247.5,	-106.1,	0.0,	1.2);	( 240.4,	-113.1,	0.0,	1.2);
( 233.4,	-120.2,	0.0,	1.2);	( 226.3,	-127.3,	0.0,	1.2);
( 219.2,	-134.4,	0.0,	1.2);	( 212.1,	-141.4,	0.0,	1.2);
( 205.1,	-148.5,	0.0,	1.2);	( 198.0,	-155.6,	0.0,	1.2);
( 194.4,	-159.1,	0.0,	1.2);	( 190.9,	-162.6,	0.0,	1.2);
( 188.8,	-164.8,	0.0,	1.2);	( 187.4,	-166.2,	0.0,	1.2);
( 186.0,	-167.6,	0.0,	1.2);	( 184.6,	-169.0,	0.0,	1.2);
( 183.1,	-170.4,	0.0,	1.2);	( 170.4,	-183.1,	0.0,	1.2);
( 169.0,	-184.6,	0.0,	1.2);	( 167.6,	-186.0,	0.0,	1.2);
( 166.2,	-187.4,	0.0,	1.2);	( 164.8,	-188.8,	0.0,	1.2);
( 162.6,	-190.9,	0.0,	1.2);	( 159.1,	-194.4,	0.0,	1.2);
( 155.6,	-198.0,	0.0,	1.2);	( 148.5,	-205.1,	0.0,	1.2);
( 141.4,	-212.1,	0.0,	1.2);	( 134.4,	-219.2,	0.0,	1.2);
( 127.3,	-226.3,	0.0,	1.2);	( 120.2,	-233.4,	0.0,	1.2);
( 113.1,	-240.4,	0.0,	1.2);	( 106.1,	-247.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00003	-113.14	240.42	0.00003
-120.21	233.35	0.00003	-127.28	226.27	0.00004
-134.35	219.20	0.00004	-141.42	212.13	0.00004
-148.49	205.06	0.00004	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00006	-188.80	164.76	0.00006
-190.92	162.63	0.00006	-194.45	159.10	0.00006
-197.99	155.56	0.00006	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00003	-106.07	233.35	0.00003
-113.14	226.27	0.00004	-120.21	219.20	0.00004



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006
-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	99.00	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00003	-84.85	212.13	0.00004
-91.92	205.06	0.00004	-98.99	197.99	0.00004
-106.07	190.92	0.00004	-113.14	183.85	0.00005
-120.21	176.78	0.00005	-127.28	169.71	0.00005
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00007
-156.27	140.71	0.00007	-157.68	139.30	0.00007
-159.10	137.89	0.00007	-160.51	136.47	0.00007
-162.63	134.35	0.00007	-166.17	130.81	0.00007
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-197.99	99.00	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00006
-70.71	212.13	0.00003	-77.78	205.06	0.00004
-84.85	197.99	0.00004	-91.92	190.92	0.00004
-98.99	183.85	0.00005	-106.07	176.78	0.00005
-113.14	169.71	0.00005	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00007
-149.20	133.64	0.00007	-150.61	132.23	0.00007
-152.03	130.81	0.00007	-153.44	129.40	0.00007

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00007	-159.10	123.74	0.00007
-162.63	120.21	0.00007	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007
-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00003	-70.71	197.99	0.00004
-77.78	190.92	0.00004	-84.85	183.85	0.00004
-91.92	176.78	0.00005	-98.99	169.71	0.00005
-106.07	162.63	0.00006	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00006	-123.74	144.96	0.00007
-125.16	143.54	0.00007	-126.57	142.13	0.00007
-127.99	140.71	0.00007	-140.71	127.99	0.00007
-142.13	126.57	0.00007	-143.54	125.16	0.00007
-144.96	123.74	0.00007	-146.37	122.33	0.00007
-148.49	120.21	0.00007	-152.03	116.67	0.00007
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00008	-176.78	91.92	0.00008
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00004	-63.64	190.92	0.00004
-70.71	183.85	0.00004	-77.78	176.78	0.00005
-84.85	169.71	0.00005	-91.92	162.63	0.00005
-98.99	155.56	0.00006	-106.07	148.49	0.00006
-109.60	144.96	0.00006	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00008
-135.06	119.50	0.00008	-136.47	118.09	0.00008
-137.89	116.67	0.00008	-139.30	115.26	0.00008
-141.42	113.14	0.00008	-144.96	109.60	0.00008
-148.49	106.07	0.00008	-155.56	98.99	0.00008
-162.63	91.92	0.00008	-169.71	84.85	0.00008
-176.78	77.78	0.00008	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00004	-56.57	183.85	0.00004
-63.64	176.78	0.00004	-70.71	169.71	0.00005
-77.78	162.63	0.00005	-84.85	155.56	0.00006
-91.92	148.49	0.00006	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00008
-127.99	112.43	0.00008	-129.40	111.02	0.00008
-130.81	109.60	0.00008	-132.23	108.19	0.00008
-134.35	106.07	0.00008	-137.89	102.53	0.00008
-141.42	98.99	0.00008	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00008	-190.92	49.50	0.00008
-42.43	183.85	0.00004	-49.50	176.78	0.00004
-56.57	169.71	0.00005	-63.64	162.63	0.00005
-70.71	155.56	0.00005	-77.78	148.49	0.00006
-84.85	141.42	0.00006	-91.92	134.35	0.00007
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00008	-102.53	123.74	0.00008
-103.94	122.33	0.00008	-105.36	120.92	0.00008
-106.77	119.50	0.00008	-119.50	106.77	0.00008
-120.92	105.36	0.00009	-122.33	103.94	0.00009
-123.74	102.53	0.00009	-125.16	101.12	0.00009
-127.28	98.99	0.00009	-130.81	95.46	0.00009
-134.35	91.92	0.00009	-141.42	84.85	0.00009
-148.49	77.78	0.00009	-155.56	70.71	0.00009
-162.63	63.64	0.00009	-169.71	56.57	0.00009
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00004	-42.43	169.71	0.00004
-49.50	162.63	0.00005	-56.57	155.56	0.00005
-63.64	148.49	0.00006	-70.71	141.42	0.00006
-77.78	134.35	0.00007	-84.85	127.28	0.00007
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00009
-113.84	98.29	0.00009	-115.26	96.87	0.00009
-116.67	95.46	0.00009	-118.09	94.05	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTS:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00009	-123.74	88.39	0.00009
-127.28	84.85	0.00009	-134.35	77.78	0.00009
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00009
-169.71	42.43	0.00009	-176.78	35.36	0.00008
-28.28	169.71	0.00004	-35.36	162.63	0.00004
-42.43	155.56	0.00005	-49.50	148.49	0.00005
-56.57	141.42	0.00006	-63.64	134.35	0.00006
-70.71	127.28	0.00007	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00009	-91.22	106.77	0.00009
-92.63	105.36	0.00009	-105.36	92.63	0.00010
-106.77	91.22	0.00010	-108.19	89.80	0.00010
-109.60	88.39	0.00010	-111.02	86.97	0.00010
-113.14	84.85	0.00010	-116.67	81.32	0.00010
-120.21	77.78	0.00010	-127.28	70.71	0.00010
-134.35	63.64	0.00010	-141.42	56.57	0.00010
-148.49	49.50	0.00010	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00004	-28.28	155.56	0.00005
-35.36	148.49	0.00005	-42.43	141.42	0.00006
-49.50	134.35	0.00006	-56.57	127.28	0.00007
-63.64	120.21	0.00007	-70.71	113.14	0.00008
-74.25	109.60	0.00008	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00010
-99.70	84.15	0.00010	-101.12	82.73	0.00010
-102.53	81.32	0.00010	-103.94	79.90	0.00010
-106.07	77.78	0.00010	-109.60	74.25	0.00011
-113.14	70.71	0.00011	-120.21	63.64	0.00011
-127.28	56.57	0.00011	-134.35	49.50	0.00010
-141.42	42.43	0.00010	-148.49	35.36	0.00010
-155.56	28.28	0.00010	-162.63	21.21	0.00009
-14.14	155.56	0.00004	-21.21	148.49	0.00005
-28.28	141.42	0.00005	-35.36	134.35	0.00006

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00006	-49.50	120.21	0.00007
-56.57	113.14	0.00008	-63.64	106.07	0.00009
-67.18	102.53	0.00009	-70.71	98.99	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00009	-74.25	95.46	0.00010
-75.66	94.05	0.00010	-77.07	92.63	0.00010
-78.49	91.22	0.00010	-91.22	78.49	0.00011
-92.63	77.07	0.00011	-94.05	75.66	0.00011
-95.46	74.25	0.00011	-96.87	72.83	0.00011
-98.99	70.71	0.00011	-102.53	67.18	0.00011
-106.07	63.64	0.00011	-113.14	56.57	0.00011
-120.21	49.50	0.00011	-127.28	42.43	0.00011
-134.35	35.36	0.00011	-141.42	28.28	0.00010
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00004	-14.14	141.42	0.00005
-21.21	134.35	0.00005	-28.28	127.28	0.00006
-35.36	120.21	0.00007	-42.43	113.14	0.00007
-49.50	106.07	0.00008	-56.57	98.99	0.00009
-60.10	95.46	0.00009	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00011	-84.15	71.42	0.00011
-85.56	70.00	0.00012	-86.97	68.59	0.00012
-88.39	67.18	0.00012	-89.80	65.76	0.00012
-91.92	63.64	0.00012	-95.46	60.10	0.00012
-98.99	56.57	0.00012	-106.07	49.50	0.00012
-113.14	42.43	0.00012	-120.21	35.36	0.00012
-127.28	28.28	0.00011	-134.35	21.21	0.00011
-141.42	14.14	0.00011	-148.49	7.07	0.00010
0.00	141.42	0.00005	-7.07	134.35	0.00005
-14.14	127.28	0.00006	-21.21	120.21	0.00006
-28.28	113.14	0.00007	-35.36	106.07	0.00008
-42.43	98.99	0.00009	-49.50	91.92	0.00010
-53.03	88.39	0.00010	-56.57	84.85	0.00010
-58.69	82.73	0.00011	-60.10	81.32	0.00011

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00012
-78.49	62.93	0.00012	-79.90	61.52	0.00012
-81.32	60.10	0.00013	-82.73	58.69	0.00013
-84.85	56.57	0.00013	-88.39	53.03	0.00013
-91.92	49.50	0.00013	-98.99	42.43	0.00013
-106.07	35.36	0.00013	-113.14	28.28	0.00012
-120.21	21.21	0.00012	-127.28	14.14	0.00012
-134.35	7.07	0.00011	-141.42	0.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00005	0.00	127.28	0.00005
-7.07	120.21	0.00006	-14.14	113.14	0.00007
-21.21	106.07	0.00007	-28.28	98.99	0.00008
-35.36	91.92	0.00009	-42.43	84.85	0.00010
-45.96	81.32	0.00011	-49.50	77.78	0.00011
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00012	-55.86	71.42	0.00012
-57.28	70.00	0.00012	-70.00	57.28	0.00013
-71.42	55.86	0.00013	-72.83	54.45	0.00013
-74.25	53.03	0.00013	-75.66	51.62	0.00014
-77.78	49.50	0.00014	-81.32	45.96	0.00014
-84.85	42.43	0.00014	-91.92	35.36	0.00014
-98.99	28.28	0.00014	-106.07	21.21	0.00013
-113.14	14.14	0.00013	-120.21	7.07	0.00012
-127.28	0.00	0.00012	-134.35	-7.07	0.00011
14.14	127.28	0.00005	7.07	120.21	0.00005
0.00	113.14	0.00006	-7.07	106.07	0.00007
-14.14	98.99	0.00008	-21.21	91.92	0.00009
-28.28	84.85	0.00010	-35.36	77.78	0.00011
-38.89	74.25	0.00011	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00013
-50.20	62.93	0.00013	-62.93	50.20	0.00014
-64.35	48.79	0.00014	-65.76	47.38	0.00014
-67.18	45.96	0.00014	-68.59	44.55	0.00015

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00015	-74.25	38.89	0.00015
-77.78	35.36	0.00015	-84.85	28.28	0.00015
-91.92	21.21	0.00014	-98.99	14.14	0.00014
-106.07	7.07	0.00014	-113.14	0.00	0.00013
-120.21	-7.07	0.00012	-127.28	-14.14	0.00012
21.21	120.21	0.00005	14.14	113.14	0.00006
7.07	106.07	0.00006	0.00	98.99	0.00007
-7.07	91.92	0.00008	-14.14	84.85	0.00009
-21.21	77.78	0.00010	-28.28	70.71	0.00011
-31.82	67.18	0.00012	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00013	-41.72	57.28	0.00014
-43.13	55.86	0.00014	-55.86	43.13	0.00015
-57.28	41.72	0.00015	-58.69	40.31	0.00016
-60.10	38.89	0.00016	-61.52	37.48	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00016	-67.18	31.82	0.00016
-70.71	28.28	0.00016	-77.78	21.21	0.00016
-84.85	14.14	0.00016	-91.92	7.07	0.00015
-98.99	0.00	0.00015	-106.07	-7.07	0.00014
-113.14	-14.14	0.00013	-120.21	-21.21	0.00012
28.28	113.14	0.00005	21.21	106.07	0.00006
14.14	98.99	0.00007	7.07	91.92	0.00007
0.00	84.85	0.00008	-7.07	77.78	0.00010
-14.14	70.71	0.00011	-21.21	63.64	0.00012
-24.75	60.10	0.00013	-28.28	56.57	0.00014
-30.41	54.45	0.00014	-31.82	53.03	0.00014
-33.23	51.62	0.00014	-34.65	50.20	0.00015
-36.06	48.79	0.00015	-48.79	36.06	0.00017
-50.20	34.65	0.00017	-51.62	33.23	0.00017
-53.03	31.82	0.00017	-54.45	30.41	0.00017
-56.57	28.28	0.00017	-60.10	24.75	0.00017
-63.64	21.21	0.00017	-70.71	14.14	0.00017
-77.78	7.07	0.00017	-84.85	0.00	0.00016
-91.92	-7.07	0.00015	-98.99	-14.14	0.00015

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00014	-113.14	-28.28	0.00013
35.36	106.07	0.00005	28.28	98.99	0.00006
21.21	91.92	0.00007	14.14	84.85	0.00008
7.07	77.78	0.00009	0.00	70.71	0.00010
-7.07	63.64	0.00012	-14.14	56.57	0.00013
-17.68	53.03	0.00014	-21.21	49.50	0.00015
-23.33	47.38	0.00015	-24.75	45.96	0.00015
-26.16	44.55	0.00016	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00018
-43.13	27.58	0.00018	-44.55	26.16	0.00018
-45.96	24.75	0.00018	-47.38	23.33	0.00018
-49.50	21.21	0.00019	-53.03	17.68	0.00019
-56.57	14.14	0.00019	-63.64	7.07	0.00018
-70.71	0.00	0.00018	-77.78	-7.07	0.00017
-84.85	-14.14	0.00017	-91.92	-21.21	0.00016
-98.99	-28.28	0.00015	-106.07	-35.36	0.00014
42.43	98.99	0.00006	35.36	91.92	0.00006
28.28	84.85	0.00007	21.21	77.78	0.00008
14.14	70.71	0.00009	7.07	63.64	0.00011
0.00	56.57	0.00012	-7.07	49.50	0.00014
-10.61	45.96	0.00015	-14.14	42.43	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00016	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00017
-21.92	34.65	0.00017	-34.65	21.92	0.00020
-36.06	20.51	0.00020	-37.48	19.09	0.00020
-38.89	17.68	0.00020	-40.31	16.26	0.00020
-42.43	14.14	0.00020	-45.96	10.61	0.00020
-49.50	7.07	0.00020	-56.57	0.00	0.00020
-63.64	-7.07	0.00019	-70.71	-14.14	0.00019
-77.78	-21.21	0.00018	-84.85	-28.28	0.00017
-91.92	-35.36	0.00016	-98.99	-42.43	0.00015
49.50	91.92	0.00006	42.43	84.85	0.00007
35.36	77.78	0.00007	28.28	70.71	0.00008
21.21	63.64	0.00010	14.14	56.57	0.00011

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00013	0.00	42.43	0.00015
-3.54	38.89	0.00016	-7.07	35.36	0.00017
-9.19	33.23	0.00018	-10.61	31.82	0.00018
-12.02	30.41	0.00018	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00022
-28.99	13.44	0.00022	-30.41	12.02	0.00022
-31.82	10.61	0.00022	-33.23	9.19	0.00022
-35.36	7.07	0.00022	-38.89	3.54	0.00022
-42.43	0.00	0.00022	-49.50	-7.07	0.00022
-56.57	-14.14	0.00021	-63.64	-21.21	0.00020
-70.71	-28.28	0.00019	-77.78	-35.36	0.00018
-84.85	-42.43	0.00016	-91.92	-49.50	0.00015
56.57	84.85	0.00006	49.50	77.78	0.00007
42.43	70.71	0.00008	35.36	63.64	0.00009
28.28	56.57	0.00010	21.21	49.50	0.00012
14.14	42.43	0.00014	7.07	35.36	0.00016
3.54	31.82	0.00017	0.00	28.28	0.00018
-2.12	26.16	0.00019	-3.54	24.75	0.00020
-4.95	23.33	0.00020	-6.36	21.92	0.00020
-7.78	20.51	0.00021	-20.51	7.78	0.00024
-21.92	6.36	0.00024	-23.33	4.95	0.00024
-24.75	3.54	0.00024	-26.16	2.12	0.00024
-28.28	0.00	0.00024	-31.82	-3.54	0.00024
-35.36	-7.07	0.00024	-42.43	-14.14	0.00024
-49.50	-21.21	0.00023	-56.57	-28.28	0.00022
-63.64	-35.36	0.00020	-70.71	-42.43	0.00019
-77.78	-49.50	0.00017	-84.85	-56.57	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 32

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00006	56.57	70.71	0.00007
49.50	63.64	0.00008	42.43	56.57	0.00009
35.36	49.50	0.00011	28.28	42.43	0.00013
21.21	35.36	0.00015	14.14	28.28	0.00017
10.61	24.75	0.00019	7.07	21.21	0.00020
4.95	19.09	0.00021	3.54	17.68	0.00021
2.12	16.26	0.00022	0.71	14.85	0.00022

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00023	-13.44	0.71	0.00026
-14.85	-0.71	0.00026	-16.26	-2.12	0.00027
-17.68	-3.54	0.00027	-19.09	-4.95	0.00027
-21.21	-7.07	0.00027	-24.75	-10.61	0.00027
-28.28	-14.14	0.00027	-35.36	-21.21	0.00026
-42.43	-28.28	0.00025	-49.50	-35.36	0.00023
-56.57	-42.43	0.00022	-63.64	-49.50	0.00020
-70.71	-56.57	0.00018	-77.78	-63.64	0.00017
70.71	70.71	0.00007	63.64	63.64	0.00007
56.57	56.57	0.00008	49.50	49.50	0.00010
42.43	42.43	0.00011	35.36	35.36	0.00013
28.28	28.28	0.00016	21.21	21.21	0.00019
17.68	17.68	0.00020	14.14	14.14	0.00022
12.02	12.02	0.00023	10.61	10.61	0.00023
9.19	9.19	0.00024	7.78	7.78	0.00025
6.36	6.36	0.00025	-6.36	-6.36	0.00029
-7.78	-7.78	0.00029	-9.19	-9.19	0.00030
-10.61	-10.61	0.00030	-12.02	-12.02	0.00030
-14.14	-14.14	0.00030	-17.68	-17.68	0.00030
-21.21	-21.21	0.00029	-28.28	-28.28	0.00028
-35.36	-35.36	0.00027	-42.43	-42.43	0.00025
-49.50	-49.50	0.00023	-56.57	-56.57	0.00021
-63.64	-63.64	0.00020	-70.71	-70.71	0.00018
77.78	63.64	0.00007	70.71	56.57	0.00008
63.64	49.50	0.00009	56.57	42.43	0.00010
49.50	35.36	0.00012	42.43	28.28	0.00014
35.36	21.21	0.00017	28.28	14.14	0.00020
24.75	10.61	0.00022	21.21	7.07	0.00024
19.09	4.95	0.00025	17.68	3.54	0.00026
16.26	2.12	0.00027	14.85	0.71	0.00027
13.44	-0.71	0.00028	0.71	-13.44	0.00033
-0.71	-14.85	0.00033	-2.12	-16.26	0.00033
-3.54	-17.68	0.00033	-4.95	-19.09	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00033	-10.61	-24.75	0.00033

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00033	-21.21	-35.36	0.00031
-28.28	-42.43	0.00029	-35.36	-49.50	0.00027
-42.43	-56.57	0.00025	-49.50	-63.64	0.00023
-56.57	-70.71	0.00021	-63.64	-77.78	0.00019
84.85	56.57	0.00007	77.78	49.50	0.00008
70.71	42.43	0.00009	63.64	35.36	0.00011
56.57	28.28	0.00013	49.50	21.21	0.00015
42.43	14.14	0.00018	35.36	7.07	0.00022
31.82	3.54	0.00024	28.28	0.00	0.00027
26.16	-2.12	0.00028	24.75	-3.54	0.00029
23.33	-4.95	0.00030	21.92	-6.36	0.00030
20.51	-7.78	0.00031	7.78	-20.51	0.00037
6.36	-21.92	0.00037	4.95	-23.33	0.00037
3.54	-24.75	0.00037	2.12	-26.16	0.00037
0.00	-28.28	0.00037	-3.54	-31.82	0.00037
-7.07	-35.36	0.00036	-14.14	-42.43	0.00035
-21.21	-49.50	0.00032	-28.28	-56.57	0.00030
-35.36	-63.64	0.00027	-42.43	-70.71	0.00024
-49.50	-77.78	0.00022	-56.57	-84.85	0.00020
91.92	49.50	0.00007	84.85	42.43	0.00008
77.78	35.36	0.00010	70.71	28.28	0.00011
63.64	21.21	0.00013	56.57	14.14	0.00016
49.50	7.07	0.00020	42.43	0.00	0.00024
38.89	-3.54	0.00027	35.36	-7.07	0.00029
33.23	-9.19	0.00031	31.82	-10.61	0.00032
30.41	-12.02	0.00033	28.99	-13.44	0.00034
27.58	-14.85	0.00035	14.85	-27.58	0.00042
13.44	-28.99	0.00042	12.02	-30.41	0.00042
10.61	-31.82	0.00042	9.19	-33.23	0.00042
7.07	-35.36	0.00042	3.54	-38.89	0.00042
0.00	-42.43	0.00041	-7.07	-49.50	0.00038
-14.14	-56.57	0.00035	-21.21	-63.64	0.00032
-28.28	-70.71	0.00029	-35.36	-77.78	0.00026
-42.43	-84.85	0.00024	-49.50	-91.92	0.00022
98.99	42.43	0.00008	91.92	35.36	0.00009
84.85	28.28	0.00010	77.78	21.21	0.00012
70.71	14.14	0.00014	63.64	7.07	0.00017
56.57	0.00	0.00021	49.50	-7.07	0.00026
45.96	-10.61	0.00029	42.43	-14.14	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00035	38.89	-17.68	0.00036
37.48	-19.09	0.00037	36.06	-20.51	0.00038
34.65	-21.92	0.00040	21.92	-34.65	0.00048
20.51	-36.06	0.00048	19.09	-37.48	0.00048
17.68	-38.89	0.00048	16.26	-40.31	0.00048
14.14	-42.43	0.00048	10.61	-45.96	0.00047
7.07	-49.50	0.00046	0.00	-56.57	0.00043
-7.07	-63.64	0.00039	-14.14	-70.71	0.00035
-21.21	-77.78	0.00031	-28.28	-84.85	0.00028
-35.36	-91.92	0.00026	-42.43	-98.99	0.00023
106.07	35.36	0.00008	98.99	28.28	0.00009
91.92	21.21	0.00011	84.85	14.14	0.00013
77.78	7.07	0.00015	70.71	0.00	0.00018
63.64	-7.07	0.00023	56.57	-14.14	0.00029
53.03	-17.68	0.00032	49.50	-21.21	0.00036
47.38	-23.33	0.00039	45.96	-24.75	0.00040
44.55	-26.16	0.00042	43.13	-27.58	0.00044
41.72	-28.99	0.00045	28.99	-41.72	0.00055
27.58	-43.13	0.00055	26.16	-44.55	0.00056
24.75	-45.96	0.00056	23.33	-47.38	0.00055
21.21	-49.50	0.00055	17.68	-53.03	0.00054
14.14	-56.57	0.00052	7.07	-63.64	0.00047
0.00	-70.71	0.00042	-7.07	-77.78	0.00038
-14.14	-84.85	0.00034	-21.21	-91.92	0.00030
-28.28	-98.99	0.00028	-35.36	-106.07	0.00025
113.14	28.28	0.00008	106.07	21.21	0.00009
98.99	14.14	0.00011	91.92	7.07	0.00013
84.85	0.00	0.00016	77.78	-7.07	0.00020
70.71	-14.14	0.00024	63.64	-21.21	0.00031
60.10	-24.75	0.00036	56.57	-28.28	0.00041
54.45	-30.41	0.00044	53.03	-31.82	0.00046
51.62	-33.23	0.00048	50.20	-34.65	0.00050
48.79	-36.06	0.00052	36.06	-48.79	0.00064
34.65	-50.20	0.00065	33.23	-51.62	0.00065
31.82	-53.03	0.00065	30.41	-54.45	0.00064
28.28	-56.57	0.00063	24.75	-60.10	0.00061
21.21	-63.64	0.00059	14.14	-70.71	0.00053
7.07	-77.78	0.00047	0.00	-84.85	0.00041
-7.07	-91.92	0.00037	-14.14	-98.99	0.00033

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00030 -28.28 -113.14 0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00009	113.14	14.14	0.00010
106.07	7.07	0.00012	98.99	0.00	0.00014
91.92	-7.07	0.00017	84.85	-14.14	0.00021
77.78	-21.21	0.00026	70.71	-28.28	0.00034
67.18	-31.82	0.00039	63.64	-35.36	0.00045
61.52	-37.48	0.00049	60.10	-38.89	0.00052
58.69	-40.31	0.00055	57.28	-41.72	0.00058
55.86	-43.13	0.00060	43.13	-55.86	0.00076
41.72	-57.28	0.00076	40.31	-58.69	0.00076
38.89	-60.10	0.00076	37.48	-61.52	0.00075
35.36	-63.64	0.00074	31.82	-67.18	0.00071
28.28	-70.71	0.00067	21.21	-77.78	0.00059
14.14	-84.85	0.00051	7.07	-91.92	0.00045
0.00	-98.99	0.00040	-7.07	-106.07	0.00035
-14.14	-113.14	0.00032	-21.21	-120.21	0.00028
127.28	14.14	0.00009	120.21	7.07	0.00011
113.14	0.00	0.00012	106.07	-7.07	0.00015
98.99	-14.14	0.00018	91.92	-21.21	0.00022
84.85	-28.28	0.00028	77.78	-35.36	0.00038
74.25	-38.89	0.00044	70.71	-42.43	0.00051
68.59	-44.55	0.00056	67.18	-45.96	0.00060
65.76	-47.38	0.00063	64.35	-48.79	0.00067
62.93	-50.20	0.00071	50.20	-62.93	0.00091
48.79	-64.35	0.00091	47.38	-65.76	0.00090
45.96	-67.18	0.00090	44.55	-68.59	0.00088
42.43	-70.71	0.00086	38.89	-74.25	0.00081
35.36	-77.78	0.00076	28.28	-84.85	0.00065
21.21	-91.92	0.00056	14.14	-98.99	0.00049
7.07	-106.07	0.00043	0.00	-113.14	0.00038
-7.07	-120.21	0.00033	-14.14	-127.28	0.00029
134.35	7.07	0.00010	127.28	0.00	0.00011
120.21	-7.07	0.00013	113.14	-14.14	0.00016
106.07	-21.21	0.00019	98.99	-28.28	0.00023

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00031	84.85	-42.43	0.00041
81.32	-45.96	0.00048	77.78	-49.50	0.00057
75.66	-51.62	0.00064	74.25	-53.03	0.00068
72.83	-54.45	0.00073	71.42	-55.86	0.00078
70.00	-57.28	0.00083	57.28	-70.00	0.00110
55.86	-71.42	0.00110	54.45	-72.83	0.00109
53.03	-74.25	0.00107	51.62	-75.66	0.00105

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00101	45.96	-81.32	0.00094
42.43	-84.85	0.00086	35.36	-91.92	0.00073
28.28	-98.99	0.00062	21.21	-106.07	0.00054
14.14	-113.14	0.00046	7.07	-120.21	0.00040
0.00	-127.28	0.00035	-7.07	-134.35	0.00031
141.42	0.00	0.00011	134.35	-7.07	0.00012
127.28	-14.14	0.00014	120.21	-21.21	0.00017
113.14	-28.28	0.00020	106.07	-35.36	0.00025
98.99	-42.43	0.00033	91.92	-49.50	0.00045
88.39	-53.03	0.00053	84.85	-56.57	0.00064
82.73	-58.69	0.00072	81.32	-60.10	0.00078
79.90	-61.52	0.00085	78.49	-62.93	0.00092
77.07	-64.35	0.00099	64.35	-77.07	0.00135
62.93	-78.49	0.00134	61.52	-79.90	0.00131
60.10	-81.32	0.00127	58.69	-82.73	0.00124
56.57	-84.85	0.00117	53.03	-88.39	0.00107
49.50	-91.92	0.00097	42.43	-98.99	0.00081
35.36	-106.07	0.00068	28.28	-113.14	0.00058
21.21	-120.21	0.00049	14.14	-127.28	0.00042
7.07	-134.35	0.00036	0.00	-141.42	0.00032
148.49	-7.07	0.00011	141.42	-14.14	0.00013
134.35	-21.21	0.00015	127.28	-28.28	0.00018
120.21	-35.36	0.00022	113.14	-42.43	0.00027
106.07	-49.50	0.00035	98.99	-56.57	0.00048
95.46	-60.10	0.00058	91.92	-63.64	0.00072
89.80	-65.76	0.00082	88.39	-67.18	0.00089
86.97	-68.59	0.00098	85.56	-70.00	0.00107

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00118	71.42	-84.15	0.00167
70.00	-85.56	0.00162	68.59	-86.97	0.00157
67.18	-88.39	0.00151	65.76	-89.80	0.00145
63.64	-91.92	0.00135	60.10	-95.46	0.00121
56.57	-98.99	0.00109	49.50	-106.07	0.00089
42.43	-113.14	0.00073	35.36	-120.21	0.00061
28.28	-127.28	0.00051	21.21	-134.35	0.00044
14.14	-141.42	0.00038	7.07	-148.49	0.00033
155.56	-14.14	0.00012	148.49	-21.21	0.00014
141.42	-28.28	0.00016	134.35	-35.36	0.00020
127.28	-42.43	0.00024	120.21	-49.50	0.00030
113.14	-56.57	0.00039	106.07	-63.64	0.00053
102.53	-67.18	0.00064	98.99	-70.71	0.00079

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00091	95.46	-74.25	0.00100
94.05	-75.66	0.00111	92.63	-77.07	0.00124
91.22	-78.49	0.00138	78.49	-91.22	0.00203
77.07	-92.63	0.00194	75.66	-94.05	0.00184
74.25	-95.46	0.00174	72.83	-96.87	0.00165
70.71	-98.99	0.00153	67.18	-102.53	0.00135
63.64	-106.07	0.00119	56.57	-113.14	0.00095
49.50	-120.21	0.00077	42.43	-127.28	0.00064
35.36	-134.35	0.00054	28.28	-141.42	0.00045
21.21	-148.49	0.00039	14.14	-155.56	0.00033
162.63	-21.21	0.00013	155.56	-28.28	0.00015
148.49	-35.36	0.00018	141.42	-42.43	0.00021
134.35	-49.50	0.00026	127.28	-56.57	0.00033
120.21	-63.64	0.00042	113.14	-70.71	0.00058
109.60	-74.25	0.00071	106.07	-77.78	0.00087
103.94	-79.90	0.00101	102.53	-81.32	0.00111
101.12	-82.73	0.00124	99.70	-84.15	0.00139
98.29	-85.56	0.00158	85.56	-98.29	0.00238
84.15	-99.70	0.00222	82.73	-101.12	0.00206
81.32	-102.53	0.00193	79.90	-103.94	0.00181
77.78	-106.07	0.00165	74.25	-109.60	0.00144

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00126	63.64	-120.21	0.00100
56.57	-127.28	0.00081	49.50	-134.35	0.00066
42.43	-141.42	0.00055	35.36	-148.49	0.00047
28.28	-155.56	0.00039	21.21	-162.63	0.00034
169.71	-28.28	0.00014	162.63	-35.36	0.00016
155.56	-42.43	0.00019	148.49	-49.50	0.00023
141.42	-56.57	0.00028	134.35	-63.64	0.00036
127.28	-70.71	0.00047	120.21	-77.78	0.00066
116.67	-81.32	0.00080	113.14	-84.85	0.00099
111.02	-86.97	0.00115	109.60	-88.39	0.00127
108.19	-89.80	0.00142	106.77	-91.22	0.00162
105.36	-92.63	0.00188	92.63	-105.36	0.00266
91.22	-106.77	0.00243	89.80	-108.19	0.00223
88.39	-109.60	0.00207	86.97	-111.02	0.00193
84.85	-113.14	0.00175	81.32	-116.67	0.00151
77.78	-120.21	0.00132	70.71	-127.28	0.00103
63.64	-134.35	0.00083	56.57	-141.42	0.00068
49.50	-148.49	0.00057	42.43	-155.56	0.00047
35.36	-162.63	0.00040	28.28	-169.71	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00015	169.71	-42.43	0.00018
162.63	-49.50	0.00021	155.56	-56.57	0.00026
148.49	-63.64	0.00032	141.42	-70.71	0.00041
134.35	-77.78	0.00054	127.28	-84.85	0.00077
123.74	-88.39	0.00096	120.21	-91.92	0.00124
118.09	-94.05	0.00148	116.67	-95.46	0.00170
115.26	-96.87	0.00198	113.84	-98.29	0.00236
112.43	-99.70	0.00290	99.70	-112.43	0.00314
98.29	-113.84	0.00275	96.87	-115.26	0.00247
95.46	-116.67	0.00226	94.05	-118.09	0.00208
91.92	-120.21	0.00187	88.39	-123.74	0.00160
84.85	-127.28	0.00139	77.78	-134.35	0.00108
70.71	-141.42	0.00087	63.64	-148.49	0.00071
56.57	-155.56	0.00058	49.50	-162.63	0.00048
42.43	-169.71	0.00040	35.36	-176.78	0.00034

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00017	176.78	-49.50	0.00020
169.71	-56.57	0.00024	162.63	-63.64	0.00029
155.56	-70.71	0.00036	148.49	-77.78	0.00047
141.42	-84.85	0.00064	134.35	-91.92	0.00096
130.81	-95.46	0.00124	127.28	-98.99	0.00168
125.16	-101.12	0.00208	123.74	-102.53	0.00243
122.33	-103.94	0.00287	120.92	-105.36	0.00345
119.50	-106.77	0.00419	106.77	-119.50	0.00378
105.36	-120.92	0.00325	103.94	-122.33	0.00285
102.53	-123.74	0.00255	101.12	-125.16	0.00231
98.99	-127.28	0.00203	95.46	-130.81	0.00169
91.92	-134.35	0.00146	84.85	-141.42	0.00113
77.78	-148.49	0.00090	70.71	-155.56	0.00073
63.64	-162.63	0.00059	56.57	-169.71	0.00049
49.50	-176.78	0.00041	42.43	-183.85	0.00035
190.92	-49.50	0.00018	183.85	-56.57	0.00021
176.78	-63.64	0.00026	169.71	-70.71	0.00032
162.63	-77.78	0.00041	155.56	-84.85	0.00055
148.49	-91.92	0.00078	141.42	-98.99	0.00122
137.89	-102.53	0.00161	134.35	-106.07	0.00223
132.23	-108.19	0.00277	130.81	-109.60	0.00323
129.40	-111.02	0.00378	127.99	-112.43	0.00445
126.57	-113.84	0.00527	113.84	-126.57	0.00440
112.43	-127.99	0.00376	111.02	-129.40	0.00328
109.60	-130.81	0.00290	108.19	-132.23	0.00259

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00224	102.53	-137.89	0.00182
98.99	-141.42	0.00154	91.92	-148.49	0.00117
84.85	-155.56	0.00092	77.78	-162.63	0.00074
70.71	-169.71	0.00061	63.64	-176.78	0.00050
56.57	-183.85	0.00042	49.50	-190.92	0.00036
197.99	-56.57	0.00019	190.92	-63.64	0.00023
183.85	-70.71	0.00029	176.78	-77.78	0.00036
169.71	-84.85	0.00047	162.63	-91.92	0.00065
155.56	-98.99	0.00094	148.49	-106.07	0.00152

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00203	141.42	-113.14	0.00279
139.30	-115.26	0.00341	137.89	-116.67	0.00392
136.47	-118.09	0.00452	135.06	-119.50	0.00523
133.64	-120.92	0.00609	120.92	-133.64	0.00489
119.50	-135.06	0.00419	118.09	-136.47	0.00364
116.67	-137.89	0.00321	115.26	-139.30	0.00286
113.14	-141.42	0.00245	109.60	-144.96	0.00196
106.07	-148.49	0.00163	98.99	-155.56	0.00121
91.92	-162.63	0.00094	84.85	-169.71	0.00075
77.78	-176.78	0.00061	70.71	-183.85	0.00051
63.64	-190.92	0.00043	56.57	-197.99	0.00037
205.06	-63.64	0.00021	197.99	-70.71	0.00025
190.92	-77.78	0.00031	183.85	-84.85	0.00041
176.78	-91.92	0.00054	169.71	-98.99	0.00076
162.63	-106.07	0.00113	155.56	-113.14	0.00184
152.03	-116.67	0.00243	148.49	-120.21	0.00328
146.37	-122.33	0.00395	144.96	-123.74	0.00447
143.54	-125.16	0.00509	142.13	-126.57	0.00581
140.71	-127.99	0.00667	127.99	-140.71	0.00521
126.57	-142.13	0.00447	125.16	-143.54	0.00390
123.74	-144.96	0.00344	122.33	-146.37	0.00307
120.21	-148.49	0.00262	116.67	-152.03	0.00209
113.14	-155.56	0.00172	106.07	-162.63	0.00125
98.99	-169.71	0.00096	91.92	-176.78	0.00076
84.85	-183.85	0.00062	77.78	-190.92	0.00052
70.71	-197.99	0.00044	63.64	-205.06	0.00037
212.13	-70.71	0.00023	205.06	-77.78	0.00028
197.99	-84.85	0.00035	190.92	-91.92	0.00046
183.85	-98.99	0.00062	176.78	-106.07	0.00088
169.71	-113.14	0.00133	162.63	-120.21	0.00215
159.10	-123.74	0.00279	155.56	-127.28	0.00368

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 15:19:20 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00436	152.03	-130.81	0.00489
150.61	-132.23	0.00551	149.20	-133.64	0.00621
147.79	-135.06	0.00705	135.06	-147.79	0.00535

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00460	132.23	-150.61	0.00404
130.81	-152.03	0.00358	129.40	-153.44	0.00320
127.28	-155.56	0.00274	123.74	-159.10	0.00218
120.21	-162.63	0.00179	113.14	-169.71	0.00129
106.07	-176.78	0.00098	98.99	-183.85	0.00078
91.92	-190.92	0.00063	84.85	-197.99	0.00052
77.78	-205.06	0.00044	70.71	-212.13	0.00038
219.20	-77.78	0.00025	212.13	-84.85	0.00031
205.06	-91.92	0.00039	197.99	-98.99	0.00051
190.92	-106.07	0.00070	183.85	-113.14	0.00100
176.78	-120.21	0.00151	169.71	-127.28	0.00241
166.17	-130.81	0.00309	162.63	-134.35	0.00400
160.51	-136.47	0.00468	159.10	-137.89	0.00521
157.68	-139.30	0.00580	156.27	-140.71	0.00649
154.86	-142.13	0.00730	142.13	-154.86	0.00535
140.71	-156.27	0.00463	139.30	-157.68	0.00408
137.89	-159.10	0.00364	136.47	-160.51	0.00327
134.35	-162.63	0.00282	130.81	-166.17	0.00226
127.28	-169.71	0.00186	120.21	-176.78	0.00134
113.14	-183.85	0.00101	106.07	-190.92	0.00080
98.99	-197.99	0.00064	91.92	-205.06	0.00053
84.85	-212.13	0.00045	77.78	-219.20	0.00038
226.27	-84.85	0.00027	219.20	-91.92	0.00034
212.13	-98.99	0.00043	205.06	-106.07	0.00057
197.99	-113.14	0.00078	190.92	-120.21	0.00112
183.85	-127.28	0.00168	176.78	-134.35	0.00263
173.24	-137.89	0.00333	169.71	-141.42	0.00423
167.58	-143.54	0.00491	166.17	-144.96	0.00543
164.76	-146.37	0.00601	163.34	-147.79	0.00669
161.93	-149.20	0.00745	149.20	-161.93	0.00528
147.79	-163.34	0.00462	146.37	-164.76	0.00410
144.96	-166.17	0.00369	143.54	-167.58	0.00334
141.42	-169.71	0.00290	137.89	-173.24	0.00235
134.35	-176.78	0.00194	127.28	-183.85	0.00138
120.21	-190.92	0.00104	113.14	-197.99	0.00082
106.07	-205.06	0.00066	98.99	-212.13	0.00054
91.92	-219.20	0.00045	84.85	-226.27	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00029	226.27	-98.99	0.00037		
219.20	-106.07	0.00047	212.13	-113.14	0.00062		
205.06	-120.21	0.00086	197.99	-127.28	0.00123		
190.92	-134.35	0.00182	183.85	-141.42	0.00279		
180.31	-144.96	0.00348	176.78	-148.49	0.00437		
174.66	-150.61	0.00503	173.24	-152.03	0.00554		
171.83	-153.44	0.00610	170.41	-154.86	0.00673		
169.00	-156.27	0.00743	156.27	-169.00	0.00520		
154.86	-170.41	0.00461	153.44	-171.83	0.00412		
152.03	-173.24	0.00372	150.61	-174.66	0.00338		
148.49	-176.78	0.00296	144.96	-180.31	0.00241		
141.42	-183.85	0.00199	134.35	-190.92	0.00143		
127.28	-197.99	0.00107	120.21	-205.06	0.00083		
113.14	-212.13	0.00067	106.07	-219.20	0.00055		
98.99	-226.27	0.00046	91.92	-233.35	0.00039		
240.42	-98.99	0.00031	233.35	-106.07	0.00039		
226.27	-113.14	0.00051	219.20	-120.21	0.00068		
212.13	-127.28	0.00093	205.06	-134.35	0.00132		
197.99	-141.42	0.00192	190.92	-148.49	0.00287		
187.38	-152.03	0.00352	183.85	-155.56	0.00433		
181.73	-157.68	0.00490	180.31	-159.10	0.00532		
178.90	-160.51	0.00575	177.48	-161.93	0.00619		
176.07	-163.34	0.00659	163.34	-176.07	0.00484		
161.93	-177.48	0.00440	160.51	-178.90	0.00401		
159.10	-180.31	0.00366	157.68	-181.73	0.00335		
155.56	-183.85	0.00294	152.03	-187.38	0.00242		
148.49	-190.92	0.00200	141.42	-197.99	0.00144		
134.35	-205.06	0.00108	127.28	-212.13	0.00084		
120.21	-219.20	0.00067	113.14	-226.27	0.00055		
106.07	-233.35	0.00046	98.99	-240.42	0.00039		
247.49	-106.07	0.00033	240.42	-113.14	0.00042		
233.35	-120.21	0.00054	226.27	-127.28	0.00072		
219.20	-134.35	0.00099	212.13	-141.42	0.00138		
205.06	-148.49	0.00197	197.99	-155.56	0.00284		
194.45	-159.10	0.00340	190.92	-162.63	0.00405		
188.80	-164.76	0.00447	187.38	-166.17	0.00474		
185.97	-167.58	0.00500	184.55	-169.00	0.00524		
183.14	-170.41	0.00544	170.41	-183.14	0.00426		
169.00	-184.55	0.00397	167.58	-185.97	0.00369		
166.17	-187.38	0.00342	164.76	-188.80	0.00318		

04/20/08

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00284	159.10	-194.45	0.00237
155.56	-197.99	0.00199	148.49	-205.06	0.00144
141.42	-212.13	0.00107	134.35	-219.20	0.00083
127.28	-226.27	0.00066	120.21	-233.35	0.00054
113.14	-240.42	0.00045	106.07	-247.49	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00005	-127.28	226.27	0.00005
-134.35	219.20	0.00005	-141.42	212.13	0.00006
-148.49	205.06	0.00006	-155.56	197.99	0.00007
-159.10	194.45	0.00007	-162.63	190.92	0.00007
-164.76	188.80	0.00008	-166.17	187.38	0.00008
-167.58	185.97	0.00008	-169.00	184.55	0.00008
-170.41	183.14	0.00008	-183.14	170.41	0.00008
-184.55	169.00	0.00009	-185.97	167.58	0.00009
-187.38	166.17	0.00009	-188.80	164.76	0.00009
-190.92	162.63	0.00009	-194.45	159.10	0.00009
-197.99	155.56	0.00009	-205.06	148.49	0.00009
-212.13	141.42	0.00009	-219.20	134.35	0.00009
-226.27	127.28	0.00009	-233.35	120.21	0.00009
-240.42	113.14	0.00008	-247.49	106.07	0.00008
-98.99	240.42	0.00004	-106.07	233.35	0.00004
-113.14	226.27	0.00005	-120.21	219.20	0.00005
-127.28	212.13	0.00006	-134.35	205.06	0.00006
-141.42	197.99	0.00007	-148.49	190.92	0.00007
-152.03	187.38	0.00008	-155.56	183.85	0.00008

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00009
-177.48	161.93	0.00009	-178.90	160.51	0.00009
-180.31	159.10	0.00009	-181.73	157.68	0.00009
-183.85	155.56	0.00009	-187.38	152.03	0.00009
-190.92	148.49	0.00009	-197.99	141.42	0.00009
-205.06	134.35	0.00009	-212.13	127.28	0.00009
-219.20	120.21	0.00009	-226.27	113.14	0.00009
-233.35	106.07	0.00009	-240.42	98.99	0.00008
-91.92	233.35	0.00004	-98.99	226.27	0.00004
-106.07	219.20	0.00005	-113.14	212.13	0.00005
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00007	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00008	-152.03	173.24	0.00008
-153.44	171.83	0.00009	-154.86	170.41	0.00009
-156.27	169.00	0.00009	-169.00	156.27	0.00010
-170.41	154.86	0.00010	-171.83	153.44	0.00010
-173.24	152.03	0.00010	-174.66	150.61	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00010	-180.31	144.96	0.00010
-183.85	141.42	0.00010	-190.92	134.35	0.00010
-197.99	127.28	0.00010	-205.06	120.21	0.00010
-212.13	113.14	0.00010	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00004	-91.92	219.20	0.00005
-98.99	212.13	0.00005	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00007
-127.28	183.85	0.00007	-134.35	176.78	0.00008
-137.89	173.24	0.00008	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00010
-163.34	147.79	0.00010	-164.76	146.37	0.00010

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00010	-167.58	143.54	0.00010
-169.71	141.42	0.00010	-173.24	137.89	0.00011
-176.78	134.35	0.00011	-183.85	127.28	0.00011
-190.92	120.21	0.00011	-197.99	113.14	0.00010
-205.06	106.07	0.00010	-212.13	99.00	0.00010
-219.20	91.92	0.00010	-226.27	84.85	0.00009
-77.78	219.20	0.00004	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-98.99	197.99	0.00006
-106.07	190.92	0.00006	-113.14	183.85	0.00007
-120.21	176.78	0.00008	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00010
-139.30	157.68	0.00010	-140.71	156.27	0.00010
-142.13	154.86	0.00010	-154.86	142.13	0.00011
-156.27	140.71	0.00011	-157.68	139.30	0.00011
-159.10	137.89	0.00011	-160.51	136.47	0.00011
-162.63	134.35	0.00011	-166.17	130.81	0.00011
-169.71	127.28	0.00011	-176.78	120.21	0.00011
-183.85	113.14	0.00011	-190.92	106.07	0.00011
-197.99	99.00	0.00011	-205.06	91.92	0.00010
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00004	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00006
-98.99	183.85	0.00007	-106.07	176.78	0.00007
-113.14	169.71	0.00008	-120.21	162.63	0.00009
-123.74	159.10	0.00009	-127.28	155.56	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00011	-147.79	135.06	0.00011
-149.20	133.64	0.00012	-150.61	132.23	0.00012
-152.03	130.81	0.00012	-153.44	129.40	0.00012
-155.56	127.28	0.00012	-159.10	123.74	0.00012
-162.63	120.21	0.00012	-169.71	113.14	0.00012
-176.78	106.07	0.00012	-183.85	98.99	0.00012

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00011	-197.99	84.85	0.00011
-205.06	77.78	0.00011	-212.13	70.71	0.00010
-63.64	205.06	0.00005	-70.71	197.99	0.00005
-77.78	190.92	0.00006	-84.85	183.85	0.00006
-91.92	176.78	0.00007	-98.99	169.71	0.00008
-106.07	162.63	0.00009	-113.14	155.56	0.00010
-116.67	152.03	0.00010	-120.21	148.49	0.00010
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00012
-142.13	126.57	0.00012	-143.54	125.16	0.00012
-144.96	123.74	0.00013	-146.37	122.33	0.00013
-148.49	120.21	0.00013	-152.03	116.67	0.00013
-155.56	113.14	0.00013	-162.63	106.07	0.00013
-169.71	98.99	0.00013	-176.78	91.92	0.00012
-183.85	84.85	0.00012	-190.92	77.78	0.00012
-197.99	70.71	0.00011	-205.06	63.64	0.00011
-56.57	197.99	0.00005	-63.64	190.92	0.00005
-70.71	183.85	0.00006	-77.78	176.78	0.00007
-84.85	169.71	0.00007	-91.92	162.63	0.00008
-98.99	155.56	0.00009	-106.07	148.49	0.00010
-109.60	144.96	0.00011	-113.14	141.42	0.00011
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00012	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00013
-135.06	119.50	0.00013	-136.47	118.09	0.00013
-137.89	116.67	0.00013	-139.30	115.26	0.00014
-141.42	113.14	0.00014	-144.96	109.60	0.00014
-148.49	106.07	0.00014	-155.56	98.99	0.00014
-162.63	91.92	0.00014	-169.71	84.85	0.00013
-176.78	77.78	0.00013	-183.85	70.71	0.00012
-190.92	63.64	0.00012	-197.99	56.57	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00005	-56.57	183.85	0.00005
-63.64	176.78	0.00006	-70.71	169.71	0.00007

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00008	-84.85	155.56	0.00009
-91.92	148.49	0.00010	-98.99	141.42	0.00011
-102.53	137.89	0.00011	-106.07	134.35	0.00012
-108.19	132.23	0.00012	-109.60	130.81	0.00012
-111.02	129.40	0.00012	-112.43	127.99	0.00013
-113.84	126.57	0.00013	-126.57	113.84	0.00014
-127.99	112.43	0.00014	-129.40	111.02	0.00014
-130.81	109.60	0.00014	-132.23	108.19	0.00015
-134.35	106.07	0.00015	-137.89	102.53	0.00015
-141.42	98.99	0.00015	-148.49	91.92	0.00015
-155.56	84.85	0.00014	-162.63	77.78	0.00014
-169.71	70.71	0.00014	-176.78	63.64	0.00013
-183.85	56.57	0.00012	-190.92	49.50	0.00012
-42.43	183.85	0.00005	-49.50	176.78	0.00006
-56.57	169.71	0.00006	-63.64	162.63	0.00007
-70.71	155.56	0.00008	-77.78	148.49	0.00009
-84.85	141.42	0.00010	-91.92	134.35	0.00011
-95.46	130.81	0.00012	-98.99	127.28	0.00013
-101.12	125.16	0.00013	-102.53	123.74	0.00013
-103.94	122.33	0.00013	-105.36	120.92	0.00014
-106.77	119.50	0.00014	-119.50	106.77	0.00015
-120.92	105.36	0.00015	-122.33	103.94	0.00016
-123.74	102.53	0.00016	-125.16	101.12	0.00016
-127.28	98.99	0.00016	-130.81	95.46	0.00016
-134.35	91.92	0.00016	-141.42	84.85	0.00016
-148.49	77.78	0.00016	-155.56	70.71	0.00015
-162.63	63.64	0.00015	-169.71	56.57	0.00014
-176.78	49.50	0.00013	-183.85	42.43	0.00012
-35.36	176.78	0.00005	-42.43	169.71	0.00006
-49.50	162.63	0.00007	-56.57	155.56	0.00007
-63.64	148.49	0.00008	-70.71	141.42	0.00010
-77.78	134.35	0.00011	-84.85	127.28	0.00012
-88.39	123.74	0.00013	-91.92	120.21	0.00014
-94.05	118.09	0.00014	-95.46	116.67	0.00014
-96.87	115.26	0.00014	-98.29	113.84	0.00015
-99.70	112.43	0.00015	-112.43	99.70	0.00017
-113.84	98.29	0.00017	-115.26	96.87	0.00017
-116.67	95.46	0.00017	-118.09	94.05	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

17NCRA PL92-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00017	-123.74	88.39	0.00017	
-127.28	84.85	0.00017	-134.35	77.78	0.00017	
-141.42	70.71	0.00017	-148.49	63.64	0.00016	
-155.56	56.57	0.00015	-162.63	49.50	0.00015	
-169.71	42.43	0.00014	-176.78	35.36	0.00013	
-28.28	169.71	0.00005	-35.36	162.63	0.00006	
-42.43	155.56	0.00007	-49.50	148.49	0.00008	
-56.57	141.42	0.00009	-63.64	134.35	0.00010	
-70.71	127.28	0.00012	-77.78	120.21	0.00013	
-81.32	116.67	0.00014	-84.85	113.14	0.00015	
-86.97	111.02	0.00015	-88.39	109.60	0.00015	
-89.80	108.19	0.00016	-91.22	106.77	0.00016	
-92.63	105.36	0.00016	-105.36	92.63	0.00018	
-106.77	91.22	0.00018	-108.19	89.80	0.00018	
-109.60	88.39	0.00018	-111.02	86.97	0.00018	
-113.14	84.85	0.00019	-116.67	81.32	0.00019	
-120.21	77.78	0.00019	-127.28	70.71	0.00018	
-134.35	63.64	0.00018	-141.42	56.57	0.00017	
-148.49	49.50	0.00017	-155.56	42.43	0.00016	
-162.63	35.36	0.00015	-169.71	28.28	0.00014	
-21.21	162.63	0.00006	-28.28	155.56	0.00006	
-35.36	148.49	0.00007	-42.43	141.42	0.00008	
-49.50	134.35	0.00009	-56.57	127.28	0.00011	
-63.64	120.21	0.00012	-70.71	113.14	0.00014	
-74.25	109.60	0.00015	-77.78	106.07	0.00016	
-79.90	103.94	0.00016	-81.32	102.53	0.00017	
-82.73	101.12	0.00017	-84.15	99.70	0.00017	
-85.56	98.29	0.00017	-98.29	85.56	0.00020	
-99.70	84.15	0.00020	-101.12	82.73	0.00020	
-102.53	81.32	0.00020	-103.94	79.90	0.00020	
-106.07	77.78	0.00020	-109.60	74.25	0.00020	
-113.14	70.71	0.00020	-120.21	63.64	0.00020	
-127.28	56.57	0.00019	-134.35	49.50	0.00019	
-141.42	42.43	0.00018	-148.49	35.36	0.00017	
-155.56	28.28	0.00016	-162.63	21.21	0.00015	
-14.14	155.56	0.00006	-21.21	148.49	0.00007	
-28.28	141.42	0.00007	-35.36	134.35	0.00008	
-42.43	127.28	0.00010	-49.50	120.21	0.00011	
-56.57	113.14	0.00013	-63.64	106.07	0.00015	
-67.18	102.53	0.00016	-70.71	98.99	0.00017	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00018	-74.25	95.46	0.00018
-75.66	94.05	0.00018	-77.07	92.63	0.00019
-78.49	91.22	0.00019	-91.22	78.49	0.00022
-92.63	77.07	0.00022	-94.05	75.66	0.00022
-95.46	74.25	0.00022	-96.87	72.83	0.00022
-98.99	70.71	0.00022	-102.53	67.18	0.00022
-106.07	63.64	0.00022	-113.14	56.57	0.00022
-120.21	49.50	0.00021	-127.28	42.43	0.00020
-134.35	35.36	0.00019	-141.42	28.28	0.00018
-148.49	21.21	0.00016	-155.56	14.14	0.00015
-7.07	148.49	0.00006	-14.14	141.42	0.00007
-21.21	134.35	0.00008	-28.28	127.28	0.00009
-35.36	120.21	0.00010	-42.43	113.14	0.00012
-49.50	106.07	0.00014	-56.57	98.99	0.00016
-60.10	95.46	0.00017	-63.64	91.92	0.00018
-65.76	89.80	0.00019	-67.18	88.39	0.00020
-68.59	86.97	0.00020	-70.00	85.56	0.00020
-71.42	84.15	0.00021	-84.15	71.42	0.00024
-85.56	70.00	0.00024	-86.97	68.59	0.00024
-88.39	67.18	0.00024	-89.80	65.76	0.00024
-91.92	63.64	0.00024	-95.46	60.10	0.00024
-98.99	56.57	0.00024	-106.07	49.50	0.00024
-113.14	42.43	0.00023	-120.21	35.36	0.00022
-127.28	28.28	0.00020	-134.35	21.21	0.00019
-141.42	14.14	0.00017	-148.49	7.07	0.00016
0.00	141.42	0.00006	-7.07	134.35	0.00007
-14.14	127.28	0.00008	-21.21	120.21	0.00009
-28.28	113.14	0.00011	-35.36	106.07	0.00013
-42.43	98.99	0.00015	-49.50	91.92	0.00017
-53.03	88.39	0.00019	-56.57	84.85	0.00020
-58.69	82.73	0.00021	-60.10	81.32	0.00021
-61.52	79.90	0.00022	-62.93	78.49	0.00022
-64.35	77.07	0.00023	-77.07	64.35	0.00026
-78.49	62.93	0.00026	-79.90	61.52	0.00027



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00027	-82.73	58.69	0.00027
-84.85	56.57	0.00027	-88.39	53.03	0.00027
-91.92	49.50	0.00027	-98.99	42.43	0.00026
-106.07	35.36	0.00025	-113.14	28.28	0.00023
-120.21	21.21	0.00022	-127.28	14.14	0.00020
-134.35	7.07	0.00018	-141.42	0.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00007	0.00	127.28	0.00007
-7.07	120.21	0.00008	-14.14	113.14	0.00010
-21.21	106.07	0.00011	-28.28	98.99	0.00013
-35.36	91.92	0.00016	-42.43	84.85	0.00019
-45.96	81.32	0.00020	-49.50	77.78	0.00022
-51.62	75.66	0.00023	-53.03	74.25	0.00023
-54.45	72.83	0.00024	-55.86	71.42	0.00025
-57.28	70.00	0.00025	-70.00	57.28	0.00029
-71.42	55.86	0.00029	-72.83	54.45	0.00030
-74.25	53.03	0.00030	-75.66	51.62	0.00030
-77.78	49.50	0.00030	-81.32	45.96	0.00030
-84.85	42.43	0.00029	-91.92	35.36	0.00028
-98.99	28.28	0.00027	-106.07	21.21	0.00025
-113.14	14.14	0.00023	-120.21	7.07	0.00021
-127.28	0.00	0.00020	-134.35	-7.07	0.00018
14.14	127.28	0.00007	7.07	120.21	0.00008
0.00	113.14	0.00009	-7.07	106.07	0.00010
-14.14	98.99	0.00012	-21.21	91.92	0.00014
-28.28	84.85	0.00017	-35.36	77.78	0.00020
-38.89	74.25	0.00022	-42.43	70.71	0.00024
-44.55	68.59	0.00025	-45.96	67.18	0.00026
-47.38	65.76	0.00027	-48.79	64.35	0.00027
-50.20	62.93	0.00028	-62.93	50.20	0.00033
-64.35	48.79	0.00033	-65.76	47.38	0.00033
-67.18	45.96	0.00033	-68.59	44.55	0.00033
-70.71	42.43	0.00033	-74.25	38.89	0.00033
-77.78	35.36	0.00033	-84.85	28.28	0.00031
-91.92	21.21	0.00029	-98.99	14.14	0.00027

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00025	-113.14	0.00	0.00023
-120.21	-7.07	0.00021	-127.28	-14.14	0.00019
21.21	120.21	0.00007	14.14	113.14	0.00008
7.07	106.07	0.00009	0.00	98.99	0.00011
-7.07	91.92	0.00013	-14.14	84.85	0.00015
-21.21	77.78	0.00018	-28.28	70.71	0.00022
-31.82	67.18	0.00024	-35.36	63.64	0.00027
-37.48	61.52	0.00028	-38.89	60.10	0.00029
-40.31	58.69	0.00030	-41.72	57.28	0.00030
-43.13	55.86	0.00031	-55.86	43.13	0.00037
-57.28	41.72	0.00037	-58.69	40.31	0.00037
-60.10	38.89	0.00037	-61.52	37.48	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00037	-67.18	31.82	0.00037
-70.71	28.28	0.00036	-77.78	21.21	0.00035
-84.85	14.14	0.00032	-91.92	7.07	0.00030
-98.99	0.00	0.00027	-106.07	-7.07	0.00024
-113.14	-14.14	0.00022	-120.21	-21.21	0.00020
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00010	7.07	91.92	0.00011
0.00	84.85	0.00013	-7.07	77.78	0.00016
-14.14	70.71	0.00020	-21.21	63.64	0.00024
-24.75	60.10	0.00027	-28.28	56.57	0.00029
-30.41	54.45	0.00031	-31.82	53.03	0.00032
-33.23	51.62	0.00033	-34.65	50.20	0.00034
-36.06	48.79	0.00035	-48.79	36.06	0.00042
-50.20	34.65	0.00042	-51.62	33.23	0.00042
-53.03	31.82	0.00042	-54.45	30.41	0.00042
-56.57	28.28	0.00042	-60.10	24.75	0.00042
-63.64	21.21	0.00041	-70.71	14.14	0.00038
-77.78	7.07	0.00035	-84.85	0.00	0.00032
-91.92	-7.07	0.00029	-98.99	-14.14	0.00026
-106.07	-21.21	0.00024	-113.14	-28.28	0.00022
35.36	106.07	0.00008	28.28	98.99	0.00009
21.21	91.92	0.00010	14.14	84.85	0.00012

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00014	0.00	70.71	0.00017
-7.07	63.64	0.00021	-14.14	56.57	0.00026
-17.68	53.03	0.00029	-21.21	49.50	0.00033
-23.33	47.38	0.00035	-24.75	45.96	0.00036
-26.16	44.55	0.00037	-27.58	43.13	0.00038
-28.99	41.72	0.00040	-41.72	28.99	0.00048
-43.13	27.58	0.00048	-44.55	26.16	0.00048
-45.96	24.75	0.00048	-47.38	23.33	0.00048
-49.50	21.21	0.00048	-53.03	17.68	0.00047
-56.57	14.14	0.00046	-63.64	7.07	0.00043
-70.71	0.00	0.00039	-77.78	-7.07	0.00035
-84.85	-14.14	0.00031	-91.92	-21.21	0.00028
-98.99	-28.28	0.00026	-106.07	-35.36	0.00023
42.43	98.99	0.00008	35.36	91.92	0.00009
28.28	84.85	0.00011	21.21	77.78	0.00013
14.14	70.71	0.00015	7.07	63.64	0.00018
0.00	56.57	0.00023	-7.07	49.50	0.00029
-10.61	45.96	0.00032	-14.14	42.43	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00039	-17.68	38.89	0.00040
-19.09	37.48	0.00042	-20.51	36.06	0.00044
-21.92	34.65	0.00045	-34.65	21.92	0.00055
-36.06	20.51	0.00055	-37.48	19.09	0.00056
-38.89	17.68	0.00056	-40.31	16.26	0.00055
-42.43	14.14	0.00055	-45.96	10.61	0.00054
-49.50	7.07	0.00052	-56.57	0.00	0.00047
-63.64	-7.07	0.00042	-70.71	-14.14	0.00038
-77.78	-21.21	0.00034	-84.85	-28.28	0.00030
-91.92	-35.36	0.00028	-98.99	-42.43	0.00025
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00011	28.28	70.71	0.00013
21.21	63.64	0.00016	14.14	56.57	0.00020
7.07	49.50	0.00024	0.00	42.43	0.00031
-3.54	38.89	0.00036	-7.07	35.36	0.00041
-9.19	33.23	0.00044	-10.61	31.82	0.00046

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00048	-13.44	28.99	0.00050
-14.85	27.58	0.00052	-27.58	14.85	0.00064
-28.99	13.44	0.00065	-30.41	12.02	0.00065
-31.82	10.61	0.00065	-33.23	9.19	0.00064
-35.36	7.07	0.00063	-38.89	3.54	0.00061
-42.43	0.00	0.00059	-49.50	-7.07	0.00053
-56.57	-14.14	0.00047	-63.64	-21.21	0.00041
-70.71	-28.28	0.00037	-77.78	-35.36	0.00033
-84.85	-42.43	0.00030	-91.92	-49.50	0.00027
56.57	84.85	0.00009	49.50	77.78	0.00010
42.43	70.71	0.00012	35.36	63.64	0.00014
28.28	56.57	0.00017	21.21	49.50	0.00021
14.14	42.43	0.00026	7.07	35.36	0.00034
3.54	31.82	0.00039	0.00	28.28	0.00045
-2.12	26.16	0.00049	-3.54	24.75	0.00052
-4.95	23.33	0.00055	-6.36	21.92	0.00058
-7.78	20.51	0.00060	-20.51	7.78	0.00076
-21.92	6.36	0.00076	-23.33	4.95	0.00076
-24.75	3.54	0.00076	-26.16	2.12	0.00075
-28.28	0.00	0.00074	-31.82	-3.54	0.00071
-35.36	-7.07	0.00067	-42.43	-14.14	0.00059
-49.50	-21.21	0.00051	-56.57	-28.28	0.00045
-63.64	-35.36	0.00040	-70.71	-42.43	0.00035
-77.78	-49.50	0.00032	-84.85	-56.57	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00011
49.50	63.64	0.00012	42.43	56.57	0.00015
35.36	49.50	0.00018	28.28	42.43	0.00022
21.21	35.36	0.00028	14.14	28.28	0.00038
10.61	24.75	0.00044	7.07	21.21	0.00051
4.95	19.09	0.00056	3.54	17.68	0.00060
2.12	16.26	0.00063	0.71	14.85	0.00067
-0.71	13.44	0.00071	-13.44	0.71	0.00091
-14.85	-0.71	0.00091	-16.26	-2.12	0.00090
-17.68	-3.54	0.00090	-19.09	-4.95	0.00088

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00086	-24.75	-10.61	0.00081
-28.28	-14.14	0.00076	-35.36	-21.21	0.00065
-42.43	-28.28	0.00056	-49.50	-35.36	0.00049
-56.57	-42.43	0.00043	-63.64	-49.50	0.00038
-70.71	-56.57	0.00033	-77.78	-63.64	0.00029
70.71	70.71	0.00010	63.64	63.64	0.00011
56.57	56.57	0.00013	49.50	49.50	0.00016
42.43	42.43	0.00019	35.36	35.36	0.00023
28.28	28.28	0.00031	21.21	21.21	0.00041
17.68	17.68	0.00048	14.14	14.14	0.00057
12.02	12.02	0.00064	10.61	10.61	0.00068
9.19	9.19	0.00073	7.78	7.78	0.00078
6.36	6.36	0.00083	-6.36	-6.36	0.00110
-7.78	-7.78	0.00110	-9.19	-9.19	0.00109
-10.61	-10.61	0.00107	-12.02	-12.02	0.00105
-14.14	-14.14	0.00101	-17.68	-17.68	0.00094
-21.21	-21.21	0.00086	-28.28	-28.28	0.00073
-35.36	-35.36	0.00062	-42.43	-42.43	0.00054
-49.50	-49.50	0.00046	-56.57	-56.57	0.00040
-63.64	-63.64	0.00035	-70.71	-70.71	0.00031
77.78	63.64	0.00011	70.71	56.57	0.00012
63.64	49.50	0.00014	56.57	42.43	0.00017
49.50	35.36	0.00020	42.43	28.28	0.00025
35.36	21.21	0.00033	28.28	14.14	0.00045
24.75	10.61	0.00053	21.21	7.07	0.00064
19.09	4.95	0.00072	17.68	3.54	0.00078
16.26	2.12	0.00085	14.85	0.71	0.00092
13.44	-0.71	0.00099	0.71	-13.44	0.00135
-0.71	-14.85	0.00134	-2.12	-16.26	0.00131
-3.54	-17.68	0.00127	-4.95	-19.09	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00117	-10.61	-24.75	0.00107
-14.14	-28.28	0.00097	-21.21	-35.36	0.00081
-28.28	-42.43	0.00068	-35.36	-49.50	0.00058
-42.43	-56.57	0.00049	-49.50	-63.64	0.00042

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00036	-63.64	-77.78	0.00032
84.85	56.57	0.00011	77.78	49.50	0.00013
70.71	42.43	0.00015	63.64	35.36	0.00018
56.57	28.28	0.00022	49.50	21.21	0.00027
42.43	14.14	0.00035	35.36	7.07	0.00048
31.82	3.54	0.00058	28.28	0.00	0.00072
26.16	-2.12	0.00082	24.75	-3.54	0.00089
23.33	-4.95	0.00098	21.92	-6.36	0.00107
20.51	-7.78	0.00118	7.78	-20.51	0.00167
6.36	-21.92	0.00162	4.95	-23.33	0.00157
3.54	-24.75	0.00151	2.12	-26.16	0.00145
0.00	-28.28	0.00135	-3.54	-31.82	0.00121
-7.07	-35.36	0.00109	-14.14	-42.43	0.00089
-21.21	-49.50	0.00073	-28.28	-56.57	0.00061
-35.36	-63.64	0.00051	-42.43	-70.71	0.00044
-49.50	-77.78	0.00038	-56.57	-84.85	0.00033
91.92	49.50	0.00012	84.85	42.43	0.00014
77.78	35.36	0.00016	70.71	28.28	0.00020
63.64	21.21	0.00024	56.57	14.14	0.00030
49.50	7.07	0.00039	42.43	0.00	0.00053
38.89	-3.54	0.00064	35.36	-7.07	0.00079
33.23	-9.19	0.00091	31.82	-10.61	0.00100
30.41	-12.02	0.00111	28.99	-13.44	0.00124
27.58	-14.85	0.00138	14.85	-27.58	0.00203
13.44	-28.99	0.00194	12.02	-30.41	0.00184
10.61	-31.82	0.00174	9.19	-33.23	0.00165
7.07	-35.36	0.00153	3.54	-38.89	0.00135
0.00	-42.43	0.00119	-7.07	-49.50	0.00095
-14.14	-56.57	0.00077	-21.21	-63.64	0.00064
-28.28	-70.71	0.00054	-35.36	-77.78	0.00045
-42.43	-84.85	0.00039	-49.50	-91.92	0.00033
98.99	42.43	0.00013	91.92	35.36	0.00015
84.85	28.28	0.00018	77.78	21.21	0.00021
70.71	14.14	0.00026	63.64	7.07	0.00033
56.57	0.00	0.00042	49.50	-7.07	0.00058
45.96	-10.61	0.00071	42.43	-14.14	0.00087

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00101	38.89	-17.68	0.00111
37.48	-19.09	0.00124	36.06	-20.51	0.00139
34.65	-21.92	0.00158	21.92	-34.65	0.00238
20.51	-36.06	0.00222	19.09	-37.48	0.00206
17.68	-38.89	0.00193	16.26	-40.31	0.00181
14.14	-42.43	0.00165	10.61	-45.96	0.00144
7.07	-49.50	0.00126	0.00	-56.57	0.00100
-7.07	-63.64	0.00081	-14.14	-70.71	0.00066
-21.21	-77.78	0.00055	-28.28	-84.85	0.00047
-35.36	-91.92	0.00039	-42.43	-98.99	0.00034
106.07	35.36	0.00014	98.99	28.28	0.00016
91.92	21.21	0.00019	84.85	14.14	0.00023
77.78	7.07	0.00028	70.71	0.00	0.00036
63.64	-7.07	0.00047	56.57	-14.14	0.00066
53.03	-17.68	0.00080	49.50	-21.21	0.00099
47.38	-23.33	0.00115	45.96	-24.75	0.00127
44.55	-26.16	0.00142	43.13	-27.58	0.00162
41.72	-28.99	0.00188	28.99	-41.72	0.00266
27.58	-43.13	0.00243	26.16	-44.55	0.00223
24.75	-45.96	0.00207	23.33	-47.38	0.00193
21.21	-49.50	0.00175	17.68	-53.03	0.00151
14.14	-56.57	0.00132	7.07	-63.64	0.00103
0.00	-70.71	0.00083	-7.07	-77.78	0.00068
-14.14	-84.85	0.00057	-21.21	-91.92	0.00047
-28.28	-98.99	0.00040	-35.36	-106.07	0.00034
113.14	28.28	0.00015	106.07	21.21	0.00018
98.99	14.14	0.00021	91.92	7.07	0.00026
84.85	0.00	0.00032	77.78	-7.07	0.00041
70.71	-14.14	0.00054	63.64	-21.21	0.00077
60.10	-24.75	0.00096	56.57	-28.28	0.00124
54.45	-30.41	0.00148	53.03	-31.82	0.00170
51.62	-33.23	0.00198	50.20	-34.65	0.00236
48.79	-36.06	0.00290	36.06	-48.79	0.00314
34.65	-50.20	0.00275	33.23	-51.62	0.00247
31.82	-53.03	0.00226	30.41	-54.45	0.00208
28.28	-56.57	0.00187	24.75	-60.10	0.00160
21.21	-63.64	0.00139	14.14	-70.71	0.00108
7.07	-77.78	0.00087	0.00	-84.85	0.00071
-7.07	-91.92	0.00058	-14.14	-98.99	0.00048
-21.21	-106.07	0.00040	-28.28	-113.14	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00017	113.14	14.14	0.00020	
106.07	7.07	0.00024	98.99	0.00	0.00029	
91.92	-7.07	0.00036	84.85	-14.14	0.00047	
77.78	-21.21	0.00064	70.71	-28.28	0.00096	
67.18	-31.82	0.00124	63.64	-35.36	0.00168	
61.52	-37.48	0.00208	60.10	-38.89	0.00243	
58.69	-40.31	0.00288	57.28	-41.72	0.00345	
55.86	-43.13	0.00419	43.13	-55.86	0.00378	
41.72	-57.28	0.00325	40.31	-58.69	0.00285	
38.89	-60.10	0.00255	37.48	-61.52	0.00231	
35.36	-63.64	0.00203	31.82	-67.18	0.00169	
28.28	-70.71	0.00146	21.21	-77.78	0.00113	
14.14	-84.85	0.00090	7.07	-91.92	0.00073	
0.00	-98.99	0.00059	-7.07	-106.07	0.00049	
-14.14	-113.14	0.00041	-21.21	-120.21	0.00035	
127.28	14.14	0.00018	120.21	7.07	0.00021	
113.14	0.00	0.00026	106.07	-7.07	0.00032	
98.99	-14.14	0.00041	91.92	-21.21	0.00055	
84.85	-28.28	0.00078	77.78	-35.36	0.00122	
74.25	-38.89	0.00161	70.71	-42.43	0.00223	
68.59	-44.55	0.00277	67.18	-45.96	0.00322	
65.76	-47.38	0.00378	64.35	-48.79	0.00445	
62.93	-50.20	0.00527	50.20	-62.93	0.00440	
48.79	-64.35	0.00376	47.38	-65.76	0.00328	
45.96	-67.18	0.00289	44.55	-68.59	0.00259	
42.43	-70.71	0.00224	38.89	-74.25	0.00182	
35.36	-77.78	0.00154	28.28	-84.85	0.00117	
21.21	-91.92	0.00092	14.14	-98.99	0.00074	
7.07	-106.07	0.00061	0.00	-113.14	0.00050	
-7.07	-120.21	0.00042	-14.14	-127.28	0.00036	
134.35	7.07	0.00019	127.28	0.00	0.00023	
120.21	-7.07	0.00029	113.14	-14.14	0.00036	
106.07	-21.21	0.00047	98.99	-28.28	0.00065	
91.92	-35.36	0.00094	84.85	-42.43	0.00152	
81.32	-45.96	0.00203	77.78	-49.50	0.00279	
75.66	-51.62	0.00341	74.25	-53.03	0.00392	



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00452	71.42	-55.86	0.00523
70.00	-57.28	0.00609	57.28	-70.00	0.00489
55.86	-71.42	0.00419	54.45	-72.83	0.00364
53.03	-74.25	0.00321	51.62	-75.66	0.00286

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00245	45.96	-81.32	0.00196
42.43	-84.85	0.00163	35.36	-91.92	0.00121
28.28	-98.99	0.00094	21.21	-106.07	0.00075
14.14	-113.14	0.00061	7.07	-120.21	0.00051
0.00	-127.28	0.00043	-7.07	-134.35	0.00037
141.42	0.00	0.00021	134.35	-7.07	0.00025
127.28	-14.14	0.00031	120.21	-21.21	0.00041
113.14	-28.28	0.00054	106.07	-35.36	0.00076
98.99	-42.43	0.00113	91.92	-49.50	0.00184
88.39	-53.03	0.00243	84.85	-56.57	0.00328
82.73	-58.69	0.00395	81.32	-60.10	0.00447
79.90	-61.52	0.00509	78.49	-62.93	0.00581
77.07	-64.35	0.00667	64.35	-77.07	0.00521
62.93	-78.49	0.00447	61.52	-79.90	0.00390
60.10	-81.32	0.00344	58.69	-82.73	0.00307
56.57	-84.85	0.00262	53.03	-88.39	0.00209
49.50	-91.92	0.00172	42.43	-98.99	0.00125
35.36	-106.07	0.00096	28.28	-113.14	0.00076
21.21	-120.21	0.00062	14.14	-127.28	0.00052
7.07	-134.35	0.00044	0.00	-141.42	0.00037
148.49	-7.07	0.00023	141.42	-14.14	0.00028
134.35	-21.21	0.00035	127.28	-28.28	0.00046
120.21	-35.36	0.00062	113.14	-42.43	0.00088
106.07	-49.50	0.00133	98.99	-56.57	0.00215
95.46	-60.10	0.00279	91.92	-63.64	0.00368
89.80	-65.76	0.00436	88.39	-67.18	0.00490
86.97	-68.59	0.00551	85.56	-70.00	0.00621
84.15	-71.42	0.00705	71.42	-84.15	0.00535
70.00	-85.56	0.00460	68.59	-86.97	0.00404
67.18	-88.39	0.00358	65.76	-89.80	0.00320

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00274	60.10	-95.46	0.00218
56.57	-98.99	0.00179	49.50	-106.07	0.00129
42.43	-113.14	0.00098	35.36	-120.21	0.00078
28.28	-127.28	0.00063	21.21	-134.35	0.00052
14.14	-141.42	0.00044	7.07	-148.49	0.00038
155.56	-14.14	0.00025	148.49	-21.21	0.00031
141.42	-28.28	0.00039	134.35	-35.36	0.00051
127.28	-42.43	0.00070	120.21	-49.50	0.00100
113.14	-56.57	0.00151	106.07	-63.64	0.00241
102.53	-67.18	0.00310	98.99	-70.71	0.00400

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00468	95.46	-74.25	0.00521
94.05	-75.66	0.00580	92.63	-77.07	0.00649
91.22	-78.49	0.00730	78.49	-91.22	0.00535
77.07	-92.63	0.00463	75.66	-94.05	0.00408
74.25	-95.46	0.00364	72.83	-96.87	0.00327
70.71	-98.99	0.00282	67.18	-102.53	0.00226
63.64	-106.07	0.00186	56.57	-113.14	0.00134
49.50	-120.21	0.00101	42.43	-127.28	0.00080
35.36	-134.35	0.00064	28.28	-141.42	0.00053
21.21	-148.49	0.00045	14.14	-155.56	0.00038
162.63	-21.21	0.00027	155.56	-28.28	0.00034
148.49	-35.36	0.00043	141.42	-42.43	0.00057
134.35	-49.50	0.00078	127.28	-56.57	0.00112
120.21	-63.64	0.00168	113.14	-70.71	0.00263
109.60	-74.25	0.00333	106.07	-77.78	0.00423
103.94	-79.90	0.00491	102.53	-81.32	0.00543
101.12	-82.73	0.00601	99.70	-84.15	0.00669
98.29	-85.56	0.00745	85.56	-98.29	0.00528
84.15	-99.70	0.00462	82.73	-101.12	0.00410
81.32	-102.53	0.00369	79.90	-103.94	0.00334
77.78	-106.07	0.00290	74.25	-109.60	0.00235
70.71	-113.14	0.00194	63.64	-120.21	0.00138
56.57	-127.28	0.00104	49.50	-134.35	0.00082
42.43	-141.42	0.00066	35.36	-148.49	0.00054

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00045	21.21	-162.63	0.00038
169.71	-28.28	0.00029	162.63	-35.36	0.00037
155.56	-42.43	0.00047	148.49	-49.50	0.00062
141.42	-56.57	0.00086	134.35	-63.64	0.00123
127.28	-70.71	0.00182	120.21	-77.78	0.00279
116.67	-81.32	0.00348	113.14	-84.85	0.00437
111.02	-86.97	0.00503	109.60	-88.39	0.00554
108.19	-89.80	0.00610	106.77	-91.22	0.00673
105.36	-92.63	0.00743	92.63	-105.36	0.00520
91.22	-106.77	0.00461	89.80	-108.19	0.00412
88.39	-109.60	0.00372	86.97	-111.02	0.00338
84.85	-113.14	0.00296	81.32	-116.67	0.00241
77.78	-120.21	0.00199	70.71	-127.28	0.00143
63.64	-134.35	0.00107	56.57	-141.42	0.00083
49.50	-148.49	0.00067	42.43	-155.56	0.00055
35.36	-162.63	0.00046	28.28	-169.71	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00031	169.71	-42.43	0.00039
162.63	-49.50	0.00051	155.56	-56.57	0.00068
148.49	-63.64	0.00093	141.42	-70.71	0.00132
134.35	-77.78	0.00192	127.28	-84.85	0.00287
123.74	-88.39	0.00352	120.21	-91.92	0.00433
118.09	-94.05	0.00490	116.67	-95.46	0.00532
115.26	-96.87	0.00575	113.84	-98.29	0.00619
112.43	-99.70	0.00659	99.70	-112.43	0.00484
98.29	-113.84	0.00440	96.87	-115.26	0.00401
95.46	-116.67	0.00366	94.05	-118.09	0.00335
91.92	-120.21	0.00294	88.39	-123.74	0.00242
84.85	-127.28	0.00200	77.78	-134.35	0.00144
70.71	-141.42	0.00108	63.64	-148.49	0.00084
56.57	-155.56	0.00067	49.50	-162.63	0.00055
42.43	-169.71	0.00046	35.36	-176.78	0.00039
183.85	-42.43	0.00033	176.78	-49.50	0.00042
169.71	-56.57	0.00054	162.63	-63.64	0.00072
155.56	-70.71	0.00099	148.49	-77.78	0.00138

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00197	134.35	-91.92	0.00284
130.81	-95.46	0.00340	127.28	-98.99	0.00405
125.16	-101.12	0.00447	123.74	-102.53	0.00474
122.33	-103.94	0.00500	120.92	-105.36	0.00524
119.50	-106.77	0.00544	106.77	-119.50	0.00426
105.36	-120.92	0.00397	103.94	-122.33	0.00369
102.53	-123.74	0.00342	101.12	-125.16	0.00318
98.99	-127.28	0.00284	95.46	-130.81	0.00237
91.92	-134.35	0.00199	84.85	-141.42	0.00144
77.78	-148.49	0.00107	70.71	-155.56	0.00083
63.64	-162.63	0.00066	56.57	-169.71	0.00054
49.50	-176.78	0.00045	42.43	-183.85	0.00039
190.92	-49.50	0.00035	183.85	-56.57	0.00045
176.78	-63.64	0.00058	169.71	-70.71	0.00076
162.63	-77.78	0.00103	155.56	-84.85	0.00142
148.49	-91.92	0.00196	141.42	-98.99	0.00271
137.89	-102.53	0.00316	134.35	-106.07	0.00362
132.23	-108.19	0.00389	130.81	-109.60	0.00405
129.40	-111.02	0.00420	127.99	-112.43	0.00432
126.57	-113.84	0.00443	113.84	-126.57	0.00365
112.43	-127.99	0.00346	111.02	-129.40	0.00327
109.60	-130.81	0.00308	108.19	-132.23	0.00290

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00264	102.53	-137.89	0.00225
98.99	-141.42	0.00192	91.92	-148.49	0.00142
84.85	-155.56	0.00107	77.78	-162.63	0.00083
70.71	-169.71	0.00066	63.64	-176.78	0.00054
56.57	-183.85	0.00045	49.50	-190.92	0.00038
197.99	-56.57	0.00037	190.92	-63.64	0.00047
183.85	-70.71	0.00061	176.78	-77.78	0.00079
169.71	-84.85	0.00106	162.63	-91.92	0.00142
155.56	-98.99	0.00191	148.49	-106.07	0.00251
144.96	-109.60	0.00284	141.42	-113.14	0.00315
139.30	-115.26	0.00331	137.89	-116.67	0.00341
136.47	-118.09	0.00350	135.06	-119.50	0.00357

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00363	120.92	-133.64	0.00310
119.50	-135.06	0.00297	118.09	-136.47	0.00284
116.67	-137.89	0.00271	115.26	-139.30	0.00258
113.14	-141.42	0.00239	109.60	-144.96	0.00209
106.07	-148.49	0.00182	98.99	-155.56	0.00137
91.92	-162.63	0.00105	84.85	-169.71	0.00082
77.78	-176.78	0.00065	70.71	-183.85	0.00053
63.64	-190.92	0.00044	56.57	-197.99	0.00037
205.06	-63.64	0.00039	197.99	-70.71	0.00049
190.92	-77.78	0.00063	183.85	-84.85	0.00081
176.78	-91.92	0.00106	169.71	-98.99	0.00139
162.63	-106.07	0.00181	155.56	-113.14	0.00228
152.03	-116.67	0.00251	148.49	-120.21	0.00271
146.37	-122.33	0.00282	144.96	-123.74	0.00288
143.54	-125.16	0.00294	142.13	-126.57	0.00298
140.71	-127.99	0.00302	127.99	-140.71	0.00263
126.57	-142.13	0.00254	125.16	-143.54	0.00245
123.74	-144.96	0.00236	122.33	-146.37	0.00227
120.21	-148.49	0.00213	116.67	-152.03	0.00190
113.14	-155.56	0.00169	106.07	-162.63	0.00131
98.99	-169.71	0.00102	91.92	-176.78	0.00081
84.85	-183.85	0.00065	77.78	-190.92	0.00053
70.71	-197.99	0.00044	63.64	-205.06	0.00037
212.13	-70.71	0.00041	205.06	-77.78	0.00051
197.99	-84.85	0.00064	190.92	-91.92	0.00082
183.85	-98.99	0.00105	176.78	-106.07	0.00135
169.71	-113.14	0.00169	162.63	-120.21	0.00204
159.10	-123.74	0.00219	155.56	-127.28	0.00234

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00241	152.03	-130.81	0.00245
150.61	-132.23	0.00249	149.20	-133.64	0.00252
147.79	-135.06	0.00254	135.06	-147.79	0.00225
133.64	-149.20	0.00219	132.23	-150.61	0.00212
130.81	-152.03	0.00205	129.40	-153.44	0.00199
127.28	-155.56	0.00188	123.74	-159.10	0.00171

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00155	113.14	-169.71	0.00124
106.07	-176.78	0.00099	98.99	-183.85	0.00079
91.92	-190.92	0.00064	84.85	-197.99	0.00052
77.78	-205.06	0.00044	70.71	-212.13	0.00037
219.20	-77.78	0.00042	212.13	-84.85	0.00052
205.06	-91.92	0.00065	197.99	-98.99	0.00082
190.92	-106.07	0.00103	183.85	-113.14	0.00128
176.78	-120.21	0.00155	169.71	-127.28	0.00181
166.17	-130.81	0.00192	162.63	-134.35	0.00202
160.51	-136.47	0.00208	159.10	-137.89	0.00211
157.68	-139.30	0.00213	156.27	-140.71	0.00215
154.86	-142.13	0.00216	142.13	-154.86	0.00195
140.71	-156.27	0.00190	139.30	-157.68	0.00185
137.89	-159.10	0.00180	136.47	-160.51	0.00174
134.35	-162.63	0.00167	130.81	-166.17	0.00154
127.28	-169.71	0.00141	120.21	-176.78	0.00116
113.14	-183.85	0.00094	106.07	-190.92	0.00076
98.99	-197.99	0.00062	91.92	-205.06	0.00052
84.85	-212.13	0.00043	77.78	-219.20	0.00037
226.27	-84.85	0.00043	219.20	-91.92	0.00053
212.13	-98.99	0.00065	205.06	-106.07	0.00081
197.99	-113.14	0.00100	190.92	-120.21	0.00121
183.85	-127.28	0.00142	176.78	-134.35	0.00161
173.24	-137.89	0.00169	169.71	-141.42	0.00177
167.58	-143.54	0.00180	166.17	-144.96	0.00182
164.76	-146.37	0.00184	163.34	-147.79	0.00186
161.93	-149.20	0.00186	149.20	-161.93	0.00169
147.79	-163.34	0.00166	146.37	-164.76	0.00162
144.96	-166.17	0.00158	143.54	-167.58	0.00154
141.42	-169.71	0.00148	137.89	-173.24	0.00138
134.35	-176.78	0.00128	127.28	-183.85	0.00108
120.21	-190.92	0.00089	113.14	-197.99	0.00074
106.07	-205.06	0.00061	98.99	-212.13	0.00050
91.92	-219.20	0.00042	84.85	-226.27	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00043	226.27	-98.99	0.00053
219.20	-106.07	0.00065	212.13	-113.14	0.00079
205.06	-120.21	0.00095	197.99	-127.28	0.00112
190.92	-134.35	0.00129	183.85	-141.42	0.00143
180.31	-144.96	0.00150	176.78	-148.49	0.00155
174.66	-150.61	0.00158	173.24	-152.03	0.00160
171.83	-153.44	0.00161	170.41	-154.86	0.00162
169.00	-156.27	0.00162	156.27	-169.00	0.00149
154.86	-170.41	0.00146	153.44	-171.83	0.00143
152.03	-173.24	0.00140	150.61	-174.66	0.00136
148.49	-176.78	0.00132	144.96	-180.31	0.00124
141.42	-183.85	0.00116	134.35	-190.92	0.00100
127.28	-197.99	0.00084	120.21	-205.06	0.00070
113.14	-212.13	0.00059	106.07	-219.20	0.00049
98.99	-226.27	0.00042	91.92	-233.35	0.00036
240.42	-98.99	0.00044	233.35	-106.07	0.00053
226.27	-113.14	0.00064	219.20	-120.21	0.00076
212.13	-127.28	0.00090	205.06	-134.35	0.00104
197.99	-141.42	0.00117	190.92	-148.49	0.00128
187.38	-152.03	0.00133	183.85	-155.56	0.00137
181.73	-157.68	0.00139	180.31	-159.10	0.00141
178.90	-160.51	0.00141	177.48	-161.93	0.00142
176.07	-163.34	0.00142	163.34	-176.07	0.00131
161.93	-177.48	0.00129	160.51	-178.90	0.00127
159.10	-180.31	0.00124	157.68	-181.73	0.00122
155.56	-183.85	0.00118	152.03	-187.38	0.00111
148.49	-190.92	0.00105	141.42	-197.99	0.00092
134.35	-205.06	0.00079	127.28	-212.13	0.00067
120.21	-219.20	0.00057	113.14	-226.27	0.00048
106.07	-233.35	0.00041	98.99	-240.42	0.00035
247.49	-106.07	0.00044	240.42	-113.14	0.00052
233.35	-120.21	0.00062	226.27	-127.28	0.00073
219.20	-134.35	0.00085	212.13	-141.42	0.00096
205.06	-148.49	0.00106	197.99	-155.56	0.00115
194.45	-159.10	0.00119	190.92	-162.63	0.00122
188.80	-164.76	0.00124	187.38	-166.17	0.00125
185.97	-167.58	0.00125	184.55	-169.00	0.00126
183.14	-170.41	0.00126	170.41	-183.14	0.00117
169.00	-184.55	0.00115	167.58	-185.97	0.00113
166.17	-187.38	0.00111	164.76	-188.80	0.00109

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00106	159.10	-194.45	0.00101	
155.56	-197.99	0.00095	148.49	-205.06	0.00085	
141.42	-212.13	0.00074	134.35	-219.20	0.00064	
127.28	-226.27	0.00055	120.21	-233.35	0.00047	
113.14	-240.42	0.00040	106.07	-247.49	0.00034	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00005	-113.14	240.42	0.00006	
-120.21	233.35	0.00006	-127.28	226.27	0.00007	
-134.35	219.20	0.00008	-141.42	212.13	0.00009	
-148.49	205.06	0.00010	-155.56	197.99	0.00011	
-159.10	194.45	0.00012	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00013	-169.00	184.55	0.00014	
-170.41	183.14	0.00014	-183.14	170.41	0.00015	
-184.55	169.00	0.00015	-185.97	167.58	0.00016	
-187.38	166.17	0.00016	-188.80	164.76	0.00016	
-190.92	162.63	0.00016	-194.45	159.10	0.00016	
-197.99	155.56	0.00016	-205.06	148.49	0.00016	
-212.13	141.42	0.00016	-219.20	134.35	0.00015	
-226.27	127.28	0.00015	-233.35	120.21	0.00014	
-240.42	113.14	0.00013	-247.49	106.07	0.00012	
-98.99	240.42	0.00005	-106.07	233.35	0.00006	
-113.14	226.27	0.00007	-120.21	219.20	0.00007	
-127.28	212.13	0.00008	-134.35	205.06	0.00010	
-141.42	197.99	0.00011	-148.49	190.92	0.00012	
-152.03	187.38	0.00013	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00014	-161.93	177.48	0.00015	
-163.34	176.07	0.00015	-176.07	163.34	0.00017	



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00017	-178.90	160.51	0.00017
-180.31	159.10	0.00017	-181.73	157.68	0.00017
-183.85	155.56	0.00017	-187.38	152.03	0.00017
-190.92	148.49	0.00017	-197.99	141.42	0.00017
-205.06	134.35	0.00017	-212.13	127.28	0.00016
-219.20	120.21	0.00015	-226.27	113.14	0.00015
-233.35	106.07	0.00014	-240.42	98.99	0.00013
-91.92	233.35	0.00005	-98.99	226.27	0.00006
-106.07	219.20	0.00007	-113.14	212.13	0.00008
-120.21	205.06	0.00009	-127.28	197.99	0.00010
-134.35	190.92	0.00012	-141.42	183.85	0.00013
-144.96	180.31	0.00014	-148.49	176.78	0.00015
-150.61	174.66	0.00015	-152.03	173.24	0.00015
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00018
-170.41	154.86	0.00018	-171.83	153.44	0.00018
-173.24	152.03	0.00018	-174.66	150.61	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00019	-180.31	144.96	0.00019
-183.85	141.42	0.00019	-190.92	134.35	0.00018
-197.99	127.28	0.00018	-205.06	120.21	0.00017
-212.13	113.14	0.00017	-219.20	106.07	0.00016
-226.27	99.00	0.00015	-233.35	91.92	0.00014
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-98.99	212.13	0.00007	-106.07	205.06	0.00008
-113.14	197.99	0.00009	-120.21	190.92	0.00011
-127.28	183.85	0.00012	-134.35	176.78	0.00014
-137.89	173.24	0.00015	-141.42	169.71	0.00016
-143.54	167.58	0.00016	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00017	-161.93	149.20	0.00020
-163.34	147.79	0.00020	-164.76	146.37	0.00020
-166.17	144.96	0.00020	-167.58	143.54	0.00020
-169.71	141.42	0.00020	-173.24	137.89	0.00020
-176.78	134.35	0.00020	-183.85	127.28	0.00020



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00008	-84.85	183.85	0.00009
-91.92	176.78	0.00011	-98.99	169.71	0.00013
-106.07	162.63	0.00015	-113.14	155.56	0.00017
-116.67	152.03	0.00019	-120.21	148.49	0.00020
-122.33	146.37	0.00021	-123.74	144.96	0.00021
-125.16	143.54	0.00022	-126.57	142.13	0.00022
-127.99	140.71	0.00023	-140.71	127.99	0.00026
-142.13	126.57	0.00026	-143.54	125.16	0.00027
-144.96	123.74	0.00027	-146.37	122.33	0.00027
-148.49	120.21	0.00027	-152.03	116.67	0.00027
-155.56	113.14	0.00027	-162.63	106.07	0.00026
-169.71	98.99	0.00025	-176.78	91.92	0.00023
-183.85	84.85	0.00022	-190.92	77.78	0.00020
-197.99	70.71	0.00018	-205.06	63.64	0.00017
-56.57	197.99	0.00007	-63.64	190.92	0.00007
-70.71	183.85	0.00008	-77.78	176.78	0.00010
-84.85	169.71	0.00011	-91.92	162.63	0.00013
-98.99	155.56	0.00016	-106.07	148.49	0.00019
-109.60	144.96	0.00020	-113.14	141.42	0.00022
-115.26	139.30	0.00023	-116.67	137.89	0.00023
-118.09	136.47	0.00024	-119.50	135.06	0.00025
-120.92	133.64	0.00025	-133.64	120.92	0.00029
-135.06	119.50	0.00029	-136.47	118.09	0.00030
-137.89	116.67	0.00030	-139.30	115.26	0.00030
-141.42	113.14	0.00030	-144.96	109.60	0.00030
-148.49	106.07	0.00029	-155.56	98.99	0.00028
-162.63	91.92	0.00027	-169.71	84.85	0.00025
-176.78	77.78	0.00023	-183.85	70.71	0.00021
-190.92	63.64	0.00020	-197.99	56.57	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00007	-56.57	183.85	0.00008
-63.64	176.78	0.00009	-70.71	169.71	0.00010
-77.78	162.63	0.00012	-84.85	155.56	0.00014
-91.92	148.49	0.00017	-98.99	141.42	0.00020
-102.53	137.89	0.00022	-106.07	134.35	0.00024

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00025	-109.60	130.81	0.00026
-111.02	129.40	0.00027	-112.43	127.99	0.00027
-113.84	126.57	0.00028	-126.57	113.84	0.00033
-127.99	112.43	0.00033	-129.40	111.02	0.00033
-130.81	109.60	0.00033	-132.23	108.19	0.00033
-134.35	106.07	0.00033	-137.89	102.53	0.00033
-141.42	98.99	0.00033	-148.49	91.92	0.00031
-155.56	84.85	0.00029	-162.63	77.78	0.00027
-169.71	70.71	0.00025	-176.78	63.64	0.00023
-183.85	56.57	0.00021	-190.92	49.50	0.00019
-42.43	183.85	0.00007	-49.50	176.78	0.00008
-56.57	169.71	0.00009	-63.64	162.63	0.00011
-70.71	155.56	0.00013	-77.78	148.49	0.00015
-84.85	141.42	0.00018	-91.92	134.35	0.00022
-95.46	130.81	0.00024	-98.99	127.28	0.00027
-101.12	125.16	0.00028	-102.53	123.74	0.00029
-103.94	122.33	0.00030	-105.36	120.92	0.00030
-106.77	119.50	0.00031	-119.50	106.77	0.00037
-120.92	105.36	0.00037	-122.33	103.94	0.00037
-123.74	102.53	0.00037	-125.16	101.12	0.00037
-127.28	98.99	0.00037	-130.81	95.46	0.00037
-134.35	91.92	0.00036	-141.42	84.85	0.00035
-148.49	77.78	0.00032	-155.56	70.71	0.00030
-162.63	63.64	0.00027	-169.71	56.57	0.00024
-176.78	49.50	0.00022	-183.85	42.43	0.00020
-35.36	176.78	0.00007	-42.43	169.71	0.00008
-49.50	162.63	0.00010	-56.57	155.56	0.00011
-63.64	148.49	0.00013	-70.71	141.42	0.00016
-77.78	134.35	0.00020	-84.85	127.28	0.00024
-88.39	123.74	0.00027	-91.92	120.21	0.00029
-94.05	118.09	0.00031	-95.46	116.67	0.00032
-96.87	115.26	0.00033	-98.29	113.84	0.00034
-99.70	112.43	0.00035	-112.43	99.70	0.00042
-113.84	98.29	0.00042	-115.26	96.87	0.00042
-116.67	95.46	0.00042	-118.09	94.05	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:19:20  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00042	-123.74	88.39	0.00042
-127.28	84.85	0.00041	-134.35	77.78	0.00038
-141.42	70.71	0.00035	-148.49	63.64	0.00032
-155.56	56.57	0.00029	-162.63	49.50	0.00026
-169.71	42.43	0.00024	-176.78	35.36	0.00022
-28.28	169.71	0.00008	-35.36	162.63	0.00009
-42.43	155.56	0.00010	-49.50	148.49	0.00012
-56.57	141.42	0.00014	-63.64	134.35	0.00017
-70.71	127.28	0.00021	-77.78	120.21	0.00026
-81.32	116.67	0.00029	-84.85	113.14	0.00033
-86.97	111.02	0.00035	-88.39	109.60	0.00036
-89.80	108.19	0.00037	-91.22	106.77	0.00038
-92.63	105.36	0.00040	-105.36	92.63	0.00048
-106.77	91.22	0.00048	-108.19	89.80	0.00048
-109.60	88.39	0.00048	-111.02	86.97	0.00048
-113.14	84.85	0.00048	-116.67	81.32	0.00047
-120.21	77.78	0.00046	-127.28	70.71	0.00043
-134.35	63.64	0.00039	-141.42	56.57	0.00035
-148.49	49.50	0.00031	-155.56	42.43	0.00028
-162.63	35.36	0.00026	-169.71	28.28	0.00023
-21.21	162.63	0.00008	-28.28	155.56	0.00009
-35.36	148.49	0.00011	-42.43	141.42	0.00013
-49.50	134.35	0.00015	-56.57	127.28	0.00018
-63.64	120.21	0.00023	-70.71	113.14	0.00029
-74.25	109.60	0.00032	-77.78	106.07	0.00036
-79.90	103.94	0.00039	-81.32	102.53	0.00040
-82.73	101.12	0.00042	-84.15	99.70	0.00044
-85.56	98.29	0.00045	-98.29	85.56	0.00055
-99.70	84.15	0.00055	-101.12	82.73	0.00056
-102.53	81.32	0.00056	-103.94	79.90	0.00055
-106.07	77.78	0.00055	-109.60	74.25	0.00054
-113.14	70.71	0.00052	-120.21	63.64	0.00047
-127.28	56.57	0.00042	-134.35	49.50	0.00038
-141.42	42.43	0.00034	-148.49	35.36	0.00030
-155.56	28.28	0.00028	-162.63	21.21	0.00025
-14.14	155.56	0.00008	-21.21	148.49	0.00009
-28.28	141.42	0.00011	-35.36	134.35	0.00013
-42.43	127.28	0.00016	-49.50	120.21	0.00020
-56.57	113.14	0.00024	-63.64	106.07	0.00031
-67.18	102.53	0.00036	-70.71	98.99	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00044	-74.25	95.46	0.00046
-75.66	94.05	0.00048	-77.07	92.63	0.00050
-78.49	91.22	0.00052	-91.22	78.49	0.00064
-92.63	77.07	0.00065	-94.05	75.66	0.00065
-95.46	74.25	0.00065	-96.87	72.83	0.00064
-98.99	70.71	0.00063	-102.53	67.18	0.00061
-106.07	63.64	0.00059	-113.14	56.57	0.00053
-120.21	49.50	0.00047	-127.28	42.43	0.00041
-134.35	35.36	0.00037	-141.42	28.28	0.00033
-148.49	21.21	0.00030	-155.56	14.14	0.00027
-7.07	148.49	0.00009	-14.14	141.42	0.00010
-21.21	134.35	0.00012	-28.28	127.28	0.00014
-35.36	120.21	0.00017	-42.43	113.14	0.00021
-49.50	106.07	0.00026	-56.57	98.99	0.00034
-60.10	95.46	0.00039	-63.64	91.92	0.00045
-65.76	89.80	0.00049	-67.18	88.39	0.00052
-68.59	86.97	0.00055	-70.00	85.56	0.00058
-71.42	84.15	0.00060	-84.15	71.42	0.00076
-85.56	70.00	0.00076	-86.97	68.59	0.00076
-88.39	67.18	0.00076	-89.80	65.76	0.00075
-91.92	63.64	0.00074	-95.46	60.10	0.00071
-98.99	56.57	0.00067	-106.07	49.50	0.00059
-113.14	42.43	0.00051	-120.21	35.36	0.00045
-127.28	28.28	0.00040	-134.35	21.21	0.00035
-141.42	14.14	0.00032	-148.49	7.07	0.00028
0.00	141.42	0.00009	-7.07	134.35	0.00011
-14.14	127.28	0.00012	-21.21	120.21	0.00015
-28.28	113.14	0.00018	-35.36	106.07	0.00022
-42.43	98.99	0.00028	-49.50	91.92	0.00038
-53.03	88.39	0.00044	-56.57	84.85	0.00051
-58.69	82.73	0.00056	-60.10	81.32	0.00060
-61.52	79.90	0.00063	-62.93	78.49	0.00067
-64.35	77.07	0.00071	-77.07	64.35	0.00091
-78.49	62.93	0.00091	-79.90	61.52	0.00090
-81.32	60.10	0.00090	-82.73	58.69	0.00088
-84.85	56.57	0.00086	-88.39	53.03	0.00081
-91.92	49.50	0.00076	-98.99	42.43	0.00065



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00015	0.00	98.99	0.00018
-7.07	91.92	0.00022	-14.14	84.85	0.00027
-21.21	77.78	0.00035	-28.28	70.71	0.00048
-31.82	67.18	0.00058	-35.36	63.64	0.00072
-37.48	61.52	0.00082	-38.89	60.10	0.00089
-40.31	58.69	0.00098	-41.72	57.28	0.00107
-43.13	55.86	0.00118	-55.86	43.13	0.00167
-57.28	41.72	0.00162	-58.69	40.31	0.00157
-60.10	38.89	0.00151	-61.52	37.48	0.00145

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00135	-67.18	31.82	0.00121
-70.71	28.28	0.00109	-77.78	21.21	0.00089
-84.85	14.14	0.00073	-91.92	7.07	0.00061
-98.99	0.00	0.00051	-106.07	-7.07	0.00044
-113.14	-14.14	0.00038	-120.21	-21.21	0.00033
28.28	113.14	0.00012	21.21	106.07	0.00014
14.14	98.99	0.00016	7.07	91.92	0.00020
0.00	84.85	0.00024	-7.07	77.78	0.00030
-14.14	70.71	0.00039	-21.21	63.64	0.00053
-24.75	60.10	0.00064	-28.28	56.57	0.00079
-30.41	54.45	0.00091	-31.82	53.03	0.00100
-33.23	51.62	0.00111	-34.65	50.20	0.00124
-36.06	48.79	0.00138	-48.79	36.06	0.00203
-50.20	34.65	0.00194	-51.62	33.23	0.00184
-53.03	31.82	0.00174	-54.45	30.41	0.00165
-56.57	28.28	0.00153	-60.10	24.75	0.00135
-63.64	21.21	0.00119	-70.71	14.14	0.00095
-77.78	7.07	0.00077	-84.85	0.00	0.00064
-91.92	-7.07	0.00054	-98.99	-14.14	0.00045
-106.07	-21.21	0.00039	-113.14	-28.28	0.00033
35.36	106.07	0.00013	28.28	98.99	0.00015
21.21	91.92	0.00018	14.14	84.85	0.00021
7.07	77.78	0.00026	0.00	70.71	0.00033
-7.07	63.64	0.00042	-14.14	56.57	0.00058
-17.68	53.03	0.00071	-21.21	49.50	0.00087



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00101	-24.75	45.96	0.00111
-26.16	44.55	0.00124	-27.58	43.13	0.00139
-28.99	41.72	0.00158	-41.72	28.99	0.00238
-43.13	27.58	0.00222	-44.55	26.16	0.00206
-45.96	24.75	0.00193	-47.38	23.33	0.00181
-49.50	21.21	0.00165	-53.03	17.68	0.00144
-56.57	14.14	0.00126	-63.64	7.07	0.00100
-70.71	0.00	0.00081	-77.78	-7.07	0.00066
-84.85	-14.14	0.00055	-91.92	-21.21	0.00047
-98.99	-28.28	0.00039	-106.07	-35.36	0.00034
42.43	98.99	0.00014	35.36	91.92	0.00016
28.28	84.85	0.00019	21.21	77.78	0.00023
14.14	70.71	0.00028	7.07	63.64	0.00036
0.00	56.57	0.00047	-7.07	49.50	0.00066
-10.61	45.96	0.00080	-14.14	42.43	0.00099

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00115	-17.68	38.89	0.00127
-19.09	37.48	0.00142	-20.51	36.06	0.00162
-21.92	34.65	0.00188	-34.65	21.92	0.00266
-36.06	20.51	0.00243	-37.48	19.09	0.00223
-38.89	17.68	0.00207	-40.31	16.26	0.00193
-42.43	14.14	0.00175	-45.96	10.61	0.00151
-49.50	7.07	0.00132	-56.57	0.00	0.00103
-63.64	-7.07	0.00083	-70.71	-14.14	0.00068
-77.78	-21.21	0.00057	-84.85	-28.28	0.00047
-91.92	-35.36	0.00040	-98.99	-42.43	0.00034
49.50	91.92	0.00015	42.43	84.85	0.00018
35.36	77.78	0.00021	28.28	70.71	0.00026
21.21	63.64	0.00032	14.14	56.57	0.00041
7.07	49.50	0.00054	0.00	42.43	0.00077
-3.54	38.89	0.00096	-7.07	35.36	0.00124
-9.19	33.23	0.00148	-10.61	31.82	0.00170
-12.02	30.41	0.00198	-13.44	28.99	0.00236
-14.85	27.58	0.00290	-27.58	14.85	0.00314
-28.99	13.44	0.00275	-30.41	12.02	0.00247

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00226	-33.23	9.19	0.00208
-35.36	7.07	0.00187	-38.89	3.54	0.00160
-42.43	0.00	0.00139	-49.50	-7.07	0.00108
-56.57	-14.14	0.00087	-63.64	-21.21	0.00071
-70.71	-28.28	0.00058	-77.78	-35.36	0.00048
-84.85	-42.43	0.00040	-91.92	-49.50	0.00034
56.57	84.85	0.00017	49.50	77.78	0.00020
42.43	70.71	0.00024	35.36	63.64	0.00029
28.28	56.57	0.00036	21.21	49.50	0.00047
14.14	42.43	0.00064	7.07	35.36	0.00096
3.54	31.82	0.00124	0.00	28.28	0.00168
-2.12	26.16	0.00208	-3.54	24.75	0.00243
-4.95	23.33	0.00288	-6.36	21.92	0.00345
-7.78	20.51	0.00419	-20.51	7.78	0.00378
-21.92	6.36	0.00325	-23.33	4.95	0.00285
-24.75	3.54	0.00255	-26.16	2.12	0.00231
-28.28	0.00	0.00203	-31.82	-3.54	0.00169
-35.36	-7.07	0.00146	-42.43	-14.14	0.00113
-49.50	-21.21	0.00090	-56.57	-28.28	0.00073
-63.64	-35.36	0.00059	-70.71	-42.43	0.00049
-77.78	-49.50	0.00041	-84.85	-56.57	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00018	56.57	70.71	0.00021
49.50	63.64	0.00026	42.43	56.57	0.00032
35.36	49.50	0.00041	28.28	42.43	0.00055
21.21	35.36	0.00078	14.14	28.28	0.00122
10.61	24.75	0.00161	7.07	21.21	0.00223
4.95	19.09	0.00277	3.54	17.68	0.00322
2.12	16.26	0.00378	0.71	14.85	0.00445
-0.71	13.44	0.00527	-13.44	0.71	0.00440
-14.85	-0.71	0.00376	-16.26	-2.12	0.00328
-17.68	-3.54	0.00289	-19.09	-4.95	0.00259
-21.21	-7.07	0.00224	-24.75	-10.61	0.00182
-28.28	-14.14	0.00154	-35.36	-21.21	0.00117
-42.43	-28.28	0.00092	-49.50	-35.36	0.00074

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00061	-63.64	-49.50	0.00050
-70.71	-56.57	0.00042	-77.78	-63.64	0.00036
70.71	70.71	0.00019	63.64	63.64	0.00023
56.57	56.57	0.00029	49.50	49.50	0.00036
42.43	42.43	0.00047	35.36	35.36	0.00065
28.28	28.28	0.00094	21.21	21.21	0.00152
17.68	17.68	0.00203	14.14	14.14	0.00279
12.02	12.02	0.00341	10.61	10.61	0.00392
9.19	9.19	0.00452	7.78	7.78	0.00523
6.36	6.36	0.00609	-6.36	-6.36	0.00489
-7.78	-7.78	0.00419	-9.19	-9.19	0.00364
-10.61	-10.61	0.00321	-12.02	-12.02	0.00286
-14.14	-14.14	0.00245	-17.68	-17.68	0.00196
-21.21	-21.21	0.00163	-28.28	-28.28	0.00121
-35.36	-35.36	0.00094	-42.43	-42.43	0.00075
-49.50	-49.50	0.00061	-56.57	-56.57	0.00051
-63.64	-63.64	0.00043	-70.71	-70.71	0.00037
77.78	63.64	0.00021	70.71	56.57	0.00025
63.64	49.50	0.00031	56.57	42.43	0.00041
49.50	35.36	0.00054	42.43	28.28	0.00076
35.36	21.21	0.00113	28.28	14.14	0.00184
24.75	10.61	0.00243	21.21	7.07	0.00328
19.09	4.95	0.00395	17.68	3.54	0.00447
16.26	2.12	0.00509	14.85	0.71	0.00581
13.44	-0.71	0.00666	0.71	-13.44	0.00520
-0.71	-14.85	0.00447	-2.12	-16.26	0.00390
-3.54	-17.68	0.00344	-4.95	-19.09	0.00307

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00262	-10.61	-24.75	0.00209
-14.14	-28.28	0.00172	-21.21	-35.36	0.00125
-28.28	-42.43	0.00096	-35.36	-49.50	0.00076
-42.43	-56.57	0.00062	-49.50	-63.64	0.00052
-56.57	-70.71	0.00044	-63.64	-77.78	0.00037
84.85	56.57	0.00023	77.78	49.50	0.00028
70.71	42.43	0.00035	63.64	35.36	0.00046

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00062	49.50	21.21	0.00088
42.43	14.14	0.00133	35.36	7.07	0.00215
31.82	3.54	0.00279	28.28	0.00	0.00368
26.16	-2.12	0.00436	24.75	-3.54	0.00490
23.33	-4.95	0.00551	21.92	-6.36	0.00621
20.51	-7.78	0.00705	7.78	-20.51	0.00535
6.36	-21.92	0.00460	4.95	-23.33	0.00404
3.54	-24.75	0.00358	2.12	-26.16	0.00320
0.00	-28.28	0.00274	-3.54	-31.82	0.00218
-7.07	-35.36	0.00179	-14.14	-42.43	0.00129
-21.21	-49.50	0.00098	-28.28	-56.57	0.00078
-35.36	-63.64	0.00063	-42.43	-70.71	0.00052
-49.50	-77.78	0.00044	-56.57	-84.85	0.00038
91.92	49.50	0.00025	84.85	42.43	0.00031
77.78	35.36	0.00039	70.71	28.28	0.00051
63.64	21.21	0.00070	56.57	14.14	0.00100
49.50	7.07	0.00151	42.43	0.00	0.00241
38.89	-3.54	0.00310	35.36	-7.07	0.00400
33.23	-9.19	0.00468	31.82	-10.61	0.00521
30.41	-12.02	0.00580	28.99	-13.44	0.00649
27.58	-14.85	0.00730	14.85	-27.58	0.00535
13.44	-28.99	0.00463	12.02	-30.41	0.00408
10.61	-31.82	0.00364	9.19	-33.23	0.00327
7.07	-35.36	0.00282	3.54	-38.89	0.00226
0.00	-42.43	0.00186	-7.07	-49.50	0.00134
-14.14	-56.57	0.00101	-21.21	-63.64	0.00080
-28.28	-70.71	0.00064	-35.36	-77.78	0.00053
-42.43	-84.85	0.00045	-49.50	-91.92	0.00038
98.99	42.43	0.00027	91.92	35.36	0.00034
84.85	28.28	0.00043	77.78	21.21	0.00057
70.71	14.14	0.00078	63.64	7.07	0.00112
56.57	0.00	0.00168	49.50	-7.07	0.00263
45.96	-10.61	0.00333	42.43	-14.14	0.00423

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00491	38.89	-17.68	0.00543

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00601	36.06	-20.51	0.00669
34.65	-21.92	0.00745	21.92	-34.65	0.00528
20.51	-36.06	0.00462	19.09	-37.48	0.00410
17.68	-38.89	0.00369	16.26	-40.31	0.00334
14.14	-42.43	0.00290	10.61	-45.96	0.00235
7.07	-49.50	0.00194	0.00	-56.57	0.00138
-7.07	-63.64	0.00104	-14.14	-70.71	0.00082
-21.21	-77.78	0.00066	-28.28	-84.85	0.00054
-35.36	-91.92	0.00045	-42.43	-98.99	0.00038
106.07	35.36	0.00029	98.99	28.28	0.00037
91.92	21.21	0.00047	84.85	14.14	0.00062
77.78	7.07	0.00086	70.71	0.00	0.00123
63.64	-7.07	0.00182	56.57	-14.14	0.00279
53.03	-17.68	0.00348	49.50	-21.21	0.00437
47.38	-23.33	0.00503	45.96	-24.75	0.00554
44.55	-26.16	0.00610	43.13	-27.58	0.00673
41.72	-28.99	0.00743	28.99	-41.72	0.00520
27.58	-43.13	0.00461	26.16	-44.55	0.00412
24.75	-45.96	0.00372	23.33	-47.38	0.00338
21.21	-49.50	0.00296	17.68	-53.03	0.00241
14.14	-56.57	0.00199	7.07	-63.64	0.00143
0.00	-70.71	0.00107	-7.07	-77.78	0.00083
-14.14	-84.85	0.00067	-21.21	-91.92	0.00055
-28.28	-98.99	0.00046	-35.36	-106.07	0.00039
113.14	28.28	0.00031	106.07	21.21	0.00039
98.99	14.14	0.00051	91.92	7.07	0.00068
84.85	0.00	0.00093	77.78	-7.07	0.00132
70.71	-14.14	0.00192	63.64	-21.21	0.00287
60.10	-24.75	0.00352	56.57	-28.28	0.00433
54.45	-30.41	0.00490	53.03	-31.82	0.00532
51.62	-33.23	0.00575	50.20	-34.65	0.00619
48.79	-36.06	0.00659	36.06	-48.79	0.00484
34.65	-50.20	0.00440	33.23	-51.62	0.00401
31.82	-53.03	0.00366	30.41	-54.45	0.00335
28.28	-56.57	0.00294	24.75	-60.10	0.00242
21.21	-63.64	0.00200	14.14	-70.71	0.00144
7.07	-77.78	0.00108	0.00	-84.85	0.00084
-7.07	-91.92	0.00067	-14.14	-98.99	0.00055
-21.21	-106.07	0.00046	-28.28	-113.14	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00033	113.14	14.14	0.00042
106.07	7.07	0.00054	98.99	0.00	0.00072
91.92	-7.07	0.00099	84.85	-14.14	0.00138
77.78	-21.21	0.00197	70.71	-28.28	0.00284
67.18	-31.82	0.00340	63.64	-35.36	0.00405
61.52	-37.48	0.00447	60.10	-38.89	0.00474
58.69	-40.31	0.00500	57.28	-41.72	0.00524
55.86	-43.13	0.00544	43.13	-55.86	0.00426
41.72	-57.28	0.00397	40.31	-58.69	0.00369
38.89	-60.10	0.00342	37.48	-61.52	0.00318
35.36	-63.64	0.00284	31.82	-67.18	0.00237
28.28	-70.71	0.00199	21.21	-77.78	0.00144
14.14	-84.85	0.00107	7.07	-91.92	0.00083
0.00	-98.99	0.00066	-7.07	-106.07	0.00054
-14.14	-113.14	0.00045	-21.21	-120.21	0.00039
127.28	14.14	0.00035	120.21	7.07	0.00045
113.14	0.00	0.00058	106.07	-7.07	0.00076
98.99	-14.14	0.00103	91.92	-21.21	0.00142
84.85	-28.28	0.00196	77.78	-35.36	0.00271
74.25	-38.89	0.00316	70.71	-42.43	0.00362
68.59	-44.55	0.00389	67.18	-45.96	0.00405
65.76	-47.38	0.00420	64.35	-48.79	0.00432
62.93	-50.20	0.00443	50.20	-62.93	0.00365
48.79	-64.35	0.00346	47.38	-65.76	0.00327
45.96	-67.18	0.00308	44.55	-68.59	0.00290
42.43	-70.71	0.00264	38.89	-74.25	0.00225
35.36	-77.78	0.00192	28.28	-84.85	0.00142
21.21	-91.92	0.00107	14.14	-98.99	0.00083
7.07	-106.07	0.00066	0.00	-113.14	0.00054
-7.07	-120.21	0.00045	-14.14	-127.28	0.00038
134.35	7.07	0.00037	127.28	0.00	0.00047
120.21	-7.07	0.00061	113.14	-14.14	0.00079
106.07	-21.21	0.00106	98.99	-28.28	0.00142
91.92	-35.36	0.00191	84.85	-42.43	0.00251
81.32	-45.96	0.00284	77.78	-49.50	0.00315
75.66	-51.62	0.00331	74.25	-53.03	0.00341
72.83	-54.45	0.00350	71.42	-55.86	0.00357
70.00	-57.28	0.00363	57.28	-70.00	0.00310
55.86	-71.42	0.00297	54.45	-72.83	0.00284

53.03 -74.25 0.00271 51.62 -75.66 0.00258

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00239	45.96	-81.32	0.00209
42.43	-84.85	0.00182	35.36	-91.92	0.00137
28.28	-98.99	0.00105	21.21	-106.07	0.00082
14.14	-113.14	0.00065	7.07	-120.21	0.00053
0.00	-127.28	0.00044	-7.07	-134.35	0.00037
141.42	0.00	0.00039	134.35	-7.07	0.00049
127.28	-14.14	0.00063	120.21	-21.21	0.00081
113.14	-28.28	0.00106	106.07	-35.36	0.00139
98.99	-42.43	0.00181	91.92	-49.50	0.00228
88.39	-53.03	0.00251	84.85	-56.57	0.00271
82.73	-58.69	0.00282	81.32	-60.10	0.00288
79.90	-61.52	0.00294	78.49	-62.93	0.00298
77.07	-64.35	0.00302	64.35	-77.07	0.00263
62.93	-78.49	0.00254	61.52	-79.90	0.00245
60.10	-81.32	0.00236	58.69	-82.73	0.00227
56.57	-84.85	0.00213	53.03	-88.39	0.00190
49.50	-91.92	0.00169	42.43	-98.99	0.00131
35.36	-106.07	0.00102	28.28	-113.14	0.00081
21.21	-120.21	0.00065	14.14	-127.28	0.00053
7.07	-134.35	0.00044	0.00	-141.42	0.00037
148.49	-7.07	0.00041	141.42	-14.14	0.00051
134.35	-21.21	0.00064	127.28	-28.28	0.00082
120.21	-35.36	0.00105	113.14	-42.43	0.00135
106.07	-49.50	0.00169	98.99	-56.57	0.00204
95.46	-60.10	0.00219	91.92	-63.64	0.00234
89.80	-65.76	0.00241	88.39	-67.18	0.00245
86.97	-68.59	0.00249	85.56	-70.00	0.00252
84.15	-71.42	0.00254	71.42	-84.15	0.00225
70.00	-85.56	0.00219	68.59	-86.97	0.00212
67.18	-88.39	0.00205	65.76	-89.80	0.00199
63.64	-91.92	0.00188	60.10	-95.46	0.00171
56.57	-98.99	0.00155	49.50	-106.07	0.00124
42.43	-113.14	0.00099	35.36	-120.21	0.00079

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00064	21.21	-134.35	0.00052
14.14	-141.42	0.00044	7.07	-148.49	0.00037
155.56	-14.14	0.00042	148.49	-21.21	0.00052
141.42	-28.28	0.00065	134.35	-35.36	0.00082
127.28	-42.43	0.00103	120.21	-49.50	0.00128
113.14	-56.57	0.00155	106.07	-63.64	0.00181
102.53	-67.18	0.00192	98.99	-70.71	0.00202

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00208	95.46	-74.25	0.00211
94.05	-75.66	0.00213	92.63	-77.07	0.00215
91.22	-78.49	0.00216	78.49	-91.22	0.00195
77.07	-92.63	0.00190	75.66	-94.05	0.00185
74.25	-95.46	0.00180	72.83	-96.87	0.00174
70.71	-98.99	0.00167	67.18	-102.53	0.00154
63.64	-106.07	0.00141	56.57	-113.14	0.00116
49.50	-120.21	0.00094	42.43	-127.28	0.00076
35.36	-134.35	0.00062	28.28	-141.42	0.00052
21.21	-148.49	0.00043	14.14	-155.56	0.00037
162.63	-21.21	0.00043	155.56	-28.28	0.00053
148.49	-35.36	0.00065	141.42	-42.43	0.00081
134.35	-49.50	0.00100	127.28	-56.57	0.00121
120.21	-63.64	0.00142	113.14	-70.71	0.00161
109.60	-74.25	0.00169	106.07	-77.78	0.00177
103.94	-79.90	0.00180	102.53	-81.32	0.00182
101.12	-82.73	0.00184	99.70	-84.15	0.00186
98.29	-85.56	0.00186	85.56	-98.29	0.00169
84.15	-99.70	0.00166	82.73	-101.12	0.00162
81.32	-102.53	0.00158	79.90	-103.94	0.00154
77.78	-106.07	0.00148	74.25	-109.60	0.00138
70.71	-113.14	0.00128	63.64	-120.21	0.00108
56.57	-127.28	0.00089	49.50	-134.35	0.00074
42.43	-141.42	0.00061	35.36	-148.49	0.00050
28.28	-155.56	0.00042	21.21	-162.63	0.00036
169.71	-28.28	0.00043	162.63	-35.36	0.00053
155.56	-42.43	0.00065	148.49	-49.50	0.00079



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00095	134.35	-63.64	0.00112
127.28	-70.71	0.00129	120.21	-77.78	0.00143
116.67	-81.32	0.00150	113.14	-84.85	0.00155
111.02	-86.97	0.00158	109.60	-88.39	0.00160
108.19	-89.80	0.00161	106.77	-91.22	0.00162
105.36	-92.63	0.00162	92.63	-105.36	0.00149
91.22	-106.77	0.00146	89.80	-108.19	0.00143
88.39	-109.60	0.00140	86.97	-111.02	0.00136
84.85	-113.14	0.00132	81.32	-116.67	0.00124
77.78	-120.21	0.00116	70.71	-127.28	0.00100
63.64	-134.35	0.00084	56.57	-141.42	0.00070
49.50	-148.49	0.00059	42.43	-155.56	0.00049
35.36	-162.63	0.00042	28.28	-169.71	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:  
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00044	169.71	-42.43	0.00053
162.63	-49.50	0.00064	155.56	-56.57	0.00076
148.49	-63.64	0.00090	141.42	-70.71	0.00104
134.35	-77.78	0.00117	127.28	-84.85	0.00128
123.74	-88.39	0.00133	120.21	-91.92	0.00137
118.09	-94.05	0.00139	116.67	-95.46	0.00141
115.26	-96.87	0.00141	113.84	-98.29	0.00142
112.43	-99.70	0.00142	99.70	-112.43	0.00131
98.29	-113.84	0.00129	96.87	-115.26	0.00127
95.46	-116.67	0.00124	94.05	-118.09	0.00122
91.92	-120.21	0.00118	88.39	-123.74	0.00111
84.85	-127.28	0.00105	77.78	-134.35	0.00092
70.71	-141.42	0.00079	63.64	-148.49	0.00067
56.57	-155.56	0.00057	49.50	-162.63	0.00048
42.43	-169.71	0.00041	35.36	-176.78	0.00035
183.85	-42.43	0.00044	176.78	-49.50	0.00052
169.71	-56.57	0.00062	162.63	-63.64	0.00073
155.56	-70.71	0.00085	148.49	-77.78	0.00096
141.42	-84.85	0.00106	134.35	-91.92	0.00115
130.81	-95.46	0.00119	127.28	-98.99	0.00122
125.16	-101.12	0.00124	123.74	-102.53	0.00125

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00125	120.92	-105.36	0.00126
119.50	-106.77	0.00126	106.77	-119.50	0.00117
105.36	-120.92	0.00115	103.94	-122.33	0.00113
102.53	-123.74	0.00111	101.12	-125.16	0.00109
98.99	-127.28	0.00106	95.46	-130.81	0.00101
91.92	-134.35	0.00095	84.85	-141.42	0.00085
77.78	-148.49	0.00074	70.71	-155.56	0.00064
63.64	-162.63	0.00055	56.57	-169.71	0.00047
49.50	-176.78	0.00040	42.43	-183.85	0.00034
190.92	-49.50	0.00044	183.85	-56.57	0.00052
176.78	-63.64	0.00061	169.71	-70.71	0.00070
162.63	-77.78	0.00080	155.56	-84.85	0.00089
148.49	-91.92	0.00097	141.42	-98.99	0.00104
137.89	-102.53	0.00107	134.35	-106.07	0.00110
132.23	-108.19	0.00111	130.81	-109.60	0.00111
129.40	-111.02	0.00112	127.99	-112.43	0.00112
126.57	-113.84	0.00112	113.84	-126.57	0.00105
112.43	-127.99	0.00103	111.02	-129.40	0.00102
109.60	-130.81	0.00100	108.19	-132.23	0.00098

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00096	102.53	-137.89	0.00091
98.99	-141.42	0.00087	91.92	-148.49	0.00078
84.85	-155.56	0.00069	77.78	-162.63	0.00061
70.71	-169.71	0.00052	63.64	-176.78	0.00045
56.57	-183.85	0.00039	49.50	-190.92	0.00034
197.99	-56.57	0.00043	190.92	-63.64	0.00050
183.85	-70.71	0.00058	176.78	-77.78	0.00066
169.71	-84.85	0.00074	162.63	-91.92	0.00082
155.56	-98.99	0.00088	148.49	-106.07	0.00094
144.96	-109.60	0.00097	141.42	-113.14	0.00099
139.30	-115.26	0.00100	137.89	-116.67	0.00100
136.47	-118.09	0.00100	135.06	-119.50	0.00101
133.64	-120.92	0.00101	120.92	-133.64	0.00094
119.50	-135.06	0.00093	118.09	-136.47	0.00092
116.67	-137.89	0.00090	115.26	-139.30	0.00089

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00087	109.60	-144.96	0.00083
106.07	-148.49	0.00080	98.99	-155.56	0.00072
91.92	-162.63	0.00065	84.85	-169.71	0.00057
77.78	-176.78	0.00050	70.71	-183.85	0.00044
63.64	-190.92	0.00038	56.57	-197.99	0.00033
205.06	-63.64	0.00043	197.99	-70.71	0.00049
190.92	-77.78	0.00056	183.85	-84.85	0.00063
176.78	-91.92	0.00069	169.71	-98.99	0.00075
162.63	-106.07	0.00081	155.56	-113.14	0.00086
152.03	-116.67	0.00088	148.49	-120.21	0.00089
146.37	-122.33	0.00090	144.96	-123.74	0.00090
143.54	-125.16	0.00091	142.13	-126.57	0.00091
140.71	-127.99	0.00091	127.99	-140.71	0.00085
126.57	-142.13	0.00084	125.16	-143.54	0.00083
123.74	-144.96	0.00082	122.33	-146.37	0.00081
120.21	-148.49	0.00079	116.67	-152.03	0.00076
113.14	-155.56	0.00073	106.07	-162.63	0.00067
98.99	-169.71	0.00060	91.92	-176.78	0.00054
84.85	-183.85	0.00048	77.78	-190.92	0.00042
70.71	-197.99	0.00037	63.64	-205.06	0.00032
212.13	-70.71	0.00042	205.06	-77.78	0.00047
197.99	-84.85	0.00053	190.92	-91.92	0.00059
183.85	-98.99	0.00065	176.78	-106.07	0.00070
169.71	-113.14	0.00074	162.63	-120.21	0.00078
159.10	-123.74	0.00080	155.56	-127.28	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):      NCRA\_S3 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00082	152.03	-130.81	0.00082
150.61	-132.23	0.00082	149.20	-133.64	0.00082
147.79	-135.06	0.00082	135.06	-147.79	0.00078
133.64	-149.20	0.00077	132.23	-150.61	0.00076
130.81	-152.03	0.00075	129.40	-153.44	0.00074
127.28	-155.56	0.00072	123.74	-159.10	0.00070
120.21	-162.63	0.00067	113.14	-169.71	0.00062
106.07	-176.78	0.00056	98.99	-183.85	0.00051
91.92	-190.92	0.00046	84.85	-197.99	0.00040

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00036	70.71	-212.13	0.00031
219.20	-77.78	0.00041	212.13	-84.85	0.00046
205.06	-91.92	0.00051	197.99	-98.99	0.00056
190.92	-106.07	0.00060	183.85	-113.14	0.00065
176.78	-120.21	0.00069	169.71	-127.28	0.00072
166.17	-130.81	0.00073	162.63	-134.35	0.00074
160.51	-136.47	0.00075	159.10	-137.89	0.00075
157.68	-139.30	0.00075	156.27	-140.71	0.00075
154.86	-142.13	0.00075	142.13	-154.86	0.00071
140.71	-156.27	0.00070	139.30	-157.68	0.00069
137.89	-159.10	0.00069	136.47	-160.51	0.00068
134.35	-162.63	0.00066	130.81	-166.17	0.00064
127.28	-169.71	0.00062	120.21	-176.78	0.00057
113.14	-183.85	0.00053	106.07	-190.92	0.00048
98.99	-197.99	0.00043	91.92	-205.06	0.00039
84.85	-212.13	0.00034	77.78	-219.20	0.00031
226.27	-84.85	0.00039	219.20	-91.92	0.00044
212.13	-98.99	0.00048	205.06	-106.07	0.00053
197.99	-113.14	0.00056	190.92	-120.21	0.00060
183.85	-127.28	0.00063	176.78	-134.35	0.00066
173.24	-137.89	0.00067	169.71	-141.42	0.00068
167.58	-143.54	0.00069	166.17	-144.96	0.00069
164.76	-146.37	0.00069	163.34	-147.79	0.00069
161.93	-149.20	0.00069	149.20	-161.93	0.00065
147.79	-163.34	0.00065	146.37	-164.76	0.00064
144.96	-166.17	0.00063	143.54	-167.58	0.00062
141.42	-169.71	0.00061	137.89	-173.24	0.00059
134.35	-176.78	0.00057	127.28	-183.85	0.00053
120.21	-190.92	0.00049	113.14	-197.99	0.00045
106.07	-205.06	0.00041	98.99	-212.13	0.00037
91.92	-219.20	0.00033	84.85	-226.27	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00038	226.27	-98.99	0.00042
219.20	-106.07	0.00046	212.13	-113.14	0.00049
205.06	-120.21	0.00053	197.99	-127.28	0.00056

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00059	183.85	-141.42	0.00061
180.31	-144.96	0.00062	176.78	-148.49	0.00063
174.66	-150.61	0.00063	173.24	-152.03	0.00063
171.83	-153.44	0.00063	170.41	-154.86	0.00063
169.00	-156.27	0.00063	156.27	-169.00	0.00060
154.86	-170.41	0.00059	153.44	-171.83	0.00059
152.03	-173.24	0.00058	150.61	-174.66	0.00058
148.49	-176.78	0.00057	144.96	-180.31	0.00055
141.42	-183.85	0.00053	134.35	-190.92	0.00050
127.28	-197.99	0.00046	120.21	-205.06	0.00043
113.14	-212.13	0.00039	106.07	-219.20	0.00036
98.99	-226.27	0.00032	91.92	-233.35	0.00029
240.42	-98.99	0.00037	233.35	-106.07	0.00040
226.27	-113.14	0.00044	219.20	-120.21	0.00047
212.13	-127.28	0.00049	205.06	-134.35	0.00052
197.99	-141.42	0.00055	190.92	-148.49	0.00057
187.38	-152.03	0.00057	183.85	-155.56	0.00058
181.73	-157.68	0.00058	180.31	-159.10	0.00058
178.90	-160.51	0.00058	177.48	-161.93	0.00058
176.07	-163.34	0.00058	163.34	-176.07	0.00055
161.93	-177.48	0.00055	160.51	-178.90	0.00055
159.10	-180.31	0.00054	157.68	-181.73	0.00053
155.56	-183.85	0.00053	152.03	-187.38	0.00051
148.49	-190.92	0.00050	141.42	-197.99	0.00047
134.35	-205.06	0.00043	127.28	-212.13	0.00040
120.21	-219.20	0.00037	113.14	-226.27	0.00034
106.07	-233.35	0.00031	98.99	-240.42	0.00028
247.49	-106.07	0.00035	240.42	-113.14	0.00038
233.35	-120.21	0.00041	226.27	-127.28	0.00044
219.20	-134.35	0.00046	212.13	-141.42	0.00049
205.06	-148.49	0.00051	197.99	-155.56	0.00053
194.45	-159.10	0.00053	190.92	-162.63	0.00054
188.80	-164.76	0.00054	187.38	-166.17	0.00054
185.97	-167.58	0.00054	184.55	-169.00	0.00054
183.14	-170.41	0.00054	170.41	-183.14	0.00051
169.00	-184.55	0.00051	167.58	-185.97	0.00051
166.17	-187.38	0.00050	164.76	-188.80	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00049	159.10	-194.45	0.00048
155.56	-197.99	0.00046	148.49	-205.06	0.00044
141.42	-212.13	0.00041	134.35	-219.20	0.00038
127.28	-226.27	0.00035	120.21	-233.35	0.00032
113.14	-240.42	0.00030	106.07	-247.49	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00007	-113.14	240.42	0.00008
-120.21	233.35	0.00009	-127.28	226.27	0.00011
-134.35	219.20	0.00013	-141.42	212.13	0.00015
-148.49	205.06	0.00018	-155.56	197.99	0.00022
-159.10	194.45	0.00024	-162.63	190.92	0.00027
-164.76	188.80	0.00028	-166.17	187.38	0.00029
-167.58	185.97	0.00030	-169.00	184.55	0.00030
-170.41	183.14	0.00031	-183.14	170.41	0.00037
-184.55	169.00	0.00037	-185.97	167.58	0.00037
-187.38	166.17	0.00037	-188.80	164.76	0.00037
-190.92	162.63	0.00037	-194.45	159.10	0.00037
-197.99	155.56	0.00036	-205.06	148.49	0.00035
-212.13	141.42	0.00032	-219.20	134.35	0.00030
-226.27	127.28	0.00027	-233.35	120.21	0.00024
-240.42	113.14	0.00022	-247.49	106.07	0.00020
-98.99	240.42	0.00007	-106.07	233.35	0.00008
-113.14	226.27	0.00010	-120.21	219.20	0.00011
-127.28	212.13	0.00013	-134.35	205.06	0.00016
-141.42	197.99	0.00020	-148.49	190.92	0.00024
-152.03	187.38	0.00027	-155.56	183.85	0.00029
-157.68	181.73	0.00031	-159.10	180.31	0.00032
-160.51	178.90	0.00033	-161.93	177.48	0.00034
-163.34	176.07	0.00035	-176.07	163.34	0.00042
-177.48	161.93	0.00042	-178.90	160.51	0.00042
-180.31	159.10	0.00042	-181.73	157.68	0.00042
-183.85	155.56	0.00042	-187.38	152.03	0.00042

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00041	-197.99	141.42	0.00038
-205.06	134.35	0.00035	-212.13	127.28	0.00032
-219.20	120.21	0.00029	-226.27	113.14	0.00026
-233.35	106.07	0.00024	-240.42	98.99	0.00022
-91.92	233.35	0.00008	-98.99	226.27	0.00009
-106.07	219.20	0.00010	-113.14	212.13	0.00012
-120.21	205.06	0.00014	-127.28	197.99	0.00017
-134.35	190.92	0.00021	-141.42	183.85	0.00026
-144.96	180.31	0.00029	-148.49	176.78	0.00033
-150.61	174.66	0.00035	-152.03	173.24	0.00036
-153.44	171.83	0.00037	-154.86	170.41	0.00038
-156.27	169.00	0.00040	-169.00	156.27	0.00048
-170.41	154.86	0.00048	-171.83	153.44	0.00048
-173.24	152.03	0.00048	-174.66	150.61	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00048	-180.31	144.96	0.00047
-183.85	141.42	0.00046	-190.92	134.35	0.00043
-197.99	127.28	0.00039	-205.06	120.21	0.00035
-212.13	113.14	0.00031	-219.20	106.07	0.00028
-226.27	99.00	0.00026	-233.35	91.92	0.00023
-84.85	226.27	0.00008	-91.92	219.20	0.00009
-98.99	212.13	0.00011	-106.07	205.06	0.00013
-113.14	197.99	0.00015	-120.21	190.92	0.00018
-127.28	183.85	0.00023	-134.35	176.78	0.00029
-137.89	173.24	0.00032	-141.42	169.71	0.00036
-143.54	167.58	0.00039	-144.96	166.17	0.00040
-146.37	164.76	0.00042	-147.79	163.34	0.00044
-149.20	161.93	0.00045	-161.93	149.20	0.00055
-163.34	147.79	0.00055	-164.76	146.37	0.00056
-166.17	144.96	0.00056	-167.58	143.54	0.00055
-169.71	141.42	0.00055	-173.24	137.89	0.00054
-176.78	134.35	0.00052	-183.85	127.28	0.00047
-190.92	120.21	0.00042	-197.99	113.14	0.00038
-205.06	106.07	0.00034	-212.13	99.00	0.00030
-219.20	91.92	0.00028	-226.27	84.85	0.00025

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00008	-84.85	212.13	0.00009
-91.92	205.06	0.00011	-98.99	197.99	0.00013
-106.07	190.92	0.00016	-113.14	183.85	0.00020
-120.21	176.78	0.00024	-127.28	169.71	0.00031
-130.81	166.17	0.00036	-134.35	162.63	0.00041
-136.47	160.51	0.00044	-137.89	159.10	0.00046
-139.30	157.68	0.00048	-140.71	156.27	0.00050
-142.13	154.86	0.00052	-154.86	142.13	0.00064
-156.27	140.71	0.00065	-157.68	139.30	0.00065
-159.10	137.89	0.00065	-160.51	136.47	0.00064
-162.63	134.35	0.00063	-166.17	130.81	0.00061
-169.71	127.28	0.00059	-176.78	120.21	0.00053
-183.85	113.14	0.00047	-190.92	106.07	0.00041
-197.99	99.00	0.00037	-205.06	91.92	0.00033
-212.13	84.85	0.00030	-219.20	77.78	0.00027
-70.71	212.13	0.00009	-77.78	205.06	0.00010
-84.85	197.99	0.00012	-91.92	190.92	0.00014
-98.99	183.85	0.00017	-106.07	176.78	0.00021
-113.14	169.71	0.00026	-120.21	162.63	0.00034
-123.74	159.10	0.00039	-127.28	155.56	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00049	-130.81	152.03	0.00052
-132.23	150.61	0.00055	-133.64	149.20	0.00058
-135.06	147.79	0.00060	-147.79	135.06	0.00076
-149.20	133.64	0.00076	-150.61	132.23	0.00076
-152.03	130.81	0.00076	-153.44	129.40	0.00075
-155.56	127.28	0.00074	-159.10	123.74	0.00071
-162.63	120.21	0.00067	-169.71	113.14	0.00059
-176.78	106.07	0.00051	-183.85	98.99	0.00045
-190.92	91.92	0.00040	-197.99	84.85	0.00035
-205.06	77.78	0.00032	-212.13	70.71	0.00028
-63.64	205.06	0.00009	-70.71	197.99	0.00011
-77.78	190.92	0.00012	-84.85	183.85	0.00015
-91.92	176.78	0.00018	-98.99	169.71	0.00022
-106.07	162.63	0.00028	-113.14	155.56	0.00038



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00044	-120.21	148.49	0.00051
-122.33	146.37	0.00056	-123.74	144.96	0.00060
-125.16	143.54	0.00063	-126.57	142.13	0.00067
-127.99	140.71	0.00071	-140.71	127.99	0.00091
-142.13	126.57	0.00091	-143.54	125.16	0.00090
-144.96	123.74	0.00090	-146.37	122.33	0.00088
-148.49	120.21	0.00086	-152.03	116.67	0.00081
-155.56	113.14	0.00076	-162.63	106.07	0.00065
-169.71	98.99	0.00056	-176.78	91.92	0.00049
-183.85	84.85	0.00043	-190.92	77.78	0.00038
-197.99	70.71	0.00033	-205.06	63.64	0.00029
-56.57	197.99	0.00010	-63.64	190.92	0.00011
-70.71	183.85	0.00013	-77.78	176.78	0.00016
-84.85	169.71	0.00019	-91.92	162.63	0.00023
-98.99	155.56	0.00031	-106.07	148.49	0.00041
-109.60	144.96	0.00048	-113.14	141.42	0.00057
-115.26	139.30	0.00064	-116.67	137.89	0.00068
-118.09	136.47	0.00073	-119.50	135.06	0.00078
-120.92	133.64	0.00083	-133.64	120.92	0.00110
-135.06	119.50	0.00110	-136.47	118.09	0.00109
-137.89	116.67	0.00107	-139.30	115.26	0.00105
-141.42	113.14	0.00101	-144.96	109.60	0.00094
-148.49	106.07	0.00086	-155.56	98.99	0.00073
-162.63	91.92	0.00062	-169.71	84.85	0.00054
-176.78	77.78	0.00046	-183.85	70.71	0.00040
-190.92	63.64	0.00035	-197.99	56.57	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00011	-56.57	183.85	0.00012
-63.64	176.78	0.00014	-70.71	169.71	0.00017
-77.78	162.63	0.00020	-84.85	155.56	0.00025
-91.92	148.49	0.00033	-98.99	141.42	0.00045
-102.53	137.89	0.00053	-106.07	134.35	0.00064
-108.19	132.23	0.00072	-109.60	130.81	0.00078
-111.02	129.40	0.00085	-112.43	127.99	0.00092
-113.84	126.57	0.00099	-126.57	113.84	0.00135

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00134	-129.40	111.02	0.00131
-130.81	109.60	0.00127	-132.23	108.19	0.00124
-134.35	106.07	0.00117	-137.89	102.53	0.00107
-141.42	98.99	0.00097	-148.49	91.92	0.00081
-155.56	84.85	0.00068	-162.63	77.78	0.00058
-169.71	70.71	0.00049	-176.78	63.64	0.00042
-183.85	56.57	0.00036	-190.92	49.50	0.00032
-42.43	183.85	0.00011	-49.50	176.78	0.00013
-56.57	169.71	0.00015	-63.64	162.63	0.00018
-70.71	155.56	0.00022	-77.78	148.49	0.00027
-84.85	141.42	0.00035	-91.92	134.35	0.00048
-95.46	130.81	0.00058	-98.99	127.28	0.00072
-101.12	125.16	0.00082	-102.53	123.74	0.00089
-103.94	122.33	0.00098	-105.36	120.92	0.00107
-106.77	119.50	0.00118	-119.50	106.77	0.00167
-120.92	105.36	0.00162	-122.33	103.94	0.00157
-123.74	102.53	0.00151	-125.16	101.12	0.00145
-127.28	98.99	0.00135	-130.81	95.46	0.00121
-134.35	91.92	0.00109	-141.42	84.85	0.00089
-148.49	77.78	0.00073	-155.56	70.71	0.00061
-162.63	63.64	0.00051	-169.71	56.57	0.00044
-176.78	49.50	0.00038	-183.85	42.43	0.00033
-35.36	176.78	0.00012	-42.43	169.71	0.00014
-49.50	162.63	0.00016	-56.57	155.56	0.00020
-63.64	148.49	0.00024	-70.71	141.42	0.00030
-77.78	134.35	0.00039	-84.85	127.28	0.00053
-88.39	123.74	0.00064	-91.92	120.21	0.00079
-94.05	118.09	0.00091	-95.46	116.67	0.00100
-96.87	115.26	0.00111	-98.29	113.84	0.00124
-99.70	112.43	0.00138	-112.43	99.70	0.00203
-113.84	98.29	0.00194	-115.26	96.87	0.00184
-116.67	95.46	0.00174	-118.09	94.05	0.00165

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00153	-123.74	88.39	0.00135
-127.28	84.85	0.00119	-134.35	77.78	0.00095

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00077	-148.49	63.64	0.00064
-155.56	56.57	0.00054	-162.63	49.50	0.00045
-169.71	42.43	0.00039	-176.78	35.36	0.00033
-28.28	169.71	0.00013	-35.36	162.63	0.00015
-42.43	155.56	0.00018	-49.50	148.49	0.00021
-56.57	141.42	0.00026	-63.64	134.35	0.00033
-70.71	127.28	0.00042	-77.78	120.21	0.00058
-81.32	116.67	0.00071	-84.85	113.14	0.00087
-86.97	111.02	0.00101	-88.39	109.60	0.00111
-89.80	108.19	0.00124	-91.22	106.77	0.00139
-92.63	105.36	0.00158	-105.36	92.63	0.00238
-106.77	91.22	0.00222	-108.19	89.80	0.00206
-109.60	88.39	0.00193	-111.02	86.97	0.00181
-113.14	84.85	0.00165	-116.67	81.32	0.00144
-120.21	77.78	0.00126	-127.28	70.71	0.00100
-134.35	63.64	0.00081	-141.42	56.57	0.00066
-148.49	49.50	0.00055	-155.56	42.43	0.00047
-162.63	35.36	0.00039	-169.71	28.28	0.00034
-21.21	162.63	0.00014	-28.28	155.56	0.00016
-35.36	148.49	0.00019	-42.43	141.42	0.00023
-49.50	134.35	0.00028	-56.57	127.28	0.00036
-63.64	120.21	0.00047	-70.71	113.14	0.00066
-74.25	109.60	0.00080	-77.78	106.07	0.00099
-79.90	103.94	0.00115	-81.32	102.53	0.00127
-82.73	101.12	0.00142	-84.15	99.70	0.00162
-85.56	98.29	0.00188	-98.29	85.56	0.00266
-99.70	84.15	0.00243	-101.12	82.73	0.00223
-102.53	81.32	0.00207	-103.94	79.90	0.00193
-106.07	77.78	0.00175	-109.60	74.25	0.00151
-113.14	70.71	0.00132	-120.21	63.64	0.00103
-127.28	56.57	0.00083	-134.35	49.50	0.00068
-141.42	42.43	0.00057	-148.49	35.36	0.00047
-155.56	28.28	0.00040	-162.63	21.21	0.00034
-14.14	155.56	0.00015	-21.21	148.49	0.00018
-28.28	141.42	0.00021	-35.36	134.35	0.00026
-42.43	127.28	0.00032	-49.50	120.21	0.00041
-56.57	113.14	0.00054	-63.64	106.07	0.00077
-67.18	102.53	0.00096	-70.71	98.99	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

17NCRA PL92-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00148	-74.25	95.46	0.00170
-75.66	94.05	0.00198	-77.07	92.63	0.00236
-78.49	91.22	0.00290	-91.22	78.49	0.00314
-92.63	77.07	0.00275	-94.05	75.66	0.00247
-95.46	74.25	0.00226	-96.87	72.83	0.00208
-98.99	70.71	0.00187	-102.53	67.18	0.00160
-106.07	63.64	0.00139	-113.14	56.57	0.00108
-120.21	49.50	0.00087	-127.28	42.43	0.00071
-134.35	35.36	0.00058	-141.42	28.28	0.00048
-148.49	21.21	0.00040	-155.56	14.14	0.00034
-7.07	148.49	0.00017	-14.14	141.42	0.00020
-21.21	134.35	0.00024	-28.28	127.28	0.00029
-35.36	120.21	0.00036	-42.43	113.14	0.00047
-49.50	106.07	0.00064	-56.57	98.99	0.00096
-60.10	95.46	0.00124	-63.64	91.92	0.00168
-65.76	89.80	0.00208	-67.18	88.39	0.00243
-68.59	86.97	0.00288	-70.00	85.56	0.00345
-71.42	84.15	0.00419	-84.15	71.42	0.00378
-85.56	70.00	0.00325	-86.97	68.59	0.00285
-88.39	67.18	0.00255	-89.80	65.76	0.00231
-91.92	63.64	0.00203	-95.46	60.10	0.00169
-98.99	56.57	0.00146	-106.07	49.50	0.00113
-113.14	42.43	0.00090	-120.21	35.36	0.00073
-127.28	28.28	0.00059	-134.35	21.21	0.00049
-141.42	14.14	0.00041	-148.49	7.07	0.00035
0.00	141.42	0.00018	-7.07	134.35	0.00021
-14.14	127.28	0.00026	-21.21	120.21	0.00032
-28.28	113.14	0.00041	-35.36	106.07	0.00055
-42.43	98.99	0.00078	-49.50	91.92	0.00122
-53.03	88.39	0.00161	-56.57	84.85	0.00223
-58.69	82.73	0.00277	-60.10	81.32	0.00322
-61.52	79.90	0.00378	-62.93	78.49	0.00445
-64.35	77.07	0.00528	-77.07	64.35	0.00441
-78.49	62.93	0.00376	-79.90	61.52	0.00328
-81.32	60.10	0.00289	-82.73	58.69	0.00259
-84.85	56.57	0.00224	-88.39	53.03	0.00182
-91.92	49.50	0.00154	-98.99	42.43	0.00117
-106.07	35.36	0.00092	-113.14	28.28	0.00074
-120.21	21.21	0.00061	-127.28	14.14	0.00050
-134.35	7.07	0.00042	-141.42	0.00	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00019	0.00	127.28	0.00023
-7.07	120.21	0.00029	-14.14	113.14	0.00036
-21.21	106.07	0.00047	-28.28	98.99	0.00065
-35.36	91.92	0.00094	-42.43	84.85	0.00152
-45.96	81.32	0.00203	-49.50	77.78	0.00279
-51.62	75.66	0.00341	-53.03	74.25	0.00392
-54.45	72.83	0.00452	-55.86	71.42	0.00523
-57.28	70.00	0.00609	-70.00	57.28	0.00489
-71.42	55.86	0.00419	-72.83	54.45	0.00364
-74.25	53.03	0.00321	-75.66	51.62	0.00286
-77.78	49.50	0.00245	-81.32	45.96	0.00196
-84.85	42.43	0.00163	-91.92	35.36	0.00121
-98.99	28.28	0.00094	-106.07	21.21	0.00075
-113.14	14.14	0.00061	-120.21	7.07	0.00051
-127.28	0.00	0.00043	-134.35	-7.07	0.00037
14.14	127.28	0.00021	7.07	120.21	0.00025
0.00	113.14	0.00031	-7.07	106.07	0.00041
-14.14	98.99	0.00054	-21.21	91.92	0.00076
-28.28	84.85	0.00113	-35.36	77.78	0.00184
-38.89	74.25	0.00243	-42.43	70.71	0.00328
-44.55	68.59	0.00395	-45.96	67.18	0.00447
-47.38	65.76	0.00509	-48.79	64.35	0.00581
-50.20	62.93	0.00666	-62.93	50.20	0.00520
-64.35	48.79	0.00447	-65.76	47.38	0.00390
-67.18	45.96	0.00344	-68.59	44.55	0.00307
-70.71	42.43	0.00262	-74.25	38.89	0.00209
-77.78	35.36	0.00172	-84.85	28.28	0.00125
-91.92	21.21	0.00096	-98.99	14.14	0.00076
-106.07	7.07	0.00062	-113.14	0.00	0.00052
-120.21	-7.07	0.00044	-127.28	-14.14	0.00037
21.21	120.21	0.00023	14.14	113.14	0.00028
7.07	106.07	0.00035	0.00	98.99	0.00046
-7.07	91.92	0.00062	-14.14	84.85	0.00088
-21.21	77.78	0.00133	-28.28	70.71	0.00215

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00279	-35.36	63.64	0.00368
-37.48	61.52	0.00436	-38.89	60.10	0.00490
-40.31	58.69	0.00551	-41.72	57.28	0.00621
-43.13	55.86	0.00705	-55.86	43.13	0.00535
-57.28	41.72	0.00460	-58.69	40.31	0.00404
-60.10	38.89	0.00358	-61.52	37.48	0.00320

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00274	-67.18	31.82	0.00218
-70.71	28.28	0.00179	-77.78	21.21	0.00129
-84.85	14.14	0.00098	-91.92	7.07	0.00078
-98.99	0.00	0.00063	-106.07	-7.07	0.00052
-113.14	-14.14	0.00044	-120.21	-21.21	0.00038
28.28	113.14	0.00025	21.21	106.07	0.00031
14.14	98.99	0.00039	7.07	91.92	0.00051
0.00	84.85	0.00070	-7.07	77.78	0.00100
-14.14	70.71	0.00151	-21.21	63.64	0.00241
-24.75	60.10	0.00310	-28.28	56.57	0.00400
-30.41	54.45	0.00468	-31.82	53.03	0.00521
-33.23	51.62	0.00580	-34.65	50.20	0.00649
-36.06	48.79	0.00730	-48.79	36.06	0.00535
-50.20	34.65	0.00463	-51.62	33.23	0.00408
-53.03	31.82	0.00364	-54.45	30.41	0.00327
-56.57	28.28	0.00282	-60.10	24.75	0.00226
-63.64	21.21	0.00186	-70.71	14.14	0.00134
-77.78	7.07	0.00101	-84.85	0.00	0.00080
-91.92	-7.07	0.00064	-98.99	-14.14	0.00053
-106.07	-21.21	0.00045	-113.14	-28.28	0.00038
35.36	106.07	0.00027	28.28	98.99	0.00034
21.21	91.92	0.00043	14.14	84.85	0.00057
7.07	77.78	0.00078	0.00	70.71	0.00112
-7.07	63.64	0.00168	-14.14	56.57	0.00263
-17.68	53.03	0.00333	-21.21	49.50	0.00423
-23.33	47.38	0.00491	-24.75	45.96	0.00543
-26.16	44.55	0.00601	-27.58	43.13	0.00669
-28.99	41.72	0.00745	-41.72	28.99	0.00528

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00462	-44.55	26.16	0.00410
-45.96	24.75	0.00369	-47.38	23.33	0.00334
-49.50	21.21	0.00290	-53.03	17.68	0.00235
-56.57	14.14	0.00194	-63.64	7.07	0.00138
-70.71	0.00	0.00104	-77.78	-7.07	0.00082
-84.85	-14.14	0.00066	-91.92	-21.21	0.00054
-98.99	-28.28	0.00045	-106.07	-35.36	0.00038
42.43	98.99	0.00029	35.36	91.92	0.00037
28.28	84.85	0.00047	21.21	77.78	0.00062
14.14	70.71	0.00086	7.07	63.64	0.00123
0.00	56.57	0.00182	-7.07	49.50	0.00279
-10.61	45.96	0.00348	-14.14	42.43	0.00437

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00503	-17.68	38.89	0.00554
-19.09	37.48	0.00610	-20.51	36.06	0.00673
-21.92	34.65	0.00743	-34.65	21.92	0.00520
-36.06	20.51	0.00461	-37.48	19.09	0.00412
-38.89	17.68	0.00372	-40.31	16.26	0.00338
-42.43	14.14	0.00296	-45.96	10.61	0.00241
-49.50	7.07	0.00199	-56.57	0.00	0.00143
-63.64	-7.07	0.00107	-70.71	-14.14	0.00083
-77.78	-21.21	0.00067	-84.85	-28.28	0.00055
-91.92	-35.36	0.00046	-98.99	-42.43	0.00039
49.50	91.92	0.00031	42.43	84.85	0.00039
35.36	77.78	0.00051	28.28	70.71	0.00068
21.21	63.64	0.00093	14.14	56.57	0.00132
7.07	49.50	0.00192	0.00	42.43	0.00287
-3.54	38.89	0.00352	-7.07	35.36	0.00433
-9.19	33.23	0.00490	-10.61	31.82	0.00532
-12.02	30.41	0.00575	-13.44	28.99	0.00619
-14.85	27.58	0.00659	-27.58	14.85	0.00484
-28.99	13.44	0.00440	-30.41	12.02	0.00401
-31.82	10.61	0.00366	-33.23	9.19	0.00335
-35.36	7.07	0.00294	-38.89	3.54	0.00242
-42.43	0.00	0.00200	-49.50	-7.07	0.00144

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00108	-63.64	-21.21	0.00084
-70.71	-28.28	0.00067	-77.78	-35.36	0.00055
-84.85	-42.43	0.00046	-91.92	-49.50	0.00039
56.57	84.85	0.00033	49.50	77.78	0.00042
42.43	70.71	0.00054	35.36	63.64	0.00072
28.28	56.57	0.00099	21.21	49.50	0.00138
14.14	42.43	0.00197	7.07	35.36	0.00284
3.54	31.82	0.00340	0.00	28.28	0.00405
-2.12	26.16	0.00447	-3.54	24.75	0.00474
-4.95	23.33	0.00500	-6.36	21.92	0.00524
-7.78	20.51	0.00544	-20.51	7.78	0.00426
-21.92	6.36	0.00397	-23.33	4.95	0.00369
-24.75	3.54	0.00342	-26.16	2.12	0.00318
-28.28	0.00	0.00284	-31.82	-3.54	0.00237
-35.36	-7.07	0.00199	-42.43	-14.14	0.00144
-49.50	-21.21	0.00107	-56.57	-28.28	0.00083
-63.64	-35.36	0.00066	-70.71	-42.43	0.00054
-77.78	-49.50	0.00045	-84.85	-56.57	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00035	56.57	70.71	0.00045
49.50	63.64	0.00058	42.43	56.57	0.00076
35.36	49.50	0.00103	28.28	42.43	0.00142
21.21	35.36	0.00196	14.14	28.28	0.00271
10.61	24.75	0.00316	7.07	21.21	0.00362
4.95	19.09	0.00389	3.54	17.68	0.00405
2.12	16.26	0.00420	0.71	14.85	0.00432
-0.71	13.44	0.00443	-13.44	0.71	0.00365
-14.85	-0.71	0.00346	-16.26	-2.12	0.00327
-17.68	-3.54	0.00308	-19.09	-4.95	0.00290
-21.21	-7.07	0.00264	-24.75	-10.61	0.00225
-28.28	-14.14	0.00192	-35.36	-21.21	0.00142
-42.43	-28.28	0.00107	-49.50	-35.36	0.00083
-56.57	-42.43	0.00066	-63.64	-49.50	0.00054
-70.71	-56.57	0.00045	-77.78	-63.64	0.00038
70.71	70.71	0.00037	63.64	63.64	0.00047



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00061	49.50	49.50	0.00079
42.43	42.43	0.00106	35.36	35.36	0.00142
28.28	28.28	0.00191	21.21	21.21	0.00251
17.68	17.68	0.00284	14.14	14.14	0.00315
12.02	12.02	0.00331	10.61	10.61	0.00341
9.19	9.19	0.00350	7.78	7.78	0.00357
6.36	6.36	0.00363	-6.36	-6.36	0.00310
-7.78	-7.78	0.00297	-9.19	-9.19	0.00284
-10.61	-10.61	0.00271	-12.02	-12.02	0.00258
-14.14	-14.14	0.00239	-17.68	-17.68	0.00209
-21.21	-21.21	0.00182	-28.28	-28.28	0.00137
-35.36	-35.36	0.00105	-42.43	-42.43	0.00082
-49.50	-49.50	0.00065	-56.57	-56.57	0.00053
-63.64	-63.64	0.00044	-70.71	-70.71	0.00037
77.78	63.64	0.00039	70.71	56.57	0.00049
63.64	49.50	0.00063	56.57	42.43	0.00081
49.50	35.36	0.00106	42.43	28.28	0.00139
35.36	21.21	0.00181	28.28	14.14	0.00228
24.75	10.61	0.00251	21.21	7.07	0.00271
19.09	4.95	0.00282	17.68	3.54	0.00288
16.26	2.12	0.00294	14.85	0.71	0.00298
13.44	-0.71	0.00302	0.71	-13.44	0.00263
-0.71	-14.85	0.00254	-2.12	-16.26	0.00245
-3.54	-17.68	0.00236	-4.95	-19.09	0.00227

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00213	-10.61	-24.75	0.00190
-14.14	-28.28	0.00169	-21.21	-35.36	0.00131
-28.28	-42.43	0.00102	-35.36	-49.50	0.00081
-42.43	-56.57	0.00065	-49.50	-63.64	0.00053
-56.57	-70.71	0.00044	-63.64	-77.78	0.00037
84.85	56.57	0.00041	77.78	49.50	0.00051
70.71	42.43	0.00064	63.64	35.36	0.00082
56.57	28.28	0.00105	49.50	21.21	0.00135
42.43	14.14	0.00169	35.36	7.07	0.00204
31.82	3.54	0.00219	28.28	0.00	0.00234

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00241	24.75	-3.54	0.00245
23.33	-4.95	0.00249	21.92	-6.36	0.00252
20.51	-7.78	0.00254	7.78	-20.51	0.00225
6.36	-21.92	0.00219	4.95	-23.33	0.00212
3.54	-24.75	0.00205	2.12	-26.16	0.00199
0.00	-28.28	0.00188	-3.54	-31.82	0.00171
-7.07	-35.36	0.00155	-14.14	-42.43	0.00124
-21.21	-49.50	0.00099	-28.28	-56.57	0.00079
-35.36	-63.64	0.00064	-42.43	-70.71	0.00052
-49.50	-77.78	0.00044	-56.57	-84.85	0.00037
91.92	49.50	0.00042	84.85	42.43	0.00052
77.78	35.36	0.00065	70.71	28.28	0.00082
63.64	21.21	0.00103	56.57	14.14	0.00128
49.50	7.07	0.00155	42.43	0.00	0.00181
38.89	-3.54	0.00192	35.36	-7.07	0.00202
33.23	-9.19	0.00208	31.82	-10.61	0.00211
30.41	-12.02	0.00213	28.99	-13.44	0.00215
27.58	-14.85	0.00216	14.85	-27.58	0.00195
13.44	-28.99	0.00190	12.02	-30.41	0.00185
10.61	-31.82	0.00180	9.19	-33.23	0.00174
7.07	-35.36	0.00167	3.54	-38.89	0.00154
0.00	-42.43	0.00141	-7.07	-49.50	0.00116
-14.14	-56.57	0.00094	-21.21	-63.64	0.00076
-28.28	-70.71	0.00062	-35.36	-77.78	0.00052
-42.43	-84.85	0.00043	-49.50	-91.92	0.00037
98.99	42.43	0.00043	91.92	35.36	0.00053
84.85	28.28	0.00065	77.78	21.21	0.00081
70.71	14.14	0.00100	63.64	7.07	0.00121
56.57	0.00	0.00142	49.50	-7.07	0.00161
45.96	-10.61	0.00169	42.43	-14.14	0.00177

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00180	38.89	-17.68	0.00182
37.48	-19.09	0.00184	36.06	-20.51	0.00186
34.65	-21.92	0.00186	21.92	-34.65	0.00169
20.51	-36.06	0.00166	19.09	-37.48	0.00162

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00158	16.26	-40.31	0.00154
14.14	-42.43	0.00148	10.61	-45.96	0.00138
7.07	-49.50	0.00128	0.00	-56.57	0.00108
-7.07	-63.64	0.00089	-14.14	-70.71	0.00074
-21.21	-77.78	0.00061	-28.28	-84.85	0.00050
-35.36	-91.92	0.00042	-42.43	-98.99	0.00036
106.07	35.36	0.00043	98.99	28.28	0.00053
91.92	21.21	0.00065	84.85	14.14	0.00079
77.78	7.07	0.00095	70.71	0.00	0.00112
63.64	-7.07	0.00129	56.57	-14.14	0.00143
53.03	-17.68	0.00150	49.50	-21.21	0.00155
47.38	-23.33	0.00158	45.96	-24.75	0.00160
44.55	-26.16	0.00161	43.13	-27.58	0.00162
41.72	-28.99	0.00162	28.99	-41.72	0.00149
27.58	-43.13	0.00146	26.16	-44.55	0.00143
24.75	-45.96	0.00140	23.33	-47.38	0.00136
21.21	-49.50	0.00132	17.68	-53.03	0.00124
14.14	-56.57	0.00116	7.07	-63.64	0.00100
0.00	-70.71	0.00084	-7.07	-77.78	0.00070
-14.14	-84.85	0.00059	-21.21	-91.92	0.00049
-28.28	-98.99	0.00042	-35.36	-106.07	0.00036
113.14	28.28	0.00044	106.07	21.21	0.00053
98.99	14.14	0.00064	91.92	7.07	0.00076
84.85	0.00	0.00090	77.78	-7.07	0.00104
70.71	-14.14	0.00117	63.64	-21.21	0.00128
60.10	-24.75	0.00133	56.57	-28.28	0.00137
54.45	-30.41	0.00139	53.03	-31.82	0.00141
51.62	-33.23	0.00141	50.20	-34.65	0.00142
48.79	-36.06	0.00142	36.06	-48.79	0.00131
34.65	-50.20	0.00129	33.23	-51.62	0.00127
31.82	-53.03	0.00124	30.41	-54.45	0.00122
28.28	-56.57	0.00118	24.75	-60.10	0.00111
21.21	-63.64	0.00105	14.14	-70.71	0.00092
7.07	-77.78	0.00079	0.00	-84.85	0.00067
-7.07	-91.92	0.00057	-14.14	-98.99	0.00048
-21.21	-106.07	0.00041	-28.28	-113.14	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00044	113.14	14.14	0.00052
106.07	7.07	0.00062	98.99	0.00	0.00073
91.92	-7.07	0.00085	84.85	-14.14	0.00096
77.78	-21.21	0.00106	70.71	-28.28	0.00115
67.18	-31.82	0.00119	63.64	-35.36	0.00122
61.52	-37.48	0.00124	60.10	-38.89	0.00125
58.69	-40.31	0.00125	57.28	-41.72	0.00126
55.86	-43.13	0.00126	43.13	-55.86	0.00117
41.72	-57.28	0.00115	40.31	-58.69	0.00113
38.89	-60.10	0.00111	37.48	-61.52	0.00109
35.36	-63.64	0.00106	31.82	-67.18	0.00101
28.28	-70.71	0.00095	21.21	-77.78	0.00085
14.14	-84.85	0.00074	7.07	-91.92	0.00064
0.00	-98.99	0.00055	-7.07	-106.07	0.00047
-14.14	-113.14	0.00040	-21.21	-120.21	0.00034
127.28	14.14	0.00044	120.21	7.07	0.00052
113.14	0.00	0.00061	106.07	-7.07	0.00070
98.99	-14.14	0.00080	91.92	-21.21	0.00089
84.85	-28.28	0.00097	77.78	-35.36	0.00104
74.25	-38.89	0.00107	70.71	-42.43	0.00110
68.59	-44.55	0.00111	67.18	-45.96	0.00111
65.76	-47.38	0.00112	64.35	-48.79	0.00112
62.93	-50.20	0.00112	50.20	-62.93	0.00105
48.79	-64.35	0.00103	47.38	-65.76	0.00102
45.96	-67.18	0.00100	44.55	-68.59	0.00098
42.43	-70.71	0.00096	38.89	-74.25	0.00091
35.36	-77.78	0.00087	28.28	-84.85	0.00078
21.21	-91.92	0.00069	14.14	-98.99	0.00061
7.07	-106.07	0.00052	0.00	-113.14	0.00045
-7.07	-120.21	0.00039	-14.14	-127.28	0.00034
134.35	7.07	0.00043	127.28	0.00	0.00050
120.21	-7.07	0.00058	113.14	-14.14	0.00066
106.07	-21.21	0.00074	98.99	-28.28	0.00082
91.92	-35.36	0.00088	84.85	-42.43	0.00094
81.32	-45.96	0.00097	77.78	-49.50	0.00099
75.66	-51.62	0.00100	74.25	-53.03	0.00100
72.83	-54.45	0.00100	71.42	-55.86	0.00101
70.00	-57.28	0.00101	57.28	-70.00	0.00094
55.86	-71.42	0.00093	54.45	-72.83	0.00092
53.03	-74.25	0.00090	51.62	-75.66	0.00089

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20  
 \*\*MODELOPTS:  
 PAGE 96  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00087	45.96	-81.32	0.00083	
42.43	-84.85	0.00080	35.36	-91.92	0.00072	
28.28	-98.99	0.00065	21.21	-106.07	0.00057	
14.14	-113.14	0.00050	7.07	-120.21	0.00044	
0.00	-127.28	0.00038	-7.07	-134.35	0.00033	
141.42	0.00	0.00043	134.35	-7.07	0.00049	
127.28	-14.14	0.00056	120.21	-21.21	0.00063	
113.14	-28.28	0.00069	106.07	-35.36	0.00075	
98.99	-42.43	0.00081	91.92	-49.50	0.00086	
88.39	-53.03	0.00088	84.85	-56.57	0.00089	
82.73	-58.69	0.00090	81.32	-60.10	0.00090	
79.90	-61.52	0.00091	78.49	-62.93	0.00091	
77.07	-64.35	0.00091	64.35	-77.07	0.00085	
62.93	-78.49	0.00084	61.52	-79.90	0.00083	
60.10	-81.32	0.00082	58.69	-82.73	0.00081	
56.57	-84.85	0.00079	53.03	-88.39	0.00076	
49.50	-91.92	0.00073	42.43	-98.99	0.00067	
35.36	-106.07	0.00060	28.28	-113.14	0.00054	
21.21	-120.21	0.00048	14.14	-127.28	0.00042	
7.07	-134.35	0.00037	0.00	-141.42	0.00032	
148.49	-7.07	0.00042	141.42	-14.14	0.00047	
134.35	-21.21	0.00053	127.28	-28.28	0.00059	
120.21	-35.36	0.00065	113.14	-42.43	0.00070	
106.07	-49.50	0.00074	98.99	-56.57	0.00078	
95.46	-60.10	0.00080	91.92	-63.64	0.00081	
89.80	-65.76	0.00082	88.39	-67.18	0.00082	
86.97	-68.59	0.00082	85.56	-70.00	0.00082	
84.15	-71.42	0.00082	71.42	-84.15	0.00078	
70.00	-85.56	0.00077	68.59	-86.97	0.00076	
67.18	-88.39	0.00075	65.76	-89.80	0.00074	
63.64	-91.92	0.00072	60.10	-95.46	0.00070	
56.57	-98.99	0.00067	49.50	-106.07	0.00062	
42.43	-113.14	0.00056	35.36	-120.21	0.00051	
28.28	-127.28	0.00046	21.21	-134.35	0.00040	
14.14	-141.42	0.00036	7.07	-148.49	0.00031	
155.56	-14.14	0.00041	148.49	-21.21	0.00046	

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00051	134.35	-35.36	0.00056
127.28	-42.43	0.00060	120.21	-49.50	0.00065
113.14	-56.57	0.00069	106.07	-63.64	0.00072
102.53	-67.18	0.00073	98.99	-70.71	0.00074

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08  
 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00075	95.46	-74.25	0.00075
94.05	-75.66	0.00075	92.63	-77.07	0.00075
91.22	-78.49	0.00075	78.49	-91.22	0.00071
77.07	-92.63	0.00070	75.66	-94.05	0.00069
74.25	-95.46	0.00069	72.83	-96.87	0.00068
70.71	-98.99	0.00066	67.18	-102.53	0.00064
63.64	-106.07	0.00062	56.57	-113.14	0.00057
49.50	-120.21	0.00053	42.43	-127.28	0.00048
35.36	-134.35	0.00043	28.28	-141.42	0.00039
21.21	-148.49	0.00034	14.14	-155.56	0.00031
162.63	-21.21	0.00039	155.56	-28.28	0.00044
148.49	-35.36	0.00048	141.42	-42.43	0.00053
134.35	-49.50	0.00056	127.28	-56.57	0.00060
120.21	-63.64	0.00063	113.14	-70.71	0.00066
109.60	-74.25	0.00067	106.07	-77.78	0.00068
103.94	-79.90	0.00069	102.53	-81.32	0.00069
101.12	-82.73	0.00069	99.70	-84.15	0.00069
98.29	-85.56	0.00069	85.56	-98.29	0.00065
84.15	-99.70	0.00065	82.73	-101.12	0.00064
81.32	-102.53	0.00063	79.90	-103.94	0.00062
77.78	-106.07	0.00061	74.25	-109.60	0.00059
70.71	-113.14	0.00057	63.64	-120.21	0.00053
56.57	-127.28	0.00049	49.50	-134.35	0.00045
42.43	-141.42	0.00041	35.36	-148.49	0.00037
28.28	-155.56	0.00033	21.21	-162.63	0.00030
169.71	-28.28	0.00038	162.63	-35.36	0.00042
155.56	-42.43	0.00046	148.49	-49.50	0.00049
141.42	-56.57	0.00053	134.35	-63.64	0.00056
127.28	-70.71	0.00059	120.21	-77.78	0.00061
116.67	-81.32	0.00062	113.14	-84.85	0.00063

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00063	109.60	-88.39	0.00063
108.19	-89.80	0.00063	106.77	-91.22	0.00063
105.36	-92.63	0.00063	92.63	-105.36	0.00060
91.22	-106.77	0.00059	89.80	-108.19	0.00059
88.39	-109.60	0.00058	86.97	-111.02	0.00058
84.85	-113.14	0.00057	81.32	-116.67	0.00055
77.78	-120.21	0.00053	70.71	-127.28	0.00050
63.64	-134.35	0.00046	56.57	-141.42	0.00043
49.50	-148.49	0.00039	42.43	-155.56	0.00036
35.36	-162.63	0.00032	28.28	-169.71	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00037	169.71	-42.43	0.00040
162.63	-49.50	0.00044	155.56	-56.57	0.00047
148.49	-63.64	0.00049	141.42	-70.71	0.00052
134.35	-77.78	0.00055	127.28	-84.85	0.00057
123.74	-88.39	0.00057	120.21	-91.92	0.00058
118.09	-94.05	0.00058	116.67	-95.46	0.00058
115.26	-96.87	0.00058	113.84	-98.29	0.00058
112.43	-99.70	0.00058	99.70	-112.43	0.00055
98.29	-113.84	0.00055	96.87	-115.26	0.00055
95.46	-116.67	0.00054	94.05	-118.09	0.00053
91.92	-120.21	0.00053	88.39	-123.74	0.00051
84.85	-127.28	0.00050	77.78	-134.35	0.00047
70.71	-141.42	0.00043	63.64	-148.49	0.00040
56.57	-155.56	0.00037	49.50	-162.63	0.00034
42.43	-169.71	0.00031	35.36	-176.78	0.00028
183.85	-42.43	0.00035	176.78	-49.50	0.00038
169.71	-56.57	0.00041	162.63	-63.64	0.00044
155.56	-70.71	0.00046	148.49	-77.78	0.00049
141.42	-84.85	0.00051	134.35	-91.92	0.00053
130.81	-95.46	0.00053	127.28	-98.99	0.00054
125.16	-101.12	0.00054	123.74	-102.53	0.00054
122.33	-103.94	0.00054	120.92	-105.36	0.00054
119.50	-106.77	0.00054	106.77	-119.50	0.00051
105.36	-120.92	0.00051	103.94	-122.33	0.00051

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00050	101.12	-125.16	0.00050
98.99	-127.28	0.00049	95.46	-130.81	0.00048
91.92	-134.35	0.00046	84.85	-141.42	0.00044
77.78	-148.49	0.00041	70.71	-155.56	0.00038
63.64	-162.63	0.00035	56.57	-169.71	0.00032
49.50	-176.78	0.00030	42.43	-183.85	0.00027
190.92	-49.50	0.00034	183.85	-56.57	0.00037
176.78	-63.64	0.00039	169.71	-70.71	0.00041
162.63	-77.78	0.00044	155.56	-84.85	0.00046
148.49	-91.92	0.00048	141.42	-98.99	0.00049
137.89	-102.53	0.00050	134.35	-106.07	0.00050
132.23	-108.19	0.00050	130.81	-109.60	0.00050
129.40	-111.02	0.00050	127.99	-112.43	0.00050
126.57	-113.84	0.00050	113.84	-126.57	0.00048
112.43	-127.99	0.00047	111.02	-129.40	0.00047
109.60	-130.81	0.00047	108.19	-132.23	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00046	102.53	-137.89	0.00044
98.99	-141.42	0.00043	91.92	-148.49	0.00041
84.85	-155.56	0.00038	77.78	-162.63	0.00036
70.71	-169.71	0.00034	63.64	-176.78	0.00031
56.57	-183.85	0.00029	49.50	-190.92	0.00026
197.99	-56.57	0.00033	190.92	-63.64	0.00035
183.85	-70.71	0.00037	176.78	-77.78	0.00039
169.71	-84.85	0.00041	162.63	-91.92	0.00043
155.56	-98.99	0.00045	148.49	-106.07	0.00046
144.96	-109.60	0.00046	141.42	-113.14	0.00047
139.30	-115.26	0.00047	137.89	-116.67	0.00047
136.47	-118.09	0.00047	135.06	-119.50	0.00047
133.64	-120.92	0.00047	120.92	-133.64	0.00045
119.50	-135.06	0.00044	118.09	-136.47	0.00044
116.67	-137.89	0.00044	115.26	-139.30	0.00043
113.14	-141.42	0.00043	109.60	-144.96	0.00042
106.07	-148.49	0.00041	98.99	-155.56	0.00038
91.92	-162.63	0.00036	84.85	-169.71	0.00034



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00032	70.71	-183.85	0.00030
63.64	-190.92	0.00027	56.57	-197.99	0.00025
205.06	-63.64	0.00031	197.99	-70.71	0.00033
190.92	-77.78	0.00035	183.85	-84.85	0.00037
176.78	-91.92	0.00039	169.71	-98.99	0.00040
162.63	-106.07	0.00042	155.56	-113.14	0.00043
152.03	-116.67	0.00043	148.49	-120.21	0.00044
146.37	-122.33	0.00044	144.96	-123.74	0.00044
143.54	-125.16	0.00044	142.13	-126.57	0.00044
140.71	-127.99	0.00043	127.99	-140.71	0.00042
126.57	-142.13	0.00041	125.16	-143.54	0.00041
123.74	-144.96	0.00041	122.33	-146.37	0.00040
120.21	-148.49	0.00040	116.67	-152.03	0.00039
113.14	-155.56	0.00038	106.07	-162.63	0.00036
98.99	-169.71	0.00034	91.92	-176.78	0.00032
84.85	-183.85	0.00030	77.78	-190.92	0.00028
70.71	-197.99	0.00026	63.64	-205.06	0.00024
212.13	-70.71	0.00030	205.06	-77.78	0.00032
197.99	-84.85	0.00033	190.92	-91.92	0.00035
183.85	-98.99	0.00037	176.78	-106.07	0.00038
169.71	-113.14	0.00039	162.63	-120.21	0.00040
159.10	-123.74	0.00041	155.56	-127.28	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00041	152.03	-130.81	0.00041
150.61	-132.23	0.00041	149.20	-133.64	0.00041
147.79	-135.06	0.00041	135.06	-147.79	0.00039
133.64	-149.20	0.00039	132.23	-150.61	0.00039
130.81	-152.03	0.00038	129.40	-153.44	0.00038
127.28	-155.56	0.00038	123.74	-159.10	0.00037
120.21	-162.63	0.00036	113.14	-169.71	0.00034
106.07	-176.78	0.00032	98.99	-183.85	0.00031
91.92	-190.92	0.00029	84.85	-197.99	0.00027
77.78	-205.06	0.00025	70.71	-212.13	0.00023
219.20	-77.78	0.00029	212.13	-84.85	0.00030
205.06	-91.92	0.00032	197.99	-98.99	0.00033

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00035	183.85	-113.14	0.00036
176.78	-120.21	0.00037	169.71	-127.28	0.00038
166.17	-130.81	0.00038	162.63	-134.35	0.00038
160.51	-136.47	0.00038	159.10	-137.89	0.00038
157.68	-139.30	0.00038	156.27	-140.71	0.00038
154.86	-142.13	0.00038	142.13	-154.86	0.00037
140.71	-156.27	0.00037	139.30	-157.68	0.00036
137.89	-159.10	0.00036	136.47	-160.51	0.00036
134.35	-162.63	0.00035	130.81	-166.17	0.00035
127.28	-169.71	0.00034	120.21	-176.78	0.00032
113.14	-183.85	0.00031	106.07	-190.92	0.00029
98.99	-197.99	0.00028	91.92	-205.06	0.00026
84.85	-212.13	0.00024	77.78	-219.20	0.00023
226.27	-84.85	0.00027	219.20	-91.92	0.00029
212.13	-98.99	0.00030	205.06	-106.07	0.00031
197.99	-113.14	0.00033	190.92	-120.21	0.00034
183.85	-127.28	0.00035	176.78	-134.35	0.00036
173.24	-137.89	0.00036	169.71	-141.42	0.00036
167.58	-143.54	0.00036	166.17	-144.96	0.00036
164.76	-146.37	0.00036	163.34	-147.79	0.00036
161.93	-149.20	0.00036	149.20	-161.93	0.00035
147.79	-163.34	0.00034	146.37	-164.76	0.00034
144.96	-166.17	0.00034	143.54	-167.58	0.00034
141.42	-169.71	0.00033	137.89	-173.24	0.00033
134.35	-176.78	0.00032	127.28	-183.85	0.00031
120.21	-190.92	0.00029	113.14	-197.99	0.00028
106.07	-205.06	0.00026	98.99	-212.13	0.00025
91.92	-219.20	0.00023	84.85	-226.27	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00026	226.27	-98.99	0.00028
219.20	-106.07	0.00029	212.13	-113.14	0.00030
205.06	-120.21	0.00031	197.99	-127.28	0.00032
190.92	-134.35	0.00033	183.85	-141.42	0.00034
180.31	-144.96	0.00034	176.78	-148.49	0.00034
174.66	-150.61	0.00034	173.24	-152.03	0.00034

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00034	170.41	-154.86	0.00034
169.00	-156.27	0.00034	156.27	-169.00	0.00033
154.86	-170.41	0.00032	153.44	-171.83	0.00032
152.03	-173.24	0.00032	150.61	-174.66	0.00032
148.49	-176.78	0.00031	144.96	-180.31	0.00031
141.42	-183.85	0.00030	134.35	-190.92	0.00029
127.28	-197.99	0.00028	120.21	-205.06	0.00026
113.14	-212.13	0.00025	106.07	-219.20	0.00024
98.99	-226.27	0.00022	91.92	-233.35	0.00021
240.42	-98.99	0.00025	233.35	-106.07	0.00026
226.27	-113.14	0.00027	219.20	-120.21	0.00028
212.13	-127.28	0.00029	205.06	-134.35	0.00030
197.99	-141.42	0.00031	190.92	-148.49	0.00032
187.38	-152.03	0.00032	183.85	-155.56	0.00032
181.73	-157.68	0.00032	180.31	-159.10	0.00032
178.90	-160.51	0.00032	177.48	-161.93	0.00032
176.07	-163.34	0.00032	163.34	-176.07	0.00031
161.93	-177.48	0.00031	160.51	-178.90	0.00030
159.10	-180.31	0.00030	157.68	-181.73	0.00030
155.56	-183.85	0.00030	152.03	-187.38	0.00029
148.49	-190.92	0.00029	141.42	-197.99	0.00028
134.35	-205.06	0.00026	127.28	-212.13	0.00025
120.21	-219.20	0.00024	113.14	-226.27	0.00023
106.07	-233.35	0.00022	98.99	-240.42	0.00020
247.49	-106.07	0.00024	240.42	-113.14	0.00025
233.35	-120.21	0.00026	226.27	-127.28	0.00027
219.20	-134.35	0.00028	212.13	-141.42	0.00029
205.06	-148.49	0.00030	197.99	-155.56	0.00030
194.45	-159.10	0.00030	190.92	-162.63	0.00030
188.80	-164.76	0.00030	187.38	-166.17	0.00030
185.97	-167.58	0.00030	184.55	-169.00	0.00030
183.14	-170.41	0.00030	170.41	-183.14	0.00029
169.00	-184.55	0.00029	167.58	-185.97	0.00029
166.17	-187.38	0.00029	164.76	-188.80	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00028	159.10	-194.45	0.00028
155.56	-197.99	0.00027	148.49	-205.06	0.00026
141.42	-212.13	0.00025	134.35	-219.20	0.00024
127.28	-226.27	0.00023	120.21	-233.35	0.00022
113.14	-240.42	0.00021	106.07	-247.49	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00011	-113.14	240.42	0.00013
-120.21	233.35	0.00015	-127.28	226.27	0.00018
-134.35	219.20	0.00022	-141.42	212.13	0.00027
-148.49	205.06	0.00035	-155.56	197.99	0.00048
-159.10	194.45	0.00058	-162.63	190.92	0.00072
-164.76	188.80	0.00082	-166.17	187.38	0.00089
-167.58	185.97	0.00098	-169.00	184.55	0.00107
-170.41	183.14	0.00118	-183.14	170.41	0.00167
-184.55	169.00	0.00162	-185.97	167.58	0.00157
-187.38	166.17	0.00151	-188.80	164.76	0.00145
-190.92	162.63	0.00135	-194.45	159.10	0.00121
-197.99	155.56	0.00109	-205.06	148.49	0.00089
-212.13	141.42	0.00073	-219.20	134.35	0.00061
-226.27	127.28	0.00051	-233.35	120.21	0.00044
-240.42	113.14	0.00038	-247.49	106.07	0.00033
-98.99	240.42	0.00012	-106.07	233.35	0.00014
-113.14	226.27	0.00016	-120.21	219.20	0.00020
-127.28	212.13	0.00024	-134.35	205.06	0.00030
-141.42	197.99	0.00039	-148.49	190.92	0.00053
-152.03	187.38	0.00064	-155.56	183.85	0.00079
-157.68	181.73	0.00091	-159.10	180.31	0.00100
-160.51	178.90	0.00111	-161.93	177.48	0.00124
-163.34	176.07	0.00138	-176.07	163.34	0.00203
-177.48	161.93	0.00194	-178.90	160.51	0.00184
-180.31	159.10	0.00174	-181.73	157.68	0.00165
-183.85	155.56	0.00153	-187.38	152.03	0.00135
-190.92	148.49	0.00119	-197.99	141.42	0.00095
-205.06	134.35	0.00077	-212.13	127.28	0.00064
-219.20	120.21	0.00054	-226.27	113.14	0.00045

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00039	-240.42	98.99	0.00033
-91.92	233.35	0.00013	-98.99	226.27	0.00015
-106.07	219.20	0.00018	-113.14	212.13	0.00021
-120.21	205.06	0.00026	-127.28	197.99	0.00033
-134.35	190.92	0.00042	-141.42	183.85	0.00058
-144.96	180.31	0.00071	-148.49	176.78	0.00087
-150.61	174.66	0.00101	-152.03	173.24	0.00111
-153.44	171.83	0.00124	-154.86	170.41	0.00139
-156.27	169.00	0.00158	-169.00	156.27	0.00238
-170.41	154.86	0.00222	-171.83	153.44	0.00206
-173.24	152.03	0.00193	-174.66	150.61	0.00181

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00165	-180.31	144.96	0.00144
-183.85	141.42	0.00126	-190.92	134.35	0.00100
-197.99	127.28	0.00081	-205.06	120.21	0.00066
-212.13	113.14	0.00055	-219.20	106.07	0.00047
-226.27	99.00	0.00039	-233.35	91.92	0.00034
-84.85	226.27	0.00014	-91.92	219.20	0.00016
-98.99	212.13	0.00019	-106.07	205.06	0.00023
-113.14	197.99	0.00028	-120.21	190.92	0.00036
-127.28	183.85	0.00047	-134.35	176.78	0.00066
-137.89	173.24	0.00080	-141.42	169.71	0.00099
-143.54	167.58	0.00115	-144.96	166.17	0.00127
-146.37	164.76	0.00142	-147.79	163.34	0.00162
-149.20	161.93	0.00188	-161.93	149.20	0.00266
-163.34	147.79	0.00243	-164.76	146.37	0.00223
-166.17	144.96	0.00207	-167.58	143.54	0.00193
-169.71	141.42	0.00175	-173.24	137.89	0.00151
-176.78	134.35	0.00132	-183.85	127.28	0.00103
-190.92	120.21	0.00083	-197.99	113.14	0.00068
-205.06	106.07	0.00057	-212.13	99.00	0.00047
-219.20	91.92	0.00040	-226.27	84.85	0.00034
-77.78	219.20	0.00015	-84.85	212.13	0.00018
-91.92	205.06	0.00021	-98.99	197.99	0.00026
-106.07	190.92	0.00032	-113.14	183.85	0.00041

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00054	-127.28	169.71	0.00077
-130.81	166.17	0.00096	-134.35	162.63	0.00124
-136.47	160.51	0.00148	-137.89	159.10	0.00170
-139.30	157.68	0.00198	-140.71	156.27	0.00236
-142.13	154.86	0.00290	-154.86	142.13	0.00314
-156.27	140.71	0.00275	-157.68	139.30	0.00247
-159.10	137.89	0.00226	-160.51	136.47	0.00208
-162.63	134.35	0.00187	-166.17	130.81	0.00159
-169.71	127.28	0.00139	-176.78	120.21	0.00108
-183.85	113.14	0.00087	-190.92	106.07	0.00071
-197.99	99.00	0.00058	-205.06	91.92	0.00048
-212.13	84.85	0.00040	-219.20	77.78	0.00034
-70.71	212.13	0.00017	-77.78	205.06	0.00020
-84.85	197.99	0.00024	-91.92	190.92	0.00029
-98.99	183.85	0.00036	-106.07	176.78	0.00047
-113.14	169.71	0.00064	-120.21	162.63	0.00096
-123.74	159.10	0.00124	-127.28	155.56	0.00168

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00208	-130.81	152.03	0.00243
-132.23	150.61	0.00288	-133.64	149.20	0.00345
-135.06	147.79	0.00419	-147.79	135.06	0.00378
-149.20	133.64	0.00325	-150.61	132.23	0.00285
-152.03	130.81	0.00255	-153.44	129.40	0.00231
-155.56	127.28	0.00203	-159.10	123.74	0.00169
-162.63	120.21	0.00146	-169.71	113.14	0.00113
-176.78	106.07	0.00090	-183.85	98.99	0.00073
-190.92	91.92	0.00059	-197.99	84.85	0.00049
-205.06	77.78	0.00041	-212.13	70.71	0.00035
-63.64	205.06	0.00018	-70.71	197.99	0.00021
-77.78	190.92	0.00026	-84.85	183.85	0.00032
-91.92	176.78	0.00041	-98.99	169.71	0.00055
-106.07	162.63	0.00078	-113.14	155.56	0.00122
-116.67	152.03	0.00161	-120.21	148.49	0.00223
-122.33	146.37	0.00277	-123.74	144.96	0.00322
-125.16	143.54	0.00378	-126.57	142.13	0.00445

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00528	-140.71	127.99	0.00441
-142.13	126.57	0.00376	-143.54	125.16	0.00328
-144.96	123.74	0.00289	-146.37	122.33	0.00259
-148.49	120.21	0.00224	-152.03	116.67	0.00182
-155.56	113.14	0.00154	-162.63	106.07	0.00117
-169.71	98.99	0.00092	-176.78	91.92	0.00074
-183.85	84.85	0.00061	-190.92	77.78	0.00050
-197.99	70.71	0.00042	-205.06	63.64	0.00036
-56.57	197.99	0.00019	-63.64	190.92	0.00023
-70.71	183.85	0.00029	-77.78	176.78	0.00036
-84.85	169.71	0.00047	-91.92	162.63	0.00065
-98.99	155.56	0.00094	-106.07	148.49	0.00152
-109.60	144.96	0.00203	-113.14	141.42	0.00279
-115.26	139.30	0.00341	-116.67	137.89	0.00392
-118.09	136.47	0.00452	-119.50	135.06	0.00523
-120.92	133.64	0.00609	-133.64	120.92	0.00489
-135.06	119.50	0.00419	-136.47	118.09	0.00364
-137.89	116.67	0.00321	-139.30	115.26	0.00286
-141.42	113.14	0.00245	-144.96	109.60	0.00196
-148.49	106.07	0.00163	-155.56	98.99	0.00121
-162.63	91.92	0.00094	-169.71	84.85	0.00075
-176.78	77.78	0.00061	-183.85	70.71	0.00051
-190.92	63.64	0.00043	-197.99	56.57	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTS:  
 PAGE 106

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00021	-56.57	183.85	0.00025
-63.64	176.78	0.00031	-70.71	169.71	0.00041
-77.78	162.63	0.00054	-84.85	155.56	0.00076
-91.92	148.49	0.00113	-98.99	141.42	0.00184
-102.53	137.89	0.00243	-106.07	134.35	0.00328
-108.19	132.23	0.00395	-109.60	130.81	0.00448
-111.02	129.40	0.00509	-112.43	127.99	0.00581
-113.84	126.57	0.00666	-126.57	113.84	0.00520
-127.99	112.43	0.00447	-129.40	111.02	0.00390
-130.81	109.60	0.00344	-132.23	108.19	0.00307
-134.35	106.07	0.00262	-137.89	102.53	0.00209

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00172	-148.49	91.92	0.00125
-155.56	84.85	0.00096	-162.63	77.78	0.00076
-169.71	70.71	0.00062	-176.78	63.64	0.00052
-183.85	56.57	0.00044	-190.92	49.50	0.00037
-42.43	183.85	0.00023	-49.50	176.78	0.00028
-56.57	169.71	0.00035	-63.64	162.63	0.00046
-70.71	155.56	0.00062	-77.78	148.49	0.00088
-84.85	141.42	0.00133	-91.92	134.35	0.00215
-95.46	130.81	0.00279	-98.99	127.28	0.00368
-101.12	125.16	0.00436	-102.53	123.74	0.00490
-103.94	122.33	0.00550	-105.36	120.92	0.00621
-106.77	119.50	0.00705	-119.50	106.77	0.00535
-120.92	105.36	0.00460	-122.33	103.94	0.00403
-123.74	102.53	0.00358	-125.16	101.12	0.00320
-127.28	98.99	0.00274	-130.81	95.46	0.00218
-134.35	91.92	0.00179	-141.42	84.85	0.00129
-148.49	77.78	0.00098	-155.56	70.71	0.00078
-162.63	63.64	0.00063	-169.71	56.57	0.00052
-176.78	49.50	0.00044	-183.85	42.43	0.00038
-35.36	176.78	0.00025	-42.43	169.71	0.00031
-49.50	162.63	0.00039	-56.57	155.56	0.00051
-63.64	148.49	0.00070	-70.71	141.42	0.00100
-77.78	134.35	0.00151	-84.85	127.28	0.00241
-88.39	123.74	0.00310	-91.92	120.21	0.00400
-94.05	118.09	0.00468	-95.46	116.67	0.00521
-96.87	115.26	0.00580	-98.29	113.84	0.00649
-99.70	112.43	0.00730	-112.43	99.70	0.00535
-113.84	98.29	0.00463	-115.26	96.87	0.00408
-116.67	95.46	0.00364	-118.09	94.05	0.00327

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00282	-123.74	88.39	0.00226
-127.28	84.85	0.00186	-134.35	77.78	0.00134
-141.42	70.71	0.00101	-148.49	63.64	0.00080
-155.56	56.57	0.00064	-162.63	49.50	0.00053
-169.71	42.43	0.00045	-176.78	35.36	0.00038



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00027	-35.36	162.63	0.00034
-42.43	155.56	0.00043	-49.50	148.49	0.00057
-56.57	141.42	0.00078	-63.64	134.35	0.00112
-70.71	127.28	0.00168	-77.78	120.21	0.00263
-81.32	116.67	0.00333	-84.85	113.14	0.00423
-86.97	111.02	0.00491	-88.39	109.60	0.00543
-89.80	108.19	0.00601	-91.22	106.77	0.00669
-92.63	105.36	0.00745	-105.36	92.63	0.00528
-106.77	91.22	0.00462	-108.19	89.80	0.00410
-109.60	88.39	0.00369	-111.02	86.97	0.00334
-113.14	84.85	0.00290	-116.67	81.32	0.00235
-120.21	77.78	0.00194	-127.28	70.71	0.00138
-134.35	63.64	0.00104	-141.42	56.57	0.00082
-148.49	49.50	0.00066	-155.56	42.43	0.00054
-162.63	35.36	0.00045	-169.71	28.28	0.00038
-21.21	162.63	0.00029	-28.28	155.56	0.00037
-35.36	148.49	0.00047	-42.43	141.42	0.00062
-49.50	134.35	0.00086	-56.57	127.28	0.00123
-63.64	120.21	0.00182	-70.71	113.14	0.00279
-74.25	109.60	0.00348	-77.78	106.07	0.00437
-79.90	103.94	0.00504	-81.32	102.53	0.00554
-82.73	101.12	0.00610	-84.15	99.70	0.00673
-85.56	98.29	0.00743	-98.29	85.56	0.00520
-99.70	84.15	0.00461	-101.12	82.73	0.00412
-102.53	81.32	0.00372	-103.94	79.90	0.00338
-106.07	77.78	0.00296	-109.60	74.25	0.00241
-113.14	70.71	0.00199	-120.21	63.64	0.00143
-127.28	56.57	0.00107	-134.35	49.50	0.00083
-141.42	42.43	0.00067	-148.49	35.36	0.00055
-155.56	28.28	0.00046	-162.63	21.21	0.00039
-14.14	155.56	0.00031	-21.21	148.49	0.00039
-28.28	141.42	0.00051	-35.36	134.35	0.00068
-42.43	127.28	0.00093	-49.50	120.21	0.00132
-56.57	113.14	0.00192	-63.64	106.07	0.00287
-67.18	102.53	0.00352	-70.71	98.99	0.00433

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:19:20  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00490	-74.25	95.46	0.00532
-75.66	94.05	0.00575	-77.07	92.63	0.00619
-78.49	91.22	0.00659	-91.22	78.49	0.00484
-92.63	77.07	0.00440	-94.05	75.66	0.00401
-95.46	74.25	0.00366	-96.87	72.83	0.00335
-98.99	70.71	0.00295	-102.53	67.18	0.00242
-106.07	63.64	0.00200	-113.14	56.57	0.00144
-120.21	49.50	0.00108	-127.28	42.43	0.00084
-134.35	35.36	0.00067	-141.42	28.28	0.00055
-148.49	21.21	0.00046	-155.56	14.14	0.00039
-7.07	148.49	0.00033	-14.14	141.42	0.00042
-21.21	134.35	0.00054	-28.28	127.28	0.00072
-35.36	120.21	0.00099	-42.43	113.14	0.00138
-49.50	106.07	0.00197	-56.57	98.99	0.00284
-60.10	95.46	0.00340	-63.64	91.92	0.00405
-65.76	89.80	0.00447	-67.18	88.39	0.00474
-68.59	86.97	0.00500	-70.00	85.56	0.00524
-71.42	84.15	0.00544	-84.15	71.42	0.00426
-85.56	70.00	0.00397	-86.97	68.59	0.00369
-88.39	67.18	0.00342	-89.80	65.76	0.00318
-91.92	63.64	0.00284	-95.46	60.10	0.00237
-98.99	56.57	0.00199	-106.07	49.50	0.00144
-113.14	42.43	0.00107	-120.21	35.36	0.00083
-127.28	28.28	0.00066	-134.35	21.21	0.00054
-141.42	14.14	0.00045	-148.49	7.07	0.00039
0.00	141.42	0.00035	-7.07	134.35	0.00045
-14.14	127.28	0.00058	-21.21	120.21	0.00076
-28.28	113.14	0.00103	-35.36	106.07	0.00142
-42.43	98.99	0.00196	-49.50	91.92	0.00271
-53.03	88.39	0.00316	-56.57	84.85	0.00362
-58.69	82.73	0.00389	-60.10	81.32	0.00405
-61.52	79.90	0.00420	-62.93	78.49	0.00432
-64.35	77.07	0.00443	-77.07	64.35	0.00365
-78.49	62.93	0.00346	-79.90	61.52	0.00327
-81.32	60.10	0.00308	-82.73	58.69	0.00290
-84.85	56.57	0.00264	-88.39	53.03	0.00225
-91.92	49.50	0.00192	-98.99	42.43	0.00142
-106.07	35.36	0.00107	-113.14	28.28	0.00083
-120.21	21.21	0.00066	-127.28	14.14	0.00054
-134.35	7.07	0.00045	-141.42	0.00	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00037	0.00	127.28	0.00047
-7.07	120.21	0.00061	-14.14	113.14	0.00079
-21.21	106.07	0.00106	-28.28	98.99	0.00142
-35.36	91.92	0.00191	-42.43	84.85	0.00251
-45.96	81.32	0.00284	-49.50	77.78	0.00315
-51.62	75.66	0.00331	-53.03	74.25	0.00341
-54.45	72.83	0.00350	-55.86	71.42	0.00357
-57.28	70.00	0.00363	-70.00	57.28	0.00310
-71.42	55.86	0.00297	-72.83	54.45	0.00284
-74.25	53.03	0.00271	-75.66	51.62	0.00258
-77.78	49.50	0.00239	-81.32	45.96	0.00209
-84.85	42.43	0.00182	-91.92	35.36	0.00137
-98.99	28.28	0.00105	-106.07	21.21	0.00082
-113.14	14.14	0.00065	-120.21	7.07	0.00053
-127.28	0.00	0.00044	-134.35	-7.07	0.00037
14.14	127.28	0.00039	7.07	120.21	0.00049
0.00	113.14	0.00063	-7.07	106.07	0.00081
-14.14	98.99	0.00106	-21.21	91.92	0.00139
-28.28	84.85	0.00181	-35.36	77.78	0.00228
-38.89	74.25	0.00251	-42.43	70.71	0.00271
-44.55	68.59	0.00282	-45.96	67.18	0.00288
-47.38	65.76	0.00294	-48.79	64.35	0.00298
-50.20	62.93	0.00302	-62.93	50.20	0.00263
-64.35	48.79	0.00254	-65.76	47.38	0.00245
-67.18	45.96	0.00236	-68.59	44.55	0.00227
-70.71	42.43	0.00213	-74.25	38.89	0.00190
-77.78	35.36	0.00169	-84.85	28.28	0.00131
-91.92	21.21	0.00102	-98.99	14.14	0.00081
-106.07	7.07	0.00065	-113.14	0.00	0.00053
-120.21	-7.07	0.00044	-127.28	-14.14	0.00037
21.21	120.21	0.00041	14.14	113.14	0.00051
7.07	106.07	0.00064	0.00	98.99	0.00082
-7.07	91.92	0.00105	-14.14	84.85	0.00135
-21.21	77.78	0.00169	-28.28	70.71	0.00204
-31.82	67.18	0.00219	-35.36	63.64	0.00234
-37.48	61.52	0.00241	-38.89	60.10	0.00245
-40.31	58.69	0.00249	-41.72	57.28	0.00252

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00254	-55.86	43.13	0.00225
-57.28	41.72	0.00219	-58.69	40.31	0.00212
-60.10	38.89	0.00205	-61.52	37.48	0.00199

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00188	-67.18	31.82	0.00171
-70.71	28.28	0.00155	-77.78	21.21	0.00124
-84.85	14.14	0.00099	-91.92	7.07	0.00079
-98.99	0.00	0.00064	-106.07	-7.07	0.00052
-113.14	-14.14	0.00044	-120.21	-21.21	0.00037
28.28	113.14	0.00042	21.21	106.07	0.00052
14.14	98.99	0.00065	7.07	91.92	0.00082
0.00	84.85	0.00103	-7.07	77.78	0.00128
-14.14	70.71	0.00155	-21.21	63.64	0.00181
-24.75	60.10	0.00192	-28.28	56.57	0.00202
-30.41	54.45	0.00208	-31.82	53.03	0.00211
-33.23	51.62	0.00213	-34.65	50.20	0.00215
-36.06	48.79	0.00216	-48.79	36.06	0.00195
-50.20	34.65	0.00190	-51.62	33.23	0.00185
-53.03	31.82	0.00180	-54.45	30.41	0.00174
-56.57	28.28	0.00167	-60.10	24.75	0.00154
-63.64	21.21	0.00141	-70.71	14.14	0.00116
-77.78	7.07	0.00094	-84.85	0.00	0.00076
-91.92	-7.07	0.00062	-98.99	-14.14	0.00052
-106.07	-21.21	0.00043	-113.14	-28.28	0.00037
35.36	106.07	0.00043	28.28	98.99	0.00053
21.21	91.92	0.00065	14.14	84.85	0.00081
7.07	77.78	0.00100	0.00	70.71	0.00121
-7.07	63.64	0.00142	-14.14	56.57	0.00161
-17.68	53.03	0.00169	-21.21	49.50	0.00177
-23.33	47.38	0.00180	-24.75	45.96	0.00182
-26.16	44.55	0.00184	-27.58	43.13	0.00186
-28.99	41.72	0.00186	-41.72	28.99	0.00169
-43.13	27.58	0.00166	-44.55	26.16	0.00162
-45.96	24.75	0.00158	-47.38	23.33	0.00154
-49.50	21.21	0.00148	-53.03	17.68	0.00138

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00128	-63.64	7.07	0.00108
-70.71	0.00	0.00089	-77.78	-7.07	0.00074
-84.85	-14.14	0.00061	-91.92	-21.21	0.00050
-98.99	-28.28	0.00042	-106.07	-35.36	0.00036
42.43	98.99	0.00043	35.36	91.92	0.00053
28.28	84.85	0.00065	21.21	77.78	0.00079
14.14	70.71	0.00095	7.07	63.64	0.00112
0.00	56.57	0.00129	-7.07	49.50	0.00143
-10.61	45.96	0.00150	-14.14	42.43	0.00155

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00158	-17.68	38.89	0.00160
-19.09	37.48	0.00161	-20.51	36.06	0.00162
-21.92	34.65	0.00162	-34.65	21.92	0.00149
-36.06	20.51	0.00146	-37.48	19.09	0.00143
-38.89	17.68	0.00140	-40.31	16.26	0.00136
-42.43	14.14	0.00132	-45.96	10.61	0.00124
-49.50	7.07	0.00116	-56.57	0.00	0.00100
-63.64	-7.07	0.00084	-70.71	-14.14	0.00070
-77.78	-21.21	0.00059	-84.85	-28.28	0.00049
-91.92	-35.36	0.00042	-98.99	-42.43	0.00036
49.50	91.92	0.00044	42.43	84.85	0.00053
35.36	77.78	0.00064	28.28	70.71	0.00076
21.21	63.64	0.00090	14.14	56.57	0.00104
7.07	49.50	0.00117	0.00	42.43	0.00128
-3.54	38.89	0.00133	-7.07	35.36	0.00137
-9.19	33.23	0.00139	-10.61	31.82	0.00141
-12.02	30.41	0.00141	-13.44	28.99	0.00142
-14.85	27.58	0.00142	-27.58	14.85	0.00131
-28.99	13.44	0.00129	-30.41	12.02	0.00127
-31.82	10.61	0.00124	-33.23	9.19	0.00122
-35.36	7.07	0.00118	-38.89	3.54	0.00111
-42.43	0.00	0.00105	-49.50	-7.07	0.00092
-56.57	-14.14	0.00079	-63.64	-21.21	0.00067
-70.71	-28.28	0.00057	-77.78	-35.36	0.00048
-84.85	-42.43	0.00041	-91.92	-49.50	0.00035

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00044	49.50	77.78	0.00052
42.43	70.71	0.00062	35.36	63.64	0.00073
28.28	56.57	0.00085	21.21	49.50	0.00096
14.14	42.43	0.00106	7.07	35.36	0.00115
3.54	31.82	0.00119	0.00	28.28	0.00122
-2.12	26.16	0.00124	-3.54	24.75	0.00125
-4.95	23.33	0.00125	-6.36	21.92	0.00126
-7.78	20.51	0.00126	-20.51	7.78	0.00117
-21.92	6.36	0.00115	-23.33	4.95	0.00113
-24.75	3.54	0.00111	-26.16	2.12	0.00109
-28.28	0.00	0.00106	-31.82	-3.54	0.00101
-35.36	-7.07	0.00095	-42.43	-14.14	0.00085
-49.50	-21.21	0.00074	-56.57	-28.28	0.00064
-63.64	-35.36	0.00055	-70.71	-42.43	0.00047
-77.78	-49.50	0.00040	-84.85	-56.57	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00044	56.57	70.71	0.00052
49.50	63.64	0.00061	42.43	56.57	0.00070
35.36	49.50	0.00080	28.28	42.43	0.00089
21.21	35.36	0.00097	14.14	28.28	0.00104
10.61	24.75	0.00107	7.07	21.21	0.00110
4.95	19.09	0.00111	3.54	17.68	0.00111
2.12	16.26	0.00112	0.71	14.85	0.00112
-0.71	13.44	0.00112	-13.44	0.71	0.00105
-14.85	-0.71	0.00103	-16.26	-2.12	0.00102
-17.68	-3.54	0.00100	-19.09	-4.95	0.00098
-21.21	-7.07	0.00096	-24.75	-10.61	0.00091
-28.28	-14.14	0.00087	-35.36	-21.21	0.00078
-42.43	-28.28	0.00069	-49.50	-35.36	0.00061
-56.57	-42.43	0.00052	-63.64	-49.50	0.00045
-70.71	-56.57	0.00039	-77.78	-63.64	0.00034
70.71	70.71	0.00043	63.64	63.64	0.00050
56.57	56.57	0.00058	49.50	49.50	0.00066
42.43	42.43	0.00074	35.36	35.36	0.00082
28.28	28.28	0.00088	21.21	21.21	0.00094

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00097	14.14	14.14	0.00099
12.02	12.02	0.00100	10.61	10.61	0.00100
9.19	9.19	0.00100	7.78	7.78	0.00101
6.36	6.36	0.00101	-6.36	-6.36	0.00094
-7.78	-7.78	0.00093	-9.19	-9.19	0.00092
-10.61	-10.61	0.00090	-12.02	-12.02	0.00089
-14.14	-14.14	0.00087	-17.68	-17.68	0.00083
-21.21	-21.21	0.00080	-28.28	-28.28	0.00072
-35.36	-35.36	0.00065	-42.43	-42.43	0.00057
-49.50	-49.50	0.00050	-56.57	-56.57	0.00044
-63.64	-63.64	0.00038	-70.71	-70.71	0.00033
77.78	63.64	0.00043	70.71	56.57	0.00049
63.64	49.50	0.00056	56.57	42.43	0.00063
49.50	35.36	0.00069	42.43	28.28	0.00075
35.36	21.21	0.00081	28.28	14.14	0.00086
24.75	10.61	0.00088	21.21	7.07	0.00089
19.09	4.95	0.00090	17.68	3.54	0.00090
16.26	2.12	0.00091	14.85	0.71	0.00091
13.44	-0.71	0.00091	0.71	-13.44	0.00085
-0.71	-14.85	0.00084	-2.12	-16.26	0.00083
-3.54	-17.68	0.00082	-4.95	-19.09	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00079	-10.61	-24.75	0.00076
-14.14	-28.28	0.00073	-21.21	-35.36	0.00067
-28.28	-42.43	0.00060	-35.36	-49.50	0.00054
-42.43	-56.57	0.00048	-49.50	-63.64	0.00042
-56.57	-70.71	0.00037	-63.64	-77.78	0.00032
84.85	56.57	0.00042	77.78	49.50	0.00047
70.71	42.43	0.00053	63.64	35.36	0.00059
56.57	28.28	0.00065	49.50	21.21	0.00070
42.43	14.14	0.00074	35.36	7.07	0.00078
31.82	3.54	0.00080	28.28	0.00	0.00081
26.16	-2.12	0.00082	24.75	-3.54	0.00082
23.33	-4.95	0.00082	21.92	-6.36	0.00082
20.51	-7.78	0.00082	7.78	-20.51	0.00078

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00077	4.95	-23.33	0.00076
3.54	-24.75	0.00075	2.12	-26.16	0.00074
0.00	-28.28	0.00072	-3.54	-31.82	0.00070
-7.07	-35.36	0.00067	-14.14	-42.43	0.00062
-21.21	-49.50	0.00056	-28.28	-56.57	0.00051
-35.36	-63.64	0.00046	-42.43	-70.71	0.00040
-49.50	-77.78	0.00036	-56.57	-84.85	0.00031
91.92	49.50	0.00041	84.85	42.43	0.00046
77.78	35.36	0.00051	70.71	28.28	0.00056
63.64	21.21	0.00060	56.57	14.14	0.00065
49.50	7.07	0.00069	42.43	0.00	0.00072
38.89	-3.54	0.00073	35.36	-7.07	0.00074
33.23	-9.19	0.00075	31.82	-10.61	0.00075
30.41	-12.02	0.00075	28.99	-13.44	0.00075
27.58	-14.85	0.00075	14.85	-27.58	0.00071
13.44	-28.99	0.00070	12.02	-30.41	0.00069
10.61	-31.82	0.00069	9.19	-33.23	0.00068
7.07	-35.36	0.00066	3.54	-38.89	0.00064
0.00	-42.43	0.00062	-7.07	-49.50	0.00057
-14.14	-56.57	0.00053	-21.21	-63.64	0.00048
-28.28	-70.71	0.00043	-35.36	-77.78	0.00039
-42.43	-84.85	0.00034	-49.50	-91.92	0.00031
98.99	42.43	0.00039	91.92	35.36	0.00044
84.85	28.28	0.00048	77.78	21.21	0.00053
70.71	14.14	0.00056	63.64	7.07	0.00060
56.57	0.00	0.00063	49.50	-7.07	0.00066
45.96	-10.61	0.00067	42.43	-14.14	0.00068

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S):    NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER    IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00069	38.89	-17.68	0.00069
37.48	-19.09	0.00069	36.06	-20.51	0.00069
34.65	-21.92	0.00069	21.92	-34.65	0.00065
20.51	-36.06	0.00065	19.09	-37.48	0.00064
17.68	-38.89	0.00063	16.26	-40.31	0.00062
14.14	-42.43	0.00061	10.61	-45.96	0.00059
7.07	-49.50	0.00057	0.00	-56.57	0.00053



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00049	-14.14	-70.71	0.00045
-21.21	-77.78	0.00041	-28.28	-84.85	0.00037
-35.36	-91.92	0.00033	-42.43	-98.99	0.00030
106.07	35.36	0.00038	98.99	28.28	0.00042
91.92	21.21	0.00046	84.85	14.14	0.00049
77.78	7.07	0.00053	70.71	0.00	0.00056
63.64	-7.07	0.00059	56.57	-14.14	0.00061
53.03	-17.68	0.00062	49.50	-21.21	0.00063
47.38	-23.33	0.00063	45.96	-24.75	0.00063
44.55	-26.16	0.00063	43.13	-27.58	0.00063
41.72	-28.99	0.00063	28.99	-41.72	0.00060
27.58	-43.13	0.00059	26.16	-44.55	0.00059
24.75	-45.96	0.00058	23.33	-47.38	0.00058
21.21	-49.50	0.00057	17.68	-53.03	0.00055
14.14	-56.57	0.00053	7.07	-63.64	0.00050
0.00	-70.71	0.00046	-7.07	-77.78	0.00043
-14.14	-84.85	0.00039	-21.21	-91.92	0.00036
-28.28	-98.99	0.00032	-35.36	-106.07	0.00029
113.14	28.28	0.00037	106.07	21.21	0.00040
98.99	14.14	0.00044	91.92	7.07	0.00047
84.85	0.00	0.00049	77.78	-7.07	0.00052
70.71	-14.14	0.00055	63.64	-21.21	0.00057
60.10	-24.75	0.00057	56.57	-28.28	0.00058
54.45	-30.41	0.00058	53.03	-31.82	0.00058
51.62	-33.23	0.00058	50.20	-34.65	0.00058
48.79	-36.06	0.00058	36.06	-48.79	0.00055
34.65	-50.20	0.00055	33.23	-51.62	0.00055
31.82	-53.03	0.00054	30.41	-54.45	0.00053
28.28	-56.57	0.00053	24.75	-60.10	0.00051
21.21	-63.64	0.00050	14.14	-70.71	0.00047
7.07	-77.78	0.00043	0.00	-84.85	0.00040
-7.07	-91.92	0.00037	-14.14	-98.99	0.00034
-21.21	-106.07	0.00031	-28.28	-113.14	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00035	113.14	14.14	0.00038

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00041	98.99	0.00	0.00044
91.92	-7.07	0.00046	84.85	-14.14	0.00049
77.78	-21.21	0.00051	70.71	-28.28	0.00053
67.18	-31.82	0.00053	63.64	-35.36	0.00054
61.52	-37.48	0.00054	60.10	-38.89	0.00054
58.69	-40.31	0.00054	57.28	-41.72	0.00054
55.86	-43.13	0.00054	43.13	-55.86	0.00051
41.72	-57.28	0.00051	40.31	-58.69	0.00051
38.89	-60.10	0.00050	37.48	-61.52	0.00050
35.36	-63.64	0.00049	31.82	-67.18	0.00048
28.28	-70.71	0.00046	21.21	-77.78	0.00044
14.14	-84.85	0.00041	7.07	-91.92	0.00038
0.00	-98.99	0.00035	-7.07	-106.07	0.00032
-14.14	-113.14	0.00030	-21.21	-120.21	0.00027
127.28	14.14	0.00034	120.21	7.07	0.00037
113.14	0.00	0.00039	106.07	-7.07	0.00041
98.99	-14.14	0.00044	91.92	-21.21	0.00046
84.85	-28.28	0.00048	77.78	-35.36	0.00049
74.25	-38.89	0.00050	70.71	-42.43	0.00050
68.59	-44.55	0.00050	67.18	-45.96	0.00050
65.76	-47.38	0.00050	64.35	-48.79	0.00050
62.93	-50.20	0.00050	50.20	-62.93	0.00048
48.79	-64.35	0.00047	47.38	-65.76	0.00047
45.96	-67.18	0.00047	44.55	-68.59	0.00046
42.43	-70.71	0.00046	38.89	-74.25	0.00044
35.36	-77.78	0.00043	28.28	-84.85	0.00041
21.21	-91.92	0.00038	14.14	-98.99	0.00036
7.07	-106.07	0.00034	0.00	-113.14	0.00031
-7.07	-120.21	0.00029	-14.14	-127.28	0.00026
134.35	7.07	0.00033	127.28	0.00	0.00035
120.21	-7.07	0.00037	113.14	-14.14	0.00039
106.07	-21.21	0.00041	98.99	-28.28	0.00043
91.92	-35.36	0.00045	84.85	-42.43	0.00046
81.32	-45.96	0.00046	77.78	-49.50	0.00047
75.66	-51.62	0.00047	74.25	-53.03	0.00047
72.83	-54.45	0.00047	71.42	-55.86	0.00047
70.00	-57.28	0.00047	57.28	-70.00	0.00045
55.86	-71.42	0.00044	54.45	-72.83	0.00044
53.03	-74.25	0.00044	51.62	-75.66	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00043	45.96	-81.32	0.00042
42.43	-84.85	0.00041	35.36	-91.92	0.00038
28.28	-98.99	0.00036	21.21	-106.07	0.00034
14.14	-113.14	0.00032	7.07	-120.21	0.00030
0.00	-127.28	0.00027	-7.07	-134.35	0.00025
141.42	0.00	0.00031	134.35	-7.07	0.00033
127.28	-14.14	0.00035	120.21	-21.21	0.00037
113.14	-28.28	0.00039	106.07	-35.36	0.00040
98.99	-42.43	0.00042	91.92	-49.50	0.00043
88.39	-53.03	0.00043	84.85	-56.57	0.00044
82.73	-58.69	0.00044	81.32	-60.10	0.00044
79.90	-61.52	0.00044	78.49	-62.93	0.00044
77.07	-64.35	0.00043	64.35	-77.07	0.00042
62.93	-78.49	0.00041	61.52	-79.90	0.00041
60.10	-81.32	0.00041	58.69	-82.73	0.00040
56.57	-84.85	0.00040	53.03	-88.39	0.00039
49.50	-91.92	0.00038	42.43	-98.99	0.00036
35.36	-106.07	0.00034	28.28	-113.14	0.00032
21.21	-120.21	0.00030	14.14	-127.28	0.00028
7.07	-134.35	0.00026	0.00	-141.42	0.00024
148.49	-7.07	0.00030	141.42	-14.14	0.00032
134.35	-21.21	0.00033	127.28	-28.28	0.00035
120.21	-35.36	0.00037	113.14	-42.43	0.00038
106.07	-49.50	0.00039	98.99	-56.57	0.00040
95.46	-60.10	0.00041	91.92	-63.64	0.00041
89.80	-65.76	0.00041	88.39	-67.18	0.00041
86.97	-68.59	0.00041	85.56	-70.00	0.00041
84.15	-71.42	0.00041	71.42	-84.15	0.00039
70.00	-85.56	0.00039	68.59	-86.97	0.00039
67.18	-88.39	0.00038	65.76	-89.80	0.00038
63.64	-91.92	0.00038	60.10	-95.46	0.00037
56.57	-98.99	0.00036	49.50	-106.07	0.00034
42.43	-113.14	0.00032	35.36	-120.21	0.00031
28.28	-127.28	0.00029	21.21	-134.35	0.00027
14.14	-141.42	0.00025	7.07	-148.49	0.00023
155.56	-14.14	0.00029	148.49	-21.21	0.00030
141.42	-28.28	0.00032	134.35	-35.36	0.00033
127.28	-42.43	0.00035	120.21	-49.50	0.00036
113.14	-56.57	0.00037	106.07	-63.64	0.00038

102.53 -67.18 0.00038 98.99 -70.71 0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00038	95.46	-74.25	0.00038
94.05	-75.66	0.00038	92.63	-77.07	0.00038
91.22	-78.49	0.00038	78.49	-91.22	0.00037
77.07	-92.63	0.00037	75.66	-94.05	0.00036
74.25	-95.46	0.00036	72.83	-96.87	0.00036
70.71	-98.99	0.00035	67.18	-102.53	0.00035
63.64	-106.07	0.00034	56.57	-113.14	0.00032
49.50	-120.21	0.00031	42.43	-127.28	0.00029
35.36	-134.35	0.00028	28.28	-141.42	0.00026
21.21	-148.49	0.00024	14.14	-155.56	0.00023
162.63	-21.21	0.00027	155.56	-28.28	0.00029
148.49	-35.36	0.00030	141.42	-42.43	0.00031
134.35	-49.50	0.00033	127.28	-56.57	0.00034
120.21	-63.64	0.00035	113.14	-70.71	0.00036
109.60	-74.25	0.00036	106.07	-77.78	0.00036
103.94	-79.90	0.00036	102.53	-81.32	0.00036
101.12	-82.73	0.00036	99.70	-84.15	0.00036
98.29	-85.56	0.00036	85.56	-98.29	0.00035
84.15	-99.70	0.00034	82.73	-101.12	0.00034
81.32	-102.53	0.00034	79.90	-103.94	0.00034
77.78	-106.07	0.00033	74.25	-109.60	0.00033
70.71	-113.14	0.00032	63.64	-120.21	0.00031
56.57	-127.28	0.00029	49.50	-134.35	0.00028
42.43	-141.42	0.00026	35.36	-148.49	0.00025
28.28	-155.56	0.00023	21.21	-162.63	0.00022
169.71	-28.28	0.00026	162.63	-35.36	0.00028
155.56	-42.43	0.00029	148.49	-49.50	0.00030
141.42	-56.57	0.00031	134.35	-63.64	0.00032
127.28	-70.71	0.00033	120.21	-77.78	0.00034
116.67	-81.32	0.00034	113.14	-84.85	0.00034
111.02	-86.97	0.00034	109.60	-88.39	0.00034
108.19	-89.80	0.00034	106.77	-91.22	0.00034
105.36	-92.63	0.00034	92.63	-105.36	0.00033

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00032	89.80	-108.19	0.00032
88.39	-109.60	0.00032	86.97	-111.02	0.00032
84.85	-113.14	0.00031	81.32	-116.67	0.00031
77.78	-120.21	0.00030	70.71	-127.28	0.00029
63.64	-134.35	0.00028	56.57	-141.42	0.00026
49.50	-148.49	0.00025	42.43	-155.56	0.00024
35.36	-162.63	0.00022	28.28	-169.71	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00025	169.71	-42.43	0.00026
162.63	-49.50	0.00027	155.56	-56.57	0.00028
148.49	-63.64	0.00029	141.42	-70.71	0.00030
134.35	-77.78	0.00031	127.28	-84.85	0.00032
123.74	-88.39	0.00032	120.21	-91.92	0.00032
118.09	-94.05	0.00032	116.67	-95.46	0.00032
115.26	-96.87	0.00032	113.84	-98.29	0.00032
112.43	-99.70	0.00032	99.70	-112.43	0.00031
98.29	-113.84	0.00031	96.87	-115.26	0.00030
95.46	-116.67	0.00030	94.05	-118.09	0.00030
91.92	-120.21	0.00030	88.39	-123.74	0.00029
84.85	-127.28	0.00029	77.78	-134.35	0.00028
70.71	-141.42	0.00026	63.64	-148.49	0.00025
56.57	-155.56	0.00024	49.50	-162.63	0.00023
42.43	-169.71	0.00022	35.36	-176.78	0.00020
183.85	-42.43	0.00024	176.78	-49.50	0.00025
169.71	-56.57	0.00026	162.63	-63.64	0.00027
155.56	-70.71	0.00028	148.49	-77.78	0.00029
141.42	-84.85	0.00030	134.35	-91.92	0.00030
130.81	-95.46	0.00030	127.28	-98.99	0.00030
125.16	-101.12	0.00030	123.74	-102.53	0.00030
122.33	-103.94	0.00030	120.92	-105.36	0.00030
119.50	-106.77	0.00030	106.77	-119.50	0.00029
105.36	-120.92	0.00029	103.94	-122.33	0.00029
102.53	-123.74	0.00029	101.12	-125.16	0.00029
98.99	-127.28	0.00028	95.46	-130.81	0.00028
91.92	-134.35	0.00027	84.85	-141.42	0.00026

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00025	70.71	-155.56	0.00024
63.64	-162.63	0.00023	56.57	-169.71	0.00022
49.50	-176.78	0.00021	42.43	-183.85	0.00020
190.92	-49.50	0.00023	183.85	-56.57	0.00024
176.78	-63.64	0.00025	169.71	-70.71	0.00026
162.63	-77.78	0.00027	155.56	-84.85	0.00027
148.49	-91.92	0.00028	141.42	-98.99	0.00029
137.89	-102.53	0.00029	134.35	-106.07	0.00029
132.23	-108.19	0.00029	130.81	-109.60	0.00029
129.40	-111.02	0.00029	127.99	-112.43	0.00029
126.57	-113.84	0.00029	113.84	-126.57	0.00028
112.43	-127.99	0.00028	111.02	-129.40	0.00027
109.60	-130.81	0.00027	108.19	-132.23	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00027	102.53	-137.89	0.00026
98.99	-141.42	0.00026	91.92	-148.49	0.00025
84.85	-155.56	0.00024	77.78	-162.63	0.00023
70.71	-169.71	0.00022	63.64	-176.78	0.00021
56.57	-183.85	0.00020	49.50	-190.92	0.00019
197.99	-56.57	0.00022	190.92	-63.64	0.00023
183.85	-70.71	0.00024	176.78	-77.78	0.00025
169.71	-84.85	0.00025	162.63	-91.92	0.00026
155.56	-98.99	0.00027	148.49	-106.07	0.00027
144.96	-109.60	0.00027	141.42	-113.14	0.00027
139.30	-115.26	0.00027	137.89	-116.67	0.00027
136.47	-118.09	0.00027	135.06	-119.50	0.00027
133.64	-120.92	0.00027	120.92	-133.64	0.00026
119.50	-135.06	0.00026	118.09	-136.47	0.00026
116.67	-137.89	0.00026	115.26	-139.30	0.00026
113.14	-141.42	0.00025	109.60	-144.96	0.00025
106.07	-148.49	0.00025	98.99	-155.56	0.00024
91.92	-162.63	0.00023	84.85	-169.71	0.00022
77.78	-176.78	0.00021	70.71	-183.85	0.00020
63.64	-190.92	0.00019	56.57	-197.99	0.00018
205.06	-63.64	0.00021	197.99	-70.71	0.00022

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00023	183.85	-84.85	0.00024
176.78	-91.92	0.00024	169.71	-98.99	0.00025
162.63	-106.07	0.00025	155.56	-113.14	0.00026
152.03	-116.67	0.00026	148.49	-120.21	0.00026
146.37	-122.33	0.00026	144.96	-123.74	0.00026
143.54	-125.16	0.00026	142.13	-126.57	0.00026
140.71	-127.99	0.00026	127.99	-140.71	0.00025
126.57	-142.13	0.00025	125.16	-143.54	0.00025
123.74	-144.96	0.00025	122.33	-146.37	0.00024
120.21	-148.49	0.00024	116.67	-152.03	0.00024
113.14	-155.56	0.00023	106.07	-162.63	0.00023
98.99	-169.71	0.00022	91.92	-176.78	0.00021
84.85	-183.85	0.00020	77.78	-190.92	0.00019
70.71	-197.99	0.00018	63.64	-205.06	0.00018
212.13	-70.71	0.00020	205.06	-77.78	0.00021
197.99	-84.85	0.00022	190.92	-91.92	0.00023
183.85	-98.99	0.00023	176.78	-106.07	0.00024
169.71	-113.14	0.00024	162.63	-120.21	0.00025
159.10	-123.74	0.00025	155.56	-127.28	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 120  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00025	152.03	-130.81	0.00025
150.61	-132.23	0.00025	149.20	-133.64	0.00025
147.79	-135.06	0.00025	135.06	-147.79	0.00024
133.64	-149.20	0.00024	132.23	-150.61	0.00024
130.81	-152.03	0.00023	129.40	-153.44	0.00023
127.28	-155.56	0.00023	123.74	-159.10	0.00023
120.21	-162.63	0.00022	113.14	-169.71	0.00022
106.07	-176.78	0.00021	98.99	-183.85	0.00020
91.92	-190.92	0.00019	84.85	-197.99	0.00019
77.78	-205.06	0.00018	70.71	-212.13	0.00017
219.20	-77.78	0.00020	212.13	-84.85	0.00020
205.06	-91.92	0.00021	197.99	-98.99	0.00022
190.92	-106.07	0.00022	183.85	-113.14	0.00023
176.78	-120.21	0.00023	169.71	-127.28	0.00023
166.17	-130.81	0.00023	162.63	-134.35	0.00023

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00023	159.10	-137.89	0.00023
157.68	-139.30	0.00023	156.27	-140.71	0.00023
154.86	-142.13	0.00023	142.13	-154.86	0.00023
140.71	-156.27	0.00023	139.30	-157.68	0.00022
137.89	-159.10	0.00022	136.47	-160.51	0.00022
134.35	-162.63	0.00022	130.81	-166.17	0.00022
127.28	-169.71	0.00021	120.21	-176.78	0.00021
113.14	-183.85	0.00020	106.07	-190.92	0.00019
98.99	-197.99	0.00019	91.92	-205.06	0.00018
84.85	-212.13	0.00017	77.78	-219.20	0.00016
226.27	-84.85	0.00019	219.20	-91.92	0.00020
212.13	-98.99	0.00020	205.06	-106.07	0.00021
197.99	-113.14	0.00021	190.92	-120.21	0.00022
183.85	-127.28	0.00022	176.78	-134.35	0.00022
173.24	-137.89	0.00022	169.71	-141.42	0.00022
167.58	-143.54	0.00022	166.17	-144.96	0.00022
164.76	-146.37	0.00022	163.34	-147.79	0.00022
161.93	-149.20	0.00022	149.20	-161.93	0.00022
147.79	-163.34	0.00022	146.37	-164.76	0.00021
144.96	-166.17	0.00021	143.54	-167.58	0.00021
141.42	-169.71	0.00021	137.89	-173.24	0.00021
134.35	-176.78	0.00020	127.28	-183.85	0.00020
120.21	-190.92	0.00019	113.14	-197.99	0.00018
106.07	-205.06	0.00018	98.99	-212.13	0.00017
91.92	-219.20	0.00016	84.85	-226.27	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00018	226.27	-98.99	0.00019
219.20	-106.07	0.00019	212.13	-113.14	0.00020
205.06	-120.21	0.00020	197.99	-127.28	0.00021
190.92	-134.35	0.00021	183.85	-141.42	0.00021
180.31	-144.96	0.00021	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00021
171.83	-153.44	0.00021	170.41	-154.86	0.00021
169.00	-156.27	0.00021	156.27	-169.00	0.00021
154.86	-170.41	0.00021	153.44	-171.83	0.00021



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00020	150.61	-174.66	0.00020
148.49	-176.78	0.00020	144.96	-180.31	0.00020
141.42	-183.85	0.00020	134.35	-190.92	0.00019
127.28	-197.99	0.00018	120.21	-205.06	0.00018
113.14	-212.13	0.00017	106.07	-219.20	0.00017
98.99	-226.27	0.00016	91.92	-233.35	0.00015
240.42	-98.99	0.00018	233.35	-106.07	0.00018
226.27	-113.14	0.00019	219.20	-120.21	0.00019
212.13	-127.28	0.00020	205.06	-134.35	0.00020
197.99	-141.42	0.00020	190.92	-148.49	0.00020
187.38	-152.03	0.00020	183.85	-155.56	0.00020
181.73	-157.68	0.00020	180.31	-159.10	0.00020
178.90	-160.51	0.00020	177.48	-161.93	0.00020
176.07	-163.34	0.00020	163.34	-176.07	0.00020
161.93	-177.48	0.00020	160.51	-178.90	0.00020
159.10	-180.31	0.00020	157.68	-181.73	0.00019
155.56	-183.85	0.00019	152.03	-187.38	0.00019
148.49	-190.92	0.00019	141.42	-197.99	0.00018
134.35	-205.06	0.00018	127.28	-212.13	0.00017
120.21	-219.20	0.00016	113.14	-226.27	0.00016
106.07	-233.35	0.00015	98.99	-240.42	0.00015
247.49	-106.07	0.00017	240.42	-113.14	0.00017
233.35	-120.21	0.00018	226.27	-127.28	0.00018
219.20	-134.35	0.00019	212.13	-141.42	0.00019
205.06	-148.49	0.00019	197.99	-155.56	0.00020
194.45	-159.10	0.00020	190.92	-162.63	0.00020
188.80	-164.76	0.00020	187.38	-166.17	0.00020
185.97	-167.58	0.00020	184.55	-169.00	0.00020
183.14	-170.41	0.00019	170.41	-183.14	0.00019
169.00	-184.55	0.00019	167.58	-185.97	0.00019
166.17	-187.38	0.00019	164.76	-188.80	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 122

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00019	159.10	-194.45	0.00018
155.56	-197.99	0.00018	148.49	-205.06	0.00018
141.42	-212.13	0.00017	134.35	-219.20	0.00016

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00016	120.21	-233.35	0.00015
113.14	-240.42	0.00015	106.07	-247.49	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00030	-113.14	240.42	0.00034
-120.21	233.35	0.00039	-127.28	226.27	0.00045
-134.35	219.20	0.00052	-141.42	212.13	0.00062
-148.49	205.06	0.00075	-155.56	197.99	0.00094
-159.10	194.45	0.00107	-162.63	190.92	0.00123
-164.76	188.80	0.00135	-166.17	187.38	0.00144
-167.58	185.97	0.00154	-169.00	184.55	0.00164
-170.41	183.14	0.00176	-183.14	170.41	0.00233
-184.55	169.00	0.00229	-185.97	167.58	0.00224
-187.38	166.17	0.00218	-188.80	164.76	0.00212
-190.92	162.63	0.00203	-194.45	159.10	0.00189
-197.99	155.56	0.00176	-205.06	148.49	0.00154
-212.13	141.42	0.00135	-219.20	134.35	0.00120
-226.27	127.28	0.00107	-233.35	120.21	0.00096
-240.42	113.14	0.00087	-247.49	106.07	0.00079
-98.99	240.42	0.00032	-106.07	233.35	0.00036
-113.14	226.27	0.00041	-120.21	219.20	0.00047
-127.28	212.13	0.00056	-134.35	205.06	0.00066
-141.42	197.99	0.00081	-148.49	190.92	0.00101
-152.03	187.38	0.00116	-155.56	183.85	0.00134
-157.68	181.73	0.00149	-159.10	180.31	0.00160
-160.51	178.90	0.00172	-161.93	177.48	0.00186
-163.34	176.07	0.00202	-176.07	163.34	0.00276
-177.48	161.93	0.00267	-178.90	160.51	0.00258
-180.31	159.10	0.00249	-181.73	157.68	0.00240
-183.85	155.56	0.00227	-187.38	152.03	0.00209
-190.92	148.49	0.00192	-197.99	141.42	0.00166
-205.06	134.35	0.00145	-212.13	127.28	0.00127
-219.20	120.21	0.00113	-226.27	113.14	0.00101
-233.35	106.07	0.00091	-240.42	98.99	0.00082
-91.92	233.35	0.00033	-98.99	226.27	0.00038
-106.07	219.20	0.00043	-113.14	212.13	0.00050

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00059	-127.28	197.99	0.00071
-134.35	190.92	0.00087	-141.42	183.85	0.00110
-144.96	180.31	0.00127	-148.49	176.78	0.00148
-150.61	174.66	0.00164	-152.03	173.24	0.00176
-153.44	171.83	0.00191	-154.86	170.41	0.00208
-156.27	169.00	0.00228	-169.00	156.27	0.00319
-170.41	154.86	0.00303	-171.83	153.44	0.00288
-173.24	152.03	0.00275	-174.66	150.61	0.00264

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00248	-180.31	144.96	0.00226
-183.85	141.42	0.00207	-190.92	134.35	0.00177
-197.99	127.28	0.00154	-205.06	120.21	0.00135
-212.13	113.14	0.00119	-219.20	106.07	0.00106
-226.27	99.00	0.00095	-233.35	91.92	0.00086
-84.85	226.27	0.00035	-91.92	219.20	0.00040
-98.99	212.13	0.00046	-106.07	205.06	0.00053
-113.14	197.99	0.00063	-120.21	190.92	0.00076
-127.28	183.85	0.00095	-134.35	176.78	0.00122
-137.89	173.24	0.00141	-141.42	169.71	0.00165
-143.54	167.58	0.00184	-144.96	166.17	0.00199
-146.37	164.76	0.00216	-147.79	163.34	0.00238
-149.20	161.93	0.00266	-161.93	149.20	0.00358
-163.34	147.79	0.00334	-164.76	146.37	0.00315
-166.17	144.96	0.00299	-167.58	143.54	0.00285
-169.71	141.42	0.00267	-173.24	137.89	0.00242
-176.78	134.35	0.00221	-183.85	127.28	0.00188
-190.92	120.21	0.00162	-197.99	113.14	0.00142
-205.06	106.07	0.00125	-212.13	99.00	0.00111
-219.20	91.92	0.00099	-226.27	84.85	0.00089
-77.78	219.20	0.00037	-84.85	212.13	0.00042
-91.92	205.06	0.00049	-98.99	197.99	0.00057
-106.07	190.92	0.00069	-113.14	183.85	0.00084
-120.21	176.78	0.00105	-127.28	169.71	0.00138
-130.81	166.17	0.00162	-134.35	162.63	0.00196
-136.47	160.51	0.00225	-137.89	159.10	0.00249

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00280	-140.71	156.27	0.00320
-142.13	154.86	0.00377	-154.86	142.13	0.00417
-156.27	140.71	0.00379	-157.68	139.30	0.00351
-159.10	137.89	0.00330	-160.51	136.47	0.00312
-162.63	134.35	0.00290	-166.17	130.81	0.00261
-169.71	127.28	0.00238	-176.78	120.21	0.00201
-183.85	113.14	0.00173	-190.92	106.07	0.00150
-197.99	99.00	0.00131	-205.06	91.92	0.00116
-212.13	84.85	0.00103	-219.20	77.78	0.00092
-70.71	212.13	0.00039	-77.78	205.06	0.00045
-84.85	197.99	0.00052	-91.92	190.92	0.00062
-98.99	183.85	0.00075	-106.07	176.78	0.00092
-113.14	169.71	0.00118	-120.21	162.63	0.00161
-123.74	159.10	0.00196	-127.28	155.56	0.00248

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00292	-130.81	152.03	0.00331
-132.23	150.61	0.00379	-133.64	149.20	0.00439
-135.06	147.79	0.00517	-147.79	135.06	0.00497
-149.20	133.64	0.00443	-150.61	132.23	0.00404
-152.03	130.81	0.00373	-153.44	129.40	0.00349
-155.56	127.28	0.00320	-159.10	123.74	0.00284
-162.63	120.21	0.00256	-169.71	113.14	0.00215
-176.78	106.07	0.00183	-183.85	98.99	0.00158
-190.92	91.92	0.00138	-197.99	84.85	0.00121
-205.06	77.78	0.00108	-212.13	70.71	0.00096
-63.64	205.06	0.00041	-70.71	197.99	0.00048
-77.78	190.92	0.00056	-84.85	183.85	0.00067
-91.92	176.78	0.00082	-98.99	169.71	0.00103
-106.07	162.63	0.00135	-113.14	155.56	0.00193
-116.67	152.03	0.00240	-120.21	148.49	0.00311
-122.33	146.37	0.00371	-123.74	144.96	0.00421
-125.16	143.54	0.00481	-126.57	142.13	0.00552
-127.99	140.71	0.00639	-140.71	127.99	0.00577
-142.13	126.57	0.00513	-143.54	125.16	0.00465
-144.96	123.74	0.00426	-146.37	122.33	0.00394

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00357	-152.03	116.67	0.00311
-155.56	113.14	0.00277	-162.63	106.07	0.00229
-169.71	98.99	0.00194	-176.78	91.92	0.00167
-183.85	84.85	0.00145	-190.92	77.78	0.00127
-197.99	70.71	0.00112	-205.06	63.64	0.00100
-56.57	197.99	0.00044	-63.64	190.92	0.00051
-70.71	183.85	0.00060	-77.78	176.78	0.00073
-84.85	169.71	0.00090	-91.92	162.63	0.00115
-98.99	155.56	0.00156	-106.07	148.49	0.00229
-109.60	144.96	0.00289	-113.14	141.42	0.00376
-115.26	139.30	0.00446	-116.67	137.89	0.00502
-118.09	136.47	0.00568	-119.50	135.06	0.00645
-120.92	133.64	0.00737	-133.64	120.92	0.00649
-135.06	119.50	0.00579	-136.47	118.09	0.00524
-137.89	116.67	0.00478	-139.30	115.26	0.00441
-141.42	113.14	0.00397	-144.96	109.60	0.00341
-148.49	106.07	0.00301	-155.56	98.99	0.00244
-162.63	91.92	0.00205	-169.71	84.85	0.00175
-176.78	77.78	0.00152	-183.85	70.71	0.00133
-190.92	63.64	0.00117	-197.99	56.57	0.00104

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00047	-56.57	183.85	0.00055
-63.64	176.78	0.00065	-70.71	169.71	0.00079
-77.78	162.63	0.00100	-84.85	155.56	0.00130
-91.92	148.49	0.00179	-98.99	141.42	0.00267
-102.53	137.89	0.00337	-106.07	134.35	0.00435
-108.19	132.23	0.00511	-109.60	130.81	0.00571
-111.02	129.40	0.00640	-112.43	127.99	0.00720
-113.84	126.57	0.00814	-126.57	113.84	0.00711
-127.99	112.43	0.00635	-129.40	111.02	0.00576
-130.81	109.60	0.00527	-132.23	108.19	0.00486
-134.35	106.07	0.00436	-137.89	102.53	0.00372
-141.42	98.99	0.00325	-148.49	91.92	0.00260
-155.56	84.85	0.00216	-162.63	77.78	0.00184
-169.71	70.71	0.00158	-176.78	63.64	0.00138

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00121	-190.92	49.50	0.00108
-42.43	183.85	0.00050	-49.50	176.78	0.00059
-56.57	169.71	0.00071	-63.64	162.63	0.00087
-70.71	155.56	0.00110	-77.78	148.49	0.00145
-84.85	141.42	0.00203	-91.92	134.35	0.00304
-95.46	130.81	0.00381	-98.99	127.28	0.00486
-101.12	125.16	0.00566	-102.53	123.74	0.00628
-103.94	122.33	0.00699	-105.36	120.92	0.00780
-106.77	119.50	0.00876	-119.50	106.77	0.00762
-120.92	105.36	0.00683	-122.33	103.94	0.00621
-123.74	102.53	0.00570	-125.16	101.12	0.00526
-127.28	98.99	0.00472	-130.81	95.46	0.00402
-134.35	91.92	0.00350	-141.42	84.85	0.00277
-148.49	77.78	0.00228	-155.56	70.71	0.00192
-162.63	63.64	0.00165	-169.71	56.57	0.00143
-176.78	49.50	0.00126	-183.85	42.43	0.00111
-35.36	176.78	0.00053	-42.43	169.71	0.00063
-49.50	162.63	0.00076	-56.57	155.56	0.00095
-63.64	148.49	0.00121	-70.71	141.42	0.00162
-77.78	134.35	0.00227	-84.85	127.28	0.00338
-88.39	123.74	0.00420	-91.92	120.21	0.00530
-94.05	118.09	0.00612	-95.46	116.67	0.00675
-96.87	115.26	0.00747	-98.29	113.84	0.00830
-99.70	112.43	0.00926	-112.43	99.70	0.00805
-113.84	98.29	0.00725	-115.26	96.87	0.00660
-116.67	95.46	0.00607	-118.09	94.05	0.00561

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00504	-123.74	88.39	0.00429
-127.28	84.85	0.00373	-134.35	77.78	0.00293
-141.42	70.71	0.00240	-148.49	63.64	0.00201
-155.56	56.57	0.00172	-162.63	49.50	0.00148
-169.71	42.43	0.00130	-176.78	35.36	0.00115
-28.28	169.71	0.00057	-35.36	162.63	0.00068
-42.43	155.56	0.00083	-49.50	148.49	0.00103
-56.57	141.42	0.00133	-63.64	134.35	0.00178

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00250	-77.78	120.21	0.00368
-81.32	116.67	0.00454	-84.85	113.14	0.00566
-86.97	111.02	0.00649	-88.39	109.60	0.00714
-89.80	108.19	0.00787	-91.22	106.77	0.00871
-92.63	105.36	0.00968	-105.36	92.63	0.00842
-106.77	91.22	0.00759	-108.19	89.80	0.00692
-109.60	88.39	0.00638	-111.02	86.97	0.00591
-113.14	84.85	0.00532	-116.67	81.32	0.00454
-120.21	77.78	0.00394	-127.28	70.71	0.00309
-134.35	63.64	0.00251	-141.42	56.57	0.00210
-148.49	49.50	0.00178	-155.56	42.43	0.00154
-162.63	35.36	0.00134	-169.71	28.28	0.00118
-21.21	162.63	0.00061	-28.28	155.56	0.00073
-35.36	148.49	0.00089	-42.43	141.42	0.00112
-49.50	134.35	0.00145	-56.57	127.28	0.00195
-63.64	120.21	0.00272	-70.71	113.14	0.00395
-74.25	109.60	0.00483	-77.78	106.07	0.00597
-79.90	103.94	0.00682	-81.32	102.53	0.00747
-82.73	101.12	0.00820	-84.15	99.70	0.00905
-85.56	98.29	0.01002	-98.29	85.56	0.00872
-99.70	84.15	0.00789	-101.12	82.73	0.00721
-102.53	81.32	0.00665	-103.94	79.90	0.00617
-106.07	77.78	0.00556	-109.60	74.25	0.00476
-113.14	70.71	0.00414	-120.21	63.64	0.00324
-127.28	56.57	0.00263	-134.35	49.50	0.00218
-141.42	42.43	0.00185	-148.49	35.36	0.00159
-155.56	28.28	0.00138	-162.63	21.21	0.00121
-14.14	155.56	0.00065	-21.21	148.49	0.00078
-28.28	141.42	0.00096	-35.36	134.35	0.00121
-42.43	127.28	0.00157	-49.50	120.21	0.00211
-56.57	113.14	0.00292	-63.64	106.07	0.00419
-67.18	102.53	0.00508	-70.71	98.99	0.00624

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00709	-74.25	95.46	0.00775
-75.66	94.05	0.00849	-77.07	92.63	0.00933

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01030	-91.22	78.49	0.00895
-92.63	77.07	0.00813	-94.05	75.66	0.00746
-95.46	74.25	0.00689	-96.87	72.83	0.00640
-98.99	70.71	0.00578	-102.53	67.18	0.00496
-106.07	63.64	0.00432	-113.14	56.57	0.00338
-120.21	49.50	0.00273	-127.28	42.43	0.00227
-134.35	35.36	0.00191	-141.42	28.28	0.00164
-148.49	21.21	0.00142	-155.56	14.14	0.00125
-7.07	148.49	0.00069	-14.14	141.42	0.00083
-21.21	134.35	0.00103	-28.28	127.28	0.00130
-35.36	120.21	0.00169	-42.43	113.14	0.00225
-49.50	106.07	0.00310	-56.57	98.99	0.00440
-60.10	95.46	0.00530	-63.64	91.92	0.00647
-65.76	89.80	0.00733	-67.18	88.39	0.00799
-68.59	86.97	0.00873	-70.00	85.56	0.00957
-71.42	84.15	0.01054	-84.15	71.42	0.00916
-85.56	70.00	0.00833	-86.97	68.59	0.00766
-88.39	67.18	0.00709	-89.80	65.76	0.00660
-91.92	63.64	0.00597	-95.46	60.10	0.00513
-98.99	56.57	0.00448	-106.07	49.50	0.00351
-113.14	42.43	0.00284	-120.21	35.36	0.00234
-127.28	28.28	0.00197	-134.35	21.21	0.00169
-141.42	14.14	0.00146	-148.49	7.07	0.00128
0.00	141.42	0.00073	-7.07	134.35	0.00089
-14.14	127.28	0.00110	-21.21	120.21	0.00139
-28.28	113.14	0.00180	-35.36	106.07	0.00239
-42.43	98.99	0.00326	-49.50	91.92	0.00458
-53.03	88.39	0.00549	-56.57	84.85	0.00667
-58.69	82.73	0.00753	-60.10	81.32	0.00819
-61.52	79.90	0.00894	-62.93	78.49	0.00977
-64.35	77.07	0.01075	-77.07	64.35	0.00935
-78.49	62.93	0.00852	-79.90	61.52	0.00784
-81.32	60.10	0.00726	-82.73	58.69	0.00677
-84.85	56.57	0.00613	-88.39	53.03	0.00528
-91.92	49.50	0.00462	-98.99	42.43	0.00363
-106.07	35.36	0.00293	-113.14	28.28	0.00242
-120.21	21.21	0.00203	-127.28	14.14	0.00174
-134.35	7.07	0.00150	-141.42	0.00	0.00131

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00078	0.00	127.28	0.00094
-7.07	120.21	0.00117	-14.14	113.14	0.00147
-21.21	106.07	0.00191	-28.28	98.99	0.00252
-35.36	91.92	0.00341	-42.43	84.85	0.00474
-45.96	81.32	0.00566	-49.50	77.78	0.00684
-51.62	75.66	0.00770	-53.03	74.25	0.00837
-54.45	72.83	0.00911	-55.86	71.42	0.00995
-57.28	70.00	0.01093	-70.00	57.28	0.00951
-71.42	55.86	0.00868	-72.83	54.45	0.00800
-74.25	53.03	0.00741	-75.66	51.62	0.00691
-77.78	49.50	0.00628	-81.32	45.96	0.00542
-84.85	42.43	0.00474	-91.92	35.36	0.00374
-98.99	28.28	0.00302	-106.07	21.21	0.00249
-113.14	14.14	0.00209	-120.21	7.07	0.00178
-127.28	0.00	0.00154	-134.35	-7.07	0.00134
14.14	127.28	0.00082	7.07	120.21	0.00100
0.00	113.14	0.00124	-7.07	106.07	0.00156
-14.14	98.99	0.00201	-21.21	91.92	0.00264
-28.28	84.85	0.00354	-35.36	77.78	0.00488
-38.89	74.25	0.00581	-42.43	70.71	0.00699
-44.55	68.59	0.00786	-45.96	67.18	0.00852
-47.38	65.76	0.00927	-48.79	64.35	0.01011
-50.20	62.93	0.01108	-62.93	50.20	0.00966
-64.35	48.79	0.00882	-65.76	47.38	0.00813
-67.18	45.96	0.00755	-68.59	44.55	0.00705
-70.71	42.43	0.00640	-74.25	38.89	0.00554
-77.78	35.36	0.00485	-84.85	28.28	0.00383
-91.92	21.21	0.00310	-98.99	14.14	0.00256
-106.07	7.07	0.00215	-113.14	0.00	0.00183
-120.21	-7.07	0.00157	-127.28	-14.14	0.00137
21.21	120.21	0.00087	14.14	113.14	0.00105
7.07	106.07	0.00130	0.00	98.99	0.00164
-7.07	91.92	0.00210	-14.14	84.85	0.00274
-21.21	77.78	0.00365	-28.28	70.71	0.00500
-31.82	67.18	0.00594	-35.36	63.64	0.00712
-37.48	61.52	0.00799	-38.89	60.10	0.00866
-40.31	58.69	0.00940	-41.72	57.28	0.01024
-43.13	55.86	0.01122	-55.86	43.13	0.00979
-57.28	41.72	0.00894	-58.69	40.31	0.00825
-60.10	38.89	0.00767	-61.52	37.48	0.00716

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:19:20

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00651	-67.18	31.82	0.00564
-70.71	28.28	0.00495	-77.78	21.21	0.00392
-84.85	14.14	0.00318	-91.92	7.07	0.00262
-98.99	0.00	0.00220	-106.07	-7.07	0.00187
-113.14	-14.14	0.00161	-120.21	-21.21	0.00140
28.28	113.14	0.00091	21.21	106.07	0.00111
14.14	98.99	0.00137	7.07	91.92	0.00172
0.00	84.85	0.00219	-7.07	77.78	0.00284
-14.14	70.71	0.00376	-21.21	63.64	0.00511
-24.75	60.10	0.00605	-28.28	56.57	0.00724
-30.41	54.45	0.00811	-31.82	53.03	0.00878
-33.23	51.62	0.00952	-34.65	50.20	0.01037
-36.06	48.79	0.01134	-48.79	36.06	0.00991
-50.20	34.65	0.00905	-51.62	33.23	0.00836
-53.03	31.82	0.00777	-54.45	30.41	0.00726
-56.57	28.28	0.00661	-60.10	24.75	0.00574
-63.64	21.21	0.00504	-70.71	14.14	0.00400
-77.78	7.07	0.00325	-84.85	0.00	0.00268
-91.92	-7.07	0.00225	-98.99	-14.14	0.00191
-106.07	-21.21	0.00164	-113.14	-28.28	0.00143
35.36	106.07	0.00096	28.28	98.99	0.00116
21.21	91.92	0.00143	14.14	84.85	0.00179
7.07	77.78	0.00227	0.00	70.71	0.00292
-7.07	63.64	0.00385	-14.14	56.57	0.00521
-17.68	53.03	0.00616	-21.21	49.50	0.00734
-23.33	47.38	0.00821	-24.75	45.96	0.00888
-26.16	44.55	0.00962	-27.58	43.13	0.01048
-28.99	41.72	0.01145	-41.72	28.99	0.01002
-43.13	27.58	0.00915	-44.55	26.16	0.00845
-45.96	24.75	0.00786	-47.38	23.33	0.00735
-49.50	21.21	0.00670	-53.03	17.68	0.00582
-56.57	14.14	0.00512	-63.64	7.07	0.00407
-70.71	0.00	0.00331	-77.78	-7.07	0.00273
-84.85	-14.14	0.00229	-91.92	-21.21	0.00195

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00167	-106.07	-35.36	0.00145
42.43	98.99	0.00100	35.36	91.92	0.00121
28.28	84.85	0.00149	21.21	77.78	0.00185
14.14	70.71	0.00234	7.07	63.64	0.00300
0.00	56.57	0.00393	-7.07	49.50	0.00530
-10.61	45.96	0.00624	-14.14	42.43	0.00743

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00831	-17.68	38.89	0.00897
-19.09	37.48	0.00971	-20.51	36.06	0.01057
-21.92	34.65	0.01155	-34.65	21.92	0.01010
-36.06	20.51	0.00924	-37.48	19.09	0.00853
-38.89	17.68	0.00794	-40.31	16.26	0.00743
-42.43	14.14	0.00678	-45.96	10.61	0.00589
-49.50	7.07	0.00519	-56.57	0.00	0.00413
-63.64	-7.07	0.00336	-70.71	-14.14	0.00278
-77.78	-21.21	0.00233	-84.85	-28.28	0.00198
-91.92	-35.36	0.00170	-98.99	-42.43	0.00148
49.50	91.92	0.00104	42.43	84.85	0.00126
35.36	77.78	0.00154	28.28	70.71	0.00191
21.21	63.64	0.00241	14.14	56.57	0.00307
7.07	49.50	0.00401	0.00	42.43	0.00538
-3.54	38.89	0.00633	-7.07	35.36	0.00752
-9.19	33.23	0.00839	-10.61	31.82	0.00906
-12.02	30.41	0.00981	-13.44	28.99	0.01066
-14.85	27.58	0.01163	-27.58	14.85	0.01015
-28.99	13.44	0.00931	-30.41	12.02	0.00861
-31.82	10.61	0.00802	-33.23	9.19	0.00751
-35.36	7.07	0.00684	-38.89	3.54	0.00596
-42.43	0.00	0.00525	-49.50	-7.07	0.00419
-56.57	-14.14	0.00341	-63.64	-21.21	0.00283
-70.71	-28.28	0.00237	-77.78	-35.36	0.00201
-84.85	-42.43	0.00173	-91.92	-49.50	0.00150
56.57	84.85	0.00108	49.50	77.78	0.00131
42.43	70.71	0.00160	35.36	63.64	0.00197
28.28	56.57	0.00247	21.21	49.50	0.00314

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00408	7.07	35.36	0.00546
3.54	31.82	0.00640	0.00	28.28	0.00760
-2.12	26.16	0.00847	-3.54	24.75	0.00914
-4.95	23.33	0.00988	-6.36	21.92	0.01072
-7.78	20.51	0.01169	-20.51	7.78	0.01021
-21.92	6.36	0.00937	-23.33	4.95	0.00867
-24.75	3.54	0.00808	-26.16	2.12	0.00757
-28.28	0.00	0.00691	-31.82	-3.54	0.00602
-35.36	-7.07	0.00531	-42.43	-14.14	0.00424
-49.50	-21.21	0.00346	-56.57	-28.28	0.00287
-63.64	-35.36	0.00241	-70.71	-42.43	0.00204
-77.78	-49.50	0.00175	-84.85	-56.57	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00112	56.57	70.71	0.00135
49.50	63.64	0.00165	42.43	56.57	0.00202
35.36	49.50	0.00252	28.28	42.43	0.00320
21.21	35.36	0.00414	14.14	28.28	0.00552
10.61	24.75	0.00646	7.07	21.21	0.00766
4.95	19.09	0.00853	3.54	17.68	0.00920
2.12	16.26	0.00994	0.71	14.85	0.01078
-0.71	13.44	0.01176	-13.44	0.71	0.01027
-14.85	-0.71	0.00942	-16.26	-2.12	0.00873
-17.68	-3.54	0.00813	-19.09	-4.95	0.00762
-21.21	-7.07	0.00696	-24.75	-10.61	0.00607
-28.28	-14.14	0.00536	-35.36	-21.21	0.00428
-42.43	-28.28	0.00350	-49.50	-35.36	0.00290
-56.57	-42.43	0.00244	-63.64	-49.50	0.00207
-70.71	-56.57	0.00178	-77.78	-63.64	0.00154
70.71	70.71	0.00116	63.64	63.64	0.00139
56.57	56.57	0.00169	49.50	49.50	0.00207
42.43	42.43	0.00258	35.36	35.36	0.00325
28.28	28.28	0.00420	21.21	21.21	0.00558
17.68	17.68	0.00652	14.14	14.14	0.00772
12.02	12.02	0.00859	10.61	10.61	0.00925
9.19	9.19	0.01000	7.78	7.78	0.01084

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01181	-6.36	-6.36	0.01032
-7.78	-7.78	0.00947	-9.19	-9.19	0.00878
-10.61	-10.61	0.00818	-12.02	-12.02	0.00767
-14.14	-14.14	0.00701	-17.68	-17.68	0.00611
-21.21	-21.21	0.00540	-28.28	-28.28	0.00432
-35.36	-35.36	0.00353	-42.43	-42.43	0.00293
-49.50	-49.50	0.00246	-56.57	-56.57	0.00209
-63.64	-63.64	0.00180	-70.71	-70.71	0.00156
77.78	63.64	0.00120	70.71	56.57	0.00143
63.64	49.50	0.00173	56.57	42.43	0.00212
49.50	35.36	0.00262	42.43	28.28	0.00330
35.36	21.21	0.00425	28.28	14.14	0.00563
24.75	10.61	0.00657	21.21	7.07	0.00777
19.09	4.95	0.00864	17.68	3.54	0.00930
16.26	2.12	0.01005	14.85	0.71	0.01089
13.44	-0.71	0.01186	0.71	-13.44	0.01037
-0.71	-14.85	0.00952	-2.12	-16.26	0.00882
-3.54	-17.68	0.00822	-4.95	-19.09	0.00771

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00705	-10.61	-24.75	0.00615
-14.14	-28.28	0.00544	-21.21	-35.36	0.00435
-28.28	-42.43	0.00356	-35.36	-49.50	0.00296
-42.43	-56.57	0.00249	-49.50	-63.64	0.00212
-56.57	-70.71	0.00182	-63.64	-77.78	0.00157
84.85	56.57	0.00123	77.78	49.50	0.00147
70.71	42.43	0.00177	63.64	35.36	0.00216
56.57	28.28	0.00267	49.50	21.21	0.00335
42.43	14.14	0.00429	35.36	7.07	0.00567
31.82	3.54	0.00662	28.28	0.00	0.00781
26.16	-2.12	0.00868	24.75	-3.54	0.00935
23.33	-4.95	0.01009	21.92	-6.36	0.01093
20.51	-7.78	0.01190	7.78	-20.51	0.01041
6.36	-21.92	0.00955	4.95	-23.33	0.00886
3.54	-24.75	0.00826	2.12	-26.16	0.00774
0.00	-28.28	0.00708	-3.54	-31.82	0.00618

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00547	-14.14	-42.43	0.00438
-21.21	-49.50	0.00359	-28.28	-56.57	0.00298
-35.36	-63.64	0.00251	-42.43	-70.71	0.00213
-49.50	-77.78	0.00183	-56.57	-84.85	0.00159
91.92	49.50	0.00126	84.85	42.43	0.00151
77.78	35.36	0.00181	70.71	28.28	0.00220
63.64	21.21	0.00271	56.57	14.14	0.00339
49.50	7.07	0.00433	42.43	0.00	0.00571
38.89	-3.54	0.00666	35.36	-7.07	0.00785
33.23	-9.19	0.00872	31.82	-10.61	0.00938
30.41	-12.02	0.01012	28.99	-13.44	0.01097
27.58	-14.85	0.01194	14.85	-27.58	0.01045
13.44	-28.99	0.00959	12.02	-30.41	0.00888
10.61	-31.82	0.00829	9.19	-33.23	0.00777
7.07	-35.36	0.00710	3.54	-38.89	0.00621
0.00	-42.43	0.00549	-7.07	-49.50	0.00440
-14.14	-56.57	0.00361	-21.21	-63.64	0.00300
-28.28	-70.71	0.00253	-35.36	-77.78	0.00215
-42.43	-84.85	0.00185	-49.50	-91.92	0.00160
98.99	42.43	0.00130	91.92	35.36	0.00154
84.85	28.28	0.00184	77.78	21.21	0.00223
70.71	14.14	0.00274	63.64	7.07	0.00342
56.57	0.00	0.00437	49.50	-7.07	0.00575
45.96	-10.61	0.00669	42.43	-14.14	0.00788

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00875	38.89	-17.68	0.00942
37.48	-19.09	0.01016	36.06	-20.51	0.01101
34.65	-21.92	0.01198	21.92	-34.65	0.01049
20.51	-36.06	0.00962	19.09	-37.48	0.00890
17.68	-38.89	0.00831	16.26	-40.31	0.00779
14.14	-42.43	0.00712	10.61	-45.96	0.00622
7.07	-49.50	0.00551	0.00	-56.57	0.00442
-7.07	-63.64	0.00362	-14.14	-70.71	0.00301
-21.21	-77.78	0.00254	-28.28	-84.85	0.00216
-35.36	-91.92	0.00186	-42.43	-98.99	0.00161

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00132	98.99	28.28	0.00157
91.92	21.21	0.00188	84.85	14.14	0.00227
77.78	7.07	0.00277	70.71	0.00	0.00345
63.64	-7.07	0.00440	56.57	-14.14	0.00577
53.03	-17.68	0.00672	49.50	-21.21	0.00791
47.38	-23.33	0.00878	45.96	-24.75	0.00944
44.55	-26.16	0.01018	43.13	-27.58	0.01103
41.72	-28.99	0.01201	28.99	-41.72	0.01050
27.58	-43.13	0.00964	26.16	-44.55	0.00892
24.75	-45.96	0.00832	23.33	-47.38	0.00781
21.21	-49.50	0.00714	17.68	-53.03	0.00624
14.14	-56.57	0.00552	7.07	-63.64	0.00443
0.00	-70.71	0.00363	-7.07	-77.78	0.00302
-14.14	-84.85	0.00255	-21.21	-91.92	0.00217
-28.28	-98.99	0.00187	-35.36	-106.07	0.00162
113.14	28.28	0.00135	106.07	21.21	0.00160
98.99	14.14	0.00191	91.92	7.07	0.00230
84.85	0.00	0.00280	77.78	-7.07	0.00348
70.71	-14.14	0.00443	63.64	-21.21	0.00580
60.10	-24.75	0.00674	56.57	-28.28	0.00793
54.45	-30.41	0.00880	53.03	-31.82	0.00947
51.62	-33.23	0.01021	50.20	-34.65	0.01105
48.79	-36.06	0.01202	36.06	-48.79	0.01049
34.65	-50.20	0.00964	33.23	-51.62	0.00894
31.82	-53.03	0.00834	30.41	-54.45	0.00782
28.28	-56.57	0.00715	24.75	-60.10	0.00625
21.21	-63.64	0.00553	14.14	-70.71	0.00444
7.07	-77.78	0.00364	0.00	-84.85	0.00303
-7.07	-91.92	0.00255	-14.14	-98.99	0.00218
-21.21	-106.07	0.00187	-28.28	-113.14	0.00162

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00138	113.14	14.14	0.00162
106.07	7.07	0.00193	98.99	0.00	0.00232
91.92	-7.07	0.00283	84.85	-14.14	0.00351
77.78	-21.21	0.00445	70.71	-28.28	0.00582

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00676	63.64	-35.36	0.00795
61.52	-37.48	0.00882	60.10	-38.89	0.00948
58.69	-40.31	0.01022	57.28	-41.72	0.01106
55.86	-43.13	0.01202	43.13	-55.86	0.01049
41.72	-57.28	0.00964	40.31	-58.69	0.00894
38.89	-60.10	0.00834	37.48	-61.52	0.00782
35.36	-63.64	0.00715	31.82	-67.18	0.00625
28.28	-70.71	0.00553	21.21	-77.78	0.00444
14.14	-84.85	0.00364	7.07	-91.92	0.00303
0.00	-98.99	0.00256	-7.07	-106.07	0.00218
-14.14	-113.14	0.00188	-21.21	-120.21	0.00163
127.28	14.14	0.00140	120.21	7.07	0.00165
113.14	0.00	0.00196	106.07	-7.07	0.00235
98.99	-14.14	0.00285	91.92	-21.21	0.00353
84.85	-28.28	0.00447	77.78	-35.36	0.00584
74.25	-38.89	0.00677	70.71	-42.43	0.00796
68.59	-44.55	0.00883	67.18	-45.96	0.00948
65.76	-47.38	0.01023	64.35	-48.79	0.01106
62.93	-50.20	0.01203	50.20	-62.93	0.01049
48.79	-64.35	0.00964	47.38	-65.76	0.00893
45.96	-67.18	0.00833	44.55	-68.59	0.00782
42.43	-70.71	0.00715	38.89	-74.25	0.00624
35.36	-77.78	0.00552	28.28	-84.85	0.00443
21.21	-91.92	0.00364	14.14	-98.99	0.00303
7.07	-106.07	0.00256	0.00	-113.14	0.00218
-7.07	-120.21	0.00188	-14.14	-127.28	0.00163
134.35	7.07	0.00142	127.28	0.00	0.00167
120.21	-7.07	0.00198	113.14	-14.14	0.00237
106.07	-21.21	0.00287	98.99	-28.28	0.00355
91.92	-35.36	0.00448	84.85	-42.43	0.00585
81.32	-45.96	0.00678	77.78	-49.50	0.00796
75.66	-51.62	0.00883	74.25	-53.03	0.00948
72.83	-54.45	0.01023	71.42	-55.86	0.01106
70.00	-57.28	0.01203	57.28	-70.00	0.01048
55.86	-71.42	0.00962	54.45	-72.83	0.00892
53.03	-74.25	0.00832	51.62	-75.66	0.00780

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00714	45.96	-81.32	0.00623
42.43	-84.85	0.00551	35.36	-91.92	0.00442
28.28	-98.99	0.00363	21.21	-106.07	0.00302
14.14	-113.14	0.00255	7.07	-120.21	0.00218
0.00	-127.28	0.00188	-7.07	-134.35	0.00163
141.42	0.00	0.00144	134.35	-7.07	0.00169
127.28	-14.14	0.00200	120.21	-21.21	0.00239
113.14	-28.28	0.00289	106.07	-35.36	0.00356
98.99	-42.43	0.00450	91.92	-49.50	0.00585
88.39	-53.03	0.00678	84.85	-56.57	0.00796
82.73	-58.69	0.00882	81.32	-60.10	0.00948
79.90	-61.52	0.01022	78.49	-62.93	0.01105
77.07	-64.35	0.01202	64.35	-77.07	0.01047
62.93	-78.49	0.00960	61.52	-79.90	0.00890
60.10	-81.32	0.00830	58.69	-82.73	0.00778
56.57	-84.85	0.00711	53.03	-88.39	0.00621
49.50	-91.92	0.00549	42.43	-98.99	0.00440
35.36	-106.07	0.00361	28.28	-113.14	0.00301
21.21	-120.21	0.00254	14.14	-127.28	0.00217
7.07	-134.35	0.00187	0.00	-141.42	0.00163
148.49	-7.07	0.00146	141.42	-14.14	0.00171
134.35	-21.21	0.00201	127.28	-28.28	0.00240
120.21	-35.36	0.00291	113.14	-42.43	0.00357
106.07	-49.50	0.00450	98.99	-56.57	0.00586
95.46	-60.10	0.00678	91.92	-63.64	0.00795
89.80	-65.76	0.00881	88.39	-67.18	0.00947
86.97	-68.59	0.01020	85.56	-70.00	0.01103
84.15	-71.42	0.01200	71.42	-84.15	0.01044
70.00	-85.56	0.00957	68.59	-86.97	0.00887
67.18	-88.39	0.00827	65.76	-89.80	0.00775
63.64	-91.92	0.00708	60.10	-95.46	0.00618
56.57	-98.99	0.00546	49.50	-106.07	0.00438
42.43	-113.14	0.00359	35.36	-120.21	0.00299
28.28	-127.28	0.00253	21.21	-134.35	0.00216
14.14	-141.42	0.00186	7.07	-148.49	0.00162
155.56	-14.14	0.00148	148.49	-21.21	0.00172
141.42	-28.28	0.00203	134.35	-35.36	0.00242
127.28	-42.43	0.00292	120.21	-49.50	0.00358
113.14	-56.57	0.00451	106.07	-63.64	0.00585
102.53	-67.18	0.00677	98.99	-70.71	0.00794

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00879	95.46	-74.25	0.00945	
94.05	-75.66	0.01018	92.63	-77.07	0.01101	
91.22	-78.49	0.01197	78.49	-91.22	0.01041	
77.07	-92.63	0.00953	75.66	-94.05	0.00882	
74.25	-95.46	0.00823	72.83	-96.87	0.00771	
70.71	-98.99	0.00704	67.18	-102.53	0.00614	
63.64	-106.07	0.00542	56.57	-113.14	0.00434	
49.50	-120.21	0.00356	42.43	-127.28	0.00297	
35.36	-134.35	0.00251	28.28	-141.42	0.00215	
21.21	-148.49	0.00185	14.14	-155.56	0.00161	
162.63	-21.21	0.00149	155.56	-28.28	0.00174	
148.49	-35.36	0.00204	141.42	-42.43	0.00243	
134.35	-49.50	0.00293	127.28	-56.57	0.00359	
120.21	-63.64	0.00451	113.14	-70.71	0.00584	
109.60	-74.25	0.00676	106.07	-77.78	0.00791	
103.94	-79.90	0.00877	102.53	-81.32	0.00942	
101.12	-82.73	0.01014	99.70	-84.15	0.01098	
98.29	-85.56	0.01194	85.56	-98.29	0.01036	
84.15	-99.70	0.00948	82.73	-101.12	0.00876	
81.32	-102.53	0.00816	79.90	-103.94	0.00765	
77.78	-106.07	0.00698	74.25	-109.60	0.00608	
70.71	-113.14	0.00537	63.64	-120.21	0.00430	
56.57	-127.28	0.00353	49.50	-134.35	0.00294	
42.43	-141.42	0.00249	35.36	-148.49	0.00213	
28.28	-155.56	0.00183	21.21	-162.63	0.00159	
169.71	-28.28	0.00151	162.63	-35.36	0.00175	
155.56	-42.43	0.00206	148.49	-49.50	0.00244	
141.42	-56.57	0.00293	134.35	-63.64	0.00359	
127.28	-70.71	0.00450	120.21	-77.78	0.00582	
116.67	-81.32	0.00673	113.14	-84.85	0.00788	
111.02	-86.97	0.00873	109.60	-88.39	0.00937	
108.19	-89.80	0.01010	106.77	-91.22	0.01093	
105.36	-92.63	0.01189	92.63	-105.36	0.01028	
91.22	-106.77	0.00941	89.80	-108.19	0.00869	
88.39	-109.60	0.00809	86.97	-111.02	0.00757	
84.85	-113.14	0.00690	81.32	-116.67	0.00601	

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00530	70.71	-127.28	0.00425
63.64	-134.35	0.00349	56.57	-141.42	0.00291
49.50	-148.49	0.00246	42.43	-155.56	0.00211
35.36	-162.63	0.00182	28.28	-169.71	0.00158

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00152	169.71	-42.43	0.00177
162.63	-49.50	0.00207	155.56	-56.57	0.00245
148.49	-63.64	0.00294	141.42	-70.71	0.00359
134.35	-77.78	0.00449	127.28	-84.85	0.00580
123.74	-88.39	0.00670	120.21	-91.92	0.00784
118.09	-94.05	0.00869	116.67	-95.46	0.00933
115.26	-96.87	0.01005	113.84	-98.29	0.01087
112.43	-99.70	0.01182	99.70	-112.43	0.01015
98.29	-113.84	0.00930	96.87	-115.26	0.00860
95.46	-116.67	0.00800	94.05	-118.09	0.00748
91.92	-120.21	0.00681	88.39	-123.74	0.00593
84.85	-127.28	0.00522	77.78	-134.35	0.00418
70.71	-141.42	0.00344	63.64	-148.49	0.00287
56.57	-155.56	0.00243	49.50	-162.63	0.00208
42.43	-169.71	0.00179	35.36	-176.78	0.00156
183.85	-42.43	0.00153	176.78	-49.50	0.00178
169.71	-56.57	0.00208	162.63	-63.64	0.00246
155.56	-70.71	0.00294	148.49	-77.78	0.00359
141.42	-84.85	0.00448	134.35	-91.92	0.00578
130.81	-95.46	0.00667	127.28	-98.99	0.00780
125.16	-101.12	0.00863	123.74	-102.53	0.00926
122.33	-103.94	0.00997	120.92	-105.36	0.01078
119.50	-106.77	0.01172	106.77	-119.50	0.01002
105.36	-120.92	0.00917	103.94	-122.33	0.00846
102.53	-123.74	0.00787	101.12	-125.16	0.00736
98.99	-127.28	0.00670	95.46	-130.81	0.00582
91.92	-134.35	0.00513	84.85	-141.42	0.00411
77.78	-148.49	0.00338	70.71	-155.56	0.00282
63.64	-162.63	0.00239	56.57	-169.71	0.00204
49.50	-176.78	0.00177	42.43	-183.85	0.00154

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00154	183.85	-56.57	0.00178
176.78	-63.64	0.00208	169.71	-70.71	0.00246
162.63	-77.78	0.00294	155.56	-84.85	0.00358
148.49	-91.92	0.00446	141.42	-98.99	0.00575
137.89	-102.53	0.00662	134.35	-106.07	0.00774
132.23	-108.19	0.00855	130.81	-109.60	0.00918
129.40	-111.02	0.00988	127.99	-112.43	0.01068
126.57	-113.84	0.01161	113.84	-126.57	0.00985
112.43	-127.99	0.00900	111.02	-129.40	0.00830
109.60	-130.81	0.00771	108.19	-132.23	0.00720

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00656	102.53	-137.89	0.00569
98.99	-141.42	0.00502	91.92	-148.49	0.00403
84.85	-155.56	0.00331	77.78	-162.63	0.00277
70.71	-169.71	0.00234	63.64	-176.78	0.00201
56.57	-183.85	0.00174	49.50	-190.92	0.00152
197.99	-56.57	0.00154	190.92	-63.64	0.00179
183.85	-70.71	0.00208	176.78	-77.78	0.00246
169.71	-84.85	0.00294	162.63	-91.92	0.00357
155.56	-98.99	0.00445	148.49	-106.07	0.00571
144.96	-109.60	0.00657	141.42	-113.14	0.00766
139.30	-115.26	0.00846	137.89	-116.67	0.00907
136.47	-118.09	0.00977	135.06	-119.50	0.01055
133.64	-120.92	0.01147	120.92	-133.64	0.00964
119.50	-135.06	0.00879	118.09	-136.47	0.00810
116.67	-137.89	0.00751	115.26	-139.30	0.00702
113.14	-141.42	0.00638	109.60	-144.96	0.00555
106.07	-148.49	0.00490	98.99	-155.56	0.00393
91.92	-162.63	0.00323	84.85	-169.71	0.00270
77.78	-176.78	0.00230	70.71	-183.85	0.00198
63.64	-190.92	0.00172	56.57	-197.99	0.00150
205.06	-63.64	0.00155	197.99	-70.71	0.00179
190.92	-77.78	0.00208	183.85	-84.85	0.00245
176.78	-91.92	0.00293	169.71	-98.99	0.00356
162.63	-106.07	0.00442	155.56	-113.14	0.00566

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00651	148.49	-120.21	0.00758
146.37	-122.33	0.00836	144.96	-123.74	0.00895
143.54	-125.16	0.00963	142.13	-126.57	0.01039
140.71	-127.99	0.01129	127.99	-140.71	0.00936
126.57	-142.13	0.00852	125.16	-143.54	0.00784
123.74	-144.96	0.00727	122.33	-146.37	0.00679
120.21	-148.49	0.00618	116.67	-152.03	0.00538
113.14	-155.56	0.00475	106.07	-162.63	0.00382
98.99	-169.71	0.00315	91.92	-176.78	0.00264
84.85	-183.85	0.00225	77.78	-190.92	0.00194
70.71	-197.99	0.00169	63.64	-205.06	0.00148
212.13	-70.71	0.00155	205.06	-77.78	0.00179
197.99	-84.85	0.00208	190.92	-91.92	0.00245
183.85	-98.99	0.00292	176.78	-106.07	0.00354
169.71	-113.14	0.00439	162.63	-120.21	0.00562
159.10	-123.74	0.00644	155.56	-127.28	0.00748

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00824	152.03	-130.81	0.00882
150.61	-132.23	0.00947	149.20	-133.64	0.01020
147.79	-135.06	0.01107	135.06	-147.79	0.00901
133.64	-149.20	0.00818	132.23	-150.61	0.00754
130.81	-152.03	0.00700	129.40	-153.44	0.00654
127.28	-155.56	0.00596	123.74	-159.10	0.00519
120.21	-162.63	0.00459	113.14	-169.71	0.00370
106.07	-176.78	0.00307	98.99	-183.85	0.00259
91.92	-190.92	0.00221	84.85	-197.99	0.00191
77.78	-205.06	0.00166	70.71	-212.13	0.00146
219.20	-77.78	0.00155	212.13	-84.85	0.00179
205.06	-91.92	0.00208	197.99	-98.99	0.00244
190.92	-106.07	0.00290	183.85	-113.14	0.00351
176.78	-120.21	0.00435	169.71	-127.28	0.00555
166.17	-130.81	0.00637	162.63	-134.35	0.00739
160.51	-136.47	0.00812	159.10	-137.89	0.00868
157.68	-139.30	0.00930	156.27	-140.71	0.01000
154.86	-142.13	0.01082	142.13	-154.86	0.00860

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00782	139.30	-157.68	0.00721
137.89	-159.10	0.00670	136.47	-160.51	0.00627
134.35	-162.63	0.00573	130.81	-166.17	0.00501
127.28	-169.71	0.00444	120.21	-176.78	0.00360
113.14	-183.85	0.00299	106.07	-190.92	0.00252
98.99	-197.99	0.00216	91.92	-205.06	0.00187
84.85	-212.13	0.00163	77.78	-219.20	0.00144
226.27	-84.85	0.00155	219.20	-91.92	0.00179
212.13	-98.99	0.00207	205.06	-106.07	0.00243
197.99	-113.14	0.00288	190.92	-120.21	0.00348
183.85	-127.28	0.00430	176.78	-134.35	0.00548
173.24	-137.89	0.00627	169.71	-141.42	0.00727
167.58	-143.54	0.00798	166.17	-144.96	0.00853
164.76	-146.37	0.00913	163.34	-147.79	0.00981
161.93	-149.20	0.01059	149.20	-161.93	0.00819
147.79	-163.34	0.00748	146.37	-164.76	0.00691
144.96	-166.17	0.00645	143.54	-167.58	0.00605
141.42	-169.71	0.00554	137.89	-173.24	0.00485
134.35	-176.78	0.00431	127.28	-183.85	0.00350
120.21	-190.92	0.00291	113.14	-197.99	0.00247
106.07	-205.06	0.00212	98.99	-212.13	0.00183
91.92	-219.20	0.00161	84.85	-226.27	0.00142

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00155	226.27	-98.99	0.00178
219.20	-106.07	0.00206	212.13	-113.14	0.00241
205.06	-120.21	0.00285	197.99	-127.28	0.00344
190.92	-134.35	0.00424	183.85	-141.42	0.00538
180.31	-144.96	0.00615	176.78	-148.49	0.00711
174.66	-150.61	0.00780	173.24	-152.03	0.00832
171.83	-153.44	0.00889	170.41	-154.86	0.00953
169.00	-156.27	0.01023	156.27	-169.00	0.00782
154.86	-170.41	0.00719	153.44	-171.83	0.00666
152.03	-173.24	0.00622	150.61	-174.66	0.00584
148.49	-176.78	0.00536	144.96	-180.31	0.00470
141.42	-183.85	0.00418	134.35	-190.92	0.00340

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00284	120.21	-205.06	0.00241
113.14	-212.13	0.00207	106.07	-219.20	0.00180
98.99	-226.27	0.00158	91.92	-233.35	0.00139
240.42	-98.99	0.00154	233.35	-106.07	0.00177
226.27	-113.14	0.00204	219.20	-120.21	0.00238
212.13	-127.28	0.00282	205.06	-134.35	0.00338
197.99	-141.42	0.00415	190.92	-148.49	0.00524
187.38	-152.03	0.00595	183.85	-155.56	0.00681
181.73	-157.68	0.00740	180.31	-159.10	0.00783
178.90	-160.51	0.00827	177.48	-161.93	0.00872
176.07	-163.34	0.00912	163.34	-176.07	0.00722
161.93	-177.48	0.00675	160.51	-178.90	0.00632
159.10	-180.31	0.00594	157.68	-181.73	0.00559
155.56	-183.85	0.00514	152.03	-187.38	0.00452
148.49	-190.92	0.00402	141.42	-197.99	0.00328
134.35	-205.06	0.00274	127.28	-212.13	0.00234
120.21	-219.20	0.00201	113.14	-226.27	0.00176
106.07	-233.35	0.00154	98.99	-240.42	0.00137
247.49	-106.07	0.00154	240.42	-113.14	0.00175
233.35	-120.21	0.00202	226.27	-127.28	0.00235
219.20	-134.35	0.00277	212.13	-141.42	0.00331
205.06	-148.49	0.00403	197.99	-155.56	0.00501
194.45	-159.10	0.00562	190.92	-162.63	0.00631
188.80	-164.76	0.00675	187.38	-166.17	0.00703
185.97	-167.58	0.00729	184.55	-169.00	0.00753
183.14	-170.41	0.00773	170.41	-183.14	0.00643
169.00	-184.55	0.00611	167.58	-185.97	0.00580
166.17	-187.38	0.00551	164.76	-188.80	0.00523

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00485	159.10	-194.45	0.00431
155.56	-197.99	0.00386	148.49	-205.06	0.00316
141.42	-212.13	0.00264	134.35	-219.20	0.00226
127.28	-226.27	0.00195	120.21	-233.35	0.00171
113.14	-240.42	0.00151	106.07	-247.49	0.00134

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*

04/20/08

17NCRA\_PL92-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00745 AT ( 161.93, -149.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00743 AT ( 169.00, -156.27, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00730 AT ( 154.86, -142.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT ( 147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00673 AT ( 170.41, -154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00669 AT ( 163.34, -147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00667 AT ( 140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00659 AT ( 176.07, -163.34, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00649 AT ( 156.27, -140.71, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00621 AT ( 149.20, -133.64, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00745 AT ( 98.29, -85.56, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00743 AT ( 105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00730 AT ( 91.22, -78.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT ( 84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00673 AT ( 106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00669 AT ( 99.70, -84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00667 AT ( 77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00659 AT ( 112.43, -99.70, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00649 AT ( 92.63, -77.07, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00621 AT ( 85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00745 AT ( 34.65, -21.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00743 AT ( 41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00730 AT ( 27.58, -14.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT ( 20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00673 AT ( 43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00669 AT ( 36.06, -20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00666 AT ( 13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00659 AT ( 48.79, -36.06, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00649 AT ( 28.99, -13.44, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00621 AT ( 21.92, -6.36, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00745 AT ( -28.99, 41.72, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00743 AT ( -21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00730 AT ( -36.06, 48.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT ( -43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00673 AT ( -20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00669 AT ( -27.58, 43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00666 AT ( -50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00659 AT ( -14.85, 27.58, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00649 AT ( -34.65, 50.20, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00621 AT ( -41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00745 AT ( -92.63, 105.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00743 AT ( -85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00730 AT ( -99.70, 112.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT ( -106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00673 AT ( -84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00669 AT ( -91.22, 106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00666 AT ( -113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00659 AT ( -78.49, 91.22, 0.00, 1.20)	DC	NA



		17NCRA_PL92-300_DPM_TRAV_ANN_SE-NW Bound								
	9TH HIGHEST VALUE IS	0.00649	AT (	-98.29,	113.84,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00621	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01203	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01203	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01202	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01202	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01202	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01201	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01200	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01198	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01197	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01194	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:19:20

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 4 Informational Message(s)  
 A Total of 4 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 15:29:43

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at SE/NW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-98.99	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
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RE DISCCART	-150.61	174.66	1.2
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RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
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RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
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RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-98.99	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	99.0	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
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RE DISCCART	-108.19	132.23	1.2
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RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2



RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
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RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
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RE DISCCART	-106.07	77.78	1.2
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RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
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RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
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RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART -89.8 65.76 1.2  
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RE DISCCART -95.46 60.1 1.2  
RE DISCCART -98.99 56.57 1.2  
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RE DISCCART -113.14 42.43 1.2  
RE DISCCART -120.21 35.36 1.2  
RE DISCCART -127.28 28.28 1.2  
RE DISCCART -134.35 21.21 1.2  
RE DISCCART -141.42 14.14 1.2  
RE DISCCART -148.49 7.07 1.2  
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RE DISCCART -88.39 53.03 1.2  
RE DISCCART -91.92 49.5 1.2  
RE DISCCART -98.99 42.43 1.2  
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RE DISCCART -120.21 21.21 1.2  
RE DISCCART -127.28 14.14 1.2  
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RE DISCCART 7.07 134.35 1.2  
RE DISCCART 0.0 127.28 1.2  
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
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RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
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RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
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RE DISCCART	-127.28	-14.14	1.2
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RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
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RE DISCCART	-55.86	43.13	1.2
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RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
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RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
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RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
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RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
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RE DISCCART	14.14	84.85	1.2
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RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
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RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2



RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
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RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
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RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
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RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

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RE DISCCART 49.5 91.92 1.2  
RE DISCCART 42.43 84.85 1.2  
RE DISCCART 35.36 77.78 1.2  
RE DISCCART 28.28 70.71 1.2  
RE DISCCART 21.21 63.64 1.2  
RE DISCCART 14.14 56.57 1.2  
RE DISCCART 7.07 49.5 1.2  
RE DISCCART 0.0 42.43 1.2  
RE DISCCART -3.54 38.89 1.2  
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RE DISCCART -9.19 33.23 1.2  
RE DISCCART -10.61 31.82 1.2  
RE DISCCART -12.02 30.41 1.2  
RE DISCCART -13.44 28.99 1.2  
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RE DISCCART -27.58 14.85 1.2  
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RE DISCCART -33.23 9.19 1.2  
RE DISCCART -35.36 7.07 1.2  
RE DISCCART -38.89 3.54 1.2  
RE DISCCART -42.43 0.0 1.2  
RE DISCCART -49.5 -7.07 1.2  
RE DISCCART -56.57 -14.14 1.2  
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RE DISCCART 56.57 84.85 1.2  
RE DISCCART 49.5 77.78 1.2  
RE DISCCART 42.43 70.71 1.2  
RE DISCCART 35.36 63.64 1.2  
RE DISCCART 28.28 56.57 1.2  
RE DISCCART 21.21 49.5 1.2  
RE DISCCART 14.14 42.43 1.2  
RE DISCCART 7.07 35.36 1.2  
RE DISCCART 3.54 31.82 1.2  
RE DISCCART 0.0 28.28 1.2  
RE DISCCART -2.12 26.16 1.2  
RE DISCCART -3.54 24.75 1.2  
RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-20.51	7.78	1.2
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RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
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RE DISCCART	3.54	17.68	1.2
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RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
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RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2  
RE DISCCART 0.0 -70.71 1.2  
RE DISCCART -7.07 -77.78 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -91.92 1.2  
RE DISCCART -28.28 -98.99 1.2  
RE DISCCART -35.36 -106.07 1.2  
RE DISCCART 113.14 28.28 1.2  
RE DISCCART 106.07 21.21 1.2  
RE DISCCART 98.99 14.14 1.2  
RE DISCCART 91.92 7.07 1.2  
RE DISCCART 84.85 0.0 1.2  
RE DISCCART 77.78 -7.07 1.2  
RE DISCCART 70.71 -14.14 1.2  
RE DISCCART 63.64 -21.21 1.2  
RE DISCCART 60.1 -24.75 1.2  
RE DISCCART 56.57 -28.28 1.2  
RE DISCCART 54.45 -30.41 1.2  
RE DISCCART 53.03 -31.82 1.2  
RE DISCCART 51.62 -33.23 1.2  
RE DISCCART 50.2 -34.65 1.2  
RE DISCCART 48.79 -36.06 1.2  
RE DISCCART 36.06 -48.79 1.2  
RE DISCCART 34.65 -50.2 1.2  
RE DISCCART 33.23 -51.62 1.2  
RE DISCCART 31.82 -53.03 1.2  
RE DISCCART 30.41 -54.45 1.2  
RE DISCCART 28.28 -56.57 1.2  
RE DISCCART 24.75 -60.1 1.2  
RE DISCCART 21.21 -63.64 1.2  
RE DISCCART 14.14 -70.71 1.2  
RE DISCCART 7.07 -77.78 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -98.99 1.2  
RE DISCCART -21.21 -106.07 1.2  
RE DISCCART -28.28 -113.14 1.2  
RE DISCCART 120.21 21.21 1.2  
RE DISCCART 113.14 14.14 1.2  
RE DISCCART 106.07 7.07 1.2  
RE DISCCART 98.99 0.0 1.2  
RE DISCCART 91.92 -7.07 1.2  
RE DISCCART 84.85 -14.14 1.2  
RE DISCCART 77.78 -21.21 1.2



RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART 141.42 -42.43 1.2  
 RE DISCCART 134.35 -49.5 1.2  
 RE DISCCART 127.28 -56.57 1.2  
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 RE DISCCART 109.6 -74.25 1.2  
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 RE DISCCART 103.94 -79.9 1.2  
 RE DISCCART 102.53 -81.32 1.2  
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 RE DISCCART 49.5 -134.35 1.2  
 RE DISCCART 42.43 -141.42 1.2  
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 RE DISCCART 28.28 -155.56 1.2  
 RE DISCCART 21.21 -162.63 1.2  
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 RE DISCCART 162.63 -35.36 1.2  
 RE DISCCART 155.56 -42.43 1.2  
 RE DISCCART 148.49 -49.5 1.2  
 RE DISCCART 141.42 -56.57 1.2  
 RE DISCCART 134.35 -63.64 1.2  
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 RE DISCCART 116.67 -81.32 1.2  
 RE DISCCART 113.14 -84.85 1.2  
 RE DISCCART 111.02 -86.97 1.2  
 RE DISCCART 109.6 -88.39 1.2  
 RE DISCCART 108.19 -89.8 1.2  
 RE DISCCART 106.77 -91.22 1.2  
 RE DISCCART 105.36 -92.63 1.2  
 RE DISCCART 92.63 -105.36 1.2  
 RE DISCCART 91.22 -106.77 1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
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RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
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RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
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RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
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RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2



RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
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RE DISCCART	155.56	-113.14	1.2
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RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
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RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
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RE DISCCART	155.56	-127.28	1.2
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RE DISCCART	135.06	-147.79	1.2
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RE DISCCART	120.21	-162.63	1.2
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RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
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RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
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RE DISCCART	159.1	-137.89	1.2
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RE DISCCART	142.13	-154.86	1.2
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RE DISCCART	127.28	-169.71	1.2
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RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
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RE DISCCART	197.99	-113.14	1.2
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RE DISCCART	144.96	-166.17	1.2
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RE DISCCART	141.42	-169.71	1.2
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RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
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RE DISCCART	163.34	-176.07	1.2
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RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

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\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\18NCRA-1.DAT



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

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( -157.7,	181.7,	0.0,	1.2);	( -159.1,	180.3,	0.0,	1.2);
( -160.5,	178.9,	0.0,	1.2);	( -161.9,	177.5,	0.0,	1.2);
( -163.3,	176.1,	0.0,	1.2);	( -176.1,	163.3,	0.0,	1.2);
( -177.5,	161.9,	0.0,	1.2);	( -178.9,	160.5,	0.0,	1.2);
( -180.3,	159.1,	0.0,	1.2);	( -181.7,	157.7,	0.0,	1.2);
( -183.9,	155.6,	0.0,	1.2);	( -187.4,	152.0,	0.0,	1.2);
( -190.9,	148.5,	0.0,	1.2);	( -198.0,	141.4,	0.0,	1.2);
( -205.1,	134.4,	0.0,	1.2);	( -212.1,	127.3,	0.0,	1.2);
( -219.2,	120.2,	0.0,	1.2);	( -226.3,	113.1,	0.0,	1.2);
( -233.4,	106.1,	0.0,	1.2);	( -240.4,	99.0,	0.0,	1.2);
( -91.9,	233.4,	0.0,	1.2);	( -99.0,	226.3,	0.0,	1.2);
( -106.1,	219.2,	0.0,	1.2);	( -113.1,	212.1,	0.0,	1.2);
( -120.2,	205.1,	0.0,	1.2);	( -127.3,	198.0,	0.0,	1.2);
( -134.4,	190.9,	0.0,	1.2);	( -141.4,	183.9,	0.0,	1.2);
( -145.0,	180.3,	0.0,	1.2);	( -148.5,	176.8,	0.0,	1.2);
( -150.6,	174.7,	0.0,	1.2);	( -152.0,	173.2,	0.0,	1.2);
( -153.4,	171.8,	0.0,	1.2);	( -154.9,	170.4,	0.0,	1.2);
( -156.3,	169.0,	0.0,	1.2);	( -169.0,	156.3,	0.0,	1.2);
( -170.4,	154.9,	0.0,	1.2);	( -171.8,	153.4,	0.0,	1.2);
( -173.2,	152.0,	0.0,	1.2);	( -174.7,	150.6,	0.0,	1.2);
( -176.8,	148.5,	0.0,	1.2);	( -180.3,	145.0,	0.0,	1.2);
( -183.9,	141.4,	0.0,	1.2);	( -190.9,	134.4,	0.0,	1.2);
( -198.0,	127.3,	0.0,	1.2);	( -205.1,	120.2,	0.0,	1.2);
( -212.1,	113.1,	0.0,	1.2);	( -219.2,	106.1,	0.0,	1.2);
( -226.3,	99.0,	0.0,	1.2);	( -233.4,	91.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43



\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -84.8, 226.3, 0.0, 1.2);	( -91.9, 219.2, 0.0, 1.2);
( -99.0, 212.1, 0.0, 1.2);	( -106.1, 205.1, 0.0, 1.2);
( -113.1, 198.0, 0.0, 1.2);	( -120.2, 190.9, 0.0, 1.2);
( -127.3, 183.9, 0.0, 1.2);	( -134.4, 176.8, 0.0, 1.2);
( -137.9, 173.2, 0.0, 1.2);	( -141.4, 169.7, 0.0, 1.2);
( -143.5, 167.6, 0.0, 1.2);	( -145.0, 166.2, 0.0, 1.2);
( -146.4, 164.8, 0.0, 1.2);	( -147.8, 163.3, 0.0, 1.2);
( -149.2, 161.9, 0.0, 1.2);	( -161.9, 149.2, 0.0, 1.2);
( -163.3, 147.8, 0.0, 1.2);	( -164.8, 146.4, 0.0, 1.2);
( -166.2, 145.0, 0.0, 1.2);	( -167.6, 143.5, 0.0, 1.2);
( -169.7, 141.4, 0.0, 1.2);	( -173.2, 137.9, 0.0, 1.2);
( -176.8, 134.4, 0.0, 1.2);	( -183.9, 127.3, 0.0, 1.2);
( -190.9, 120.2, 0.0, 1.2);	( -198.0, 113.1, 0.0, 1.2);
( -205.1, 106.1, 0.0, 1.2);	( -212.1, 99.0, 0.0, 1.2);
( -219.2, 91.9, 0.0, 1.2);	( -226.3, 84.8, 0.0, 1.2);
( -77.8, 219.2, 0.0, 1.2);	( -84.8, 212.1, 0.0, 1.2);
( -91.9, 205.1, 0.0, 1.2);	( -99.0, 198.0, 0.0, 1.2);
( -106.1, 190.9, 0.0, 1.2);	( -113.1, 183.9, 0.0, 1.2);
( -120.2, 176.8, 0.0, 1.2);	( -127.3, 169.7, 0.0, 1.2);
( -130.8, 166.2, 0.0, 1.2);	( -134.4, 162.6, 0.0, 1.2);
( -136.5, 160.5, 0.0, 1.2);	( -137.9, 159.1, 0.0, 1.2);
( -139.3, 157.7, 0.0, 1.2);	( -140.7, 156.3, 0.0, 1.2);
( -142.1, 154.9, 0.0, 1.2);	( -154.9, 142.1, 0.0, 1.2);
( -156.3, 140.7, 0.0, 1.2);	( -157.7, 139.3, 0.0, 1.2);
( -159.1, 137.9, 0.0, 1.2);	( -160.5, 136.5, 0.0, 1.2);
( -162.6, 134.4, 0.0, 1.2);	( -166.2, 130.8, 0.0, 1.2);
( -169.7, 127.3, 0.0, 1.2);	( -176.8, 120.2, 0.0, 1.2);
( -183.9, 113.1, 0.0, 1.2);	( -190.9, 106.1, 0.0, 1.2);
( -198.0, 99.0, 0.0, 1.2);	( -205.1, 91.9, 0.0, 1.2);
( -212.1, 84.8, 0.0, 1.2);	( -219.2, 77.8, 0.0, 1.2);
( -70.7, 212.1, 0.0, 1.2);	( -77.8, 205.1, 0.0, 1.2);
( -84.8, 198.0, 0.0, 1.2);	( -91.9, 190.9, 0.0, 1.2);
( -99.0, 183.9, 0.0, 1.2);	( -106.1, 176.8, 0.0, 1.2);
( -113.1, 169.7, 0.0, 1.2);	( -120.2, 162.6, 0.0, 1.2);
( -123.7, 159.1, 0.0, 1.2);	( -127.3, 155.6, 0.0, 1.2);
( -129.4, 153.4, 0.0, 1.2);	( -130.8, 152.0, 0.0, 1.2);
( -132.2, 150.6, 0.0, 1.2);	( -133.6, 149.2, 0.0, 1.2);
( -135.1, 147.8, 0.0, 1.2);	( -147.8, 135.1, 0.0, 1.2);
( -149.2, 133.6, 0.0, 1.2);	( -150.6, 132.2, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -152.0,	130.8,	0.0,	1.2);	( -153.4,	129.4,	0.0,	1.2);
( -155.6,	127.3,	0.0,	1.2);	( -159.1,	123.7,	0.0,	1.2);
( -162.6,	120.2,	0.0,	1.2);	( -169.7,	113.1,	0.0,	1.2);
( -176.8,	106.1,	0.0,	1.2);	( -183.9,	99.0,	0.0,	1.2);
( -190.9,	91.9,	0.0,	1.2);	( -198.0,	84.8,	0.0,	1.2);
( -205.1,	77.8,	0.0,	1.2);	( -212.1,	70.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -63.6,	205.1,	0.0,	1.2);	( -70.7,	198.0,	0.0,	1.2);
( -77.8,	190.9,	0.0,	1.2);	( -84.8,	183.9,	0.0,	1.2);
( -91.9,	176.8,	0.0,	1.2);	( -99.0,	169.7,	0.0,	1.2);
( -106.1,	162.6,	0.0,	1.2);	( -113.1,	155.6,	0.0,	1.2);
( -116.7,	152.0,	0.0,	1.2);	( -120.2,	148.5,	0.0,	1.2);
( -122.3,	146.4,	0.0,	1.2);	( -123.7,	145.0,	0.0,	1.2);
( -125.2,	143.5,	0.0,	1.2);	( -126.6,	142.1,	0.0,	1.2);
( -128.0,	140.7,	0.0,	1.2);	( -140.7,	128.0,	0.0,	1.2);
( -142.1,	126.6,	0.0,	1.2);	( -143.5,	125.2,	0.0,	1.2);
( -145.0,	123.7,	0.0,	1.2);	( -146.4,	122.3,	0.0,	1.2);
( -148.5,	120.2,	0.0,	1.2);	( -152.0,	116.7,	0.0,	1.2);
( -155.6,	113.1,	0.0,	1.2);	( -162.6,	106.1,	0.0,	1.2);
( -169.7,	99.0,	0.0,	1.2);	( -176.8,	91.9,	0.0,	1.2);
( -183.9,	84.8,	0.0,	1.2);	( -190.9,	77.8,	0.0,	1.2);
( -198.0,	70.7,	0.0,	1.2);	( -205.1,	63.6,	0.0,	1.2);
( -56.6,	198.0,	0.0,	1.2);	( -63.6,	190.9,	0.0,	1.2);
( -70.7,	183.9,	0.0,	1.2);	( -77.8,	176.8,	0.0,	1.2);
( -84.8,	169.7,	0.0,	1.2);	( -91.9,	162.6,	0.0,	1.2);
( -99.0,	155.6,	0.0,	1.2);	( -106.1,	148.5,	0.0,	1.2);
( -109.6,	145.0,	0.0,	1.2);	( -113.1,	141.4,	0.0,	1.2);
( -115.3,	139.3,	0.0,	1.2);	( -116.7,	137.9,	0.0,	1.2);
( -118.1,	136.5,	0.0,	1.2);	( -119.5,	135.1,	0.0,	1.2);
( -120.9,	133.6,	0.0,	1.2);	( -133.6,	120.9,	0.0,	1.2);
( -135.1,	119.5,	0.0,	1.2);	( -136.5,	118.1,	0.0,	1.2);
( -137.9,	116.7,	0.0,	1.2);	( -139.3,	115.3,	0.0,	1.2);
( -141.4,	113.1,	0.0,	1.2);	( -145.0,	109.6,	0.0,	1.2);
( -148.5,	106.1,	0.0,	1.2);	( -155.6,	99.0,	0.0,	1.2);
( -162.6,	91.9,	0.0,	1.2);	( -169.7,	84.8,	0.0,	1.2);
( -176.8,	77.8,	0.0,	1.2);	( -183.9,	70.7,	0.0,	1.2);
( -190.9,	63.6,	0.0,	1.2);	( -198.0,	56.6,	0.0,	1.2);
( -49.5,	190.9,	0.0,	1.2);	( -56.6,	183.9,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -63.6,	176.8,	0.0,	1.2);	( -70.7,	169.7,	0.0,	1.2);
( -77.8,	162.6,	0.0,	1.2);	( -84.8,	155.6,	0.0,	1.2);
( -91.9,	148.5,	0.0,	1.2);	( -99.0,	141.4,	0.0,	1.2);
( -102.5,	137.9,	0.0,	1.2);	( -106.1,	134.4,	0.0,	1.2);
( -108.2,	132.2,	0.0,	1.2);	( -109.6,	130.8,	0.0,	1.2);
( -111.0,	129.4,	0.0,	1.2);	( -112.4,	128.0,	0.0,	1.2);
( -113.8,	126.6,	0.0,	1.2);	( -126.6,	113.8,	0.0,	1.2);
( -128.0,	112.4,	0.0,	1.2);	( -129.4,	111.0,	0.0,	1.2);
( -130.8,	109.6,	0.0,	1.2);	( -132.2,	108.2,	0.0,	1.2);
( -134.4,	106.1,	0.0,	1.2);	( -137.9,	102.5,	0.0,	1.2);
( -141.4,	99.0,	0.0,	1.2);	( -148.5,	91.9,	0.0,	1.2);
( -155.6,	84.8,	0.0,	1.2);	( -162.6,	77.8,	0.0,	1.2);
( -169.7,	70.7,	0.0,	1.2);	( -176.8,	63.6,	0.0,	1.2);
( -183.9,	56.6,	0.0,	1.2);	( -190.9,	49.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -42.4,	183.9,	0.0,	1.2);	( -49.5,	176.8,	0.0,	1.2);
( -56.6,	169.7,	0.0,	1.2);	( -63.6,	162.6,	0.0,	1.2);
( -70.7,	155.6,	0.0,	1.2);	( -77.8,	148.5,	0.0,	1.2);
( -84.8,	141.4,	0.0,	1.2);	( -91.9,	134.4,	0.0,	1.2);
( -95.5,	130.8,	0.0,	1.2);	( -99.0,	127.3,	0.0,	1.2);
( -101.1,	125.2,	0.0,	1.2);	( -102.5,	123.7,	0.0,	1.2);
( -103.9,	122.3,	0.0,	1.2);	( -105.4,	120.9,	0.0,	1.2);
( -106.8,	119.5,	0.0,	1.2);	( -119.5,	106.8,	0.0,	1.2);
( -120.9,	105.4,	0.0,	1.2);	( -122.3,	103.9,	0.0,	1.2);
( -123.7,	102.5,	0.0,	1.2);	( -125.2,	101.1,	0.0,	1.2);
( -127.3,	99.0,	0.0,	1.2);	( -130.8,	95.5,	0.0,	1.2);
( -134.4,	91.9,	0.0,	1.2);	( -141.4,	84.8,	0.0,	1.2);
( -148.5,	77.8,	0.0,	1.2);	( -155.6,	70.7,	0.0,	1.2);
( -162.6,	63.6,	0.0,	1.2);	( -169.7,	56.6,	0.0,	1.2);
( -176.8,	49.5,	0.0,	1.2);	( -183.9,	42.4,	0.0,	1.2);
( -35.4,	176.8,	0.0,	1.2);	( -42.4,	169.7,	0.0,	1.2);
( -49.5,	162.6,	0.0,	1.2);	( -56.6,	155.6,	0.0,	1.2);
( -63.6,	148.5,	0.0,	1.2);	( -70.7,	141.4,	0.0,	1.2);
( -77.8,	134.4,	0.0,	1.2);	( -84.8,	127.3,	0.0,	1.2);
( -88.4,	123.7,	0.0,	1.2);	( -91.9,	120.2,	0.0,	1.2);
( -94.1,	118.1,	0.0,	1.2);	( -95.5,	116.7,	0.0,	1.2);
( -96.9,	115.3,	0.0,	1.2);	( -98.3,	113.8,	0.0,	1.2);
( -99.7,	112.4,	0.0,	1.2);	( -112.4,	99.7,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -113.8,	98.3,	0.0,	1.2);	( -115.3,	96.9,	0.0,	1.2);
( -116.7,	95.5,	0.0,	1.2);	( -118.1,	94.1,	0.0,	1.2);
( -120.2,	91.9,	0.0,	1.2);	( -123.7,	88.4,	0.0,	1.2);
( -127.3,	84.8,	0.0,	1.2);	( -134.4,	77.8,	0.0,	1.2);
( -141.4,	70.7,	0.0,	1.2);	( -148.5,	63.6,	0.0,	1.2);
( -155.6,	56.6,	0.0,	1.2);	( -162.6,	49.5,	0.0,	1.2);
( -169.7,	42.4,	0.0,	1.2);	( -176.8,	35.4,	0.0,	1.2);
( -28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,	0.0,	1.2);
( -42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,	0.0,	1.2);
( -56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,	0.0,	1.2);
( -70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,	0.0,	1.2);
( -81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,	0.0,	1.2);
( -87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,	0.0,	1.2);
( -89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,	0.0,	1.2);
( -92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,	0.0,	1.2);
( -106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,	0.0,	1.2);
( -109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,	0.0,	1.2);
( -113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,	0.0,	1.2);
( -120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,	0.0,	1.2);
( -134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,	0.0,	1.2);
( -148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,	0.0,	1.2);
( -162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,	0.0,	1.2);
( -35.4,	148.5,	0.0,	1.2);	( -42.4,	141.4,	0.0,	1.2);
( -49.5,	134.4,	0.0,	1.2);	( -56.6,	127.3,	0.0,	1.2);
( -63.6,	120.2,	0.0,	1.2);	( -70.7,	113.1,	0.0,	1.2);
( -74.2,	109.6,	0.0,	1.2);	( -77.8,	106.1,	0.0,	1.2);
( -79.9,	103.9,	0.0,	1.2);	( -81.3,	102.5,	0.0,	1.2);
( -82.7,	101.1,	0.0,	1.2);	( -84.2,	99.7,	0.0,	1.2);
( -85.6,	98.3,	0.0,	1.2);	( -98.3,	85.6,	0.0,	1.2);
( -99.7,	84.2,	0.0,	1.2);	( -101.1,	82.7,	0.0,	1.2);
( -102.5,	81.3,	0.0,	1.2);	( -103.9,	79.9,	0.0,	1.2);
( -106.1,	77.8,	0.0,	1.2);	( -109.6,	74.2,	0.0,	1.2);
( -113.1,	70.7,	0.0,	1.2);	( -120.2,	63.6,	0.0,	1.2);
( -127.3,	56.6,	0.0,	1.2);	( -134.4,	49.5,	0.0,	1.2);
( -141.4,	42.4,	0.0,	1.2);	( -148.5,	35.4,	0.0,	1.2);
( -155.6,	28.3,	0.0,	1.2);	( -162.6,	21.2,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -14.1,	155.6,	0.0,	1.2);	( -21.2,	148.5,	0.0,	1.2);
( -28.3,	141.4,	0.0,	1.2);	( -35.4,	134.4,	0.0,	1.2);
( -42.4,	127.3,	0.0,	1.2);	( -49.5,	120.2,	0.0,	1.2);
( -56.6,	113.1,	0.0,	1.2);	( -63.6,	106.1,	0.0,	1.2);
( -67.2,	102.5,	0.0,	1.2);	( -70.7,	99.0,	0.0,	1.2);
( -72.8,	96.9,	0.0,	1.2);	( -74.2,	95.5,	0.0,	1.2);
( -75.7,	94.1,	0.0,	1.2);	( -77.1,	92.6,	0.0,	1.2);
( -78.5,	91.2,	0.0,	1.2);	( -91.2,	78.5,	0.0,	1.2);
( -92.6,	77.1,	0.0,	1.2);	( -94.1,	75.7,	0.0,	1.2);
( -95.5,	74.2,	0.0,	1.2);	( -96.9,	72.8,	0.0,	1.2);
( -99.0,	70.7,	0.0,	1.2);	( -102.5,	67.2,	0.0,	1.2);
( -106.1,	63.6,	0.0,	1.2);	( -113.1,	56.6,	0.0,	1.2);
( -120.2,	49.5,	0.0,	1.2);	( -127.3,	42.4,	0.0,	1.2);
( -134.4,	35.4,	0.0,	1.2);	( -141.4,	28.3,	0.0,	1.2);
( -148.5,	21.2,	0.0,	1.2);	( -155.6,	14.1,	0.0,	1.2);
( -7.1,	148.5,	0.0,	1.2);	( -14.1,	141.4,	0.0,	1.2);
( -21.2,	134.4,	0.0,	1.2);	( -28.3,	127.3,	0.0,	1.2);
( -35.4,	120.2,	0.0,	1.2);	( -42.4,	113.1,	0.0,	1.2);
( -49.5,	106.1,	0.0,	1.2);	( -56.6,	99.0,	0.0,	1.2);
( -60.1,	95.5,	0.0,	1.2);	( -63.6,	91.9,	0.0,	1.2);
( -65.8,	89.8,	0.0,	1.2);	( -67.2,	88.4,	0.0,	1.2);
( -68.6,	87.0,	0.0,	1.2);	( -70.0,	85.6,	0.0,	1.2);
( -71.4,	84.2,	0.0,	1.2);	( -84.2,	71.4,	0.0,	1.2);
( -85.6,	70.0,	0.0,	1.2);	( -87.0,	68.6,	0.0,	1.2);
( -88.4,	67.2,	0.0,	1.2);	( -89.8,	65.8,	0.0,	1.2);
( -91.9,	63.6,	0.0,	1.2);	( -95.5,	60.1,	0.0,	1.2);
( -99.0,	56.6,	0.0,	1.2);	( -106.1,	49.5,	0.0,	1.2);
( -113.1,	42.4,	0.0,	1.2);	( -120.2,	35.4,	0.0,	1.2);
( -127.3,	28.3,	0.0,	1.2);	( -134.4,	21.2,	0.0,	1.2);
( -141.4,	14.1,	0.0,	1.2);	( -148.5,	7.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -64.3,	77.1,	0.0,	1.2);	( -77.1,	64.3,	0.0,	1.2);
( -78.5,	62.9,	0.0,	1.2);	( -79.9,	61.5,	0.0,	1.2);
( -81.3,	60.1,	0.0,	1.2);	( -82.7,	58.7,	0.0,	1.2);
( -84.8,	56.6,	0.0,	1.2);	( -88.4,	53.0,	0.0,	1.2);
( -91.9,	49.5,	0.0,	1.2);	( -99.0,	42.4,	0.0,	1.2);
( -106.1,	35.4,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( -120.2,	21.2,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( -134.4,	7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	127.3,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	113.1,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	99.0,	0.0,	1.2);
( -35.4,	91.9,	0.0,	1.2);	( -42.4,	84.8,	0.0,	1.2);
( -46.0,	81.3,	0.0,	1.2);	( -49.5,	77.8,	0.0,	1.2);
( -51.6,	75.7,	0.0,	1.2);	( -53.0,	74.2,	0.0,	1.2);
( -54.5,	72.8,	0.0,	1.2);	( -55.9,	71.4,	0.0,	1.2);
( -57.3,	70.0,	0.0,	1.2);	( -70.0,	57.3,	0.0,	1.2);
( -71.4,	55.9,	0.0,	1.2);	( -72.8,	54.5,	0.0,	1.2);
( -74.2,	53.0,	0.0,	1.2);	( -75.7,	51.6,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -81.3,	46.0,	0.0,	1.2);
( -84.8,	42.4,	0.0,	1.2);	( -91.9,	35.4,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	21.2,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	-7.1,	0.0,	1.2);
( 14.1,	127.3,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	113.1,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	99.0,	0.0,	1.2);	( -21.2,	91.9,	0.0,	1.2);
( -28.3,	84.8,	0.0,	1.2);	( -35.4,	77.8,	0.0,	1.2);
( -38.9,	74.2,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -44.5,	68.6,	0.0,	1.2);	( -46.0,	67.2,	0.0,	1.2);
( -47.4,	65.8,	0.0,	1.2);	( -48.8,	64.3,	0.0,	1.2);
( -50.2,	62.9,	0.0,	1.2);	( -62.9,	50.2,	0.0,	1.2);
( -64.3,	48.8,	0.0,	1.2);	( -65.8,	47.4,	0.0,	1.2);
( -67.2,	46.0,	0.0,	1.2);	( -68.6,	44.5,	0.0,	1.2);
( -70.7,	42.4,	0.0,	1.2);	( -74.2,	38.9,	0.0,	1.2);
( -77.8,	35.4,	0.0,	1.2);	( -84.8,	28.3,	0.0,	1.2);
( -91.9,	21.2,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	-7.1,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

18NCRA\_PL93-300\_DPM\_TRAV\_ANN SE-NW Bound  
(METERS)

( 21.2,	120.2,	0.0,	1.2);	( 14.1,	113.1,	0.0,	1.2);
( 7.1,	106.1,	0.0,	1.2);	( 0.0,	99.0,	0.0,	1.2);
( -7.1,	91.9,	0.0,	1.2);	( -14.1,	84.8,	0.0,	1.2);
( -21.2,	77.8,	0.0,	1.2);	( -28.3,	70.7,	0.0,	1.2);
( -31.8,	67.2,	0.0,	1.2);	( -35.4,	63.6,	0.0,	1.2);
( -37.5,	61.5,	0.0,	1.2);	( -38.9,	60.1,	0.0,	1.2);
( -40.3,	58.7,	0.0,	1.2);	( -41.7,	57.3,	0.0,	1.2);
( -43.1,	55.9,	0.0,	1.2);	( -55.9,	43.1,	0.0,	1.2);
( -57.3,	41.7,	0.0,	1.2);	( -58.7,	40.3,	0.0,	1.2);
( -60.1,	38.9,	0.0,	1.2);	( -61.5,	37.5,	0.0,	1.2);
( -63.6,	35.4,	0.0,	1.2);	( -67.2,	31.8,	0.0,	1.2);
( -70.7,	28.3,	0.0,	1.2);	( -77.8,	21.2,	0.0,	1.2);
( -84.8,	14.1,	0.0,	1.2);	( -91.9,	7.1,	0.0,	1.2);
( -99.0,	0.0,	0.0,	1.2);	( -106.1,	-7.1,	0.0,	1.2);
( -113.1,	-14.1,	0.0,	1.2);	( -120.2,	-21.2,	0.0,	1.2);
( 28.3,	113.1,	0.0,	1.2);	( 21.2,	106.1,	0.0,	1.2);
( 14.1,	99.0,	0.0,	1.2);	( 7.1,	91.9,	0.0,	1.2);
( 0.0,	84.8,	0.0,	1.2);	( -7.1,	77.8,	0.0,	1.2);
( -14.1,	70.7,	0.0,	1.2);	( -21.2,	63.6,	0.0,	1.2);
( -24.8,	60.1,	0.0,	1.2);	( -28.3,	56.6,	0.0,	1.2);
( -30.4,	54.5,	0.0,	1.2);	( -31.8,	53.0,	0.0,	1.2);
( -33.2,	51.6,	0.0,	1.2);	( -34.7,	50.2,	0.0,	1.2);
( -36.1,	48.8,	0.0,	1.2);	( -48.8,	36.1,	0.0,	1.2);
( -50.2,	34.7,	0.0,	1.2);	( -51.6,	33.2,	0.0,	1.2);
( -53.0,	31.8,	0.0,	1.2);	( -54.5,	30.4,	0.0,	1.2);
( -56.6,	28.3,	0.0,	1.2);	( -60.1,	24.8,	0.0,	1.2);
( -63.6,	21.2,	0.0,	1.2);	( -70.7,	14.1,	0.0,	1.2);
( -77.8,	7.1,	0.0,	1.2);	( -84.8,	0.0,	0.0,	1.2);
( -91.9,	-7.1,	0.0,	1.2);	( -99.0,	-14.1,	0.0,	1.2);
( -106.1,	-21.2,	0.0,	1.2);	( -113.1,	-28.3,	0.0,	1.2);
( 35.4,	106.1,	0.0,	1.2);	( 28.3,	99.0,	0.0,	1.2);
( 21.2,	91.9,	0.0,	1.2);	( 14.1,	84.8,	0.0,	1.2);
( 7.1,	77.8,	0.0,	1.2);	( 0.0,	70.7,	0.0,	1.2);
( -7.1,	63.6,	0.0,	1.2);	( -14.1,	56.6,	0.0,	1.2);
( -17.7,	53.0,	0.0,	1.2);	( -21.2,	49.5,	0.0,	1.2);
( -23.3,	47.4,	0.0,	1.2);	( -24.8,	46.0,	0.0,	1.2);
( -26.2,	44.5,	0.0,	1.2);	( -27.6,	43.1,	0.0,	1.2);
( -29.0,	41.7,	0.0,	1.2);	( -41.7,	29.0,	0.0,	1.2);
( -43.1,	27.6,	0.0,	1.2);	( -44.5,	26.2,	0.0,	1.2);
( -46.0,	24.8,	0.0,	1.2);	( -47.4,	23.3,	0.0,	1.2);
( -49.5,	21.2,	0.0,	1.2);	( -53.0,	17.7,	0.0,	1.2);
( -56.6,	14.1,	0.0,	1.2);	( -63.6,	7.1,	0.0,	1.2);
( -70.7,	0.0,	0.0,	1.2);	( -77.8,	-7.1,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -84.8, -14.1, 0.0, 1.2); ( -91.9, -21.2, 0.0, 1.2);  
( -99.0, -28.3, 0.0, 1.2); ( -106.1, -35.4, 0.0, 1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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15:29:43  
\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 42.4, 99.0, 0.0, 1.2); ( 35.4, 91.9, 0.0, 1.2);  
( 28.3, 84.8, 0.0, 1.2); ( 21.2, 77.8, 0.0, 1.2);  
( 14.1, 70.7, 0.0, 1.2); ( 7.1, 63.6, 0.0, 1.2);  
( 0.0, 56.6, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -10.6, 46.0, 0.0, 1.2); ( -14.1, 42.4, 0.0, 1.2);  
( -16.3, 40.3, 0.0, 1.2); ( -17.7, 38.9, 0.0, 1.2);  
( -19.1, 37.5, 0.0, 1.2); ( -20.5, 36.1, 0.0, 1.2);  
( -21.9, 34.7, 0.0, 1.2); ( -34.7, 21.9, 0.0, 1.2);  
( -36.1, 20.5, 0.0, 1.2); ( -37.5, 19.1, 0.0, 1.2);  
( -38.9, 17.7, 0.0, 1.2); ( -40.3, 16.3, 0.0, 1.2);  
( -42.4, 14.1, 0.0, 1.2); ( -46.0, 10.6, 0.0, 1.2);  
( -49.5, 7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);  
( -63.6, -7.1, 0.0, 1.2); ( -70.7, -14.1, 0.0, 1.2);  
( -77.8, -21.2, 0.0, 1.2); ( -84.8, -28.3, 0.0, 1.2);  
( -91.9, -35.4, 0.0, 1.2); ( -99.0, -42.4, 0.0, 1.2);  
( 49.5, 91.9, 0.0, 1.2); ( 42.4, 84.8, 0.0, 1.2);  
( 35.4, 77.8, 0.0, 1.2); ( 28.3, 70.7, 0.0, 1.2);  
( 21.2, 63.6, 0.0, 1.2); ( 14.1, 56.6, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 42.4, 0.0, 1.2);  
( -3.5, 38.9, 0.0, 1.2); ( -7.1, 35.4, 0.0, 1.2);  
( -9.2, 33.2, 0.0, 1.2); ( -10.6, 31.8, 0.0, 1.2);  
( -12.0, 30.4, 0.0, 1.2); ( -13.4, 29.0, 0.0, 1.2);  
( -14.9, 27.6, 0.0, 1.2); ( -27.6, 14.9, 0.0, 1.2);  
( -29.0, 13.4, 0.0, 1.2); ( -30.4, 12.0, 0.0, 1.2);  
( -31.8, 10.6, 0.0, 1.2); ( -33.2, 9.2, 0.0, 1.2);  
( -35.4, 7.1, 0.0, 1.2); ( -38.9, 3.5, 0.0, 1.2);  
( -42.4, 0.0, 0.0, 1.2); ( -49.5, -7.1, 0.0, 1.2);  
( -56.6, -14.1, 0.0, 1.2); ( -63.6, -21.2, 0.0, 1.2);  
( -70.7, -28.3, 0.0, 1.2); ( -77.8, -35.4, 0.0, 1.2);  
( -84.8, -42.4, 0.0, 1.2); ( -91.9, -49.5, 0.0, 1.2);  
( 56.6, 84.8, 0.0, 1.2); ( 49.5, 77.8, 0.0, 1.2);  
( 42.4, 70.7, 0.0, 1.2); ( 35.4, 63.6, 0.0, 1.2);  
( 28.3, 56.6, 0.0, 1.2); ( 21.2, 49.5, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 7.1, 35.4, 0.0, 1.2);  
( 3.5, 31.8, 0.0, 1.2); ( 0.0, 28.3, 0.0, 1.2);





18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -35.4, -35.4, 0.0, 1.2);	( -42.4, -42.4, 0.0, 1.2);
( -49.5, -49.5, 0.0, 1.2);	( -56.6, -56.6, 0.0, 1.2);
( -63.6, -63.6, 0.0, 1.2);	( -70.7, -70.7, 0.0, 1.2);
( 77.8, 63.6, 0.0, 1.2);	( 70.7, 56.6, 0.0, 1.2);
( 63.6, 49.5, 0.0, 1.2);	( 56.6, 42.4, 0.0, 1.2);
( 49.5, 35.4, 0.0, 1.2);	( 42.4, 28.3, 0.0, 1.2);
( 35.4, 21.2, 0.0, 1.2);	( 28.3, 14.1, 0.0, 1.2);
( 24.8, 10.6, 0.0, 1.2);	( 21.2, 7.1, 0.0, 1.2);
( 19.1, 4.9, 0.0, 1.2);	( 17.7, 3.5, 0.0, 1.2);
( 16.3, 2.1, 0.0, 1.2);	( 14.9, 0.7, 0.0, 1.2);
( 13.4, -0.7, 0.0, 1.2);	( 0.7, -13.4, 0.0, 1.2);
( -0.7, -14.9, 0.0, 1.2);	( -2.1, -16.3, 0.0, 1.2);
( -3.5, -17.7, 0.0, 1.2);	( -4.9, -19.1, 0.0, 1.2);
( -7.1, -21.2, 0.0, 1.2);	( -10.6, -24.8, 0.0, 1.2);
( -14.1, -28.3, 0.0, 1.2);	( -21.2, -35.4, 0.0, 1.2);
( -28.3, -42.4, 0.0, 1.2);	( -35.4, -49.5, 0.0, 1.2);
( -42.4, -56.6, 0.0, 1.2);	( -49.5, -63.6, 0.0, 1.2);
( -56.6, -70.7, 0.0, 1.2);	( -63.6, -77.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4, 0.0, 1.2);
( 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2, 0.0, 1.2);
( 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);
( 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5, 0.0, 1.2);
( 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4, 0.0, 1.2);
( 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5, 0.0, 1.2);
( 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3, 0.0, 1.2);
( 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8, 0.0, 1.2);
( -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7, 0.0, 1.2);
( -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8, 0.0, 1.2);
( 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3, 0.0, 1.2);
( 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1, 0.0, 1.2);
( 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6, 0.0, 1.2);
( 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4, 0.0, 1.2);
( 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6, 0.0, 1.2);
( 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4, 0.0, 1.2);
( 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2);	( 3.5, -38.9, 0.0, 1.2);
( 0.0, -42.4, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -14.1, -56.6, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -28.3, -70.7, 0.0, 1.2);	( -35.4, -77.8, 0.0, 1.2);
( -42.4, -84.8, 0.0, 1.2);	( -49.5, -91.9, 0.0, 1.2);
( 99.0, 42.4, 0.0, 1.2);	( 91.9, 35.4, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 21.2, 0.0, 1.2);
( 70.7, 14.1, 0.0, 1.2);	( 63.6, 7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, -7.1, 0.0, 1.2);
( 46.0, -10.6, 0.0, 1.2);	( 42.4, -14.1, 0.0, 1.2);
( 40.3, -16.3, 0.0, 1.2);	( 38.9, -17.7, 0.0, 1.2);
( 37.5, -19.1, 0.0, 1.2);	( 36.1, -20.5, 0.0, 1.2);
( 34.7, -21.9, 0.0, 1.2);	( 21.9, -34.7, 0.0, 1.2);
( 20.5, -36.1, 0.0, 1.2);	( 19.1, -37.5, 0.0, 1.2);
( 17.7, -38.9, 0.0, 1.2);	( 16.3, -40.3, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 10.6, -46.0, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -56.6, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -70.7, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -84.8, 0.0, 1.2);
( -35.4, -91.9, 0.0, 1.2);	( -42.4, -99.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 106.1, 35.4, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 21.2, 0.0, 1.2);	( 84.8, 14.1, 0.0, 1.2);
( 77.8, 7.1, 0.0, 1.2);	( 70.7, 0.0, 0.0, 1.2);
( 63.6, -7.1, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 53.0, -17.7, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 47.4, -23.3, 0.0, 1.2);	( 46.0, -24.8, 0.0, 1.2);
( 44.5, -26.2, 0.0, 1.2);	( 43.1, -27.6, 0.0, 1.2);
( 41.7, -29.0, 0.0, 1.2);	( 29.0, -41.7, 0.0, 1.2);
( 27.6, -43.1, 0.0, 1.2);	( 26.2, -44.5, 0.0, 1.2);
( 24.8, -46.0, 0.0, 1.2);	( 23.3, -47.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2);	( 17.7, -53.0, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 14.1,	-56.6,	0.0,	1.2);	( 7.1,	-63.6,	0.0,	1.2);
( 0.0,	-70.7,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-84.8,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);
( -28.3,	-99.0,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	21.2,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	-7.1,	0.0,	1.2);
( 70.7,	-14.1,	0.0,	1.2);	( 63.6,	-21.2,	0.0,	1.2);
( 60.1,	-24.8,	0.0,	1.2);	( 56.6,	-28.3,	0.0,	1.2);
( 54.5,	-30.4,	0.0,	1.2);	( 53.0,	-31.8,	0.0,	1.2);
( 51.6,	-33.2,	0.0,	1.2);	( 50.2,	-34.7,	0.0,	1.2);
( 48.8,	-36.1,	0.0,	1.2);	( 36.1,	-48.8,	0.0,	1.2);
( 34.7,	-50.2,	0.0,	1.2);	( 33.2,	-51.6,	0.0,	1.2);
( 31.8,	-53.0,	0.0,	1.2);	( 30.4,	-54.5,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 24.8,	-60.1,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-70.7,	0.0,	1.2);
( 7.1,	-77.8,	0.0,	1.2);	( 0.0,	-84.8,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-99.0,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-113.1,	0.0,	1.2);
( 120.2,	21.2,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	-7.1,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-21.2,	0.0,	1.2);	( 70.7,	-28.3,	0.0,	1.2);
( 67.2,	-31.8,	0.0,	1.2);	( 63.6,	-35.4,	0.0,	1.2);
( 61.5,	-37.5,	0.0,	1.2);	( 60.1,	-38.9,	0.0,	1.2);
( 58.7,	-40.3,	0.0,	1.2);	( 57.3,	-41.7,	0.0,	1.2);
( 55.9,	-43.1,	0.0,	1.2);	( 43.1,	-55.9,	0.0,	1.2);
( 41.7,	-57.3,	0.0,	1.2);	( 40.3,	-58.7,	0.0,	1.2);
( 38.9,	-60.1,	0.0,	1.2);	( 37.5,	-61.5,	0.0,	1.2);
( 35.4,	-63.6,	0.0,	1.2);	( 31.8,	-67.2,	0.0,	1.2);
( 28.3,	-70.7,	0.0,	1.2);	( 21.2,	-77.8,	0.0,	1.2);
( 14.1,	-84.8,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-99.0,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-113.1,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 127.3,	14.1,	0.0,	1.2);	( 120.2,	7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	-7.1,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-21.2,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 84.8,	-28.3,	0.0,	1.2);	( 77.8,	-35.4,	0.0,	1.2);
( 74.2,	-38.9,	0.0,	1.2);	( 70.7,	-42.4,	0.0,	1.2);
( 68.6,	-44.5,	0.0,	1.2);	( 67.2,	-46.0,	0.0,	1.2);
( 65.8,	-47.4,	0.0,	1.2);	( 64.3,	-48.8,	0.0,	1.2);
( 62.9,	-50.2,	0.0,	1.2);	( 50.2,	-62.9,	0.0,	1.2);
( 48.8,	-64.3,	0.0,	1.2);	( 47.4,	-65.8,	0.0,	1.2);
( 46.0,	-67.2,	0.0,	1.2);	( 44.5,	-68.6,	0.0,	1.2);
( 42.4,	-70.7,	0.0,	1.2);	( 38.9,	-74.2,	0.0,	1.2);
( 35.4,	-77.8,	0.0,	1.2);	( 28.3,	-84.8,	0.0,	1.2);
( 21.2,	-91.9,	0.0,	1.2);	( 14.1,	-99.0,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-113.1,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-127.3,	0.0,	1.2);
( 134.4,	7.1,	0.0,	1.2);	( 127.3,	0.0,	0.0,	1.2);
( 120.2,	-7.1,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-21.2,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-35.4,	0.0,	1.2);	( 84.8,	-42.4,	0.0,	1.2);
( 81.3,	-46.0,	0.0,	1.2);	( 77.8,	-49.5,	0.0,	1.2);
( 75.7,	-51.6,	0.0,	1.2);	( 74.2,	-53.0,	0.0,	1.2);
( 72.8,	-54.5,	0.0,	1.2);	( 71.4,	-55.9,	0.0,	1.2);
( 70.0,	-57.3,	0.0,	1.2);	( 57.3,	-70.0,	0.0,	1.2);
( 55.9,	-71.4,	0.0,	1.2);	( 54.5,	-72.8,	0.0,	1.2);
( 53.0,	-74.2,	0.0,	1.2);	( 51.6,	-75.7,	0.0,	1.2);
( 49.5,	-77.8,	0.0,	1.2);	( 46.0,	-81.3,	0.0,	1.2);
( 42.4,	-84.8,	0.0,	1.2);	( 35.4,	-91.9,	0.0,	1.2);
( 28.3,	-99.0,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-113.1,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-127.3,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( 141.4,	0.0,	0.0,	1.2);	( 134.4,	-7.1,	0.0,	1.2);
( 127.3,	-14.1,	0.0,	1.2);	( 120.2,	-21.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-35.4,	0.0,	1.2);
( 99.0,	-42.4,	0.0,	1.2);	( 91.9,	-49.5,	0.0,	1.2);
( 88.4,	-53.0,	0.0,	1.2);	( 84.8,	-56.6,	0.0,	1.2);
( 82.7,	-58.7,	0.0,	1.2);	( 81.3,	-60.1,	0.0,	1.2);
( 79.9,	-61.5,	0.0,	1.2);	( 78.5,	-62.9,	0.0,	1.2);
( 77.1,	-64.3,	0.0,	1.2);	( 64.3,	-77.1,	0.0,	1.2);
( 62.9,	-78.5,	0.0,	1.2);	( 61.5,	-79.9,	0.0,	1.2);
( 60.1,	-81.3,	0.0,	1.2);	( 58.7,	-82.7,	0.0,	1.2);
( 56.6,	-84.8,	0.0,	1.2);	( 53.0,	-88.4,	0.0,	1.2);
( 49.5,	-91.9,	0.0,	1.2);	( 42.4,	-99.0,	0.0,	1.2);
( 35.4,	-106.1,	0.0,	1.2);	( 28.3,	-113.1,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-127.3,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-141.4,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 148.5, -7.1, 0.0, 1.2);	( 141.4, -14.1, 0.0, 1.2);
( 134.4, -21.2, 0.0, 1.2);	( 127.3, -28.3, 0.0, 1.2);
( 120.2, -35.4, 0.0, 1.2);	( 113.1, -42.4, 0.0, 1.2);
( 106.1, -49.5, 0.0, 1.2);	( 99.0, -56.6, 0.0, 1.2);
( 95.5, -60.1, 0.0, 1.2);	( 91.9, -63.6, 0.0, 1.2);
( 89.8, -65.8, 0.0, 1.2);	( 88.4, -67.2, 0.0, 1.2);
( 87.0, -68.6, 0.0, 1.2);	( 85.6, -70.0, 0.0, 1.2);
( 84.2, -71.4, 0.0, 1.2);	( 71.4, -84.2, 0.0, 1.2);
( 70.0, -85.6, 0.0, 1.2);	( 68.6, -87.0, 0.0, 1.2);
( 67.2, -88.4, 0.0, 1.2);	( 65.8, -89.8, 0.0, 1.2);
( 63.6, -91.9, 0.0, 1.2);	( 60.1, -95.5, 0.0, 1.2);
( 56.6, -99.0, 0.0, 1.2);	( 49.5, -106.1, 0.0, 1.2);
( 42.4, -113.1, 0.0, 1.2);	( 35.4, -120.2, 0.0, 1.2);
( 28.3, -127.3, 0.0, 1.2);	( 21.2, -134.4, 0.0, 1.2);
( 14.1, -141.4, 0.0, 1.2);	( 7.1, -148.5, 0.0, 1.2);
( 155.6, -14.1, 0.0, 1.2);	( 148.5, -21.2, 0.0, 1.2);
( 141.4, -28.3, 0.0, 1.2);	( 134.4, -35.4, 0.0, 1.2);
( 127.3, -42.4, 0.0, 1.2);	( 120.2, -49.5, 0.0, 1.2);
( 113.1, -56.6, 0.0, 1.2);	( 106.1, -63.6, 0.0, 1.2);
( 102.5, -67.2, 0.0, 1.2);	( 99.0, -70.7, 0.0, 1.2);
( 96.9, -72.8, 0.0, 1.2);	( 95.5, -74.2, 0.0, 1.2);
( 94.1, -75.7, 0.0, 1.2);	( 92.6, -77.1, 0.0, 1.2);
( 91.2, -78.5, 0.0, 1.2);	( 78.5, -91.2, 0.0, 1.2);
( 77.1, -92.6, 0.0, 1.2);	( 75.7, -94.1, 0.0, 1.2);
( 74.2, -95.5, 0.0, 1.2);	( 72.8, -96.9, 0.0, 1.2);
( 70.7, -99.0, 0.0, 1.2);	( 67.2, -102.5, 0.0, 1.2);
( 63.6, -106.1, 0.0, 1.2);	( 56.6, -113.1, 0.0, 1.2);
( 49.5, -120.2, 0.0, 1.2);	( 42.4, -127.3, 0.0, 1.2);
( 35.4, -134.4, 0.0, 1.2);	( 28.3, -141.4, 0.0, 1.2);
( 21.2, -148.5, 0.0, 1.2);	( 14.1, -155.6, 0.0, 1.2);
( 162.6, -21.2, 0.0, 1.2);	( 155.6, -28.3, 0.0, 1.2);
( 148.5, -35.4, 0.0, 1.2);	( 141.4, -42.4, 0.0, 1.2);
( 134.4, -49.5, 0.0, 1.2);	( 127.3, -56.6, 0.0, 1.2);
( 120.2, -63.6, 0.0, 1.2);	( 113.1, -70.7, 0.0, 1.2);
( 109.6, -74.2, 0.0, 1.2);	( 106.1, -77.8, 0.0, 1.2);
( 103.9, -79.9, 0.0, 1.2);	( 102.5, -81.3, 0.0, 1.2);
( 101.1, -82.7, 0.0, 1.2);	( 99.7, -84.2, 0.0, 1.2);
( 98.3, -85.6, 0.0, 1.2);	( 85.6, -98.3, 0.0, 1.2);
( 84.2, -99.7, 0.0, 1.2);	( 82.7, -101.1, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 81.3,	-102.5,	0.0,	1.2);	( 79.9,	-103.9,	0.0,	1.2);
( 77.8,	-106.1,	0.0,	1.2);	( 74.2,	-109.6,	0.0,	1.2);
( 70.7,	-113.1,	0.0,	1.2);	( 63.6,	-120.2,	0.0,	1.2);
( 56.6,	-127.3,	0.0,	1.2);	( 49.5,	-134.4,	0.0,	1.2);
( 42.4,	-141.4,	0.0,	1.2);	( 35.4,	-148.5,	0.0,	1.2);
( 28.3,	-155.6,	0.0,	1.2);	( 21.2,	-162.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.7,	-56.6,	0.0,	1.2);	( 162.6,	-63.6,	0.0,	1.2);
( 155.6,	-70.7,	0.0,	1.2);	( 148.5,	-77.8,	0.0,	1.2);
( 141.4,	-84.8,	0.0,	1.2);	( 134.4,	-91.9,	0.0,	1.2);
( 130.8,	-95.5,	0.0,	1.2);	( 127.3,	-99.0,	0.0,	1.2);
( 125.2,	-101.1,	0.0,	1.2);	( 123.7,	-102.5,	0.0,	1.2);
( 122.3,	-103.9,	0.0,	1.2);	( 120.9,	-105.4,	0.0,	1.2);
( 119.5,	-106.8,	0.0,	1.2);	( 106.8,	-119.5,	0.0,	1.2);
( 105.4,	-120.9,	0.0,	1.2);	( 103.9,	-122.3,	0.0,	1.2);
( 102.5,	-123.7,	0.0,	1.2);	( 101.1,	-125.2,	0.0,	1.2);
( 99.0,	-127.3,	0.0,	1.2);	( 95.5,	-130.8,	0.0,	1.2);
( 91.9,	-134.4,	0.0,	1.2);	( 84.8,	-141.4,	0.0,	1.2);
( 77.8,	-148.5,	0.0,	1.2);	( 70.7,	-155.6,	0.0,	1.2);
( 63.6,	-162.6,	0.0,	1.2);	( 56.6,	-169.7,	0.0,	1.2);
( 49.5,	-176.8,	0.0,	1.2);	( 42.4,	-183.9,	0.0,	1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 190.9,	-49.5,	0.0,	1.2);	( 183.9,	-56.6,	0.0,	1.2);
( 176.8,	-63.6,	0.0,	1.2);	( 169.7,	-70.7,	0.0,	1.2);
( 162.6,	-77.8,	0.0,	1.2);	( 155.6,	-84.8,	0.0,	1.2);
( 148.5,	-91.9,	0.0,	1.2);	( 141.4,	-99.0,	0.0,	1.2);
( 137.9,	-102.5,	0.0,	1.2);	( 134.4,	-106.1,	0.0,	1.2);
( 132.2,	-108.2,	0.0,	1.2);	( 130.8,	-109.6,	0.0,	1.2);
( 129.4,	-111.0,	0.0,	1.2);	( 128.0,	-112.4,	0.0,	1.2);
( 126.6,	-113.8,	0.0,	1.2);	( 113.8,	-126.6,	0.0,	1.2);
( 112.4,	-128.0,	0.0,	1.2);	( 111.0,	-129.4,	0.0,	1.2);
( 109.6,	-130.8,	0.0,	1.2);	( 108.2,	-132.2,	0.0,	1.2);
( 106.1,	-134.4,	0.0,	1.2);	( 102.5,	-137.9,	0.0,	1.2);
( 99.0,	-141.4,	0.0,	1.2);	( 91.9,	-148.5,	0.0,	1.2);
( 84.8,	-155.6,	0.0,	1.2);	( 77.8,	-162.6,	0.0,	1.2);
( 70.7,	-169.7,	0.0,	1.2);	( 63.6,	-176.8,	0.0,	1.2);
( 56.6,	-183.9,	0.0,	1.2);	( 49.5,	-190.9,	0.0,	1.2);
( 198.0,	-56.6,	0.0,	1.2);	( 190.9,	-63.6,	0.0,	1.2);
( 183.9,	-70.7,	0.0,	1.2);	( 176.8,	-77.8,	0.0,	1.2);
( 169.7,	-84.8,	0.0,	1.2);	( 162.6,	-91.9,	0.0,	1.2);
( 155.6,	-99.0,	0.0,	1.2);	( 148.5,	-106.1,	0.0,	1.2);
( 145.0,	-109.6,	0.0,	1.2);	( 141.4,	-113.1,	0.0,	1.2);
( 139.3,	-115.3,	0.0,	1.2);	( 137.9,	-116.7,	0.0,	1.2);
( 136.5,	-118.1,	0.0,	1.2);	( 135.1,	-119.5,	0.0,	1.2);
( 133.6,	-120.9,	0.0,	1.2);	( 120.9,	-133.6,	0.0,	1.2);



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 119.5, -135.1, 0.0, 1.2);	( 118.1, -136.5, 0.0, 1.2);
( 116.7, -137.9, 0.0, 1.2);	( 115.3, -139.3, 0.0, 1.2);
( 113.1, -141.4, 0.0, 1.2);	( 109.6, -145.0, 0.0, 1.2);
( 106.1, -148.5, 0.0, 1.2);	( 99.0, -155.6, 0.0, 1.2);
( 91.9, -162.6, 0.0, 1.2);	( 84.8, -169.7, 0.0, 1.2);
( 77.8, -176.8, 0.0, 1.2);	( 70.7, -183.9, 0.0, 1.2);
( 63.6, -190.9, 0.0, 1.2);	( 56.6, -198.0, 0.0, 1.2);
( 205.1, -63.6, 0.0, 1.2);	( 198.0, -70.7, 0.0, 1.2);
( 190.9, -77.8, 0.0, 1.2);	( 183.9, -84.8, 0.0, 1.2);
( 176.8, -91.9, 0.0, 1.2);	( 169.7, -99.0, 0.0, 1.2);
( 162.6, -106.1, 0.0, 1.2);	( 155.6, -113.1, 0.0, 1.2);
( 152.0, -116.7, 0.0, 1.2);	( 148.5, -120.2, 0.0, 1.2);
( 146.4, -122.3, 0.0, 1.2);	( 145.0, -123.7, 0.0, 1.2);
( 143.5, -125.2, 0.0, 1.2);	( 142.1, -126.6, 0.0, 1.2);
( 140.7, -128.0, 0.0, 1.2);	( 128.0, -140.7, 0.0, 1.2);
( 126.6, -142.1, 0.0, 1.2);	( 125.2, -143.5, 0.0, 1.2);
( 123.7, -145.0, 0.0, 1.2);	( 122.3, -146.4, 0.0, 1.2);
( 120.2, -148.5, 0.0, 1.2);	( 116.7, -152.0, 0.0, 1.2);
( 113.1, -155.6, 0.0, 1.2);	( 106.1, -162.6, 0.0, 1.2);
( 99.0, -169.7, 0.0, 1.2);	( 91.9, -176.8, 0.0, 1.2);
( 84.8, -183.9, 0.0, 1.2);	( 77.8, -190.9, 0.0, 1.2);
( 70.7, -198.0, 0.0, 1.2);	( 63.6, -205.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 212.1, -70.7, 0.0, 1.2);	( 205.1, -77.8, 0.0, 1.2);
( 198.0, -84.8, 0.0, 1.2);	( 190.9, -91.9, 0.0, 1.2);
( 183.9, -99.0, 0.0, 1.2);	( 176.8, -106.1, 0.0, 1.2);
( 169.7, -113.1, 0.0, 1.2);	( 162.6, -120.2, 0.0, 1.2);
( 159.1, -123.7, 0.0, 1.2);	( 155.6, -127.3, 0.0, 1.2);
( 153.4, -129.4, 0.0, 1.2);	( 152.0, -130.8, 0.0, 1.2);
( 150.6, -132.2, 0.0, 1.2);	( 149.2, -133.6, 0.0, 1.2);
( 147.8, -135.1, 0.0, 1.2);	( 135.1, -147.8, 0.0, 1.2);
( 133.6, -149.2, 0.0, 1.2);	( 132.2, -150.6, 0.0, 1.2);
( 130.8, -152.0, 0.0, 1.2);	( 129.4, -153.4, 0.0, 1.2);
( 127.3, -155.6, 0.0, 1.2);	( 123.7, -159.1, 0.0, 1.2);
( 120.2, -162.6, 0.0, 1.2);	( 113.1, -169.7, 0.0, 1.2);
( 106.1, -176.8, 0.0, 1.2);	( 99.0, -183.9, 0.0, 1.2);
( 91.9, -190.9, 0.0, 1.2);	( 84.8, -198.0, 0.0, 1.2);
( 77.8, -205.1, 0.0, 1.2);	( 70.7, -212.1, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 219.2, -77.8, 0.0, 1.2);	( 212.1, -84.8, 0.0, 1.2);
( 205.1, -91.9, 0.0, 1.2);	( 198.0, -99.0, 0.0, 1.2);
( 190.9, -106.1, 0.0, 1.2);	( 183.9, -113.1, 0.0, 1.2);
( 176.8, -120.2, 0.0, 1.2);	( 169.7, -127.3, 0.0, 1.2);
( 166.2, -130.8, 0.0, 1.2);	( 162.6, -134.4, 0.0, 1.2);
( 160.5, -136.5, 0.0, 1.2);	( 159.1, -137.9, 0.0, 1.2);
( 157.7, -139.3, 0.0, 1.2);	( 156.3, -140.7, 0.0, 1.2);
( 154.9, -142.1, 0.0, 1.2);	( 142.1, -154.9, 0.0, 1.2);
( 140.7, -156.3, 0.0, 1.2);	( 139.3, -157.7, 0.0, 1.2);
( 137.9, -159.1, 0.0, 1.2);	( 136.5, -160.5, 0.0, 1.2);
( 134.4, -162.6, 0.0, 1.2);	( 130.8, -166.2, 0.0, 1.2);
( 127.3, -169.7, 0.0, 1.2);	( 120.2, -176.8, 0.0, 1.2);
( 113.1, -183.9, 0.0, 1.2);	( 106.1, -190.9, 0.0, 1.2);
( 99.0, -198.0, 0.0, 1.2);	( 91.9, -205.1, 0.0, 1.2);
( 84.8, -212.1, 0.0, 1.2);	( 77.8, -219.2, 0.0, 1.2);
( 226.3, -84.8, 0.0, 1.2);	( 219.2, -91.9, 0.0, 1.2);
( 212.1, -99.0, 0.0, 1.2);	( 205.1, -106.1, 0.0, 1.2);
( 198.0, -113.1, 0.0, 1.2);	( 190.9, -120.2, 0.0, 1.2);
( 183.9, -127.3, 0.0, 1.2);	( 176.8, -134.4, 0.0, 1.2);
( 173.2, -137.9, 0.0, 1.2);	( 169.7, -141.4, 0.0, 1.2);
( 167.6, -143.5, 0.0, 1.2);	( 166.2, -145.0, 0.0, 1.2);
( 164.8, -146.4, 0.0, 1.2);	( 163.3, -147.8, 0.0, 1.2);
( 161.9, -149.2, 0.0, 1.2);	( 149.2, -161.9, 0.0, 1.2);
( 147.8, -163.3, 0.0, 1.2);	( 146.4, -164.8, 0.0, 1.2);
( 145.0, -166.2, 0.0, 1.2);	( 143.5, -167.6, 0.0, 1.2);
( 141.4, -169.7, 0.0, 1.2);	( 137.9, -173.2, 0.0, 1.2);
( 134.4, -176.8, 0.0, 1.2);	( 127.3, -183.9, 0.0, 1.2);
( 120.2, -190.9, 0.0, 1.2);	( 113.1, -198.0, 0.0, 1.2);
( 106.1, -205.1, 0.0, 1.2);	( 99.0, -212.1, 0.0, 1.2);
( 91.9, -219.2, 0.0, 1.2);	( 84.8, -226.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 233.4, -91.9, 0.0, 1.2);	( 226.3, -99.0, 0.0, 1.2);
( 219.2, -106.1, 0.0, 1.2);	( 212.1, -113.1, 0.0, 1.2);
( 205.1, -120.2, 0.0, 1.2);	( 198.0, -127.3, 0.0, 1.2);
( 190.9, -134.4, 0.0, 1.2);	( 183.9, -141.4, 0.0, 1.2);
( 180.3, -145.0, 0.0, 1.2);	( 176.8, -148.5, 0.0, 1.2);
( 174.7, -150.6, 0.0, 1.2);	( 173.2, -152.0, 0.0, 1.2);
( 171.8, -153.4, 0.0, 1.2);	( 170.4, -154.9, 0.0, 1.2);

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.0, -156.3, 0.0, 1.2);	( 156.3, -169.0, 0.0, 1.2);
( 154.9, -170.4, 0.0, 1.2);	( 153.4, -171.8, 0.0, 1.2);
( 152.0, -173.2, 0.0, 1.2);	( 150.6, -174.7, 0.0, 1.2);
( 148.5, -176.8, 0.0, 1.2);	( 145.0, -180.3, 0.0, 1.2);
( 141.4, -183.9, 0.0, 1.2);	( 134.4, -190.9, 0.0, 1.2);
( 127.3, -198.0, 0.0, 1.2);	( 120.2, -205.1, 0.0, 1.2);
( 113.1, -212.1, 0.0, 1.2);	( 106.1, -219.2, 0.0, 1.2);
( 99.0, -226.3, 0.0, 1.2);	( 91.9, -233.4, 0.0, 1.2);
( 240.4, -99.0, 0.0, 1.2);	( 233.4, -106.1, 0.0, 1.2);
( 226.3, -113.1, 0.0, 1.2);	( 219.2, -120.2, 0.0, 1.2);
( 212.1, -127.3, 0.0, 1.2);	( 205.1, -134.4, 0.0, 1.2);
( 198.0, -141.4, 0.0, 1.2);	( 190.9, -148.5, 0.0, 1.2);
( 187.4, -152.0, 0.0, 1.2);	( 183.9, -155.6, 0.0, 1.2);
( 181.7, -157.7, 0.0, 1.2);	( 180.3, -159.1, 0.0, 1.2);
( 178.9, -160.5, 0.0, 1.2);	( 177.5, -161.9, 0.0, 1.2);
( 176.1, -163.3, 0.0, 1.2);	( 163.3, -176.1, 0.0, 1.2);
( 161.9, -177.5, 0.0, 1.2);	( 160.5, -178.9, 0.0, 1.2);
( 159.1, -180.3, 0.0, 1.2);	( 157.7, -181.7, 0.0, 1.2);
( 155.6, -183.9, 0.0, 1.2);	( 152.0, -187.4, 0.0, 1.2);
( 148.5, -190.9, 0.0, 1.2);	( 141.4, -198.0, 0.0, 1.2);
( 134.4, -205.1, 0.0, 1.2);	( 127.3, -212.1, 0.0, 1.2);
( 120.2, -219.2, 0.0, 1.2);	( 113.1, -226.3, 0.0, 1.2);
( 106.1, -233.4, 0.0, 1.2);	( 99.0, -240.4, 0.0, 1.2);
( 247.5, -106.1, 0.0, 1.2);	( 240.4, -113.1, 0.0, 1.2);
( 233.4, -120.2, 0.0, 1.2);	( 226.3, -127.3, 0.0, 1.2);
( 219.2, -134.4, 0.0, 1.2);	( 212.1, -141.4, 0.0, 1.2);
( 205.1, -148.5, 0.0, 1.2);	( 198.0, -155.6, 0.0, 1.2);
( 194.4, -159.1, 0.0, 1.2);	( 190.9, -162.6, 0.0, 1.2);
( 188.8, -164.8, 0.0, 1.2);	( 187.4, -166.2, 0.0, 1.2);
( 186.0, -167.6, 0.0, 1.2);	( 184.6, -169.0, 0.0, 1.2);
( 183.1, -170.4, 0.0, 1.2);	( 170.4, -183.1, 0.0, 1.2);
( 169.0, -184.6, 0.0, 1.2);	( 167.6, -186.0, 0.0, 1.2);
( 166.2, -187.4, 0.0, 1.2);	( 164.8, -188.8, 0.0, 1.2);
( 162.6, -190.9, 0.0, 1.2);	( 159.1, -194.4, 0.0, 1.2);
( 155.6, -198.0, 0.0, 1.2);	( 148.5, -205.1, 0.0, 1.2);
( 141.4, -212.1, 0.0, 1.2);	( 134.4, -219.2, 0.0, 1.2);
( 127.3, -226.3, 0.0, 1.2);	( 120.2, -233.4, 0.0, 1.2);
( 113.1, -240.4, 0.0, 1.2);	( 106.1, -247.5, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00004	-141.42	212.13	0.00004
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00005
-212.13	141.42	0.00005	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00004	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00004



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006
-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00006	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00004	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-98.99	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00005
-120.21	176.78	0.00005	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00006
-156.27	140.71	0.00006	-157.68	139.30	0.00006
-159.10	137.89	0.00006	-160.51	136.47	0.00006
-162.63	134.35	0.00006	-166.17	130.81	0.00006
-169.71	127.28	0.00006	-176.78	120.21	0.00006
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	99.00	0.00006	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00004	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00005	-106.07	176.78	0.00006
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00006	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007
-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00005	-70.71	197.99	0.00005
-77.78	190.92	0.00005	-84.85	183.85	0.00005
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00006	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00007
-142.13	126.57	0.00007	-143.54	125.16	0.00007
-144.96	123.74	0.00007	-146.37	122.33	0.00007
-148.49	120.21	0.00007	-152.03	116.67	0.00007
-155.56	113.14	0.00007	-162.63	106.07	0.00007
-169.71	98.99	0.00007	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00005	-63.64	190.92	0.00005
-70.71	183.85	0.00005	-77.78	176.78	0.00006
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-98.99	155.56	0.00006	-106.07	148.49	0.00006
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00007
-135.06	119.50	0.00007	-136.47	118.09	0.00007
-137.89	116.67	0.00007	-139.30	115.26	0.00007
-141.42	113.14	0.00007	-144.96	109.60	0.00007
-148.49	106.07	0.00007	-155.56	98.99	0.00007
-162.63	91.92	0.00007	-169.71	84.85	0.00008
-176.78	77.78	0.00008	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00005	-56.57	183.85	0.00005
-63.64	176.78	0.00006	-70.71	169.71	0.00006
-77.78	162.63	0.00006	-84.85	155.56	0.00006
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00007
-134.35	106.07	0.00007	-137.89	102.53	0.00007
-141.42	98.99	0.00008	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00008	-190.92	49.50	0.00008
-42.43	183.85	0.00005	-49.50	176.78	0.00005
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00006	-77.78	148.49	0.00007
-84.85	141.42	0.00007	-91.92	134.35	0.00007
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00008
-120.92	105.36	0.00008	-122.33	103.94	0.00008
-123.74	102.53	0.00008	-125.16	101.12	0.00008
-127.28	98.99	0.00008	-130.81	95.46	0.00008
-134.35	91.92	0.00008	-141.42	84.85	0.00008
-148.49	77.78	0.00008	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00006
-49.50	162.63	0.00006	-56.57	155.56	0.00006
-63.64	148.49	0.00007	-70.71	141.42	0.00007
-77.78	134.35	0.00007	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00008
-113.84	98.29	0.00008	-115.26	96.87	0.00008
-116.67	95.46	0.00008	-118.09	94.05	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00008	-123.74	88.39	0.00008
-127.28	84.85	0.00008	-134.35	77.78	0.00009
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00009
-169.71	42.43	0.00009	-176.78	35.36	0.00009
-28.28	169.71	0.00005	-35.36	162.63	0.00006
-42.43	155.56	0.00006	-49.50	148.49	0.00007
-56.57	141.42	0.00007	-63.64	134.35	0.00007
-70.71	127.28	0.00008	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00009
-106.77	91.22	0.00009	-108.19	89.80	0.00009
-109.60	88.39	0.00009	-111.02	86.97	0.00009
-113.14	84.85	0.00009	-116.67	81.32	0.00009
-120.21	77.78	0.00009	-127.28	70.71	0.00009
-134.35	63.64	0.00009	-141.42	56.57	0.00009
-148.49	49.50	0.00009	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00006	-28.28	155.56	0.00006
-35.36	148.49	0.00007	-42.43	141.42	0.00007
-49.50	134.35	0.00007	-56.57	127.28	0.00008
-63.64	120.21	0.00008	-70.71	113.14	0.00008
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00009
-99.70	84.15	0.00009	-101.12	82.73	0.00009
-102.53	81.32	0.00009	-103.94	79.90	0.00009
-106.07	77.78	0.00009	-109.60	74.25	0.00009
-113.14	70.71	0.00010	-120.21	63.64	0.00010
-127.28	56.57	0.00010	-134.35	49.50	0.00010
-141.42	42.43	0.00010	-148.49	35.36	0.00010
-155.56	28.28	0.00010	-162.63	21.21	0.00010
-14.14	155.56	0.00006	-21.21	148.49	0.00006
-28.28	141.42	0.00007	-35.36	134.35	0.00007

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00008	-49.50	120.21	0.00008
-56.57	113.14	0.00009	-63.64	106.07	0.00009
-67.18	102.53	0.00009	-70.71	98.99	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00009	-74.25	95.46	0.00009
-75.66	94.05	0.00009	-77.07	92.63	0.00009
-78.49	91.22	0.00009	-91.22	78.49	0.00010
-92.63	77.07	0.00010	-94.05	75.66	0.00010
-95.46	74.25	0.00010	-96.87	72.83	0.00010
-98.99	70.71	0.00010	-102.53	67.18	0.00010
-106.07	63.64	0.00010	-113.14	56.57	0.00010
-120.21	49.50	0.00011	-127.28	42.43	0.00011
-134.35	35.36	0.00011	-141.42	28.28	0.00011
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00006	-14.14	141.42	0.00007
-21.21	134.35	0.00007	-28.28	127.28	0.00008
-35.36	120.21	0.00008	-42.43	113.14	0.00009
-49.50	106.07	0.00009	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00010
-85.56	70.00	0.00010	-86.97	68.59	0.00011
-88.39	67.18	0.00011	-89.80	65.76	0.00011
-91.92	63.64	0.00011	-95.46	60.10	0.00011
-98.99	56.57	0.00011	-106.07	49.50	0.00011
-113.14	42.43	0.00011	-120.21	35.36	0.00011
-127.28	28.28	0.00011	-134.35	21.21	0.00011
-141.42	14.14	0.00011	-148.49	7.07	0.00011
0.00	141.42	0.00006	-7.07	134.35	0.00007
-14.14	127.28	0.00008	-21.21	120.21	0.00008
-28.28	113.14	0.00009	-35.36	106.07	0.00009
-42.43	98.99	0.00010	-49.50	91.92	0.00010
-53.03	88.39	0.00010	-56.57	84.85	0.00010
-58.69	82.73	0.00011	-60.10	81.32	0.00011

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00011
-78.49	62.93	0.00011	-79.90	61.52	0.00011
-81.32	60.10	0.00011	-82.73	58.69	0.00011
-84.85	56.57	0.00011	-88.39	53.03	0.00012
-91.92	49.50	0.00012	-98.99	42.43	0.00012
-106.07	35.36	0.00012	-113.14	28.28	0.00012
-120.21	21.21	0.00012	-127.28	14.14	0.00012
-134.35	7.07	0.00012	-141.42	0.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00006	0.00	127.28	0.00007
-7.07	120.21	0.00008	-14.14	113.14	0.00009
-21.21	106.07	0.00009	-28.28	98.99	0.00010
-35.36	91.92	0.00010	-42.43	84.85	0.00011
-45.96	81.32	0.00011	-49.50	77.78	0.00011
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00011	-55.86	71.42	0.00011
-57.28	70.00	0.00012	-70.00	57.28	0.00012
-71.42	55.86	0.00012	-72.83	54.45	0.00012
-74.25	53.03	0.00012	-75.66	51.62	0.00012
-77.78	49.50	0.00012	-81.32	45.96	0.00012
-84.85	42.43	0.00013	-91.92	35.36	0.00013
-98.99	28.28	0.00013	-106.07	21.21	0.00013
-113.14	14.14	0.00013	-120.21	7.07	0.00013
-127.28	0.00	0.00012	-134.35	-7.07	0.00012
14.14	127.28	0.00007	7.07	120.21	0.00007
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00010	-21.21	91.92	0.00010
-28.28	84.85	0.00011	-35.36	77.78	0.00012
-38.89	74.25	0.00012	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00012
-50.20	62.93	0.00012	-62.93	50.20	0.00013
-64.35	48.79	0.00013	-65.76	47.38	0.00013
-67.18	45.96	0.00013	-68.59	44.55	0.00013

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00013	-74.25	38.89	0.00013
-77.78	35.36	0.00014	-84.85	28.28	0.00014
-91.92	21.21	0.00014	-98.99	14.14	0.00014
-106.07	7.07	0.00014	-113.14	0.00	0.00013
-120.21	-7.07	0.00013	-127.28	-14.14	0.00012
21.21	120.21	0.00007	14.14	113.14	0.00008
7.07	106.07	0.00009	0.00	98.99	0.00009
-7.07	91.92	0.00010	-14.14	84.85	0.00011
-21.21	77.78	0.00012	-28.28	70.71	0.00012
-31.82	67.18	0.00013	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00013	-41.72	57.28	0.00013
-43.13	55.86	0.00013	-55.86	43.13	0.00014
-57.28	41.72	0.00014	-58.69	40.31	0.00014
-60.10	38.89	0.00014	-61.52	37.48	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00014	-67.18	31.82	0.00014
-70.71	28.28	0.00015	-77.78	21.21	0.00015
-84.85	14.14	0.00015	-91.92	7.07	0.00015
-98.99	0.00	0.00015	-106.07	-7.07	0.00014
-113.14	-14.14	0.00014	-120.21	-21.21	0.00013
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00009	7.07	91.92	0.00010
0.00	84.85	0.00011	-7.07	77.78	0.00012
-14.14	70.71	0.00013	-21.21	63.64	0.00013
-24.75	60.10	0.00014	-28.28	56.57	0.00014
-30.41	54.45	0.00014	-31.82	53.03	0.00014
-33.23	51.62	0.00014	-34.65	50.20	0.00014
-36.06	48.79	0.00014	-48.79	36.06	0.00015
-50.20	34.65	0.00015	-51.62	33.23	0.00015
-53.03	31.82	0.00015	-54.45	30.41	0.00015
-56.57	28.28	0.00015	-60.10	24.75	0.00016
-63.64	21.21	0.00016	-70.71	14.14	0.00016
-77.78	7.07	0.00016	-84.85	0.00	0.00016
-91.92	-7.07	0.00016	-98.99	-14.14	0.00015

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00015	-113.14	-28.28	0.00014
35.36	106.07	0.00007	28.28	98.99	0.00008
21.21	91.92	0.00009	14.14	84.85	0.00010
7.07	77.78	0.00012	0.00	70.71	0.00013
-7.07	63.64	0.00014	-14.14	56.57	0.00014
-17.68	53.03	0.00015	-21.21	49.50	0.00015
-23.33	47.38	0.00015	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00016
-43.13	27.58	0.00016	-44.55	26.16	0.00016
-45.96	24.75	0.00017	-47.38	23.33	0.00017
-49.50	21.21	0.00017	-53.03	17.68	0.00017
-56.57	14.14	0.00017	-63.64	7.07	0.00018
-70.71	0.00	0.00018	-77.78	-7.07	0.00017
-84.85	-14.14	0.00017	-91.92	-21.21	0.00016
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00007	35.36	91.92	0.00008
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00012	7.07	63.64	0.00013
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00016	-14.14	42.43	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00017
-21.92	34.65	0.00017	-34.65	21.92	0.00018
-36.06	20.51	0.00018	-37.48	19.09	0.00018
-38.89	17.68	0.00018	-40.31	16.26	0.00018
-42.43	14.14	0.00018	-45.96	10.61	0.00019
-49.50	7.07	0.00019	-56.57	0.00	0.00019
-63.64	-7.07	0.00019	-70.71	-14.14	0.00019
-77.78	-21.21	0.00018	-84.85	-28.28	0.00017
-91.92	-35.36	0.00017	-98.99	-42.43	0.00016
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00011
21.21	63.64	0.00013	14.14	56.57	0.00014

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00016	0.00	42.43	0.00017
-3.54	38.89	0.00017	-7.07	35.36	0.00018
-9.19	33.23	0.00018	-10.61	31.82	0.00018
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00019	-27.58	14.85	0.00019
-28.99	13.44	0.00020	-30.41	12.02	0.00020
-31.82	10.61	0.00020	-33.23	9.19	0.00020
-35.36	7.07	0.00020	-38.89	3.54	0.00020
-42.43	0.00	0.00021	-49.50	-7.07	0.00021
-56.57	-14.14	0.00021	-63.64	-21.21	0.00020
-70.71	-28.28	0.00020	-77.78	-35.36	0.00019
-84.85	-42.43	0.00018	-91.92	-49.50	0.00017
56.57	84.85	0.00008	49.50	77.78	0.00009
42.43	70.71	0.00010	35.36	63.64	0.00012
28.28	56.57	0.00014	21.21	49.50	0.00015
14.14	42.43	0.00017	7.07	35.36	0.00018
3.54	31.82	0.00019	0.00	28.28	0.00019
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00020	-6.36	21.92	0.00020
-7.78	20.51	0.00020	-20.51	7.78	0.00021
-21.92	6.36	0.00022	-23.33	4.95	0.00022
-24.75	3.54	0.00022	-26.16	2.12	0.00022
-28.28	0.00	0.00022	-31.82	-3.54	0.00022
-35.36	-7.07	0.00023	-42.43	-14.14	0.00023
-49.50	-21.21	0.00023	-56.57	-28.28	0.00022
-63.64	-35.36	0.00021	-70.71	-42.43	0.00020
-77.78	-49.50	0.00019	-84.85	-56.57	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 32  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00008	56.57	70.71	0.00009
49.50	63.64	0.00011	42.43	56.57	0.00012
35.36	49.50	0.00014	28.28	42.43	0.00016
21.21	35.36	0.00018	14.14	28.28	0.00020
10.61	24.75	0.00021	7.07	21.21	0.00021
4.95	19.09	0.00022	3.54	17.68	0.00022
2.12	16.26	0.00022	0.71	14.85	0.00022

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00022	-13.44	0.71	0.00024
-14.85	-0.71	0.00024	-16.26	-2.12	0.00024
-17.68	-3.54	0.00024	-19.09	-4.95	0.00024
-21.21	-7.07	0.00025	-24.75	-10.61	0.00025
-28.28	-14.14	0.00025	-35.36	-21.21	0.00025
-42.43	-28.28	0.00025	-49.50	-35.36	0.00024
-56.57	-42.43	0.00023	-63.64	-49.50	0.00022
-70.71	-56.57	0.00020	-77.78	-63.64	0.00019
70.71	70.71	0.00008	63.64	63.64	0.00010
56.57	56.57	0.00011	49.50	49.50	0.00013
42.43	42.43	0.00015	35.36	35.36	0.00018
28.28	28.28	0.00020	21.21	21.21	0.00022
17.68	17.68	0.00023	14.14	14.14	0.00024
12.02	12.02	0.00024	10.61	10.61	0.00024
9.19	9.19	0.00024	7.78	7.78	0.00025
6.36	6.36	0.00025	-6.36	-6.36	0.00026
-7.78	-7.78	0.00027	-9.19	-9.19	0.00027
-10.61	-10.61	0.00027	-12.02	-12.02	0.00027
-14.14	-14.14	0.00027	-17.68	-17.68	0.00028
-21.21	-21.21	0.00028	-28.28	-28.28	0.00028
-35.36	-35.36	0.00027	-42.43	-42.43	0.00026
-49.50	-49.50	0.00025	-56.57	-56.57	0.00023
-63.64	-63.64	0.00022	-70.71	-70.71	0.00020
77.78	63.64	0.00009	70.71	56.57	0.00010
63.64	49.50	0.00012	56.57	42.43	0.00014
49.50	35.36	0.00016	42.43	28.28	0.00019
35.36	21.21	0.00022	28.28	14.14	0.00024
24.75	10.61	0.00025	21.21	7.07	0.00026
19.09	4.95	0.00027	17.68	3.54	0.00027
16.26	2.12	0.00027	14.85	0.71	0.00027
13.44	-0.71	0.00028	0.71	-13.44	0.00029
-0.71	-14.85	0.00030	-2.12	-16.26	0.00030
-3.54	-17.68	0.00030	-4.95	-19.09	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00031	-10.61	-24.75	0.00031



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00031	-21.21	-35.36	0.00031
-28.28	-42.43	0.00030	-35.36	-49.50	0.00029
-42.43	-56.57	0.00027	-49.50	-63.64	0.00025
-56.57	-70.71	0.00023	-63.64	-77.78	0.00022
84.85	56.57	0.00009	77.78	49.50	0.00010
70.71	42.43	0.00012	63.64	35.36	0.00014
56.57	28.28	0.00017	49.50	21.21	0.00020
42.43	14.14	0.00023	35.36	7.07	0.00026
31.82	3.54	0.00028	28.28	0.00	0.00029
26.16	-2.12	0.00030	24.75	-3.54	0.00030
23.33	-4.95	0.00030	21.92	-6.36	0.00031
20.51	-7.78	0.00031	7.78	-20.51	0.00033
6.36	-21.92	0.00033	4.95	-23.33	0.00034
3.54	-24.75	0.00034	2.12	-26.16	0.00034
0.00	-28.28	0.00034	-3.54	-31.82	0.00035
-7.07	-35.36	0.00035	-14.14	-42.43	0.00035
-21.21	-49.50	0.00033	-28.28	-56.57	0.00031
-35.36	-63.64	0.00029	-42.43	-70.71	0.00027
-49.50	-77.78	0.00025	-56.57	-84.85	0.00023
91.92	49.50	0.00009	84.85	42.43	0.00011
77.78	35.36	0.00012	70.71	28.28	0.00015
63.64	21.21	0.00018	56.57	14.14	0.00021
49.50	7.07	0.00025	42.43	0.00	0.00029
38.89	-3.54	0.00031	35.36	-7.07	0.00032
33.23	-9.19	0.00033	31.82	-10.61	0.00034
30.41	-12.02	0.00034	28.99	-13.44	0.00035
27.58	-14.85	0.00035	14.85	-27.58	0.00038
13.44	-28.99	0.00038	12.02	-30.41	0.00038
10.61	-31.82	0.00039	9.19	-33.23	0.00039
7.07	-35.36	0.00039	3.54	-38.89	0.00040
0.00	-42.43	0.00040	-7.07	-49.50	0.00039
-14.14	-56.57	0.00037	-21.21	-63.64	0.00034
-28.28	-70.71	0.00032	-35.36	-77.78	0.00029
-42.43	-84.85	0.00027	-49.50	-91.92	0.00024
98.99	42.43	0.00009	91.92	35.36	0.00011
84.85	28.28	0.00013	77.78	21.21	0.00015
70.71	14.14	0.00019	63.64	7.07	0.00023
56.57	0.00	0.00027	49.50	-7.07	0.00032
45.96	-10.61	0.00035	42.43	-14.14	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00038	38.89	-17.68	0.00038
37.48	-19.09	0.00039	36.06	-20.51	0.00039
34.65	-21.92	0.00040	21.92	-34.65	0.00043
20.51	-36.06	0.00044	19.09	-37.48	0.00044
17.68	-38.89	0.00044	16.26	-40.31	0.00045
14.14	-42.43	0.00045	10.61	-45.96	0.00045
7.07	-49.50	0.00045	0.00	-56.57	0.00043
-7.07	-63.64	0.00041	-14.14	-70.71	0.00038
-21.21	-77.78	0.00035	-28.28	-84.85	0.00032
-35.36	-91.92	0.00029	-42.43	-98.99	0.00026
106.07	35.36	0.00010	98.99	28.28	0.00011
91.92	21.21	0.00013	84.85	14.14	0.00016
77.78	7.07	0.00019	70.71	0.00	0.00024
63.64	-7.07	0.00030	56.57	-14.14	0.00036
53.03	-17.68	0.00039	49.50	-21.21	0.00041
47.38	-23.33	0.00043	45.96	-24.75	0.00044
44.55	-26.16	0.00044	43.13	-27.58	0.00045
41.72	-28.99	0.00046	28.99	-41.72	0.00050
27.58	-43.13	0.00050	26.16	-44.55	0.00051
24.75	-45.96	0.00051	23.33	-47.38	0.00052
21.21	-49.50	0.00052	17.68	-53.03	0.00052
14.14	-56.57	0.00052	7.07	-63.64	0.00049
0.00	-70.71	0.00045	-7.07	-77.78	0.00042
-14.14	-84.85	0.00038	-21.21	-91.92	0.00034
-28.28	-98.99	0.00030	-35.36	-106.07	0.00027
113.14	28.28	0.00010	106.07	21.21	0.00012
98.99	14.14	0.00014	91.92	7.07	0.00017
84.85	0.00	0.00020	77.78	-7.07	0.00025
70.71	-14.14	0.00032	63.64	-21.21	0.00040
60.10	-24.75	0.00044	56.57	-28.28	0.00047
54.45	-30.41	0.00049	53.03	-31.82	0.00050
51.62	-33.23	0.00051	50.20	-34.65	0.00052
48.79	-36.06	0.00053	36.06	-48.79	0.00058
34.65	-50.20	0.00059	33.23	-51.62	0.00059
31.82	-53.03	0.00060	30.41	-54.45	0.00060
28.28	-56.57	0.00061	24.75	-60.10	0.00060
21.21	-63.64	0.00059	14.14	-70.71	0.00055
7.07	-77.78	0.00051	0.00	-84.85	0.00046
-7.07	-91.92	0.00041	-14.14	-98.99	0.00036

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00032 -28.28 -113.14 0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00010	113.14	14.14	0.00012
106.07	7.07	0.00014	98.99	0.00	0.00017
91.92	-7.07	0.00021	84.85	-14.14	0.00027
77.78	-21.21	0.00034	70.71	-28.28	0.00044
67.18	-31.82	0.00049	63.64	-35.36	0.00054
61.52	-37.48	0.00057	60.10	-38.89	0.00058
58.69	-40.31	0.00060	57.28	-41.72	0.00061
55.86	-43.13	0.00062	43.13	-55.86	0.00069
41.72	-57.28	0.00070	40.31	-58.69	0.00071
38.89	-60.10	0.00071	37.48	-61.52	0.00071
35.36	-63.64	0.00071	31.82	-67.18	0.00070
28.28	-70.71	0.00068	21.21	-77.78	0.00063
14.14	-84.85	0.00056	7.07	-91.92	0.00050
0.00	-98.99	0.00044	-7.07	-106.07	0.00038
-14.14	-113.14	0.00033	-21.21	-120.21	0.00028
127.28	14.14	0.00011	120.21	7.07	0.00013
113.14	0.00	0.00015	106.07	-7.07	0.00018
98.99	-14.14	0.00022	91.92	-21.21	0.00028
84.85	-28.28	0.00037	77.78	-35.36	0.00048
74.25	-38.89	0.00055	70.71	-42.43	0.00062
68.59	-44.55	0.00066	67.18	-45.96	0.00068
65.76	-47.38	0.00070	64.35	-48.79	0.00072
62.93	-50.20	0.00074	50.20	-62.93	0.00083
48.79	-64.35	0.00084	47.38	-65.76	0.00085
45.96	-67.18	0.00085	44.55	-68.59	0.00085
42.43	-70.71	0.00084	38.89	-74.25	0.00082
35.36	-77.78	0.00079	28.28	-84.85	0.00071
21.21	-91.92	0.00062	14.14	-98.99	0.00054
7.07	-106.07	0.00046	0.00	-113.14	0.00039
-7.07	-120.21	0.00033	-14.14	-127.28	0.00028
134.35	7.07	0.00012	127.28	0.00	0.00013
120.21	-7.07	0.00016	113.14	-14.14	0.00019
106.07	-21.21	0.00023	98.99	-28.28	0.00030

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00039	84.85	-42.43	0.00052
81.32	-45.96	0.00061	77.78	-49.50	0.00070
75.66	-51.62	0.00076	74.25	-53.03	0.00080
72.83	-54.45	0.00083	71.42	-55.86	0.00086
70.00	-57.28	0.00089	57.28	-70.00	0.00102
55.86	-71.42	0.00103	54.45	-72.83	0.00103
53.03	-74.25	0.00103	51.62	-75.66	0.00102

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00101	45.96	-81.32	0.00096
42.43	-84.85	0.00091	35.36	-91.92	0.00080
28.28	-98.99	0.00068	21.21	-106.07	0.00057
14.14	-113.14	0.00048	7.07	-120.21	0.00040
0.00	-127.28	0.00033	-7.07	-134.35	0.00028
141.42	0.00	0.00012	134.35	-7.07	0.00014
127.28	-14.14	0.00017	120.21	-21.21	0.00020
113.14	-28.28	0.00024	106.07	-35.36	0.00031
98.99	-42.43	0.00041	91.92	-49.50	0.00057
88.39	-53.03	0.00067	84.85	-56.57	0.00079
82.73	-58.69	0.00087	81.32	-60.10	0.00093
79.90	-61.52	0.00098	78.49	-62.93	0.00103
77.07	-64.35	0.00108	64.35	-77.07	0.00126
62.93	-78.49	0.00127	61.52	-79.90	0.00126
60.10	-81.32	0.00125	58.69	-82.73	0.00123
56.57	-84.85	0.00120	53.03	-88.39	0.00113
49.50	-91.92	0.00105	42.43	-98.99	0.00088
35.36	-106.07	0.00072	28.28	-113.14	0.00059
21.21	-120.21	0.00049	14.14	-127.28	0.00040
7.07	-134.35	0.00034	0.00	-141.42	0.00028
148.49	-7.07	0.00013	141.42	-14.14	0.00015
134.35	-21.21	0.00018	127.28	-28.28	0.00021
120.21	-35.36	0.00026	113.14	-42.43	0.00033
106.07	-49.50	0.00044	98.99	-56.57	0.00061
95.46	-60.10	0.00073	91.92	-63.64	0.00088
89.80	-65.76	0.00099	88.39	-67.18	0.00107
86.97	-68.59	0.00115	85.56	-70.00	0.00123

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00131	71.42	-84.15	0.00159
70.00	-85.56	0.00157	68.59	-86.97	0.00155
67.18	-88.39	0.00152	65.76	-89.80	0.00148
63.64	-91.92	0.00142	60.10	-95.46	0.00130
56.57	-98.99	0.00117	49.50	-106.07	0.00094
42.43	-113.14	0.00075	35.36	-120.21	0.00061
28.28	-127.28	0.00049	21.21	-134.35	0.00041
14.14	-141.42	0.00034	7.07	-148.49	0.00028
155.56	-14.14	0.00014	148.49	-21.21	0.00016
141.42	-28.28	0.00019	134.35	-35.36	0.00023
127.28	-42.43	0.00028	120.21	-49.50	0.00036
113.14	-56.57	0.00047	106.07	-63.64	0.00065
102.53	-67.18	0.00079	98.99	-70.71	0.00097

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00110	95.46	-74.25	0.00120
94.05	-75.66	0.00131	92.63	-77.07	0.00144
91.22	-78.49	0.00156	78.49	-91.22	0.00199
77.07	-92.63	0.00194	75.66	-94.05	0.00187
74.25	-95.46	0.00180	72.83	-96.87	0.00172
70.71	-98.99	0.00160	67.18	-102.53	0.00141
63.64	-106.07	0.00124	56.57	-113.14	0.00097
49.50	-120.21	0.00077	42.43	-127.28	0.00062
35.36	-134.35	0.00050	28.28	-141.42	0.00041
21.21	-148.49	0.00034	14.14	-155.56	0.00028
162.63	-21.21	0.00015	155.56	-28.28	0.00017
148.49	-35.36	0.00021	141.42	-42.43	0.00025
134.35	-49.50	0.00031	127.28	-56.57	0.00039
120.21	-63.64	0.00051	113.14	-70.71	0.00072
109.60	-74.25	0.00087	106.07	-77.78	0.00107
103.94	-79.90	0.00122	102.53	-81.32	0.00133
101.12	-82.73	0.00147	99.70	-84.15	0.00162
98.29	-85.56	0.00180	85.56	-98.29	0.00236
84.15	-99.70	0.00222	82.73	-101.12	0.00208
81.32	-102.53	0.00196	79.90	-103.94	0.00185
77.78	-106.07	0.00169	74.25	-109.60	0.00147

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00128	63.64	-120.21	0.00099
56.57	-127.28	0.00078	49.50	-134.35	0.00062
42.43	-141.42	0.00050	35.36	-148.49	0.00040
28.28	-155.56	0.00033	21.21	-162.63	0.00028
169.71	-28.28	0.00016	162.63	-35.36	0.00019
155.56	-42.43	0.00022	148.49	-49.50	0.00027
141.42	-56.57	0.00033	134.35	-63.64	0.00042
127.28	-70.71	0.00056	120.21	-77.78	0.00079
116.67	-81.32	0.00097	113.14	-84.85	0.00120
111.02	-86.97	0.00138	109.60	-88.39	0.00152
108.19	-89.80	0.00169	106.77	-91.22	0.00190
105.36	-92.63	0.00217	92.63	-105.36	0.00264
91.22	-106.77	0.00242	89.80	-108.19	0.00225
88.39	-109.60	0.00210	86.97	-111.02	0.00196
84.85	-113.14	0.00178	81.32	-116.67	0.00153
77.78	-120.21	0.00133	70.71	-127.28	0.00102
63.64	-134.35	0.00079	56.57	-141.42	0.00062
49.50	-148.49	0.00050	42.43	-155.56	0.00041
35.36	-162.63	0.00034	28.28	-169.71	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00017	169.71	-42.43	0.00020
162.63	-49.50	0.00024	155.56	-56.57	0.00029
148.49	-63.64	0.00036	141.42	-70.71	0.00047
134.35	-77.78	0.00063	127.28	-84.85	0.00092
123.74	-88.39	0.00115	120.21	-91.92	0.00150
118.09	-94.05	0.00181	116.67	-95.46	0.00207
115.26	-96.87	0.00241	113.84	-98.29	0.00286
112.43	-99.70	0.00346	99.70	-112.43	0.00317
98.29	-113.84	0.00281	96.87	-115.26	0.00255
95.46	-116.67	0.00234	94.05	-118.09	0.00216
91.92	-120.21	0.00194	88.39	-123.74	0.00164
84.85	-127.28	0.00141	77.78	-134.35	0.00107
70.71	-141.42	0.00083	63.64	-148.49	0.00065
56.57	-155.56	0.00052	49.50	-162.63	0.00042
42.43	-169.71	0.00035	35.36	-176.78	0.00029

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00018	176.78	-49.50	0.00021
169.71	-56.57	0.00026	162.63	-63.64	0.00032
155.56	-70.71	0.00041	148.49	-77.78	0.00054
141.42	-84.85	0.00075	134.35	-91.92	0.00116
130.81	-95.46	0.00152	127.28	-98.99	0.00209
125.16	-101.12	0.00259	123.74	-102.53	0.00301
122.33	-103.94	0.00352	120.92	-105.36	0.00415
119.50	-106.77	0.00494	106.77	-119.50	0.00383
105.36	-120.92	0.00333	103.94	-122.33	0.00295
102.53	-123.74	0.00266	101.12	-125.16	0.00242
98.99	-127.28	0.00214	95.46	-130.81	0.00178
91.92	-134.35	0.00151	84.85	-141.42	0.00113
77.78	-148.49	0.00086	70.71	-155.56	0.00068
63.64	-162.63	0.00054	56.57	-169.71	0.00044
49.50	-176.78	0.00037	42.43	-183.85	0.00031
190.92	-49.50	0.00019	183.85	-56.57	0.00023
176.78	-63.64	0.00029	169.71	-70.71	0.00036
162.63	-77.78	0.00047	155.56	-84.85	0.00063
148.49	-91.92	0.00093	141.42	-98.99	0.00151
137.89	-102.53	0.00203	134.35	-106.07	0.00279
132.23	-108.19	0.00343	130.81	-109.60	0.00395
129.40	-111.02	0.00456	127.99	-112.43	0.00528
126.57	-113.84	0.00614	113.84	-126.57	0.00444
112.43	-127.99	0.00385	111.02	-129.40	0.00339
109.60	-130.81	0.00302	108.19	-132.23	0.00272

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00236	102.53	-137.89	0.00193
98.99	-141.42	0.00162	91.92	-148.49	0.00118
84.85	-155.56	0.00090	77.78	-162.63	0.00071
70.71	-169.71	0.00057	63.64	-176.78	0.00047
56.57	-183.85	0.00039	49.50	-190.92	0.00033
197.99	-56.57	0.00021	190.92	-63.64	0.00026
183.85	-70.71	0.00032	176.78	-77.78	0.00041
169.71	-84.85	0.00055	162.63	-91.92	0.00077
155.56	-98.99	0.00117	148.49	-106.07	0.00193

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00256	141.42	-113.14	0.00345
139.30	-115.26	0.00416	137.89	-116.67	0.00473
136.47	-118.09	0.00539	135.06	-119.50	0.00615
133.64	-120.92	0.00705	120.92	-133.64	0.00493
119.50	-135.06	0.00427	118.09	-136.47	0.00375
116.67	-137.89	0.00333	115.26	-139.30	0.00299
113.14	-141.42	0.00258	109.60	-144.96	0.00207
106.07	-148.49	0.00171	98.99	-155.56	0.00124
91.92	-162.63	0.00094	84.85	-169.71	0.00074
77.78	-176.78	0.00060	70.71	-183.85	0.00050
63.64	-190.92	0.00042	56.57	-197.99	0.00036
205.06	-63.64	0.00023	197.99	-70.71	0.00029
190.92	-77.78	0.00036	183.85	-84.85	0.00047
176.78	-91.92	0.00065	169.71	-98.99	0.00094
162.63	-106.07	0.00144	155.56	-113.14	0.00234
152.03	-116.67	0.00304	148.49	-120.21	0.00401
146.37	-122.33	0.00476	144.96	-123.74	0.00534
143.54	-125.16	0.00602	142.13	-126.57	0.00678
140.71	-127.99	0.00768	127.99	-140.71	0.00525
126.57	-142.13	0.00455	125.16	-143.54	0.00400
123.74	-144.96	0.00355	122.33	-146.37	0.00318
120.21	-148.49	0.00273	116.67	-152.03	0.00218
113.14	-155.56	0.00179	106.07	-162.63	0.00130
98.99	-169.71	0.00100	91.92	-176.78	0.00079
84.85	-183.85	0.00064	77.78	-190.92	0.00053
70.71	-197.99	0.00044	63.64	-205.06	0.00038
212.13	-70.71	0.00026	205.06	-77.78	0.00032
197.99	-84.85	0.00041	190.92	-91.92	0.00055
183.85	-98.99	0.00076	176.78	-106.07	0.00111
169.71	-113.14	0.00170	162.63	-120.21	0.00270
159.10	-123.74	0.00346	155.56	-127.28	0.00447

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 15:29:43  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00523	152.03	-130.81	0.00581
150.61	-132.23	0.00647	149.20	-133.64	0.00722
147.79	-135.06	0.00809	135.06	-147.79	0.00539



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00467	132.23	-150.61	0.00411
130.81	-152.03	0.00366	129.40	-153.44	0.00328
127.28	-155.56	0.00283	123.74	-159.10	0.00227
120.21	-162.63	0.00188	113.14	-169.71	0.00137
106.07	-176.78	0.00106	98.99	-183.85	0.00084
91.92	-190.92	0.00068	84.85	-197.99	0.00056
77.78	-205.06	0.00047	70.71	-212.13	0.00039
219.20	-77.78	0.00028	212.13	-84.85	0.00036
205.06	-91.92	0.00047	197.99	-98.99	0.00063
190.92	-106.07	0.00089	183.85	-113.14	0.00129
176.78	-120.21	0.00194	169.71	-127.28	0.00302
166.17	-130.81	0.00381	162.63	-134.35	0.00484
160.51	-136.47	0.00560	159.10	-137.89	0.00617
157.68	-139.30	0.00681	156.27	-140.71	0.00751
154.86	-142.13	0.00834	142.13	-154.86	0.00537
140.71	-156.27	0.00466	139.30	-157.68	0.00412
137.89	-159.10	0.00369	136.47	-160.51	0.00333
134.35	-162.63	0.00290	130.81	-166.17	0.00237
127.28	-169.71	0.00199	120.21	-176.78	0.00146
113.14	-183.85	0.00113	106.07	-190.92	0.00089
98.99	-197.99	0.00072	91.92	-205.06	0.00059
84.85	-212.13	0.00049	77.78	-219.20	0.00041
226.27	-84.85	0.00031	219.20	-91.92	0.00040
212.13	-98.99	0.00053	205.06	-106.07	0.00072
197.99	-113.14	0.00101	190.92	-120.21	0.00145
183.85	-127.28	0.00215	176.78	-134.35	0.00327
173.24	-137.89	0.00408	169.71	-141.42	0.00511
167.58	-143.54	0.00586	166.17	-144.96	0.00642
164.76	-146.37	0.00704	163.34	-147.79	0.00773
161.93	-149.20	0.00850	149.20	-161.93	0.00529
147.79	-163.34	0.00465	146.37	-164.76	0.00416
144.96	-166.17	0.00376	143.54	-167.58	0.00343
141.42	-169.71	0.00302	137.89	-173.24	0.00249
134.35	-176.78	0.00209	127.28	-183.85	0.00154
120.21	-190.92	0.00118	113.14	-197.99	0.00094
106.07	-205.06	0.00076	98.99	-212.13	0.00062
91.92	-219.20	0.00052	84.85	-226.27	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00035	226.27	-98.99	0.00045		
219.20	-106.07	0.00060	212.13	-113.14	0.00081		
205.06	-120.21	0.00113	197.99	-127.28	0.00160		
190.92	-134.35	0.00232	183.85	-141.42	0.00346		
180.31	-144.96	0.00426	176.78	-148.49	0.00527		
174.66	-150.61	0.00600	173.24	-152.03	0.00654		
171.83	-153.44	0.00712	170.41	-154.86	0.00776		
169.00	-156.27	0.00844	156.27	-169.00	0.00523		
154.86	-170.41	0.00466	153.44	-171.83	0.00419		
152.03	-173.24	0.00381	150.61	-174.66	0.00349		
148.49	-176.78	0.00309	144.96	-180.31	0.00256		
141.42	-183.85	0.00216	134.35	-190.92	0.00160		
127.28	-197.99	0.00123	120.21	-205.06	0.00097		
113.14	-212.13	0.00078	106.07	-219.20	0.00064		
98.99	-226.27	0.00054	91.92	-233.35	0.00045		
240.42	-98.99	0.00039	233.35	-106.07	0.00051		
226.27	-113.14	0.00067	219.20	-120.21	0.00090		
212.13	-127.28	0.00123	205.06	-134.35	0.00172		
197.99	-141.42	0.00245	190.92	-148.49	0.00356		
187.38	-152.03	0.00431	183.85	-155.56	0.00521		
181.73	-157.68	0.00581	180.31	-159.10	0.00623		
178.90	-160.51	0.00664	177.48	-161.93	0.00703		
176.07	-163.34	0.00736	163.34	-176.07	0.00482		
161.93	-177.48	0.00441	160.51	-178.90	0.00403		
159.10	-180.31	0.00370	157.68	-181.73	0.00341		
155.56	-183.85	0.00304	152.03	-187.38	0.00255		
148.49	-190.92	0.00216	141.42	-197.99	0.00160		
134.35	-205.06	0.00123	127.28	-212.13	0.00097		
120.21	-219.20	0.00079	113.14	-226.27	0.00065		
106.07	-233.35	0.00054	98.99	-240.42	0.00046		
247.49	-106.07	0.00043	240.42	-113.14	0.00056		
233.35	-120.21	0.00073	226.27	-127.28	0.00097		
219.20	-134.35	0.00131	212.13	-141.42	0.00180		
205.06	-148.49	0.00250	197.99	-155.56	0.00350		
194.45	-159.10	0.00412	190.92	-162.63	0.00480		
188.80	-164.76	0.00520	187.38	-166.17	0.00546		
185.97	-167.58	0.00569	184.55	-169.00	0.00588		
183.14	-170.41	0.00602	170.41	-183.14	0.00426		
169.00	-184.55	0.00397	167.58	-185.97	0.00369		
166.17	-187.38	0.00344	164.76	-188.80	0.00321		

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18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00290	159.10	-194.45	0.00246
155.56	-197.99	0.00211	148.49	-205.06	0.00158
141.42	-212.13	0.00122	134.35	-219.20	0.00097
127.28	-226.27	0.00078	120.21	-233.35	0.00065
113.14	-240.42	0.00054	106.07	-247.49	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00005	-113.14	240.42	0.00005
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00006	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00007
-159.10	194.45	0.00007	-162.63	190.92	0.00007
-164.76	188.80	0.00007	-166.17	187.38	0.00007
-167.58	185.97	0.00007	-169.00	184.55	0.00007
-170.41	183.14	0.00007	-183.14	170.41	0.00008
-184.55	169.00	0.00008	-185.97	167.58	0.00008
-187.38	166.17	0.00008	-188.80	164.76	0.00008
-190.92	162.63	0.00008	-194.45	159.10	0.00008
-197.99	155.56	0.00008	-205.06	148.49	0.00008
-212.13	141.42	0.00008	-219.20	134.35	0.00008
-226.27	127.28	0.00008	-233.35	120.21	0.00008
-240.42	113.14	0.00008	-247.49	106.07	0.00008
-98.99	240.42	0.00005	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00006
-127.28	212.13	0.00007	-134.35	205.06	0.00007
-141.42	197.99	0.00007	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00008
-177.48	161.93	0.00008	-178.90	160.51	0.00008
-180.31	159.10	0.00008	-181.73	157.68	0.00008
-183.85	155.56	0.00008	-187.38	152.03	0.00008
-190.92	148.49	0.00008	-197.99	141.42	0.00009
-205.06	134.35	0.00009	-212.13	127.28	0.00009
-219.20	120.21	0.00009	-226.27	113.14	0.00009
-233.35	106.07	0.00009	-240.42	98.99	0.00009
-91.92	233.35	0.00005	-98.99	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00007
-120.21	205.06	0.00007	-127.28	197.99	0.00007
-134.35	190.92	0.00008	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00008	-152.03	173.24	0.00008
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00009
-170.41	154.86	0.00009	-171.83	153.44	0.00009
-173.24	152.03	0.00009	-174.66	150.61	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00009	-180.31	144.96	0.00009
-183.85	141.42	0.00009	-190.92	134.35	0.00009
-197.99	127.28	0.00009	-205.06	120.21	0.00009
-212.13	113.14	0.00009	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-98.99	212.13	0.00007	-106.07	205.06	0.00007
-113.14	197.99	0.00007	-120.21	190.92	0.00008
-127.28	183.85	0.00008	-134.35	176.78	0.00008
-137.89	173.24	0.00009	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00009
-163.34	147.79	0.00009	-164.76	146.37	0.00009

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00009	-167.58	143.54	0.00009
-169.71	141.42	0.00009	-173.24	137.89	0.00009
-176.78	134.35	0.00010	-183.85	127.28	0.00010
-190.92	120.21	0.00010	-197.99	113.14	0.00010
-205.06	106.07	0.00010	-212.13	99.00	0.00010
-219.20	91.92	0.00010	-226.27	84.85	0.00010
-77.78	219.20	0.00006	-84.85	212.13	0.00006
-91.92	205.06	0.00007	-98.99	197.99	0.00007
-106.07	190.92	0.00008	-113.14	183.85	0.00008
-120.21	176.78	0.00009	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00010
-156.27	140.71	0.00010	-157.68	139.30	0.00010
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00010	-166.17	130.81	0.00010
-169.71	127.28	0.00010	-176.78	120.21	0.00010
-183.85	113.14	0.00011	-190.92	106.07	0.00011
-197.99	99.00	0.00011	-205.06	91.92	0.00011
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00006	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00008
-98.99	183.85	0.00008	-106.07	176.78	0.00009
-113.14	169.71	0.00009	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00010
-149.20	133.64	0.00010	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011
-155.56	127.28	0.00011	-159.10	123.74	0.00011
-162.63	120.21	0.00011	-169.71	113.14	0.00011
-176.78	106.07	0.00011	-183.85	98.99	0.00011

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00011	-197.99	84.85	0.00011
-205.06	77.78	0.00011	-212.13	70.71	0.00011
-63.64	205.06	0.00006	-70.71	197.99	0.00007
-77.78	190.92	0.00008	-84.85	183.85	0.00008
-91.92	176.78	0.00009	-98.99	169.71	0.00009
-106.07	162.63	0.00010	-113.14	155.56	0.00010
-116.67	152.03	0.00010	-120.21	148.49	0.00010
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00011
-142.13	126.57	0.00011	-143.54	125.16	0.00011
-144.96	123.74	0.00011	-146.37	122.33	0.00011
-148.49	120.21	0.00011	-152.03	116.67	0.00012
-155.56	113.14	0.00012	-162.63	106.07	0.00012
-169.71	98.99	0.00012	-176.78	91.92	0.00012
-183.85	84.85	0.00012	-190.92	77.78	0.00012
-197.99	70.71	0.00012	-205.06	63.64	0.00011
-56.57	197.99	0.00006	-63.64	190.92	0.00007
-70.71	183.85	0.00008	-77.78	176.78	0.00009
-84.85	169.71	0.00009	-91.92	162.63	0.00010
-98.99	155.56	0.00010	-106.07	148.49	0.00011
-109.60	144.96	0.00011	-113.14	141.42	0.00011
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00011	-119.50	135.06	0.00011
-120.92	133.64	0.00012	-133.64	120.92	0.00012
-135.06	119.50	0.00012	-136.47	118.09	0.00012
-137.89	116.67	0.00012	-139.30	115.26	0.00012
-141.42	113.14	0.00012	-144.96	109.60	0.00012
-148.49	106.07	0.00013	-155.56	98.99	0.00013
-162.63	91.92	0.00013	-169.71	84.85	0.00013
-176.78	77.78	0.00013	-183.85	70.71	0.00013
-190.92	63.64	0.00012	-197.99	56.57	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00007	-56.57	183.85	0.00007
-63.64	176.78	0.00008	-70.71	169.71	0.00009

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00010	-84.85	155.56	0.00010
-91.92	148.49	0.00011	-98.99	141.42	0.00012
-102.53	137.89	0.00012	-106.07	134.35	0.00012
-108.19	132.23	0.00012	-109.60	130.81	0.00012
-111.02	129.40	0.00012	-112.43	127.99	0.00012
-113.84	126.57	0.00012	-126.57	113.84	0.00013
-127.99	112.43	0.00013	-129.40	111.02	0.00013
-130.81	109.60	0.00013	-132.23	108.19	0.00013
-134.35	106.07	0.00013	-137.89	102.53	0.00013
-141.42	98.99	0.00014	-148.49	91.92	0.00014
-155.56	84.85	0.00014	-162.63	77.78	0.00014
-169.71	70.71	0.00014	-176.78	63.64	0.00013
-183.85	56.57	0.00013	-190.92	49.50	0.00012
-42.43	183.85	0.00007	-49.50	176.78	0.00008
-56.57	169.71	0.00009	-63.64	162.63	0.00009
-70.71	155.56	0.00010	-77.78	148.49	0.00011
-84.85	141.42	0.00012	-91.92	134.35	0.00012
-95.46	130.81	0.00013	-98.99	127.28	0.00013
-101.12	125.16	0.00013	-102.53	123.74	0.00013
-103.94	122.33	0.00013	-105.36	120.92	0.00013
-106.77	119.50	0.00013	-119.50	106.77	0.00014
-120.92	105.36	0.00014	-122.33	103.94	0.00014
-123.74	102.53	0.00014	-125.16	101.12	0.00014
-127.28	98.99	0.00014	-130.81	95.46	0.00014
-134.35	91.92	0.00015	-141.42	84.85	0.00015
-148.49	77.78	0.00015	-155.56	70.71	0.00015
-162.63	63.64	0.00015	-169.71	56.57	0.00014
-176.78	49.50	0.00014	-183.85	42.43	0.00013
-35.36	176.78	0.00007	-42.43	169.71	0.00008
-49.50	162.63	0.00009	-56.57	155.56	0.00010
-63.64	148.49	0.00011	-70.71	141.42	0.00012
-77.78	134.35	0.00013	-84.85	127.28	0.00013
-88.39	123.74	0.00014	-91.92	120.21	0.00014
-94.05	118.09	0.00014	-95.46	116.67	0.00014
-96.87	115.26	0.00014	-98.29	113.84	0.00014
-99.70	112.43	0.00014	-112.43	99.70	0.00015
-113.84	98.29	0.00015	-115.26	96.87	0.00015
-116.67	95.46	0.00015	-118.09	94.05	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

18NCRA PL93-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00015	-123.74	88.39	0.00016
-127.28	84.85	0.00016	-134.35	77.78	0.00016
-141.42	70.71	0.00016	-148.49	63.64	0.00016
-155.56	56.57	0.00016	-162.63	49.50	0.00015
-169.71	42.43	0.00015	-176.78	35.36	0.00014
-28.28	169.71	0.00007	-35.36	162.63	0.00008
-42.43	155.56	0.00009	-49.50	148.49	0.00010
-56.57	141.42	0.00012	-63.64	134.35	0.00013
-70.71	127.28	0.00014	-77.78	120.21	0.00014
-81.32	116.67	0.00015	-84.85	113.14	0.00015
-86.97	111.02	0.00015	-88.39	109.60	0.00015
-89.80	108.19	0.00015	-91.22	106.77	0.00016
-92.63	105.36	0.00016	-105.36	92.63	0.00016
-106.77	91.22	0.00016	-108.19	89.80	0.00016
-109.60	88.39	0.00017	-111.02	86.97	0.00017
-113.14	84.85	0.00017	-116.67	81.32	0.00017
-120.21	77.78	0.00017	-127.28	70.71	0.00018
-134.35	63.64	0.00018	-141.42	56.57	0.00017
-148.49	49.50	0.00017	-155.56	42.43	0.00016
-162.63	35.36	0.00016	-169.71	28.28	0.00015
-21.21	162.63	0.00007	-28.28	155.56	0.00008
-35.36	148.49	0.00010	-42.43	141.42	0.00011
-49.50	134.35	0.00012	-56.57	127.28	0.00013
-63.64	120.21	0.00015	-70.71	113.14	0.00016
-74.25	109.60	0.00016	-77.78	106.07	0.00016
-79.90	103.94	0.00017	-81.32	102.53	0.00017
-82.73	101.12	0.00017	-84.15	99.70	0.00017
-85.56	98.29	0.00017	-98.29	85.56	0.00018
-99.70	84.15	0.00018	-101.12	82.73	0.00018
-102.53	81.32	0.00018	-103.94	79.90	0.00018
-106.07	77.78	0.00018	-109.60	74.25	0.00019
-113.14	70.71	0.00019	-120.21	63.64	0.00019
-127.28	56.57	0.00019	-134.35	49.50	0.00019
-141.42	42.43	0.00018	-148.49	35.36	0.00017
-155.56	28.28	0.00017	-162.63	21.21	0.00016
-14.14	155.56	0.00008	-21.21	148.49	0.00009
-28.28	141.42	0.00010	-35.36	134.35	0.00011
-42.43	127.28	0.00013	-49.50	120.21	0.00014
-56.57	113.14	0.00016	-63.64	106.07	0.00017
-67.18	102.53	0.00017	-70.71	98.99	0.00018



1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00018	-74.25	95.46	0.00018
-75.66	94.05	0.00018	-77.07	92.63	0.00018
-78.49	91.22	0.00019	-91.22	78.49	0.00019
-92.63	77.07	0.00020	-94.05	75.66	0.00020
-95.46	74.25	0.00020	-96.87	72.83	0.00020
-98.99	70.71	0.00020	-102.53	67.18	0.00020
-106.07	63.64	0.00021	-113.14	56.57	0.00021
-120.21	49.50	0.00021	-127.28	42.43	0.00020
-134.35	35.36	0.00020	-141.42	28.28	0.00019
-148.49	21.21	0.00018	-155.56	14.14	0.00017
-7.07	148.49	0.00008	-14.14	141.42	0.00009
-21.21	134.35	0.00010	-28.28	127.28	0.00012
-35.36	120.21	0.00014	-42.43	113.14	0.00015
-49.50	106.07	0.00017	-56.57	98.99	0.00018
-60.10	95.46	0.00019	-63.64	91.92	0.00019
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00020	-70.00	85.56	0.00020
-71.42	84.15	0.00020	-84.15	71.42	0.00021
-85.56	70.00	0.00022	-86.97	68.59	0.00022
-88.39	67.18	0.00022	-89.80	65.76	0.00022
-91.92	63.64	0.00022	-95.46	60.10	0.00022
-98.99	56.57	0.00023	-106.07	49.50	0.00023
-113.14	42.43	0.00023	-120.21	35.36	0.00022
-127.28	28.28	0.00021	-134.35	21.21	0.00020
-141.42	14.14	0.00019	-148.49	7.07	0.00018
0.00	141.42	0.00008	-7.07	134.35	0.00009
-14.14	127.28	0.00011	-21.21	120.21	0.00012
-28.28	113.14	0.00014	-35.36	106.07	0.00016
-42.43	98.99	0.00018	-49.50	91.92	0.00020
-53.03	88.39	0.00021	-56.57	84.85	0.00021
-58.69	82.73	0.00022	-60.10	81.32	0.00022
-61.52	79.90	0.00022	-62.93	78.49	0.00022
-64.35	77.07	0.00022	-77.07	64.35	0.00024
-78.49	62.93	0.00024	-79.90	61.52	0.00024

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00024	-82.73	58.69	0.00024
-84.85	56.57	0.00025	-88.39	53.03	0.00025
-91.92	49.50	0.00025	-98.99	42.43	0.00025
-106.07	35.36	0.00025	-113.14	28.28	0.00024
-120.21	21.21	0.00023	-127.28	14.14	0.00022
-134.35	7.07	0.00020	-141.42	0.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00008	0.00	127.28	0.00010
-7.07	120.21	0.00011	-14.14	113.14	0.00013
-21.21	106.07	0.00015	-28.28	98.99	0.00018
-35.36	91.92	0.00020	-42.43	84.85	0.00022
-45.96	81.32	0.00023	-49.50	77.78	0.00024
-51.62	75.66	0.00024	-53.03	74.25	0.00024
-54.45	72.83	0.00024	-55.86	71.42	0.00025
-57.28	70.00	0.00025	-70.00	57.28	0.00026
-71.42	55.86	0.00027	-72.83	54.45	0.00027
-74.25	53.03	0.00027	-75.66	51.62	0.00027
-77.78	49.50	0.00027	-81.32	45.96	0.00028
-84.85	42.43	0.00028	-91.92	35.36	0.00028
-98.99	28.28	0.00027	-106.07	21.21	0.00026
-113.14	14.14	0.00025	-120.21	7.07	0.00023
-127.28	0.00	0.00022	-134.35	-7.07	0.00020
14.14	127.28	0.00009	7.07	120.21	0.00010
0.00	113.14	0.00012	-7.07	106.07	0.00014
-14.14	98.99	0.00016	-21.21	91.92	0.00019
-28.28	84.85	0.00022	-35.36	77.78	0.00024
-38.89	74.25	0.00025	-42.43	70.71	0.00026
-44.55	68.59	0.00027	-45.96	67.18	0.00027
-47.38	65.76	0.00027	-48.79	64.35	0.00027
-50.20	62.93	0.00028	-62.93	50.20	0.00029
-64.35	48.79	0.00030	-65.76	47.38	0.00030
-67.18	45.96	0.00030	-68.59	44.55	0.00030
-70.71	42.43	0.00031	-74.25	38.89	0.00031
-77.78	35.36	0.00031	-84.85	28.28	0.00031
-91.92	21.21	0.00030	-98.99	14.14	0.00029

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00027	-113.14	0.00	0.00025
-120.21	-7.07	0.00023	-127.28	-14.14	0.00022
21.21	120.21	0.00009	14.14	113.14	0.00010
7.07	106.07	0.00012	0.00	98.99	0.00014
-7.07	91.92	0.00017	-14.14	84.85	0.00020
-21.21	77.78	0.00023	-28.28	70.71	0.00026
-31.82	67.18	0.00028	-35.36	63.64	0.00029
-37.48	61.52	0.00030	-38.89	60.10	0.00030
-40.31	58.69	0.00030	-41.72	57.28	0.00031
-43.13	55.86	0.00031	-55.86	43.13	0.00033
-57.28	41.72	0.00033	-58.69	40.31	0.00034
-60.10	38.89	0.00034	-61.52	37.48	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 50

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00034	-67.18	31.82	0.00035
-70.71	28.28	0.00035	-77.78	21.21	0.00035
-84.85	14.14	0.00033	-91.92	7.07	0.00031
-98.99	0.00	0.00029	-106.07	-7.07	0.00027
-113.14	-14.14	0.00025	-120.21	-21.21	0.00023
28.28	113.14	0.00009	21.21	106.07	0.00011
14.14	98.99	0.00012	7.07	91.92	0.00015
0.00	84.85	0.00018	-7.07	77.78	0.00021
-14.14	70.71	0.00025	-21.21	63.64	0.00029
-24.75	60.10	0.00031	-28.28	56.57	0.00032
-30.41	54.45	0.00033	-31.82	53.03	0.00034
-33.23	51.62	0.00034	-34.65	50.20	0.00035
-36.06	48.79	0.00035	-48.79	36.06	0.00038
-50.20	34.65	0.00038	-51.62	33.23	0.00038
-53.03	31.82	0.00039	-54.45	30.41	0.00039
-56.57	28.28	0.00039	-60.10	24.75	0.00040
-63.64	21.21	0.00040	-70.71	14.14	0.00039
-77.78	7.07	0.00037	-84.85	0.00	0.00034
-91.92	-7.07	0.00032	-98.99	-14.14	0.00029
-106.07	-21.21	0.00027	-113.14	-28.28	0.00024
35.36	106.07	0.00009	28.28	98.99	0.00011
21.21	91.92	0.00013	14.14	84.85	0.00015

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00019	0.00	70.71	0.00023
-7.07	63.64	0.00027	-14.14	56.57	0.00032
-17.68	53.03	0.00035	-21.21	49.50	0.00037
-23.33	47.38	0.00038	-24.75	45.96	0.00038
-26.16	44.55	0.00039	-27.58	43.13	0.00039
-28.99	41.72	0.00040	-41.72	28.99	0.00043
-43.13	27.58	0.00044	-44.55	26.16	0.00044
-45.96	24.75	0.00044	-47.38	23.33	0.00045
-49.50	21.21	0.00045	-53.03	17.68	0.00045
-56.57	14.14	0.00045	-63.64	7.07	0.00043
-70.71	0.00	0.00041	-77.78	-7.07	0.00038
-84.85	-14.14	0.00035	-91.92	-21.21	0.00032
-98.99	-28.28	0.00029	-106.07	-35.36	0.00026
42.43	98.99	0.00010	35.36	91.92	0.00011
28.28	84.85	0.00013	21.21	77.78	0.00016
14.14	70.71	0.00019	7.07	63.64	0.00024
0.00	56.57	0.00030	-7.07	49.50	0.00036
-10.61	45.96	0.00039	-14.14	42.43	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 51

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00043	-17.68	38.89	0.00044
-19.09	37.48	0.00044	-20.51	36.06	0.00045
-21.92	34.65	0.00046	-34.65	21.92	0.00050
-36.06	20.51	0.00050	-37.48	19.09	0.00051
-38.89	17.68	0.00051	-40.31	16.26	0.00052
-42.43	14.14	0.00052	-45.96	10.61	0.00052
-49.50	7.07	0.00052	-56.57	0.00	0.00049
-63.64	-7.07	0.00045	-70.71	-14.14	0.00042
-77.78	-21.21	0.00038	-84.85	-28.28	0.00034
-91.92	-35.36	0.00030	-98.99	-42.43	0.00027
49.50	91.92	0.00010	42.43	84.85	0.00012
35.36	77.78	0.00014	28.28	70.71	0.00017
21.21	63.64	0.00020	14.14	56.57	0.00025
7.07	49.50	0.00032	0.00	42.43	0.00040
-3.54	38.89	0.00044	-7.07	35.36	0.00047
-9.19	33.23	0.00049	-10.61	31.82	0.00050

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00051	-13.44	28.99	0.00052
-14.85	27.58	0.00053	-27.58	14.85	0.00058
-28.99	13.44	0.00059	-30.41	12.02	0.00059
-31.82	10.61	0.00060	-33.23	9.19	0.00060
-35.36	7.07	0.00061	-38.89	3.54	0.00060
-42.43	0.00	0.00059	-49.50	-7.07	0.00055
-56.57	-14.14	0.00051	-63.64	-21.21	0.00046
-70.71	-28.28	0.00041	-77.78	-35.36	0.00036
-84.85	-42.43	0.00032	-91.92	-49.50	0.00028
56.57	84.85	0.00010	49.50	77.78	0.00012
42.43	70.71	0.00014	35.36	63.64	0.00017
28.28	56.57	0.00021	21.21	49.50	0.00027
14.14	42.43	0.00034	7.07	35.36	0.00044
3.54	31.82	0.00049	0.00	28.28	0.00054
-2.12	26.16	0.00057	-3.54	24.75	0.00058
-4.95	23.33	0.00060	-6.36	21.92	0.00061
-7.78	20.51	0.00062	-20.51	7.78	0.00069
-21.92	6.36	0.00070	-23.33	4.95	0.00071
-24.75	3.54	0.00071	-26.16	2.12	0.00071
-28.28	0.00	0.00071	-31.82	-3.54	0.00070
-35.36	-7.07	0.00068	-42.43	-14.14	0.00063
-49.50	-21.21	0.00056	-56.57	-28.28	0.00050
-63.64	-35.36	0.00044	-70.71	-42.43	0.00038
-77.78	-49.50	0.00033	-84.85	-56.57	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00011	56.57	70.71	0.00013
49.50	63.64	0.00015	42.43	56.57	0.00018
35.36	49.50	0.00022	28.28	42.43	0.00028
21.21	35.36	0.00037	14.14	28.28	0.00048
10.61	24.75	0.00055	7.07	21.21	0.00062
4.95	19.09	0.00066	3.54	17.68	0.00068
2.12	16.26	0.00070	0.71	14.85	0.00072
-0.71	13.44	0.00074	-13.44	0.71	0.00083
-14.85	-0.71	0.00084	-16.26	-2.12	0.00085
-17.68	-3.54	0.00085	-19.09	-4.95	0.00085

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00084	-24.75	-10.61	0.00082
-28.28	-14.14	0.00079	-35.36	-21.21	0.00071
-42.43	-28.28	0.00062	-49.50	-35.36	0.00054
-56.57	-42.43	0.00046	-63.64	-49.50	0.00039
-70.71	-56.57	0.00033	-77.78	-63.64	0.00028
70.71	70.71	0.00012	63.64	63.64	0.00013
56.57	56.57	0.00016	49.50	49.50	0.00019
42.43	42.43	0.00023	35.36	35.36	0.00030
28.28	28.28	0.00039	21.21	21.21	0.00052
17.68	17.68	0.00061	14.14	14.14	0.00070
12.02	12.02	0.00076	10.61	10.61	0.00080
9.19	9.19	0.00083	7.78	7.78	0.00086
6.36	6.36	0.00089	-6.36	-6.36	0.00102
-7.78	-7.78	0.00103	-9.19	-9.19	0.00103
-10.61	-10.61	0.00103	-12.02	-12.02	0.00102
-14.14	-14.14	0.00101	-17.68	-17.68	0.00096
-21.21	-21.21	0.00091	-28.28	-28.28	0.00080
-35.36	-35.36	0.00068	-42.43	-42.43	0.00057
-49.50	-49.50	0.00048	-56.57	-56.57	0.00040
-63.64	-63.64	0.00033	-70.71	-70.71	0.00028
77.78	63.64	0.00012	70.71	56.57	0.00014
63.64	49.50	0.00017	56.57	42.43	0.00020
49.50	35.36	0.00024	42.43	28.28	0.00031
35.36	21.21	0.00041	28.28	14.14	0.00057
24.75	10.61	0.00067	21.21	7.07	0.00079
19.09	4.95	0.00087	17.68	3.54	0.00093
16.26	2.12	0.00098	14.85	0.71	0.00103
13.44	-0.71	0.00108	0.71	-13.44	0.00127
-0.71	-14.85	0.00127	-2.12	-16.26	0.00126
-3.54	-17.68	0.00125	-4.95	-19.09	0.00123

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00120	-10.61	-24.75	0.00113
-14.14	-28.28	0.00105	-21.21	-35.36	0.00088
-28.28	-42.43	0.00072	-35.36	-49.50	0.00059
-42.43	-56.57	0.00049	-49.50	-63.64	0.00040

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00034	-63.64	-77.78	0.00028
84.85	56.57	0.00013	77.78	49.50	0.00015
70.71	42.43	0.00018	63.64	35.36	0.00021
56.57	28.28	0.00026	49.50	21.21	0.00033
42.43	14.14	0.00044	35.36	7.07	0.00061
31.82	3.54	0.00073	28.28	0.00	0.00088
26.16	-2.12	0.00099	24.75	-3.54	0.00107
23.33	-4.95	0.00115	21.92	-6.36	0.00123
20.51	-7.78	0.00131	7.78	-20.51	0.00159
6.36	-21.92	0.00157	4.95	-23.33	0.00155
3.54	-24.75	0.00152	2.12	-26.16	0.00148
0.00	-28.28	0.00142	-3.54	-31.82	0.00130
-7.07	-35.36	0.00117	-14.14	-42.43	0.00094
-21.21	-49.50	0.00075	-28.28	-56.57	0.00061
-35.36	-63.64	0.00049	-42.43	-70.71	0.00041
-49.50	-77.78	0.00034	-56.57	-84.85	0.00028
91.92	49.50	0.00014	84.85	42.43	0.00016
77.78	35.36	0.00019	70.71	28.28	0.00023
63.64	21.21	0.00028	56.57	14.14	0.00036
49.50	7.07	0.00047	42.43	0.00	0.00065
38.89	-3.54	0.00079	35.36	-7.07	0.00096
33.23	-9.19	0.00110	31.82	-10.61	0.00120
30.41	-12.02	0.00131	28.99	-13.44	0.00144
27.58	-14.85	0.00156	14.85	-27.58	0.00199
13.44	-28.99	0.00194	12.02	-30.41	0.00187
10.61	-31.82	0.00180	9.19	-33.23	0.00172
7.07	-35.36	0.00160	3.54	-38.89	0.00141
0.00	-42.43	0.00124	-7.07	-49.50	0.00097
-14.14	-56.57	0.00077	-21.21	-63.64	0.00062
-28.28	-70.71	0.00050	-35.36	-77.78	0.00041
-42.43	-84.85	0.00034	-49.50	-91.92	0.00028
98.99	42.43	0.00015	91.92	35.36	0.00017
84.85	28.28	0.00021	77.78	21.21	0.00025
70.71	14.14	0.00031	63.64	7.07	0.00039
56.57	0.00	0.00051	49.50	-7.07	0.00072
45.96	-10.61	0.00087	42.43	-14.14	0.00107

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00122	38.89	-17.68	0.00133
37.48	-19.09	0.00147	36.06	-20.51	0.00162
34.65	-21.92	0.00180	21.92	-34.65	0.00236
20.51	-36.06	0.00222	19.09	-37.48	0.00208
17.68	-38.89	0.00196	16.26	-40.31	0.00185
14.14	-42.43	0.00169	10.61	-45.96	0.00147
7.07	-49.50	0.00128	0.00	-56.57	0.00099
-7.07	-63.64	0.00078	-14.14	-70.71	0.00062
-21.21	-77.78	0.00050	-28.28	-84.85	0.00040
-35.36	-91.92	0.00033	-42.43	-98.99	0.00028
106.07	35.36	0.00016	98.99	28.28	0.00019
91.92	21.21	0.00022	84.85	14.14	0.00027
77.78	7.07	0.00033	70.71	0.00	0.00042
63.64	-7.07	0.00056	56.57	-14.14	0.00079
53.03	-17.68	0.00097	49.50	-21.21	0.00120
47.38	-23.33	0.00138	45.96	-24.75	0.00152
44.55	-26.16	0.00169	43.13	-27.58	0.00190
41.72	-28.99	0.00217	28.99	-41.72	0.00264
27.58	-43.13	0.00242	26.16	-44.55	0.00225
24.75	-45.96	0.00210	23.33	-47.38	0.00196
21.21	-49.50	0.00178	17.68	-53.03	0.00153
14.14	-56.57	0.00133	7.07	-63.64	0.00102
0.00	-70.71	0.00079	-7.07	-77.78	0.00062
-14.14	-84.85	0.00050	-21.21	-91.92	0.00041
-28.28	-98.99	0.00034	-35.36	-106.07	0.00028
113.14	28.28	0.00017	106.07	21.21	0.00020
98.99	14.14	0.00024	91.92	7.07	0.00029
84.85	0.00	0.00036	77.78	-7.07	0.00047
70.71	-14.14	0.00063	63.64	-21.21	0.00092
60.10	-24.75	0.00115	56.57	-28.28	0.00150
54.45	-30.41	0.00181	53.03	-31.82	0.00207
51.62	-33.23	0.00241	50.20	-34.65	0.00286
48.79	-36.06	0.00346	36.06	-48.79	0.00317
34.65	-50.20	0.00281	33.23	-51.62	0.00255
31.82	-53.03	0.00234	30.41	-54.45	0.00216
28.28	-56.57	0.00194	24.75	-60.10	0.00164
21.21	-63.64	0.00141	14.14	-70.71	0.00107
7.07	-77.78	0.00083	0.00	-84.85	0.00065
-7.07	-91.92	0.00052	-14.14	-98.99	0.00042
-21.21	-106.07	0.00035	-28.28	-113.14	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*



15:29:43  
 \*\*MODELOPTS:  
 PAGE 55  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00018	113.14	14.14	0.00021	
106.07	7.07	0.00026	98.99	0.00	0.00032	
91.92	-7.07	0.00041	84.85	-14.14	0.00054	
77.78	-21.21	0.00075	70.71	-28.28	0.00116	
67.18	-31.82	0.00152	63.64	-35.36	0.00209	
61.52	-37.48	0.00259	60.10	-38.89	0.00301	
58.69	-40.31	0.00353	57.28	-41.72	0.00415	
55.86	-43.13	0.00494	43.13	-55.86	0.00383	
41.72	-57.28	0.00333	40.31	-58.69	0.00295	
38.89	-60.10	0.00266	37.48	-61.52	0.00242	
35.36	-63.64	0.00214	31.82	-67.18	0.00178	
28.28	-70.71	0.00151	21.21	-77.78	0.00113	
14.14	-84.85	0.00086	7.07	-91.92	0.00068	
0.00	-98.99	0.00054	-7.07	-106.07	0.00044	
-14.14	-113.14	0.00037	-21.21	-120.21	0.00031	
127.28	14.14	0.00019	120.21	7.07	0.00023	
113.14	0.00	0.00029	106.07	-7.07	0.00036	
98.99	-14.14	0.00047	91.92	-21.21	0.00063	
84.85	-28.28	0.00093	77.78	-35.36	0.00152	
74.25	-38.89	0.00203	70.71	-42.43	0.00279	
68.59	-44.55	0.00343	67.18	-45.96	0.00394	
65.76	-47.38	0.00456	64.35	-48.79	0.00528	
62.93	-50.20	0.00614	50.20	-62.93	0.00444	
48.79	-64.35	0.00385	47.38	-65.76	0.00339	
45.96	-67.18	0.00302	44.55	-68.59	0.00272	
42.43	-70.71	0.00236	38.89	-74.25	0.00193	
35.36	-77.78	0.00162	28.28	-84.85	0.00118	
21.21	-91.92	0.00090	14.14	-98.99	0.00071	
7.07	-106.07	0.00057	0.00	-113.14	0.00047	
-7.07	-120.21	0.00039	-14.14	-127.28	0.00033	
134.35	7.07	0.00021	127.28	0.00	0.00026	
120.21	-7.07	0.00032	113.14	-14.14	0.00041	
106.07	-21.21	0.00055	98.99	-28.28	0.00077	
91.92	-35.36	0.00117	84.85	-42.43	0.00193	
81.32	-45.96	0.00256	77.78	-49.50	0.00345	
75.66	-51.62	0.00416	74.25	-53.03	0.00473	

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00539	71.42	-55.86	0.00615
70.00	-57.28	0.00705	57.28	-70.00	0.00493
55.86	-71.42	0.00427	54.45	-72.83	0.00375
53.03	-74.25	0.00333	51.62	-75.66	0.00299

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00258	45.96	-81.32	0.00207
42.43	-84.85	0.00171	35.36	-91.92	0.00124
28.28	-98.99	0.00094	21.21	-106.07	0.00074
14.14	-113.14	0.00060	7.07	-120.21	0.00050
0.00	-127.28	0.00042	-7.07	-134.35	0.00036
141.42	0.00	0.00023	134.35	-7.07	0.00029
127.28	-14.14	0.00036	120.21	-21.21	0.00047
113.14	-28.28	0.00065	106.07	-35.36	0.00094
98.99	-42.43	0.00144	91.92	-49.50	0.00234
88.39	-53.03	0.00304	84.85	-56.57	0.00401
82.73	-58.69	0.00476	81.32	-60.10	0.00534
79.90	-61.52	0.00602	78.49	-62.93	0.00678
77.07	-64.35	0.00768	64.35	-77.07	0.00525
62.93	-78.49	0.00455	61.52	-79.90	0.00400
60.10	-81.32	0.00355	58.69	-82.73	0.00318
56.57	-84.85	0.00273	53.03	-88.39	0.00218
49.50	-91.92	0.00179	42.43	-98.99	0.00130
35.36	-106.07	0.00100	28.28	-113.14	0.00079
21.21	-120.21	0.00064	14.14	-127.28	0.00053
7.07	-134.35	0.00044	0.00	-141.42	0.00038
148.49	-7.07	0.00026	141.42	-14.14	0.00032
134.35	-21.21	0.00041	127.28	-28.28	0.00055
120.21	-35.36	0.00076	113.14	-42.43	0.00111
106.07	-49.50	0.00170	98.99	-56.57	0.00270
95.46	-60.10	0.00346	91.92	-63.64	0.00447
89.80	-65.76	0.00523	88.39	-67.18	0.00582
86.97	-68.59	0.00647	85.56	-70.00	0.00722
84.15	-71.42	0.00809	71.42	-84.15	0.00539
70.00	-85.56	0.00467	68.59	-86.97	0.00411
67.18	-88.39	0.00366	65.76	-89.80	0.00328

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00283	60.10	-95.46	0.00227
56.57	-98.99	0.00188	49.50	-106.07	0.00137
42.43	-113.14	0.00106	35.36	-120.21	0.00084
28.28	-127.28	0.00068	21.21	-134.35	0.00056
14.14	-141.42	0.00047	7.07	-148.49	0.00039
155.56	-14.14	0.00028	148.49	-21.21	0.00036
141.42	-28.28	0.00047	134.35	-35.36	0.00063
127.28	-42.43	0.00089	120.21	-49.50	0.00129
113.14	-56.57	0.00194	106.07	-63.64	0.00302
102.53	-67.18	0.00381	98.99	-70.71	0.00484

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00560	95.46	-74.25	0.00617
94.05	-75.66	0.00680	92.63	-77.07	0.00751
91.22	-78.49	0.00834	78.49	-91.22	0.00537
77.07	-92.63	0.00466	75.66	-94.05	0.00412
74.25	-95.46	0.00369	72.83	-96.87	0.00333
70.71	-98.99	0.00290	67.18	-102.53	0.00237
63.64	-106.07	0.00199	56.57	-113.14	0.00146
49.50	-120.21	0.00113	42.43	-127.28	0.00089
35.36	-134.35	0.00072	28.28	-141.42	0.00059
21.21	-148.49	0.00049	14.14	-155.56	0.00041
162.63	-21.21	0.00031	155.56	-28.28	0.00040
148.49	-35.36	0.00053	141.42	-42.43	0.00072
134.35	-49.50	0.00101	127.28	-56.57	0.00145
120.21	-63.64	0.00215	113.14	-70.71	0.00327
109.60	-74.25	0.00408	106.07	-77.78	0.00511
103.94	-79.90	0.00586	102.53	-81.32	0.00642
101.12	-82.73	0.00704	99.70	-84.15	0.00773
98.29	-85.56	0.00850	85.56	-98.29	0.00529
84.15	-99.70	0.00465	82.73	-101.12	0.00416
81.32	-102.53	0.00376	79.90	-103.94	0.00343
77.78	-106.07	0.00302	74.25	-109.60	0.00249
70.71	-113.14	0.00209	63.64	-120.21	0.00154
56.57	-127.28	0.00118	49.50	-134.35	0.00094
42.43	-141.42	0.00076	35.36	-148.49	0.00062

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00052	21.21	-162.63	0.00044
169.71	-28.28	0.00035	162.63	-35.36	0.00045
155.56	-42.43	0.00060	148.49	-49.50	0.00081
141.42	-56.57	0.00113	134.35	-63.64	0.00160
127.28	-70.71	0.00232	120.21	-77.78	0.00346
116.67	-81.32	0.00426	113.14	-84.85	0.00527
111.02	-86.97	0.00600	109.60	-88.39	0.00654
108.19	-89.80	0.00712	106.77	-91.22	0.00776
105.36	-92.63	0.00844	92.63	-105.36	0.00523
91.22	-106.77	0.00466	89.80	-108.19	0.00419
88.39	-109.60	0.00381	86.97	-111.02	0.00349
84.85	-113.14	0.00309	81.32	-116.67	0.00256
77.78	-120.21	0.00216	70.71	-127.28	0.00160
63.64	-134.35	0.00123	56.57	-141.42	0.00097
49.50	-148.49	0.00078	42.43	-155.56	0.00064
35.36	-162.63	0.00054	28.28	-169.71	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00039	169.71	-42.43	0.00051
162.63	-49.50	0.00067	155.56	-56.57	0.00090
148.49	-63.64	0.00123	141.42	-70.71	0.00172
134.35	-77.78	0.00245	127.28	-84.85	0.00356
123.74	-88.39	0.00431	120.21	-91.92	0.00521
118.09	-94.05	0.00581	116.67	-95.46	0.00623
115.26	-96.87	0.00664	113.84	-98.29	0.00703
112.43	-99.70	0.00736	99.70	-112.43	0.00482
98.29	-113.84	0.00441	96.87	-115.26	0.00403
95.46	-116.67	0.00370	94.05	-118.09	0.00341
91.92	-120.21	0.00304	88.39	-123.74	0.00255
84.85	-127.28	0.00216	77.78	-134.35	0.00160
70.71	-141.42	0.00123	63.64	-148.49	0.00097
56.57	-155.56	0.00079	49.50	-162.63	0.00065
42.43	-169.71	0.00054	35.36	-176.78	0.00046
183.85	-42.43	0.00043	176.78	-49.50	0.00056
169.71	-56.57	0.00073	162.63	-63.64	0.00097
155.56	-70.71	0.00131	148.49	-77.78	0.00180

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00250	134.35	-91.92	0.00350
130.81	-95.46	0.00412	127.28	-98.99	0.00480
125.16	-101.12	0.00520	123.74	-102.53	0.00546
122.33	-103.94	0.00569	120.92	-105.36	0.00588
119.50	-106.77	0.00602	106.77	-119.50	0.00426
105.36	-120.92	0.00397	103.94	-122.33	0.00369
102.53	-123.74	0.00344	101.12	-125.16	0.00321
98.99	-127.28	0.00290	95.46	-130.81	0.00246
91.92	-134.35	0.00211	84.85	-141.42	0.00158
77.78	-148.49	0.00122	70.71	-155.56	0.00097
63.64	-162.63	0.00078	56.57	-169.71	0.00065
49.50	-176.78	0.00054	42.43	-183.85	0.00046
190.92	-49.50	0.00047	183.85	-56.57	0.00060
176.78	-63.64	0.00078	169.71	-70.71	0.00103
162.63	-77.78	0.00137	155.56	-84.85	0.00183
148.49	-91.92	0.00247	141.42	-98.99	0.00330
137.89	-102.53	0.00376	134.35	-106.07	0.00422
132.23	-108.19	0.00448	130.81	-109.60	0.00463
129.40	-111.02	0.00475	127.99	-112.43	0.00485
126.57	-113.84	0.00490	113.84	-126.57	0.00366
112.43	-127.99	0.00346	111.02	-129.40	0.00327
109.60	-130.81	0.00309	108.19	-132.23	0.00292

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00267	102.53	-137.89	0.00231
98.99	-141.42	0.00201	91.92	-148.49	0.00153
84.85	-155.56	0.00120	77.78	-162.63	0.00095
70.71	-169.71	0.00077	63.64	-176.78	0.00064
56.57	-183.85	0.00054	49.50	-190.92	0.00046
197.99	-56.57	0.00051	190.92	-63.64	0.00064
183.85	-70.71	0.00083	176.78	-77.78	0.00107
169.71	-84.85	0.00139	162.63	-91.92	0.00182
155.56	-98.99	0.00236	148.49	-106.07	0.00300
144.96	-109.60	0.00334	141.42	-113.14	0.00365
139.30	-115.26	0.00381	137.89	-116.67	0.00390
136.47	-118.09	0.00396	135.06	-119.50	0.00400

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00402	120.92	-133.64	0.00313
119.50	-135.06	0.00299	118.09	-136.47	0.00285
116.67	-137.89	0.00272	115.26	-139.30	0.00259
113.14	-141.42	0.00241	109.60	-144.96	0.00213
106.07	-148.49	0.00188	98.99	-155.56	0.00146
91.92	-162.63	0.00116	84.85	-169.71	0.00093
77.78	-176.78	0.00076	70.71	-183.85	0.00063
63.64	-190.92	0.00053	56.57	-197.99	0.00045
205.06	-63.64	0.00054	197.99	-70.71	0.00068
190.92	-77.78	0.00085	183.85	-84.85	0.00109
176.78	-91.92	0.00138	169.71	-98.99	0.00175
162.63	-106.07	0.00220	155.56	-113.14	0.00269
152.03	-116.67	0.00294	148.49	-120.21	0.00314
146.37	-122.33	0.00324	144.96	-123.74	0.00329
143.54	-125.16	0.00332	142.13	-126.57	0.00334
140.71	-127.99	0.00333	127.99	-140.71	0.00268
126.57	-142.13	0.00257	125.16	-143.54	0.00247
123.74	-144.96	0.00237	122.33	-146.37	0.00228
120.21	-148.49	0.00215	116.67	-152.03	0.00193
113.14	-155.56	0.00173	106.07	-162.63	0.00138
98.99	-169.71	0.00111	91.92	-176.78	0.00090
84.85	-183.85	0.00074	77.78	-190.92	0.00062
70.71	-197.99	0.00053	63.64	-205.06	0.00045
212.13	-70.71	0.00056	205.06	-77.78	0.00070
197.99	-84.85	0.00087	190.92	-91.92	0.00108
183.85	-98.99	0.00135	176.78	-106.07	0.00166
169.71	-113.14	0.00202	162.63	-120.21	0.00240
159.10	-123.74	0.00257	155.56	-127.28	0.00271

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00277	152.03	-130.81	0.00279
150.61	-132.23	0.00281	149.20	-133.64	0.00281
147.79	-135.06	0.00280	135.06	-147.79	0.00230
133.64	-149.20	0.00223	132.23	-150.61	0.00215
130.81	-152.03	0.00207	129.40	-153.44	0.00200
127.28	-155.56	0.00190	123.74	-159.10	0.00173

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00158	113.14	-169.71	0.00129
106.07	-176.78	0.00105	98.99	-183.85	0.00086
91.92	-190.92	0.00072	84.85	-197.99	0.00061
77.78	-205.06	0.00052	70.71	-212.13	0.00044
219.20	-77.78	0.00058	212.13	-84.85	0.00071
205.06	-91.92	0.00087	197.99	-98.99	0.00106
190.92	-106.07	0.00129	183.85	-113.14	0.00156
176.78	-120.21	0.00185	169.71	-127.28	0.00213
166.17	-130.81	0.00225	162.63	-134.35	0.00234
160.51	-136.47	0.00238	159.10	-137.89	0.00239
157.68	-139.30	0.00240	156.27	-140.71	0.00239
154.86	-142.13	0.00238	142.13	-154.86	0.00199
140.71	-156.27	0.00194	139.30	-157.68	0.00188
137.89	-159.10	0.00182	136.47	-160.51	0.00176
134.35	-162.63	0.00168	130.81	-166.17	0.00155
127.28	-169.71	0.00143	120.21	-176.78	0.00120
113.14	-183.85	0.00100	106.07	-190.92	0.00083
98.99	-197.99	0.00069	91.92	-205.06	0.00059
84.85	-212.13	0.00050	77.78	-219.20	0.00043
226.27	-84.85	0.00059	219.20	-91.92	0.00071
212.13	-98.99	0.00086	205.06	-106.07	0.00103
197.99	-113.14	0.00123	190.92	-120.21	0.00145
183.85	-127.28	0.00168	176.78	-134.35	0.00190
173.24	-137.89	0.00198	169.71	-141.42	0.00204
167.58	-143.54	0.00206	166.17	-144.96	0.00206
164.76	-146.37	0.00206	163.34	-147.79	0.00206
161.93	-149.20	0.00205	149.20	-161.93	0.00174
147.79	-163.34	0.00170	146.37	-164.76	0.00165
144.96	-166.17	0.00161	143.54	-167.58	0.00156
141.42	-169.71	0.00149	137.89	-173.24	0.00139
134.35	-176.78	0.00129	127.28	-183.85	0.00111
120.21	-190.92	0.00094	113.14	-197.99	0.00079
106.07	-205.06	0.00066	98.99	-212.13	0.00056
91.92	-219.20	0.00049	84.85	-226.27	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00059	226.27	-98.99	0.00071
219.20	-106.07	0.00084	212.13	-113.14	0.00099
205.06	-120.21	0.00116	197.99	-127.28	0.00134
190.92	-134.35	0.00153	183.85	-141.42	0.00169
180.31	-144.96	0.00175	176.78	-148.49	0.00179
174.66	-150.61	0.00180	173.24	-152.03	0.00180
171.83	-153.44	0.00180	170.41	-154.86	0.00179
169.00	-156.27	0.00178	156.27	-169.00	0.00153
154.86	-170.41	0.00150	153.44	-171.83	0.00146
152.03	-173.24	0.00142	150.61	-174.66	0.00139
148.49	-176.78	0.00133	144.96	-180.31	0.00125
141.42	-183.85	0.00117	134.35	-190.92	0.00102
127.28	-197.99	0.00088	120.21	-205.06	0.00075
113.14	-212.13	0.00064	106.07	-219.20	0.00054
98.99	-226.27	0.00047	91.92	-233.35	0.00041
240.42	-98.99	0.00059	233.35	-106.07	0.00069
226.27	-113.14	0.00081	219.20	-120.21	0.00094
212.13	-127.28	0.00108	205.06	-134.35	0.00124
197.99	-141.42	0.00139	190.92	-148.49	0.00151
187.38	-152.03	0.00155	183.85	-155.56	0.00158
181.73	-157.68	0.00158	180.31	-159.10	0.00158
178.90	-160.51	0.00158	177.48	-161.93	0.00157
176.07	-163.34	0.00156	163.34	-176.07	0.00136
161.93	-177.48	0.00133	160.51	-178.90	0.00130
159.10	-180.31	0.00127	157.68	-181.73	0.00124
155.56	-183.85	0.00120	152.03	-187.38	0.00113
148.49	-190.92	0.00106	141.42	-197.99	0.00094
134.35	-205.06	0.00082	127.28	-212.13	0.00071
120.21	-219.20	0.00061	113.14	-226.27	0.00052
106.07	-233.35	0.00045	98.99	-240.42	0.00040
247.49	-106.07	0.00058	240.42	-113.14	0.00067
233.35	-120.21	0.00077	226.27	-127.28	0.00089
219.20	-134.35	0.00102	212.13	-141.42	0.00115
205.06	-148.49	0.00126	197.99	-155.56	0.00136
194.45	-159.10	0.00138	190.92	-162.63	0.00140
188.80	-164.76	0.00140	187.38	-166.17	0.00140
185.97	-167.58	0.00139	184.55	-169.00	0.00139
183.14	-170.41	0.00138	170.41	-183.14	0.00121
169.00	-184.55	0.00119	167.58	-185.97	0.00116
166.17	-187.38	0.00114	164.76	-188.80	0.00112

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00108	159.10	-194.45	0.00102	
155.56	-197.99	0.00096	148.49	-205.06	0.00086	
141.42	-212.13	0.00076	134.35	-219.20	0.00067	
127.28	-226.27	0.00058	120.21	-233.35	0.00050	
113.14	-240.42	0.00044	106.07	-247.49	0.00039	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00007	-113.14	240.42	0.00008	
-120.21	233.35	0.00009	-127.28	226.27	0.00009	
-134.35	219.20	0.00010	-141.42	212.13	0.00011	
-148.49	205.06	0.00012	-155.56	197.99	0.00012	
-159.10	194.45	0.00013	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00013	-169.00	184.55	0.00013	
-170.41	183.14	0.00013	-183.14	170.41	0.00014	
-184.55	169.00	0.00014	-185.97	167.58	0.00014	
-187.38	166.17	0.00014	-188.80	164.76	0.00014	
-190.92	162.63	0.00014	-194.45	159.10	0.00014	
-197.99	155.56	0.00015	-205.06	148.49	0.00015	
-212.13	141.42	0.00015	-219.20	134.35	0.00015	
-226.27	127.28	0.00015	-233.35	120.21	0.00014	
-240.42	113.14	0.00014	-247.49	106.07	0.00013	
-98.99	240.42	0.00007	-106.07	233.35	0.00008	
-113.14	226.27	0.00009	-120.21	219.20	0.00010	
-127.28	212.13	0.00011	-134.35	205.06	0.00012	
-141.42	197.99	0.00013	-148.49	190.92	0.00013	
-152.03	187.38	0.00014	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00014	-161.93	177.48	0.00014	
-163.34	176.07	0.00014	-176.07	163.34	0.00015	

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00015	-178.90	160.51	0.00015
-180.31	159.10	0.00015	-181.73	157.68	0.00015
-183.85	155.56	0.00015	-187.38	152.03	0.00016
-190.92	148.49	0.00016	-197.99	141.42	0.00016
-205.06	134.35	0.00016	-212.13	127.28	0.00016
-219.20	120.21	0.00016	-226.27	113.14	0.00015
-233.35	106.07	0.00015	-240.42	98.99	0.00014
-91.92	233.35	0.00007	-98.99	226.27	0.00008
-106.07	219.20	0.00009	-113.14	212.13	0.00010
-120.21	205.06	0.00012	-127.28	197.99	0.00013
-134.35	190.92	0.00014	-141.42	183.85	0.00014
-144.96	180.31	0.00015	-148.49	176.78	0.00015
-150.61	174.66	0.00015	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00016
-170.41	154.86	0.00016	-171.83	153.44	0.00016
-173.24	152.03	0.00017	-174.66	150.61	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00017	-180.31	144.96	0.00017
-183.85	141.42	0.00017	-190.92	134.35	0.00018
-197.99	127.28	0.00018	-205.06	120.21	0.00017
-212.13	113.14	0.00017	-219.20	106.07	0.00016
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00007	-91.92	219.20	0.00008
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00012	-120.21	190.92	0.00013
-127.28	183.85	0.00015	-134.35	176.78	0.00016
-137.89	173.24	0.00016	-141.42	169.71	0.00016
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00017	-161.93	149.20	0.00018
-163.34	147.79	0.00018	-164.76	146.37	0.00018
-166.17	144.96	0.00018	-167.58	143.54	0.00018
-169.71	141.42	0.00018	-173.24	137.89	0.00019
-176.78	134.35	0.00019	-183.85	127.28	0.00019



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00011	-84.85	183.85	0.00012
-91.92	176.78	0.00014	-98.99	169.71	0.00016
-106.07	162.63	0.00018	-113.14	155.56	0.00020
-116.67	152.03	0.00021	-120.21	148.49	0.00021
-122.33	146.37	0.00022	-123.74	144.96	0.00022
-125.16	143.54	0.00022	-126.57	142.13	0.00022
-127.99	140.71	0.00022	-140.71	127.99	0.00024
-142.13	126.57	0.00024	-143.54	125.16	0.00024
-144.96	123.74	0.00024	-146.37	122.33	0.00024
-148.49	120.21	0.00025	-152.03	116.67	0.00025
-155.56	113.14	0.00025	-162.63	106.07	0.00025
-169.71	98.99	0.00025	-176.78	91.92	0.00024
-183.85	84.85	0.00023	-190.92	77.78	0.00022
-197.99	70.71	0.00020	-205.06	63.64	0.00019
-56.57	197.99	0.00008	-63.64	190.92	0.00010
-70.71	183.85	0.00011	-77.78	176.78	0.00013
-84.85	169.71	0.00015	-91.92	162.63	0.00018
-98.99	155.56	0.00020	-106.07	148.49	0.00022
-109.60	144.96	0.00023	-113.14	141.42	0.00024
-115.26	139.30	0.00024	-116.67	137.89	0.00024
-118.09	136.47	0.00024	-119.50	135.06	0.00025
-120.92	133.64	0.00025	-133.64	120.92	0.00026
-135.06	119.50	0.00027	-136.47	118.09	0.00027
-137.89	116.67	0.00027	-139.30	115.26	0.00027
-141.42	113.14	0.00027	-144.96	109.60	0.00028
-148.49	106.07	0.00028	-155.56	98.99	0.00028
-162.63	91.92	0.00027	-169.71	84.85	0.00026
-176.78	77.78	0.00025	-183.85	70.71	0.00023
-190.92	63.64	0.00022	-197.99	56.57	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00010
-63.64	176.78	0.00012	-70.71	169.71	0.00014
-77.78	162.63	0.00016	-84.85	155.56	0.00019
-91.92	148.49	0.00022	-98.99	141.42	0.00024
-102.53	137.89	0.00025	-106.07	134.35	0.00026

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00027	-109.60	130.81	0.00027
-111.02	129.40	0.00027	-112.43	127.99	0.00027
-113.84	126.57	0.00028	-126.57	113.84	0.00029
-127.99	112.43	0.00030	-129.40	111.02	0.00030
-130.81	109.60	0.00030	-132.23	108.19	0.00030
-134.35	106.07	0.00031	-137.89	102.53	0.00031
-141.42	98.99	0.00031	-148.49	91.92	0.00031
-155.56	84.85	0.00030	-162.63	77.78	0.00029
-169.71	70.71	0.00027	-176.78	63.64	0.00025
-183.85	56.57	0.00023	-190.92	49.50	0.00022
-42.43	183.85	0.00009	-49.50	176.78	0.00010
-56.57	169.71	0.00012	-63.64	162.63	0.00014
-70.71	155.56	0.00017	-77.78	148.49	0.00020
-84.85	141.42	0.00023	-91.92	134.35	0.00026
-95.46	130.81	0.00028	-98.99	127.28	0.00029
-101.12	125.16	0.00030	-102.53	123.74	0.00030
-103.94	122.33	0.00030	-105.36	120.92	0.00031
-106.77	119.50	0.00031	-119.50	106.77	0.00033
-120.92	105.36	0.00033	-122.33	103.94	0.00034
-123.74	102.53	0.00034	-125.16	101.12	0.00034
-127.28	98.99	0.00034	-130.81	95.46	0.00035
-134.35	91.92	0.00035	-141.42	84.85	0.00035
-148.49	77.78	0.00033	-155.56	70.71	0.00031
-162.63	63.64	0.00029	-169.71	56.57	0.00027
-176.78	49.50	0.00025	-183.85	42.43	0.00023
-35.36	176.78	0.00009	-42.43	169.71	0.00011
-49.50	162.63	0.00012	-56.57	155.56	0.00015
-63.64	148.49	0.00018	-70.71	141.42	0.00021
-77.78	134.35	0.00025	-84.85	127.28	0.00029
-88.39	123.74	0.00031	-91.92	120.21	0.00032
-94.05	118.09	0.00033	-95.46	116.67	0.00034
-96.87	115.26	0.00034	-98.29	113.84	0.00035
-99.70	112.43	0.00035	-112.43	99.70	0.00038
-113.84	98.29	0.00038	-115.26	96.87	0.00038
-116.67	95.46	0.00039	-118.09	94.05	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:29:43  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00039	-123.74	88.39	0.00040
-127.28	84.85	0.00040	-134.35	77.78	0.00039
-141.42	70.71	0.00037	-148.49	63.64	0.00034
-155.56	56.57	0.00032	-162.63	49.50	0.00029
-169.71	42.43	0.00027	-176.78	35.36	0.00024
-28.28	169.71	0.00009	-35.36	162.63	0.00011
-42.43	155.56	0.00013	-49.50	148.49	0.00015
-56.57	141.42	0.00019	-63.64	134.35	0.00023
-70.71	127.28	0.00027	-77.78	120.21	0.00032
-81.32	116.67	0.00035	-84.85	113.14	0.00037
-86.97	111.02	0.00038	-88.39	109.60	0.00038
-89.80	108.19	0.00039	-91.22	106.77	0.00039
-92.63	105.36	0.00040	-105.36	92.63	0.00043
-106.77	91.22	0.00044	-108.19	89.80	0.00044
-109.60	88.39	0.00044	-111.02	86.97	0.00045
-113.14	84.85	0.00045	-116.67	81.32	0.00045
-120.21	77.78	0.00045	-127.28	70.71	0.00043
-134.35	63.64	0.00041	-141.42	56.57	0.00038
-148.49	49.50	0.00035	-155.56	42.43	0.00032
-162.63	35.36	0.00029	-169.71	28.28	0.00026
-21.21	162.63	0.00010	-28.28	155.56	0.00011
-35.36	148.49	0.00013	-42.43	141.42	0.00016
-49.50	134.35	0.00019	-56.57	127.28	0.00024
-63.64	120.21	0.00030	-70.71	113.14	0.00036
-74.25	109.60	0.00039	-77.78	106.07	0.00041
-79.90	103.94	0.00043	-81.32	102.53	0.00044
-82.73	101.12	0.00044	-84.15	99.70	0.00045
-85.56	98.29	0.00046	-98.29	85.56	0.00050
-99.70	84.15	0.00050	-101.12	82.73	0.00051
-102.53	81.32	0.00051	-103.94	79.90	0.00052
-106.07	77.78	0.00052	-109.60	74.25	0.00052
-113.14	70.71	0.00052	-120.21	63.64	0.00049
-127.28	56.57	0.00045	-134.35	49.50	0.00042
-141.42	42.43	0.00038	-148.49	35.36	0.00034
-155.56	28.28	0.00030	-162.63	21.21	0.00027
-14.14	155.56	0.00010	-21.21	148.49	0.00012
-28.28	141.42	0.00014	-35.36	134.35	0.00017
-42.43	127.28	0.00020	-49.50	120.21	0.00025
-56.57	113.14	0.00032	-63.64	106.07	0.00040
-67.18	102.53	0.00044	-70.71	98.99	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00049	-74.25	95.46	0.00050
-75.66	94.05	0.00051	-77.07	92.63	0.00052
-78.49	91.22	0.00053	-91.22	78.49	0.00058
-92.63	77.07	0.00059	-94.05	75.66	0.00059
-95.46	74.25	0.00060	-96.87	72.83	0.00060
-98.99	70.71	0.00061	-102.53	67.18	0.00060
-106.07	63.64	0.00059	-113.14	56.57	0.00055
-120.21	49.50	0.00051	-127.28	42.43	0.00046
-134.35	35.36	0.00041	-141.42	28.28	0.00036
-148.49	21.21	0.00032	-155.56	14.14	0.00028
-7.07	148.49	0.00010	-14.14	141.42	0.00012
-21.21	134.35	0.00014	-28.28	127.28	0.00017
-35.36	120.21	0.00021	-42.43	113.14	0.00027
-49.50	106.07	0.00034	-56.57	98.99	0.00044
-60.10	95.46	0.00049	-63.64	91.92	0.00054
-65.76	89.80	0.00057	-67.18	88.39	0.00058
-68.59	86.97	0.00060	-70.00	85.56	0.00061
-71.42	84.15	0.00062	-84.15	71.42	0.00069
-85.56	70.00	0.00070	-86.97	68.59	0.00071
-88.39	67.18	0.00071	-89.80	65.76	0.00071
-91.92	63.64	0.00071	-95.46	60.10	0.00070
-98.99	56.57	0.00068	-106.07	49.50	0.00063
-113.14	42.43	0.00056	-120.21	35.36	0.00050
-127.28	28.28	0.00044	-134.35	21.21	0.00038
-141.42	14.14	0.00033	-148.49	7.07	0.00028
0.00	141.42	0.00011	-7.07	134.35	0.00013
-14.14	127.28	0.00015	-21.21	120.21	0.00018
-28.28	113.14	0.00022	-35.36	106.07	0.00028
-42.43	98.99	0.00037	-49.50	91.92	0.00048
-53.03	88.39	0.00055	-56.57	84.85	0.00062
-58.69	82.73	0.00066	-60.10	81.32	0.00068
-61.52	79.90	0.00070	-62.93	78.49	0.00072
-64.35	77.07	0.00074	-77.07	64.35	0.00083
-78.49	62.93	0.00084	-79.90	61.52	0.00085
-81.32	60.10	0.00085	-82.73	58.69	0.00085
-84.85	56.57	0.00084	-88.39	53.03	0.00082
-91.92	49.50	0.00079	-98.99	42.43	0.00071

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00062	-113.14	28.28	0.00054
-120.21	21.21	0.00046	-127.28	14.14	0.00039
-134.35	7.07	0.00033	-141.42	0.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 69  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00012	0.00	127.28	0.00013
-7.07	120.21	0.00016	-14.14	113.14	0.00019
-21.21	106.07	0.00023	-28.28	98.99	0.00030
-35.36	91.92	0.00039	-42.43	84.85	0.00052
-45.96	81.32	0.00061	-49.50	77.78	0.00070
-51.62	75.66	0.00076	-53.03	74.25	0.00080
-54.45	72.83	0.00083	-55.86	71.42	0.00086
-57.28	70.00	0.00089	-70.00	57.28	0.00102
-71.42	55.86	0.00103	-72.83	54.45	0.00103
-74.25	53.03	0.00103	-75.66	51.62	0.00102
-77.78	49.50	0.00101	-81.32	45.96	0.00096
-84.85	42.43	0.00091	-91.92	35.36	0.00080
-98.99	28.28	0.00068	-106.07	21.21	0.00057
-113.14	14.14	0.00048	-120.21	7.07	0.00040
-127.28	0.00	0.00033	-134.35	-7.07	0.00028
14.14	127.28	0.00012	7.07	120.21	0.00014
0.00	113.14	0.00017	-7.07	106.07	0.00020
-14.14	98.99	0.00024	-21.21	91.92	0.00031
-28.28	84.85	0.00041	-35.36	77.78	0.00057
-38.89	74.25	0.00067	-42.43	70.71	0.00079
-44.55	68.59	0.00087	-45.96	67.18	0.00093
-47.38	65.76	0.00098	-48.79	64.35	0.00103
-50.20	62.93	0.00108	-62.93	50.20	0.00127
-64.35	48.79	0.00127	-65.76	47.38	0.00126
-67.18	45.96	0.00125	-68.59	44.55	0.00123
-70.71	42.43	0.00120	-74.25	38.89	0.00113
-77.78	35.36	0.00105	-84.85	28.28	0.00088
-91.92	21.21	0.00072	-98.99	14.14	0.00059
-106.07	7.07	0.00049	-113.14	0.00	0.00040
-120.21	-7.07	0.00034	-127.28	-14.14	0.00028
21.21	120.21	0.00013	14.14	113.14	0.00015



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00018	0.00	98.99	0.00021
-7.07	91.92	0.00026	-14.14	84.85	0.00033
-21.21	77.78	0.00044	-28.28	70.71	0.00061
-31.82	67.18	0.00073	-35.36	63.64	0.00088
-37.48	61.52	0.00099	-38.89	60.10	0.00107
-40.31	58.69	0.00115	-41.72	57.28	0.00123
-43.13	55.86	0.00131	-55.86	43.13	0.00159
-57.28	41.72	0.00157	-58.69	40.31	0.00155
-60.10	38.89	0.00152	-61.52	37.48	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00142	-67.18	31.82	0.00130
-70.71	28.28	0.00117	-77.78	21.21	0.00094
-84.85	14.14	0.00075	-91.92	7.07	0.00061
-98.99	0.00	0.00049	-106.07	-7.07	0.00041
-113.14	-14.14	0.00034	-120.21	-21.21	0.00028
28.28	113.14	0.00014	21.21	106.07	0.00016
14.14	98.99	0.00019	7.07	91.92	0.00023
0.00	84.85	0.00028	-7.07	77.78	0.00036
-14.14	70.71	0.00047	-21.21	63.64	0.00065
-24.75	60.10	0.00079	-28.28	56.57	0.00096
-30.41	54.45	0.00110	-31.82	53.03	0.00120
-33.23	51.62	0.00131	-34.65	50.20	0.00144
-36.06	48.79	0.00156	-48.79	36.06	0.00199
-50.20	34.65	0.00194	-51.62	33.23	0.00187
-53.03	31.82	0.00180	-54.45	30.41	0.00172
-56.57	28.28	0.00160	-60.10	24.75	0.00141
-63.64	21.21	0.00124	-70.71	14.14	0.00097
-77.78	7.07	0.00077	-84.85	0.00	0.00062
-91.92	-7.07	0.00050	-98.99	-14.14	0.00041
-106.07	-21.21	0.00034	-113.14	-28.28	0.00028
35.36	106.07	0.00015	28.28	98.99	0.00017
21.21	91.92	0.00021	14.14	84.85	0.00025
7.07	77.78	0.00031	0.00	70.71	0.00039
-7.07	63.64	0.00051	-14.14	56.57	0.00072
-17.68	53.03	0.00087	-21.21	49.50	0.00107

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00122	-24.75	45.96	0.00133
-26.16	44.55	0.00147	-27.58	43.13	0.00162
-28.99	41.72	0.00180	-41.72	28.99	0.00236
-43.13	27.58	0.00222	-44.55	26.16	0.00208
-45.96	24.75	0.00196	-47.38	23.33	0.00185
-49.50	21.21	0.00169	-53.03	17.68	0.00147
-56.57	14.14	0.00128	-63.64	7.07	0.00099
-70.71	0.00	0.00078	-77.78	-7.07	0.00062
-84.85	-14.14	0.00050	-91.92	-21.21	0.00040
-98.99	-28.28	0.00033	-106.07	-35.36	0.00028
42.43	98.99	0.00016	35.36	91.92	0.00019
28.28	84.85	0.00022	21.21	77.78	0.00027
14.14	70.71	0.00033	7.07	63.64	0.00042
0.00	56.57	0.00056	-7.07	49.50	0.00079
-10.61	45.96	0.00097	-14.14	42.43	0.00120

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00138	-17.68	38.89	0.00152
-19.09	37.48	0.00169	-20.51	36.06	0.00190
-21.92	34.65	0.00217	-34.65	21.92	0.00264
-36.06	20.51	0.00242	-37.48	19.09	0.00225
-38.89	17.68	0.00210	-40.31	16.26	0.00196
-42.43	14.14	0.00178	-45.96	10.61	0.00153
-49.50	7.07	0.00133	-56.57	0.00	0.00102
-63.64	-7.07	0.00079	-70.71	-14.14	0.00062
-77.78	-21.21	0.00050	-84.85	-28.28	0.00041
-91.92	-35.36	0.00034	-98.99	-42.43	0.00028
49.50	91.92	0.00017	42.43	84.85	0.00020
35.36	77.78	0.00024	28.28	70.71	0.00029
21.21	63.64	0.00036	14.14	56.57	0.00047
7.07	49.50	0.00063	0.00	42.43	0.00092
-3.54	38.89	0.00115	-7.07	35.36	0.00150
-9.19	33.23	0.00181	-10.61	31.82	0.00207
-12.02	30.41	0.00241	-13.44	28.99	0.00286
-14.85	27.58	0.00346	-27.58	14.85	0.00317
-28.99	13.44	0.00281	-30.41	12.02	0.00255

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00234	-33.23	9.19	0.00216
-35.36	7.07	0.00194	-38.89	3.54	0.00164
-42.43	0.00	0.00141	-49.50	-7.07	0.00107
-56.57	-14.14	0.00083	-63.64	-21.21	0.00065
-70.71	-28.28	0.00052	-77.78	-35.36	0.00042
-84.85	-42.43	0.00035	-91.92	-49.50	0.00029
56.57	84.85	0.00018	49.50	77.78	0.00021
42.43	70.71	0.00026	35.36	63.64	0.00032
28.28	56.57	0.00041	21.21	49.50	0.00054
14.14	42.43	0.00075	7.07	35.36	0.00116
3.54	31.82	0.00152	0.00	28.28	0.00209
-2.12	26.16	0.00259	-3.54	24.75	0.00301
-4.95	23.33	0.00353	-6.36	21.92	0.00415
-7.78	20.51	0.00494	-20.51	7.78	0.00383
-21.92	6.36	0.00333	-23.33	4.95	0.00295
-24.75	3.54	0.00266	-26.16	2.12	0.00242
-28.28	0.00	0.00214	-31.82	-3.54	0.00178
-35.36	-7.07	0.00151	-42.43	-14.14	0.00113
-49.50	-21.21	0.00086	-56.57	-28.28	0.00068
-63.64	-35.36	0.00054	-70.71	-42.43	0.00044
-77.78	-49.50	0.00037	-84.85	-56.57	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00019	56.57	70.71	0.00023
49.50	63.64	0.00029	42.43	56.57	0.00036
35.36	49.50	0.00047	28.28	42.43	0.00063
21.21	35.36	0.00093	14.14	28.28	0.00152
10.61	24.75	0.00203	7.07	21.21	0.00279
4.95	19.09	0.00343	3.54	17.68	0.00394
2.12	16.26	0.00456	0.71	14.85	0.00528
-0.71	13.44	0.00614	-13.44	0.71	0.00444
-14.85	-0.71	0.00385	-16.26	-2.12	0.00339
-17.68	-3.54	0.00302	-19.09	-4.95	0.00272
-21.21	-7.07	0.00236	-24.75	-10.61	0.00193
-28.28	-14.14	0.00162	-35.36	-21.21	0.00118
-42.43	-28.28	0.00090	-49.50	-35.36	0.00071

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00057	-63.64	-49.50	0.00047
-70.71	-56.57	0.00039	-77.78	-63.64	0.00033
70.71	70.71	0.00021	63.64	63.64	0.00026
56.57	56.57	0.00032	49.50	49.50	0.00041
42.43	42.43	0.00055	35.36	35.36	0.00077
28.28	28.28	0.00117	21.21	21.21	0.00193
17.68	17.68	0.00256	14.14	14.14	0.00345
12.02	12.02	0.00416	10.61	10.61	0.00473
9.19	9.19	0.00539	7.78	7.78	0.00615
6.36	6.36	0.00705	-6.36	-6.36	0.00493
-7.78	-7.78	0.00427	-9.19	-9.19	0.00375
-10.61	-10.61	0.00333	-12.02	-12.02	0.00299
-14.14	-14.14	0.00258	-17.68	-17.68	0.00207
-21.21	-21.21	0.00171	-28.28	-28.28	0.00124
-35.36	-35.36	0.00094	-42.43	-42.43	0.00074
-49.50	-49.50	0.00060	-56.57	-56.57	0.00050
-63.64	-63.64	0.00042	-70.71	-70.71	0.00036
77.78	63.64	0.00023	70.71	56.57	0.00029
63.64	49.50	0.00036	56.57	42.43	0.00047
49.50	35.36	0.00065	42.43	28.28	0.00094
35.36	21.21	0.00144	28.28	14.14	0.00234
24.75	10.61	0.00304	21.21	7.07	0.00401
19.09	4.95	0.00476	17.68	3.54	0.00534
16.26	2.12	0.00602	14.85	0.71	0.00678
13.44	-0.71	0.00768	0.71	-13.44	0.00525
-0.71	-14.85	0.00455	-2.12	-16.26	0.00400
-3.54	-17.68	0.00355	-4.95	-19.09	0.00318

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00273	-10.61	-24.75	0.00218
-14.14	-28.28	0.00179	-21.21	-35.36	0.00130
-28.28	-42.43	0.00100	-35.36	-49.50	0.00079
-42.43	-56.57	0.00064	-49.50	-63.64	0.00053
-56.57	-70.71	0.00044	-63.64	-77.78	0.00038
84.85	56.57	0.00026	77.78	49.50	0.00032
70.71	42.43	0.00041	63.64	35.36	0.00055

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00076	49.50	21.21	0.00111
42.43	14.14	0.00170	35.36	7.07	0.00270
31.82	3.54	0.00346	28.28	0.00	0.00447
26.16	-2.12	0.00523	24.75	-3.54	0.00582
23.33	-4.95	0.00647	21.92	-6.36	0.00722
20.51	-7.78	0.00809	7.78	-20.51	0.00539
6.36	-21.92	0.00467	4.95	-23.33	0.00411
3.54	-24.75	0.00366	2.12	-26.16	0.00328
0.00	-28.28	0.00283	-3.54	-31.82	0.00227
-7.07	-35.36	0.00188	-14.14	-42.43	0.00137
-21.21	-49.50	0.00106	-28.28	-56.57	0.00084
-35.36	-63.64	0.00068	-42.43	-70.71	0.00056
-49.50	-77.78	0.00047	-56.57	-84.85	0.00039
91.92	49.50	0.00028	84.85	42.43	0.00036
77.78	35.36	0.00047	70.71	28.28	0.00063
63.64	21.21	0.00089	56.57	14.14	0.00129
49.50	7.07	0.00194	42.43	0.00	0.00302
38.89	-3.54	0.00381	35.36	-7.07	0.00484
33.23	-9.19	0.00560	31.82	-10.61	0.00617
30.41	-12.02	0.00680	28.99	-13.44	0.00752
27.58	-14.85	0.00834	14.85	-27.58	0.00537
13.44	-28.99	0.00466	12.02	-30.41	0.00412
10.61	-31.82	0.00369	9.19	-33.23	0.00333
7.07	-35.36	0.00290	3.54	-38.89	0.00237
0.00	-42.43	0.00199	-7.07	-49.50	0.00146
-14.14	-56.57	0.00113	-21.21	-63.64	0.00089
-28.28	-70.71	0.00072	-35.36	-77.78	0.00059
-42.43	-84.85	0.00049	-49.50	-91.92	0.00041
98.99	42.43	0.00031	91.92	35.36	0.00040
84.85	28.28	0.00053	77.78	21.21	0.00072
70.71	14.14	0.00101	63.64	7.07	0.00145
56.57	0.00	0.00215	49.50	-7.07	0.00327
45.96	-10.61	0.00408	42.43	-14.14	0.00511

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00586	38.89	-17.68	0.00642

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00704	36.06	-20.51	0.00773
34.65	-21.92	0.00850	21.92	-34.65	0.00529
20.51	-36.06	0.00465	19.09	-37.48	0.00416
17.68	-38.89	0.00376	16.26	-40.31	0.00343
14.14	-42.43	0.00302	10.61	-45.96	0.00249
7.07	-49.50	0.00209	0.00	-56.57	0.00154
-7.07	-63.64	0.00118	-14.14	-70.71	0.00094
-21.21	-77.78	0.00076	-28.28	-84.85	0.00062
-35.36	-91.92	0.00052	-42.43	-98.99	0.00044
106.07	35.36	0.00035	98.99	28.28	0.00045
91.92	21.21	0.00060	84.85	14.14	0.00081
77.78	7.07	0.00113	70.71	0.00	0.00160
63.64	-7.07	0.00232	56.57	-14.14	0.00346
53.03	-17.68	0.00426	49.50	-21.21	0.00527
47.38	-23.33	0.00600	45.96	-24.75	0.00654
44.55	-26.16	0.00712	43.13	-27.58	0.00776
41.72	-28.99	0.00844	28.99	-41.72	0.00523
27.58	-43.13	0.00466	26.16	-44.55	0.00419
24.75	-45.96	0.00381	23.33	-47.38	0.00349
21.21	-49.50	0.00309	17.68	-53.03	0.00256
14.14	-56.57	0.00216	7.07	-63.64	0.00160
0.00	-70.71	0.00123	-7.07	-77.78	0.00097
-14.14	-84.85	0.00078	-21.21	-91.92	0.00064
-28.28	-98.99	0.00054	-35.36	-106.07	0.00045
113.14	28.28	0.00039	106.07	21.21	0.00051
98.99	14.14	0.00067	91.92	7.07	0.00090
84.85	0.00	0.00123	77.78	-7.07	0.00172
70.71	-14.14	0.00245	63.64	-21.21	0.00356
60.10	-24.75	0.00431	56.57	-28.28	0.00521
54.45	-30.41	0.00581	53.03	-31.82	0.00623
51.62	-33.23	0.00664	50.20	-34.65	0.00703
48.79	-36.06	0.00736	36.06	-48.79	0.00482
34.65	-50.20	0.00441	33.23	-51.62	0.00403
31.82	-53.03	0.00370	30.41	-54.45	0.00341
28.28	-56.57	0.00304	24.75	-60.10	0.00255
21.21	-63.64	0.00216	14.14	-70.71	0.00160
7.07	-77.78	0.00123	0.00	-84.85	0.00097
-7.07	-91.92	0.00079	-14.14	-98.99	0.00065
-21.21	-106.07	0.00054	-28.28	-113.14	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00043	113.14	14.14	0.00056
106.07	7.07	0.00073	98.99	0.00	0.00097
91.92	-7.07	0.00131	84.85	-14.14	0.00180
77.78	-21.21	0.00250	70.71	-28.28	0.00350
67.18	-31.82	0.00412	63.64	-35.36	0.00480
61.52	-37.48	0.00520	60.10	-38.89	0.00546
58.69	-40.31	0.00569	57.28	-41.72	0.00588
55.86	-43.13	0.00602	43.13	-55.86	0.00426
41.72	-57.28	0.00397	40.31	-58.69	0.00370
38.89	-60.10	0.00344	37.48	-61.52	0.00321
35.36	-63.64	0.00290	31.82	-67.18	0.00246
28.28	-70.71	0.00211	21.21	-77.78	0.00158
14.14	-84.85	0.00122	7.07	-91.92	0.00097
0.00	-98.99	0.00078	-7.07	-106.07	0.00065
-14.14	-113.14	0.00054	-21.21	-120.21	0.00046
127.28	14.14	0.00047	120.21	7.07	0.00060
113.14	0.00	0.00078	106.07	-7.07	0.00103
98.99	-14.14	0.00137	91.92	-21.21	0.00183
84.85	-28.28	0.00247	77.78	-35.36	0.00330
74.25	-38.89	0.00376	70.71	-42.43	0.00422
68.59	-44.55	0.00448	67.18	-45.96	0.00463
65.76	-47.38	0.00475	64.35	-48.79	0.00485
62.93	-50.20	0.00490	50.20	-62.93	0.00366
48.79	-64.35	0.00346	47.38	-65.76	0.00327
45.96	-67.18	0.00309	44.55	-68.59	0.00292
42.43	-70.71	0.00267	38.89	-74.25	0.00231
35.36	-77.78	0.00201	28.28	-84.85	0.00153
21.21	-91.92	0.00120	14.14	-98.99	0.00095
7.07	-106.07	0.00077	0.00	-113.14	0.00064
-7.07	-120.21	0.00054	-14.14	-127.28	0.00046
134.35	7.07	0.00051	127.28	0.00	0.00064
120.21	-7.07	0.00083	113.14	-14.14	0.00107
106.07	-21.21	0.00139	98.99	-28.28	0.00182
91.92	-35.36	0.00236	84.85	-42.43	0.00300
81.32	-45.96	0.00334	77.78	-49.50	0.00365
75.66	-51.62	0.00381	74.25	-53.03	0.00390
72.83	-54.45	0.00396	71.42	-55.86	0.00400
70.00	-57.28	0.00402	57.28	-70.00	0.00313
55.86	-71.42	0.00299	54.45	-72.83	0.00285

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

53.03 -74.25 0.00272 51.62 -75.66 0.00259

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00241	45.96	-81.32	0.00213
42.43	-84.85	0.00188	35.36	-91.92	0.00146
28.28	-98.99	0.00116	21.21	-106.07	0.00093
14.14	-113.14	0.00076	7.07	-120.21	0.00063
0.00	-127.28	0.00053	-7.07	-134.35	0.00045
141.42	0.00	0.00054	134.35	-7.07	0.00068
127.28	-14.14	0.00085	120.21	-21.21	0.00109
113.14	-28.28	0.00138	106.07	-35.36	0.00175
98.99	-42.43	0.00220	91.92	-49.50	0.00269
88.39	-53.03	0.00294	84.85	-56.57	0.00314
82.73	-58.69	0.00324	81.32	-60.10	0.00329
79.90	-61.52	0.00332	78.49	-62.93	0.00334
77.07	-64.35	0.00333	64.35	-77.07	0.00268
62.93	-78.49	0.00257	61.52	-79.90	0.00247
60.10	-81.32	0.00237	58.69	-82.73	0.00228
56.57	-84.85	0.00215	53.03	-88.39	0.00193
49.50	-91.92	0.00173	42.43	-98.99	0.00138
35.36	-106.07	0.00111	28.28	-113.14	0.00090
21.21	-120.21	0.00074	14.14	-127.28	0.00062
7.07	-134.35	0.00053	0.00	-141.42	0.00045
148.49	-7.07	0.00056	141.42	-14.14	0.00070
134.35	-21.21	0.00087	127.28	-28.28	0.00108
120.21	-35.36	0.00135	113.14	-42.43	0.00166
106.07	-49.50	0.00202	98.99	-56.57	0.00240
95.46	-60.10	0.00257	91.92	-63.64	0.00271
89.80	-65.76	0.00277	88.39	-67.18	0.00279
86.97	-68.59	0.00281	85.56	-70.00	0.00281
84.15	-71.42	0.00280	71.42	-84.15	0.00230
70.00	-85.56	0.00223	68.59	-86.97	0.00215
67.18	-88.39	0.00208	65.76	-89.80	0.00200
63.64	-91.92	0.00190	60.10	-95.46	0.00173
56.57	-98.99	0.00158	49.50	-106.07	0.00129
42.43	-113.14	0.00105	35.36	-120.21	0.00086



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00072	21.21	-134.35	0.00061
14.14	-141.42	0.00052	7.07	-148.49	0.00044
155.56	-14.14	0.00058	148.49	-21.21	0.00071
141.42	-28.28	0.00087	134.35	-35.36	0.00106
127.28	-42.43	0.00129	120.21	-49.50	0.00156
113.14	-56.57	0.00185	106.07	-63.64	0.00213
102.53	-67.18	0.00225	98.99	-70.71	0.00234

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00238	95.46	-74.25	0.00239
94.05	-75.66	0.00240	92.63	-77.07	0.00239
91.22	-78.49	0.00238	78.49	-91.22	0.00199
77.07	-92.63	0.00194	75.66	-94.05	0.00188
74.25	-95.46	0.00182	72.83	-96.87	0.00176
70.71	-98.99	0.00168	67.18	-102.53	0.00155
63.64	-106.07	0.00143	56.57	-113.14	0.00120
49.50	-120.21	0.00100	42.43	-127.28	0.00083
35.36	-134.35	0.00069	28.28	-141.42	0.00059
21.21	-148.49	0.00050	14.14	-155.56	0.00043
162.63	-21.21	0.00059	155.56	-28.28	0.00071
148.49	-35.36	0.00086	141.42	-42.43	0.00103
134.35	-49.50	0.00123	127.28	-56.57	0.00145
120.21	-63.64	0.00168	113.14	-70.71	0.00190
109.60	-74.25	0.00198	106.07	-77.78	0.00204
103.94	-79.90	0.00206	102.53	-81.32	0.00206
101.12	-82.73	0.00206	99.70	-84.15	0.00206
98.29	-85.56	0.00205	85.56	-98.29	0.00174
84.15	-99.70	0.00170	82.73	-101.12	0.00165
81.32	-102.53	0.00161	79.90	-103.94	0.00156
77.78	-106.07	0.00149	74.25	-109.60	0.00139
70.71	-113.14	0.00129	63.64	-120.21	0.00111
56.57	-127.28	0.00094	49.50	-134.35	0.00079
42.43	-141.42	0.00066	35.36	-148.49	0.00056
28.28	-155.56	0.00049	21.21	-162.63	0.00042
169.71	-28.28	0.00059	162.63	-35.36	0.00071
155.56	-42.43	0.00084	148.49	-49.50	0.00099

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00116	134.35	-63.64	0.00134
127.28	-70.71	0.00153	120.21	-77.78	0.00169
116.67	-81.32	0.00175	113.14	-84.85	0.00179
111.02	-86.97	0.00180	109.60	-88.39	0.00180
108.19	-89.80	0.00180	106.77	-91.22	0.00179
105.36	-92.63	0.00178	92.63	-105.36	0.00153
91.22	-106.77	0.00150	89.80	-108.19	0.00146
88.39	-109.60	0.00142	86.97	-111.02	0.00139
84.85	-113.14	0.00133	81.32	-116.67	0.00125
77.78	-120.21	0.00117	70.71	-127.28	0.00102
63.64	-134.35	0.00088	56.57	-141.42	0.00075
49.50	-148.49	0.00064	42.43	-155.56	0.00054
35.36	-162.63	0.00047	28.28	-169.71	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00059	169.71	-42.43	0.00069
162.63	-49.50	0.00081	155.56	-56.57	0.00094
148.49	-63.64	0.00108	141.42	-70.71	0.00124
134.35	-77.78	0.00139	127.28	-84.85	0.00151
123.74	-88.39	0.00155	120.21	-91.92	0.00158
118.09	-94.05	0.00158	116.67	-95.46	0.00158
115.26	-96.87	0.00158	113.84	-98.29	0.00157
112.43	-99.70	0.00156	99.70	-112.43	0.00136
98.29	-113.84	0.00133	96.87	-115.26	0.00130
95.46	-116.67	0.00127	94.05	-118.09	0.00124
91.92	-120.21	0.00120	88.39	-123.74	0.00113
84.85	-127.28	0.00106	77.78	-134.35	0.00094
70.71	-141.42	0.00082	63.64	-148.49	0.00071
56.57	-155.56	0.00061	49.50	-162.63	0.00052
42.43	-169.71	0.00045	35.36	-176.78	0.00040
183.85	-42.43	0.00058	176.78	-49.50	0.00067
169.71	-56.57	0.00077	162.63	-63.64	0.00089
155.56	-70.71	0.00102	148.49	-77.78	0.00115
141.42	-84.85	0.00126	134.35	-91.92	0.00136
130.81	-95.46	0.00138	127.28	-98.99	0.00140
125.16	-101.12	0.00140	123.74	-102.53	0.00140

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00139	120.92	-105.36	0.00139
119.50	-106.77	0.00138	106.77	-119.50	0.00121
105.36	-120.92	0.00119	103.94	-122.33	0.00116
102.53	-123.74	0.00114	101.12	-125.16	0.00112
98.99	-127.28	0.00108	95.46	-130.81	0.00102
91.92	-134.35	0.00096	84.85	-141.42	0.00086
77.78	-148.49	0.00076	70.71	-155.56	0.00067
63.64	-162.63	0.00058	56.57	-169.71	0.00050
49.50	-176.78	0.00044	42.43	-183.85	0.00039
190.92	-49.50	0.00057	183.85	-56.57	0.00065
176.78	-63.64	0.00074	169.71	-70.71	0.00084
162.63	-77.78	0.00095	155.56	-84.85	0.00106
148.49	-91.92	0.00115	141.42	-98.99	0.00122
137.89	-102.53	0.00124	134.35	-106.07	0.00125
132.23	-108.19	0.00125	130.81	-109.60	0.00125
129.40	-111.02	0.00124	127.99	-112.43	0.00123
126.57	-113.84	0.00123	113.84	-126.57	0.00109
112.43	-127.99	0.00107	111.02	-129.40	0.00105
109.60	-130.81	0.00103	108.19	-132.23	0.00101

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00098	102.53	-137.89	0.00093
98.99	-141.42	0.00088	91.92	-148.49	0.00079
84.85	-155.56	0.00071	77.78	-162.63	0.00063
70.71	-169.71	0.00055	63.64	-176.78	0.00048
56.57	-183.85	0.00042	49.50	-190.92	0.00037
197.99	-56.57	0.00055	190.92	-63.64	0.00062
183.85	-70.71	0.00071	176.78	-77.78	0.00080
169.71	-84.85	0.00089	162.63	-91.92	0.00098
155.56	-98.99	0.00105	148.49	-106.07	0.00110
144.96	-109.60	0.00112	141.42	-113.14	0.00112
139.30	-115.26	0.00112	137.89	-116.67	0.00112
136.47	-118.09	0.00111	135.06	-119.50	0.00111
133.64	-120.92	0.00110	120.92	-133.64	0.00098
119.50	-135.06	0.00097	118.09	-136.47	0.00095
116.67	-137.89	0.00093	115.26	-139.30	0.00091

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00089	109.60	-144.96	0.00085
106.07	-148.49	0.00081	98.99	-155.56	0.00073
91.92	-162.63	0.00066	84.85	-169.71	0.00059
77.78	-176.78	0.00053	70.71	-183.85	0.00046
63.64	-190.92	0.00041	56.57	-197.99	0.00036
205.06	-63.64	0.00053	197.99	-70.71	0.00060
190.92	-77.78	0.00067	183.85	-84.85	0.00075
176.78	-91.92	0.00083	169.71	-98.99	0.00090
162.63	-106.07	0.00096	155.56	-113.14	0.00100
152.03	-116.67	0.00101	148.49	-120.21	0.00101
146.37	-122.33	0.00101	144.96	-123.74	0.00101
143.54	-125.16	0.00100	142.13	-126.57	0.00100
140.71	-127.99	0.00099	127.99	-140.71	0.00089
126.57	-142.13	0.00088	125.16	-143.54	0.00086
123.74	-144.96	0.00085	122.33	-146.37	0.00083
120.21	-148.49	0.00081	116.67	-152.03	0.00078
113.14	-155.56	0.00074	106.07	-162.63	0.00068
98.99	-169.71	0.00061	91.92	-176.78	0.00056
84.85	-183.85	0.00050	77.78	-190.92	0.00044
70.71	-197.99	0.00040	63.64	-205.06	0.00035
212.13	-70.71	0.00051	205.06	-77.78	0.00058
197.99	-84.85	0.00064	190.92	-91.92	0.00071
183.85	-98.99	0.00078	176.78	-106.07	0.00084
169.71	-113.14	0.00088	162.63	-120.21	0.00091
159.10	-123.74	0.00092	155.56	-127.28	0.00092

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):      NCRA\_S3 ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00092	152.03	-130.81	0.00091
150.61	-132.23	0.00091	149.20	-133.64	0.00090
147.79	-135.06	0.00090	135.06	-147.79	0.00081
133.64	-149.20	0.00080	132.23	-150.61	0.00079
130.81	-152.03	0.00078	129.40	-153.44	0.00076
127.28	-155.56	0.00074	123.74	-159.10	0.00071
120.21	-162.63	0.00068	113.14	-169.71	0.00063
106.07	-176.78	0.00057	98.99	-183.85	0.00052
91.92	-190.92	0.00047	84.85	-197.99	0.00043

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00038	70.71	-212.13	0.00034
219.20	-77.78	0.00050	212.13	-84.85	0.00055
205.06	-91.92	0.00061	197.99	-98.99	0.00067
190.92	-106.07	0.00072	183.85	-113.14	0.00077
176.78	-120.21	0.00081	169.71	-127.28	0.00083
166.17	-130.81	0.00084	162.63	-134.35	0.00084
160.51	-136.47	0.00083	159.10	-137.89	0.00083
157.68	-139.30	0.00083	156.27	-140.71	0.00082
154.86	-142.13	0.00082	142.13	-154.86	0.00074
140.71	-156.27	0.00073	139.30	-157.68	0.00072
137.89	-159.10	0.00071	136.47	-160.51	0.00070
134.35	-162.63	0.00069	130.81	-166.17	0.00066
127.28	-169.71	0.00063	120.21	-176.78	0.00058
113.14	-183.85	0.00054	106.07	-190.92	0.00049
98.99	-197.99	0.00045	91.92	-205.06	0.00041
84.85	-212.13	0.00037	77.78	-219.20	0.00033
226.27	-84.85	0.00048	219.20	-91.92	0.00053
212.13	-98.99	0.00058	205.06	-106.07	0.00063
197.99	-113.14	0.00068	190.92	-120.21	0.00072
183.85	-127.28	0.00075	176.78	-134.35	0.00077
173.24	-137.89	0.00077	169.71	-141.42	0.00077
167.58	-143.54	0.00076	166.17	-144.96	0.00076
164.76	-146.37	0.00076	163.34	-147.79	0.00075
161.93	-149.20	0.00075	149.20	-161.93	0.00068
147.79	-163.34	0.00067	146.37	-164.76	0.00066
144.96	-166.17	0.00066	143.54	-167.58	0.00065
141.42	-169.71	0.00063	137.89	-173.24	0.00061
134.35	-176.78	0.00059	127.28	-183.85	0.00054
120.21	-190.92	0.00050	113.14	-197.99	0.00046
106.07	-205.06	0.00042	98.99	-212.13	0.00039
91.92	-219.20	0.00035	84.85	-226.27	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00046	226.27	-98.99	0.00050
219.20	-106.07	0.00055	212.13	-113.14	0.00059
205.06	-120.21	0.00063	197.99	-127.28	0.00067

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00069	183.85	-141.42	0.00071
180.31	-144.96	0.00071	176.78	-148.49	0.00070
174.66	-150.61	0.00070	173.24	-152.03	0.00070
171.83	-153.44	0.00069	170.41	-154.86	0.00069
169.00	-156.27	0.00069	156.27	-169.00	0.00063
154.86	-170.41	0.00062	153.44	-171.83	0.00061
152.03	-173.24	0.00061	150.61	-174.66	0.00060
148.49	-176.78	0.00059	144.96	-180.31	0.00057
141.42	-183.85	0.00054	134.35	-190.92	0.00051
127.28	-197.99	0.00047	120.21	-205.06	0.00044
113.14	-212.13	0.00040	106.07	-219.20	0.00037
98.99	-226.27	0.00034	91.92	-233.35	0.00031
240.42	-98.99	0.00044	233.35	-106.07	0.00048
226.27	-113.14	0.00052	219.20	-120.21	0.00056
212.13	-127.28	0.00060	205.06	-134.35	0.00062
197.99	-141.42	0.00064	190.92	-148.49	0.00065
187.38	-152.03	0.00065	183.85	-155.56	0.00065
181.73	-157.68	0.00065	180.31	-159.10	0.00064
178.90	-160.51	0.00064	177.48	-161.93	0.00064
176.07	-163.34	0.00063	163.34	-176.07	0.00058
161.93	-177.48	0.00058	160.51	-178.90	0.00057
159.10	-180.31	0.00056	157.68	-181.73	0.00055
155.56	-183.85	0.00054	152.03	-187.38	0.00053
148.49	-190.92	0.00051	141.42	-197.99	0.00047
134.35	-205.06	0.00044	127.28	-212.13	0.00041
120.21	-219.20	0.00038	113.14	-226.27	0.00035
106.07	-233.35	0.00032	98.99	-240.42	0.00030
247.49	-106.07	0.00042	240.42	-113.14	0.00046
233.35	-120.21	0.00050	226.27	-127.28	0.00053
219.20	-134.35	0.00056	212.13	-141.42	0.00058
205.06	-148.49	0.00060	197.99	-155.56	0.00060
194.45	-159.10	0.00060	190.92	-162.63	0.00060
188.80	-164.76	0.00060	187.38	-166.17	0.00059
185.97	-167.58	0.00059	184.55	-169.00	0.00059
183.14	-170.41	0.00059	170.41	-183.14	0.00054
169.00	-184.55	0.00053	167.58	-185.97	0.00053
166.17	-187.38	0.00052	164.76	-188.80	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00040	-197.99	141.42	0.00039
-205.06	134.35	0.00037	-212.13	127.28	0.00034
-219.20	120.21	0.00032	-226.27	113.14	0.00029
-233.35	106.07	0.00027	-240.42	98.99	0.00024
-91.92	233.35	0.00009	-98.99	226.27	0.00011
-106.07	219.20	0.00013	-113.14	212.13	0.00015
-120.21	205.06	0.00019	-127.28	197.99	0.00023
-134.35	190.92	0.00027	-141.42	183.85	0.00032
-144.96	180.31	0.00035	-148.49	176.78	0.00037
-150.61	174.66	0.00038	-152.03	173.24	0.00038
-153.44	171.83	0.00039	-154.86	170.41	0.00039
-156.27	169.00	0.00040	-169.00	156.27	0.00043
-170.41	154.86	0.00044	-171.83	153.44	0.00044
-173.24	152.03	0.00044	-174.66	150.61	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00045	-180.31	144.96	0.00045
-183.85	141.42	0.00045	-190.92	134.35	0.00043
-197.99	127.28	0.00041	-205.06	120.21	0.00038
-212.13	113.14	0.00035	-219.20	106.07	0.00032
-226.27	99.00	0.00029	-233.35	91.92	0.00026
-84.85	226.27	0.00010	-91.92	219.20	0.00011
-98.99	212.13	0.00013	-106.07	205.06	0.00016
-113.14	197.99	0.00019	-120.21	190.92	0.00024
-127.28	183.85	0.00030	-134.35	176.78	0.00036
-137.89	173.24	0.00039	-141.42	169.71	0.00041
-143.54	167.58	0.00043	-144.96	166.17	0.00044
-146.37	164.76	0.00044	-147.79	163.34	0.00045
-149.20	161.93	0.00046	-161.93	149.20	0.00050
-163.34	147.79	0.00050	-164.76	146.37	0.00051
-166.17	144.96	0.00051	-167.58	143.54	0.00052
-169.71	141.42	0.00052	-173.24	137.89	0.00052
-176.78	134.35	0.00052	-183.85	127.28	0.00049
-190.92	120.21	0.00045	-197.99	113.14	0.00042
-205.06	106.07	0.00038	-212.13	99.00	0.00034
-219.20	91.92	0.00030	-226.27	84.85	0.00027



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00010	-84.85	212.13	0.00012
-91.92	205.06	0.00014	-98.99	197.99	0.00017
-106.07	190.92	0.00020	-113.14	183.85	0.00025
-120.21	176.78	0.00032	-127.28	169.71	0.00040
-130.81	166.17	0.00044	-134.35	162.63	0.00047
-136.47	160.51	0.00049	-137.89	159.10	0.00050
-139.30	157.68	0.00051	-140.71	156.27	0.00052
-142.13	154.86	0.00053	-154.86	142.13	0.00058
-156.27	140.71	0.00059	-157.68	139.30	0.00060
-159.10	137.89	0.00060	-160.51	136.47	0.00060
-162.63	134.35	0.00061	-166.17	130.81	0.00060
-169.71	127.28	0.00059	-176.78	120.21	0.00055
-183.85	113.14	0.00051	-190.92	106.07	0.00046
-197.99	99.00	0.00041	-205.06	91.92	0.00036
-212.13	84.85	0.00032	-219.20	77.78	0.00028
-70.71	212.13	0.00010	-77.78	205.06	0.00012
-84.85	197.99	0.00014	-91.92	190.92	0.00017
-98.99	183.85	0.00021	-106.07	176.78	0.00027
-113.14	169.71	0.00034	-120.21	162.63	0.00044
-123.74	159.10	0.00049	-127.28	155.56	0.00054

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00057	-130.81	152.03	0.00058
-132.23	150.61	0.00060	-133.64	149.20	0.00061
-135.06	147.79	0.00062	-147.79	135.06	0.00069
-149.20	133.64	0.00070	-150.61	132.23	0.00071
-152.03	130.81	0.00071	-153.44	129.40	0.00071
-155.56	127.28	0.00071	-159.10	123.74	0.00070
-162.63	120.21	0.00068	-169.71	113.14	0.00063
-176.78	106.07	0.00056	-183.85	98.99	0.00050
-190.92	91.92	0.00044	-197.99	84.85	0.00038
-205.06	77.78	0.00033	-212.13	70.71	0.00028
-63.64	205.06	0.00011	-70.71	197.99	0.00013
-77.78	190.92	0.00015	-84.85	183.85	0.00018
-91.92	176.78	0.00022	-98.99	169.71	0.00028
-106.07	162.63	0.00037	-113.14	155.56	0.00048

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00055	-120.21	148.49	0.00062
-122.33	146.37	0.00066	-123.74	144.96	0.00068
-125.16	143.54	0.00070	-126.57	142.13	0.00072
-127.99	140.71	0.00074	-140.71	127.99	0.00083
-142.13	126.57	0.00084	-143.54	125.16	0.00085
-144.96	123.74	0.00085	-146.37	122.33	0.00085
-148.49	120.21	0.00084	-152.03	116.67	0.00082
-155.56	113.14	0.00079	-162.63	106.07	0.00071
-169.71	98.99	0.00062	-176.78	91.92	0.00054
-183.85	84.85	0.00046	-190.92	77.78	0.00039
-197.99	70.71	0.00033	-205.06	63.64	0.00028
-56.57	197.99	0.00012	-63.64	190.92	0.00013
-70.71	183.85	0.00016	-77.78	176.78	0.00019
-84.85	169.71	0.00023	-91.92	162.63	0.00030
-98.99	155.56	0.00039	-106.07	148.49	0.00052
-109.60	144.96	0.00061	-113.14	141.42	0.00070
-115.26	139.30	0.00076	-116.67	137.89	0.00080
-118.09	136.47	0.00083	-119.50	135.06	0.00086
-120.92	133.64	0.00089	-133.64	120.92	0.00102
-135.06	119.50	0.00103	-136.47	118.09	0.00103
-137.89	116.67	0.00103	-139.30	115.26	0.00102
-141.42	113.14	0.00101	-144.96	109.60	0.00096
-148.49	106.07	0.00091	-155.56	98.99	0.00080
-162.63	91.92	0.00068	-169.71	84.85	0.00057
-176.78	77.78	0.00048	-183.85	70.71	0.00040
-190.92	63.64	0.00033	-197.99	56.57	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00012	-56.57	183.85	0.00014
-63.64	176.78	0.00017	-70.71	169.71	0.00020
-77.78	162.63	0.00024	-84.85	155.56	0.00031
-91.92	148.49	0.00041	-98.99	141.42	0.00057
-102.53	137.89	0.00067	-106.07	134.35	0.00079
-108.19	132.23	0.00087	-109.60	130.81	0.00093
-111.02	129.40	0.00098	-112.43	127.99	0.00103
-113.84	126.57	0.00108	-126.57	113.84	0.00127

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00127	-129.40	111.02	0.00126
-130.81	109.60	0.00125	-132.23	108.19	0.00123
-134.35	106.07	0.00120	-137.89	102.53	0.00113
-141.42	98.99	0.00105	-148.49	91.92	0.00088
-155.56	84.85	0.00072	-162.63	77.78	0.00059
-169.71	70.71	0.00049	-176.78	63.64	0.00040
-183.85	56.57	0.00034	-190.92	49.50	0.00028
-42.43	183.85	0.00013	-49.50	176.78	0.00015
-56.57	169.71	0.00018	-63.64	162.63	0.00021
-70.71	155.56	0.00026	-77.78	148.49	0.00033
-84.85	141.42	0.00044	-91.92	134.35	0.00061
-95.46	130.81	0.00073	-98.99	127.28	0.00088
-101.12	125.16	0.00099	-102.53	123.74	0.00107
-103.94	122.33	0.00115	-105.36	120.92	0.00123
-106.77	119.50	0.00131	-119.50	106.77	0.00159
-120.92	105.36	0.00157	-122.33	103.94	0.00155
-123.74	102.53	0.00152	-125.16	101.12	0.00148
-127.28	98.99	0.00142	-130.81	95.46	0.00130
-134.35	91.92	0.00117	-141.42	84.85	0.00094
-148.49	77.78	0.00075	-155.56	70.71	0.00061
-162.63	63.64	0.00049	-169.71	56.57	0.00041
-176.78	49.50	0.00034	-183.85	42.43	0.00028
-35.36	176.78	0.00014	-42.43	169.71	0.00016
-49.50	162.63	0.00019	-56.57	155.56	0.00023
-63.64	148.49	0.00028	-70.71	141.42	0.00036
-77.78	134.35	0.00047	-84.85	127.28	0.00065
-88.39	123.74	0.00079	-91.92	120.21	0.00096
-94.05	118.09	0.00110	-95.46	116.67	0.00120
-96.87	115.26	0.00131	-98.29	113.84	0.00144
-99.70	112.43	0.00156	-112.43	99.70	0.00199
-113.84	98.29	0.00194	-115.26	96.87	0.00187
-116.67	95.46	0.00180	-118.09	94.05	0.00172

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00160	-123.74	88.39	0.00141
-127.28	84.85	0.00124	-134.35	77.78	0.00097

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00077	-148.49	63.64	0.00062
-155.56	56.57	0.00050	-162.63	49.50	0.00041
-169.71	42.43	0.00034	-176.78	35.36	0.00028
-28.28	169.71	0.00015	-35.36	162.63	0.00017
-42.43	155.56	0.00021	-49.50	148.49	0.00025
-56.57	141.42	0.00031	-63.64	134.35	0.00039
-70.71	127.28	0.00051	-77.78	120.21	0.00072
-81.32	116.67	0.00087	-84.85	113.14	0.00107
-86.97	111.02	0.00122	-88.39	109.60	0.00133
-89.80	108.19	0.00147	-91.22	106.77	0.00162
-92.63	105.36	0.00180	-105.36	92.63	0.00236
-106.77	91.22	0.00222	-108.19	89.80	0.00208
-109.60	88.39	0.00196	-111.02	86.97	0.00185
-113.14	84.85	0.00169	-116.67	81.32	0.00147
-120.21	77.78	0.00128	-127.28	70.71	0.00099
-134.35	63.64	0.00078	-141.42	56.57	0.00062
-148.49	49.50	0.00050	-155.56	42.43	0.00040
-162.63	35.36	0.00033	-169.71	28.28	0.00028
-21.21	162.63	0.00016	-28.28	155.56	0.00019
-35.36	148.49	0.00022	-42.43	141.42	0.00027
-49.50	134.35	0.00033	-56.57	127.28	0.00042
-63.64	120.21	0.00056	-70.71	113.14	0.00079
-74.25	109.60	0.00097	-77.78	106.07	0.00120
-79.90	103.94	0.00138	-81.32	102.53	0.00152
-82.73	101.12	0.00169	-84.15	99.70	0.00190
-85.56	98.29	0.00217	-98.29	85.56	0.00264
-99.70	84.15	0.00242	-101.12	82.73	0.00225
-102.53	81.32	0.00210	-103.94	79.90	0.00196
-106.07	77.78	0.00178	-109.60	74.25	0.00153
-113.14	70.71	0.00133	-120.21	63.64	0.00102
-127.28	56.57	0.00079	-134.35	49.50	0.00062
-141.42	42.43	0.00050	-148.49	35.36	0.00041
-155.56	28.28	0.00034	-162.63	21.21	0.00028
-14.14	155.56	0.00017	-21.21	148.49	0.00020
-28.28	141.42	0.00024	-35.36	134.35	0.00029
-42.43	127.28	0.00036	-49.50	120.21	0.00047
-56.57	113.14	0.00063	-63.64	106.07	0.00092
-67.18	102.53	0.00115	-70.71	98.99	0.00150

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

18NCRA PL93-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-72.83	96.87	0.00181	-74.25	95.46	0.00207	
-75.66	94.05	0.00241	-77.07	92.63	0.00286	
-78.49	91.22	0.00346	-91.22	78.49	0.00317	
-92.63	77.07	0.00281	-94.05	75.66	0.00255	
-95.46	74.25	0.00234	-96.87	72.83	0.00216	
-98.99	70.71	0.00194	-102.53	67.18	0.00164	
-106.07	63.64	0.00141	-113.14	56.57	0.00107	
-120.21	49.50	0.00083	-127.28	42.43	0.00065	
-134.35	35.36	0.00052	-141.42	28.28	0.00042	
-148.49	21.21	0.00035	-155.56	14.14	0.00029	
-7.07	148.49	0.00018	-14.14	141.42	0.00021	
-21.21	134.35	0.00026	-28.28	127.28	0.00032	
-35.36	120.21	0.00041	-42.43	113.14	0.00054	
-49.50	106.07	0.00075	-56.57	98.99	0.00116	
-60.10	95.46	0.00152	-63.64	91.92	0.00209	
-65.76	89.80	0.00259	-67.18	88.39	0.00301	
-68.59	86.97	0.00353	-70.00	85.56	0.00415	
-71.42	84.15	0.00494	-84.15	71.42	0.00383	
-85.56	70.00	0.00333	-86.97	68.59	0.00295	
-88.39	67.18	0.00266	-89.80	65.76	0.00242	
-91.92	63.64	0.00214	-95.46	60.10	0.00178	
-98.99	56.57	0.00151	-106.07	49.50	0.00113	
-113.14	42.43	0.00086	-120.21	35.36	0.00068	
-127.28	28.28	0.00054	-134.35	21.21	0.00044	
-141.42	14.14	0.00037	-148.49	7.07	0.00031	
0.00	141.42	0.00019	-7.07	134.35	0.00023	
-14.14	127.28	0.00029	-21.21	120.21	0.00036	
-28.28	113.14	0.00047	-35.36	106.07	0.00063	
-42.43	98.99	0.00093	-49.50	91.92	0.00152	
-53.03	88.39	0.00203	-56.57	84.85	0.00279	
-58.69	82.73	0.00343	-60.10	81.32	0.00394	
-61.52	79.90	0.00456	-62.93	78.49	0.00528	
-64.35	77.07	0.00615	-77.07	64.35	0.00445	
-78.49	62.93	0.00385	-79.90	61.52	0.00339	
-81.32	60.10	0.00302	-82.73	58.69	0.00272	
-84.85	56.57	0.00236	-88.39	53.03	0.00193	
-91.92	49.50	0.00162	-98.99	42.43	0.00118	
-106.07	35.36	0.00090	-113.14	28.28	0.00071	
-120.21	21.21	0.00057	-127.28	14.14	0.00047	
-134.35	7.07	0.00039	-141.42	0.00	0.00033	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00021	0.00	127.28	0.00026
-7.07	120.21	0.00032	-14.14	113.14	0.00041
-21.21	106.07	0.00055	-28.28	98.99	0.00077
-35.36	91.92	0.00117	-42.43	84.85	0.00193
-45.96	81.32	0.00256	-49.50	77.78	0.00345
-51.62	75.66	0.00416	-53.03	74.25	0.00473
-54.45	72.83	0.00539	-55.86	71.42	0.00615
-57.28	70.00	0.00705	-70.00	57.28	0.00493
-71.42	55.86	0.00427	-72.83	54.45	0.00375
-74.25	53.03	0.00333	-75.66	51.62	0.00299
-77.78	49.50	0.00258	-81.32	45.96	0.00207
-84.85	42.43	0.00171	-91.92	35.36	0.00124
-98.99	28.28	0.00094	-106.07	21.21	0.00074
-113.14	14.14	0.00060	-120.21	7.07	0.00050
-127.28	0.00	0.00042	-134.35	-7.07	0.00036
14.14	127.28	0.00023	7.07	120.21	0.00029
0.00	113.14	0.00036	-7.07	106.07	0.00047
-14.14	98.99	0.00065	-21.21	91.92	0.00094
-28.28	84.85	0.00144	-35.36	77.78	0.00234
-38.89	74.25	0.00304	-42.43	70.71	0.00401
-44.55	68.59	0.00476	-45.96	67.18	0.00534
-47.38	65.76	0.00602	-48.79	64.35	0.00678
-50.20	62.93	0.00768	-62.93	50.20	0.00525
-64.35	48.79	0.00455	-65.76	47.38	0.00400
-67.18	45.96	0.00355	-68.59	44.55	0.00318
-70.71	42.43	0.00273	-74.25	38.89	0.00218
-77.78	35.36	0.00179	-84.85	28.28	0.00130
-91.92	21.21	0.00100	-98.99	14.14	0.00079
-106.07	7.07	0.00064	-113.14	0.00	0.00053
-120.21	-7.07	0.00044	-127.28	-14.14	0.00038
21.21	120.21	0.00026	14.14	113.14	0.00032
7.07	106.07	0.00041	0.00	98.99	0.00055
-7.07	91.92	0.00076	-14.14	84.85	0.00111
-21.21	77.78	0.00170	-28.28	70.71	0.00270

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00346	-35.36	63.64	0.00447
-37.48	61.52	0.00523	-38.89	60.10	0.00582
-40.31	58.69	0.00647	-41.72	57.28	0.00722
-43.13	55.86	0.00809	-55.86	43.13	0.00539
-57.28	41.72	0.00467	-58.69	40.31	0.00411
-60.10	38.89	0.00366	-61.52	37.48	0.00328

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00283	-67.18	31.82	0.00227
-70.71	28.28	0.00188	-77.78	21.21	0.00137
-84.85	14.14	0.00106	-91.92	7.07	0.00084
-98.99	0.00	0.00068	-106.07	-7.07	0.00056
-113.14	-14.14	0.00047	-120.21	-21.21	0.00039
28.28	113.14	0.00028	21.21	106.07	0.00036
14.14	98.99	0.00047	7.07	91.92	0.00063
0.00	84.85	0.00089	-7.07	77.78	0.00129
-14.14	70.71	0.00194	-21.21	63.64	0.00302
-24.75	60.10	0.00381	-28.28	56.57	0.00484
-30.41	54.45	0.00560	-31.82	53.03	0.00617
-33.23	51.62	0.00680	-34.65	50.20	0.00752
-36.06	48.79	0.00834	-48.79	36.06	0.00537
-50.20	34.65	0.00466	-51.62	33.23	0.00412
-53.03	31.82	0.00369	-54.45	30.41	0.00333
-56.57	28.28	0.00290	-60.10	24.75	0.00237
-63.64	21.21	0.00199	-70.71	14.14	0.00146
-77.78	7.07	0.00113	-84.85	0.00	0.00089
-91.92	-7.07	0.00072	-98.99	-14.14	0.00059
-106.07	-21.21	0.00049	-113.14	-28.28	0.00041
35.36	106.07	0.00031	28.28	98.99	0.00040
21.21	91.92	0.00053	14.14	84.85	0.00072
7.07	77.78	0.00101	0.00	70.71	0.00145
-7.07	63.64	0.00215	-14.14	56.57	0.00327
-17.68	53.03	0.00408	-21.21	49.50	0.00511
-23.33	47.38	0.00586	-24.75	45.96	0.00642
-26.16	44.55	0.00704	-27.58	43.13	0.00773
-28.99	41.72	0.00850	-41.72	28.99	0.00529

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00465	-44.55	26.16	0.00416
-45.96	24.75	0.00376	-47.38	23.33	0.00343
-49.50	21.21	0.00302	-53.03	17.68	0.00249
-56.57	14.14	0.00209	-63.64	7.07	0.00154
-70.71	0.00	0.00118	-77.78	-7.07	0.00094
-84.85	-14.14	0.00076	-91.92	-21.21	0.00062
-98.99	-28.28	0.00052	-106.07	-35.36	0.00044
42.43	98.99	0.00035	35.36	91.92	0.00045
28.28	84.85	0.00060	21.21	77.78	0.00081
14.14	70.71	0.00113	7.07	63.64	0.00160
0.00	56.57	0.00232	-7.07	49.50	0.00346
-10.61	45.96	0.00426	-14.14	42.43	0.00527

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 91  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00600	-17.68	38.89	0.00654
-19.09	37.48	0.00712	-20.51	36.06	0.00776
-21.92	34.65	0.00844	-34.65	21.92	0.00523
-36.06	20.51	0.00466	-37.48	19.09	0.00419
-38.89	17.68	0.00381	-40.31	16.26	0.00349
-42.43	14.14	0.00309	-45.96	10.61	0.00256
-49.50	7.07	0.00216	-56.57	0.00	0.00160
-63.64	-7.07	0.00123	-70.71	-14.14	0.00097
-77.78	-21.21	0.00078	-84.85	-28.28	0.00064
-91.92	-35.36	0.00054	-98.99	-42.43	0.00045
49.50	91.92	0.00039	42.43	84.85	0.00051
35.36	77.78	0.00067	28.28	70.71	0.00090
21.21	63.64	0.00123	14.14	56.57	0.00172
7.07	49.50	0.00245	0.00	42.43	0.00356
-3.54	38.89	0.00431	-7.07	35.36	0.00521
-9.19	33.23	0.00581	-10.61	31.82	0.00623
-12.02	30.41	0.00664	-13.44	28.99	0.00703
-14.85	27.58	0.00736	-27.58	14.85	0.00482
-28.99	13.44	0.00441	-30.41	12.02	0.00403
-31.82	10.61	0.00370	-33.23	9.19	0.00341
-35.36	7.07	0.00304	-38.89	3.54	0.00255
-42.43	0.00	0.00216	-49.50	-7.07	0.00160



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00123	-63.64	-21.21	0.00097
-70.71	-28.28	0.00079	-77.78	-35.36	0.00065
-84.85	-42.43	0.00054	-91.92	-49.50	0.00046
56.57	84.85	0.00043	49.50	77.78	0.00056
42.43	70.71	0.00073	35.36	63.64	0.00097
28.28	56.57	0.00131	21.21	49.50	0.00180
14.14	42.43	0.00250	7.07	35.36	0.00350
3.54	31.82	0.00412	0.00	28.28	0.00480
-2.12	26.16	0.00520	-3.54	24.75	0.00546
-4.95	23.33	0.00569	-6.36	21.92	0.00588
-7.78	20.51	0.00602	-20.51	7.78	0.00426
-21.92	6.36	0.00397	-23.33	4.95	0.00370
-24.75	3.54	0.00344	-26.16	2.12	0.00321
-28.28	0.00	0.00290	-31.82	-3.54	0.00246
-35.36	-7.07	0.00211	-42.43	-14.14	0.00158
-49.50	-21.21	0.00122	-56.57	-28.28	0.00097
-63.64	-35.36	0.00078	-70.71	-42.43	0.00065
-77.78	-49.50	0.00054	-84.85	-56.57	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00047	56.57	70.71	0.00060
49.50	63.64	0.00078	42.43	56.57	0.00103
35.36	49.50	0.00136	28.28	42.43	0.00183
21.21	35.36	0.00247	14.14	28.28	0.00330
10.61	24.75	0.00376	7.07	21.21	0.00422
4.95	19.09	0.00448	3.54	17.68	0.00463
2.12	16.26	0.00475	0.71	14.85	0.00485
-0.71	13.44	0.00490	-13.44	0.71	0.00366
-14.85	-0.71	0.00346	-16.26	-2.12	0.00327
-17.68	-3.54	0.00309	-19.09	-4.95	0.00292
-21.21	-7.07	0.00267	-24.75	-10.61	0.00231
-28.28	-14.14	0.00201	-35.36	-21.21	0.00153
-42.43	-28.28	0.00120	-49.50	-35.36	0.00095
-56.57	-42.43	0.00077	-63.64	-49.50	0.00064
-70.71	-56.57	0.00054	-77.78	-63.64	0.00046
70.71	70.71	0.00051	63.64	63.64	0.00064

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00083	49.50	49.50	0.00107
42.43	42.43	0.00139	35.36	35.36	0.00182
28.28	28.28	0.00236	21.21	21.21	0.00300
17.68	17.68	0.00334	14.14	14.14	0.00365
12.02	12.02	0.00381	10.61	10.61	0.00390
9.19	9.19	0.00396	7.78	7.78	0.00400
6.36	6.36	0.00402	-6.36	-6.36	0.00313
-7.78	-7.78	0.00299	-9.19	-9.19	0.00285
-10.61	-10.61	0.00272	-12.02	-12.02	0.00259
-14.14	-14.14	0.00241	-17.68	-17.68	0.00213
-21.21	-21.21	0.00188	-28.28	-28.28	0.00146
-35.36	-35.36	0.00116	-42.43	-42.43	0.00093
-49.50	-49.50	0.00076	-56.57	-56.57	0.00063
-63.64	-63.64	0.00053	-70.71	-70.71	0.00045
77.78	63.64	0.00054	70.71	56.57	0.00068
63.64	49.50	0.00085	56.57	42.43	0.00109
49.50	35.36	0.00138	42.43	28.28	0.00175
35.36	21.21	0.00220	28.28	14.14	0.00269
24.75	10.61	0.00294	21.21	7.07	0.00314
19.09	4.95	0.00324	17.68	3.54	0.00329
16.26	2.12	0.00332	14.85	0.71	0.00334
13.44	-0.71	0.00333	0.71	-13.44	0.00267
-0.71	-14.85	0.00257	-2.12	-16.26	0.00247
-3.54	-17.68	0.00237	-4.95	-19.09	0.00228

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00215	-10.61	-24.75	0.00193
-14.14	-28.28	0.00173	-21.21	-35.36	0.00138
-28.28	-42.43	0.00111	-35.36	-49.50	0.00090
-42.43	-56.57	0.00074	-49.50	-63.64	0.00062
-56.57	-70.71	0.00053	-63.64	-77.78	0.00045
84.85	56.57	0.00056	77.78	49.50	0.00070
70.71	42.43	0.00087	63.64	35.36	0.00108
56.57	28.28	0.00135	49.50	21.21	0.00166
42.43	14.14	0.00202	35.36	7.07	0.00240
31.82	3.54	0.00257	28.28	0.00	0.00271

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00277	24.75	-3.54	0.00279
23.33	-4.95	0.00281	21.92	-6.36	0.00281
20.51	-7.78	0.00280	7.78	-20.51	0.00230
6.36	-21.92	0.00223	4.95	-23.33	0.00215
3.54	-24.75	0.00208	2.12	-26.16	0.00200
0.00	-28.28	0.00190	-3.54	-31.82	0.00173
-7.07	-35.36	0.00158	-14.14	-42.43	0.00129
-21.21	-49.50	0.00105	-28.28	-56.57	0.00086
-35.36	-63.64	0.00072	-42.43	-70.71	0.00061
-49.50	-77.78	0.00052	-56.57	-84.85	0.00044
91.92	49.50	0.00058	84.85	42.43	0.00071
77.78	35.36	0.00087	70.71	28.28	0.00106
63.64	21.21	0.00129	56.57	14.14	0.00156
49.50	7.07	0.00185	42.43	0.00	0.00213
38.89	-3.54	0.00225	35.36	-7.07	0.00234
33.23	-9.19	0.00238	31.82	-10.61	0.00239
30.41	-12.02	0.00240	28.99	-13.44	0.00239
27.58	-14.85	0.00238	14.85	-27.58	0.00199
13.44	-28.99	0.00194	12.02	-30.41	0.00188
10.61	-31.82	0.00182	9.19	-33.23	0.00176
7.07	-35.36	0.00168	3.54	-38.89	0.00155
0.00	-42.43	0.00143	-7.07	-49.50	0.00120
-14.14	-56.57	0.00100	-21.21	-63.64	0.00083
-28.28	-70.71	0.00069	-35.36	-77.78	0.00059
-42.43	-84.85	0.00050	-49.50	-91.92	0.00043
98.99	42.43	0.00059	91.92	35.36	0.00071
84.85	28.28	0.00086	77.78	21.21	0.00103
70.71	14.14	0.00123	63.64	7.07	0.00145
56.57	0.00	0.00168	49.50	-7.07	0.00190
45.96	-10.61	0.00198	42.43	-14.14	0.00204

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00206	38.89	-17.68	0.00206
37.48	-19.09	0.00206	36.06	-20.51	0.00206
34.65	-21.92	0.00205	21.92	-34.65	0.00174
20.51	-36.06	0.00170	19.09	-37.48	0.00165

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00161	16.26	-40.31	0.00156
14.14	-42.43	0.00149	10.61	-45.96	0.00139
7.07	-49.50	0.00129	0.00	-56.57	0.00111
-7.07	-63.64	0.00094	-14.14	-70.71	0.00079
-21.21	-77.78	0.00066	-28.28	-84.85	0.00056
-35.36	-91.92	0.00049	-42.43	-98.99	0.00042
106.07	35.36	0.00059	98.99	28.28	0.00071
91.92	21.21	0.00084	84.85	14.14	0.00099
77.78	7.07	0.00116	70.71	0.00	0.00134
63.64	-7.07	0.00153	56.57	-14.14	0.00169
53.03	-17.68	0.00175	49.50	-21.21	0.00179
47.38	-23.33	0.00180	45.96	-24.75	0.00180
44.55	-26.16	0.00180	43.13	-27.58	0.00179
41.72	-28.99	0.00178	28.99	-41.72	0.00153
27.58	-43.13	0.00150	26.16	-44.55	0.00146
24.75	-45.96	0.00142	23.33	-47.38	0.00139
21.21	-49.50	0.00133	17.68	-53.03	0.00125
14.14	-56.57	0.00117	7.07	-63.64	0.00102
0.00	-70.71	0.00088	-7.07	-77.78	0.00075
-14.14	-84.85	0.00064	-21.21	-91.92	0.00054
-28.28	-98.99	0.00047	-35.36	-106.07	0.00041
113.14	28.28	0.00059	106.07	21.21	0.00069
98.99	14.14	0.00081	91.92	7.07	0.00094
84.85	0.00	0.00108	77.78	-7.07	0.00124
70.71	-14.14	0.00139	63.64	-21.21	0.00151
60.10	-24.75	0.00155	56.57	-28.28	0.00158
54.45	-30.41	0.00158	53.03	-31.82	0.00158
51.62	-33.23	0.00158	50.20	-34.65	0.00157
48.79	-36.06	0.00156	36.06	-48.79	0.00136
34.65	-50.20	0.00133	33.23	-51.62	0.00130
31.82	-53.03	0.00127	30.41	-54.45	0.00124
28.28	-56.57	0.00120	24.75	-60.10	0.00113
21.21	-63.64	0.00106	14.14	-70.71	0.00094
7.07	-77.78	0.00082	0.00	-84.85	0.00071
-7.07	-91.92	0.00061	-14.14	-98.99	0.00052
-21.21	-106.07	0.00045	-28.28	-113.14	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00058	113.14	14.14	0.00067
106.07	7.07	0.00077	98.99	0.00	0.00089
91.92	-7.07	0.00102	84.85	-14.14	0.00115
77.78	-21.21	0.00126	70.71	-28.28	0.00136
67.18	-31.82	0.00138	63.64	-35.36	0.00140
61.52	-37.48	0.00140	60.10	-38.89	0.00140
58.69	-40.31	0.00139	57.28	-41.72	0.00139
55.86	-43.13	0.00138	43.13	-55.86	0.00121
41.72	-57.28	0.00119	40.31	-58.69	0.00116
38.89	-60.10	0.00114	37.48	-61.52	0.00112
35.36	-63.64	0.00108	31.82	-67.18	0.00102
28.28	-70.71	0.00096	21.21	-77.78	0.00086
14.14	-84.85	0.00076	7.07	-91.92	0.00067
0.00	-98.99	0.00058	-7.07	-106.07	0.00050
-14.14	-113.14	0.00044	-21.21	-120.21	0.00039
127.28	14.14	0.00057	120.21	7.07	0.00065
113.14	0.00	0.00074	106.07	-7.07	0.00084
98.99	-14.14	0.00095	91.92	-21.21	0.00106
84.85	-28.28	0.00115	77.78	-35.36	0.00122
74.25	-38.89	0.00124	70.71	-42.43	0.00125
68.59	-44.55	0.00125	67.18	-45.96	0.00125
65.76	-47.38	0.00124	64.35	-48.79	0.00123
62.93	-50.20	0.00123	50.20	-62.93	0.00109
48.79	-64.35	0.00107	47.38	-65.76	0.00105
45.96	-67.18	0.00103	44.55	-68.59	0.00101
42.43	-70.71	0.00098	38.89	-74.25	0.00093
35.36	-77.78	0.00088	28.28	-84.85	0.00079
21.21	-91.92	0.00071	14.14	-98.99	0.00063
7.07	-106.07	0.00055	0.00	-113.14	0.00048
-7.07	-120.21	0.00042	-14.14	-127.28	0.00037
134.35	7.07	0.00055	127.28	0.00	0.00062
120.21	-7.07	0.00071	113.14	-14.14	0.00080
106.07	-21.21	0.00089	98.99	-28.28	0.00098
91.92	-35.36	0.00105	84.85	-42.43	0.00110
81.32	-45.96	0.00112	77.78	-49.50	0.00112
75.66	-51.62	0.00112	74.25	-53.03	0.00112
72.83	-54.45	0.00111	71.42	-55.86	0.00111
70.00	-57.28	0.00110	57.28	-70.00	0.00098
55.86	-71.42	0.00097	54.45	-72.83	0.00095
53.03	-74.25	0.00093	51.62	-75.66	0.00091

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00089	45.96	-81.32	0.00085	
42.43	-84.85	0.00081	35.36	-91.92	0.00073	
28.28	-98.99	0.00066	21.21	-106.07	0.00059	
14.14	-113.14	0.00053	7.07	-120.21	0.00046	
0.00	-127.28	0.00041	-7.07	-134.35	0.00036	
141.42	0.00	0.00053	134.35	-7.07	0.00060	
127.28	-14.14	0.00067	120.21	-21.21	0.00075	
113.14	-28.28	0.00083	106.07	-35.36	0.00090	
98.99	-42.43	0.00096	91.92	-49.50	0.00100	
88.39	-53.03	0.00101	84.85	-56.57	0.00101	
82.73	-58.69	0.00101	81.32	-60.10	0.00101	
79.90	-61.52	0.00100	78.49	-62.93	0.00100	
77.07	-64.35	0.00099	64.35	-77.07	0.00089	
62.93	-78.49	0.00088	61.52	-79.90	0.00086	
60.10	-81.32	0.00085	58.69	-82.73	0.00083	
56.57	-84.85	0.00081	53.03	-88.39	0.00078	
49.50	-91.92	0.00074	42.43	-98.99	0.00068	
35.36	-106.07	0.00061	28.28	-113.14	0.00056	
21.21	-120.21	0.00050	14.14	-127.28	0.00044	
7.07	-134.35	0.00040	0.00	-141.42	0.00035	
148.49	-7.07	0.00051	141.42	-14.14	0.00058	
134.35	-21.21	0.00064	127.28	-28.28	0.00071	
120.21	-35.36	0.00078	113.14	-42.43	0.00084	
106.07	-49.50	0.00088	98.99	-56.57	0.00091	
95.46	-60.10	0.00092	91.92	-63.64	0.00092	
89.80	-65.76	0.00092	88.39	-67.18	0.00091	
86.97	-68.59	0.00091	85.56	-70.00	0.00090	
84.15	-71.42	0.00090	71.42	-84.15	0.00081	
70.00	-85.56	0.00080	68.59	-86.97	0.00079	
67.18	-88.39	0.00078	65.76	-89.80	0.00076	
63.64	-91.92	0.00074	60.10	-95.46	0.00071	
56.57	-98.99	0.00068	49.50	-106.07	0.00063	
42.43	-113.14	0.00057	35.36	-120.21	0.00052	
28.28	-127.28	0.00047	21.21	-134.35	0.00043	
14.14	-141.42	0.00038	7.07	-148.49	0.00034	
155.56	-14.14	0.00050	148.49	-21.21	0.00055	

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00061	134.35	-35.36	0.00067
127.28	-42.43	0.00072	120.21	-49.50	0.00077
113.14	-56.57	0.00081	106.07	-63.64	0.00083
102.53	-67.18	0.00084	98.99	-70.71	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00083	95.46	-74.25	0.00083
94.05	-75.66	0.00083	92.63	-77.07	0.00082
91.22	-78.49	0.00082	78.49	-91.22	0.00074
77.07	-92.63	0.00073	75.66	-94.05	0.00072
74.25	-95.46	0.00071	72.83	-96.87	0.00070
70.71	-98.99	0.00069	67.18	-102.53	0.00066
63.64	-106.07	0.00063	56.57	-113.14	0.00058
49.50	-120.21	0.00054	42.43	-127.28	0.00049
35.36	-134.35	0.00045	28.28	-141.42	0.00041
21.21	-148.49	0.00037	14.14	-155.56	0.00033
162.63	-21.21	0.00048	155.56	-28.28	0.00053
148.49	-35.36	0.00058	141.42	-42.43	0.00063
134.35	-49.50	0.00068	127.28	-56.57	0.00072
120.21	-63.64	0.00075	113.14	-70.71	0.00077
109.60	-74.25	0.00077	106.07	-77.78	0.00077
103.94	-79.90	0.00076	102.53	-81.32	0.00076
101.12	-82.73	0.00076	99.70	-84.15	0.00075
98.29	-85.56	0.00075	85.56	-98.29	0.00068
84.15	-99.70	0.00067	82.73	-101.12	0.00066
81.32	-102.53	0.00066	79.90	-103.94	0.00065
77.78	-106.07	0.00063	74.25	-109.60	0.00061
70.71	-113.14	0.00059	63.64	-120.21	0.00054
56.57	-127.28	0.00050	49.50	-134.35	0.00046
42.43	-141.42	0.00042	35.36	-148.49	0.00039
28.28	-155.56	0.00035	21.21	-162.63	0.00032
169.71	-28.28	0.00046	162.63	-35.36	0.00050
155.56	-42.43	0.00055	148.49	-49.50	0.00059
141.42	-56.57	0.00063	134.35	-63.64	0.00067
127.28	-70.71	0.00069	120.21	-77.78	0.00071
116.67	-81.32	0.00071	113.14	-84.85	0.00070

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00070	109.60	-88.39	0.00070
108.19	-89.80	0.00069	106.77	-91.22	0.00069
105.36	-92.63	0.00069	92.63	-105.36	0.00063
91.22	-106.77	0.00062	89.80	-108.19	0.00061
88.39	-109.60	0.00061	86.97	-111.02	0.00060
84.85	-113.14	0.00059	81.32	-116.67	0.00057
77.78	-120.21	0.00054	70.71	-127.28	0.00051
63.64	-134.35	0.00047	56.57	-141.42	0.00044
49.50	-148.49	0.00040	42.43	-155.56	0.00037
35.36	-162.63	0.00034	28.28	-169.71	0.00031

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00044	169.71	-42.43	0.00048
162.63	-49.50	0.00052	155.56	-56.57	0.00056
148.49	-63.64	0.00060	141.42	-70.71	0.00062
134.35	-77.78	0.00064	127.28	-84.85	0.00065
123.74	-88.39	0.00065	120.21	-91.92	0.00065
118.09	-94.05	0.00065	116.67	-95.46	0.00064
115.26	-96.87	0.00064	113.84	-98.29	0.00064
112.43	-99.70	0.00063	99.70	-112.43	0.00058
98.29	-113.84	0.00058	96.87	-115.26	0.00057
95.46	-116.67	0.00056	94.05	-118.09	0.00055
91.92	-120.21	0.00054	88.39	-123.74	0.00053
84.85	-127.28	0.00051	77.78	-134.35	0.00047
70.71	-141.42	0.00044	63.64	-148.49	0.00041
56.57	-155.56	0.00038	49.50	-162.63	0.00035
42.43	-169.71	0.00032	35.36	-176.78	0.00030
183.85	-42.43	0.00042	176.78	-49.50	0.00046
169.71	-56.57	0.00050	162.63	-63.64	0.00053
155.56	-70.71	0.00056	148.49	-77.78	0.00058
141.42	-84.85	0.00060	134.35	-91.92	0.00060
130.81	-95.46	0.00060	127.28	-98.99	0.00060
125.16	-101.12	0.00060	123.74	-102.53	0.00059
122.33	-103.94	0.00059	120.92	-105.36	0.00059
119.50	-106.77	0.00059	106.77	-119.50	0.00054
105.36	-120.92	0.00053	103.94	-122.33	0.00053



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00052	101.12	-125.16	0.00052
98.99	-127.28	0.00051	95.46	-130.81	0.00049
91.92	-134.35	0.00047	84.85	-141.42	0.00044
77.78	-148.49	0.00041	70.71	-155.56	0.00039
63.64	-162.63	0.00036	56.57	-169.71	0.00034
49.50	-176.78	0.00031	42.43	-183.85	0.00028
190.92	-49.50	0.00041	183.85	-56.57	0.00044
176.78	-63.64	0.00047	169.71	-70.71	0.00050
162.63	-77.78	0.00052	155.56	-84.85	0.00054
148.49	-91.92	0.00056	141.42	-98.99	0.00056
137.89	-102.53	0.00056	134.35	-106.07	0.00056
132.23	-108.19	0.00055	130.81	-109.60	0.00055
129.40	-111.02	0.00055	127.99	-112.43	0.00055
126.57	-113.84	0.00054	113.84	-126.57	0.00050
112.43	-127.99	0.00050	111.02	-129.40	0.00049
109.60	-130.81	0.00049	108.19	-132.23	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00047	102.53	-137.89	0.00046
98.99	-141.42	0.00044	91.92	-148.49	0.00042
84.85	-155.56	0.00039	77.78	-162.63	0.00037
70.71	-169.71	0.00034	63.64	-176.78	0.00032
56.57	-183.85	0.00030	49.50	-190.92	0.00027
197.99	-56.57	0.00039	190.92	-63.64	0.00042
183.85	-70.71	0.00045	176.78	-77.78	0.00047
169.71	-84.85	0.00049	162.63	-91.92	0.00051
155.56	-98.99	0.00052	148.49	-106.07	0.00052
144.96	-109.60	0.00052	141.42	-113.14	0.00052
139.30	-115.26	0.00052	137.89	-116.67	0.00051
136.47	-118.09	0.00051	135.06	-119.50	0.00051
133.64	-120.92	0.00051	120.92	-133.64	0.00047
119.50	-135.06	0.00047	118.09	-136.47	0.00046
116.67	-137.89	0.00046	115.26	-139.30	0.00045
113.14	-141.42	0.00044	109.60	-144.96	0.00043
106.07	-148.49	0.00042	98.99	-155.56	0.00039
91.92	-162.63	0.00037	84.85	-169.71	0.00035

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00032	70.71	-183.85	0.00030
63.64	-190.92	0.00028	56.57	-197.99	0.00026
205.06	-63.64	0.00037	197.99	-70.71	0.00040
190.92	-77.78	0.00042	183.85	-84.85	0.00045
176.78	-91.92	0.00046	169.71	-98.99	0.00048
162.63	-106.07	0.00049	155.56	-113.14	0.00049
152.03	-116.67	0.00049	148.49	-120.21	0.00048
146.37	-122.33	0.00048	144.96	-123.74	0.00048
143.54	-125.16	0.00048	142.13	-126.57	0.00047
140.71	-127.99	0.00047	127.99	-140.71	0.00044
126.57	-142.13	0.00044	125.16	-143.54	0.00043
123.74	-144.96	0.00043	122.33	-146.37	0.00042
120.21	-148.49	0.00042	116.67	-152.03	0.00040
113.14	-155.56	0.00039	106.07	-162.63	0.00037
98.99	-169.71	0.00035	91.92	-176.78	0.00033
84.85	-183.85	0.00031	77.78	-190.92	0.00029
70.71	-197.99	0.00027	63.64	-205.06	0.00025
212.13	-70.71	0.00036	205.06	-77.78	0.00038
197.99	-84.85	0.00040	190.92	-91.92	0.00042
183.85	-98.99	0.00044	176.78	-106.07	0.00045
169.71	-113.14	0.00046	162.63	-120.21	0.00046
159.10	-123.74	0.00046	155.56	-127.28	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00045	152.03	-130.81	0.00045
150.61	-132.23	0.00045	149.20	-133.64	0.00044
147.79	-135.06	0.00044	135.06	-147.79	0.00041
133.64	-149.20	0.00041	132.23	-150.61	0.00041
130.81	-152.03	0.00040	129.40	-153.44	0.00040
127.28	-155.56	0.00039	123.74	-159.10	0.00038
120.21	-162.63	0.00037	113.14	-169.71	0.00035
106.07	-176.78	0.00033	98.99	-183.85	0.00031
91.92	-190.92	0.00029	84.85	-197.99	0.00028
77.78	-205.06	0.00026	70.71	-212.13	0.00024
219.20	-77.78	0.00034	212.13	-84.85	0.00037
205.06	-91.92	0.00038	197.99	-98.99	0.00040

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00041	183.85	-113.14	0.00042
176.78	-120.21	0.00043	169.71	-127.28	0.00043
166.17	-130.81	0.00043	162.63	-134.35	0.00042
160.51	-136.47	0.00042	159.10	-137.89	0.00042
157.68	-139.30	0.00042	156.27	-140.71	0.00042
154.86	-142.13	0.00041	142.13	-154.86	0.00039
140.71	-156.27	0.00038	139.30	-157.68	0.00038
137.89	-159.10	0.00038	136.47	-160.51	0.00037
134.35	-162.63	0.00037	130.81	-166.17	0.00036
127.28	-169.71	0.00035	120.21	-176.78	0.00033
113.14	-183.85	0.00031	106.07	-190.92	0.00030
98.99	-197.99	0.00028	91.92	-205.06	0.00026
84.85	-212.13	0.00025	77.78	-219.20	0.00023
226.27	-84.85	0.00033	219.20	-91.92	0.00035
212.13	-98.99	0.00037	205.06	-106.07	0.00038
197.99	-113.14	0.00039	190.92	-120.21	0.00040
183.85	-127.28	0.00040	176.78	-134.35	0.00040
173.24	-137.89	0.00040	169.71	-141.42	0.00040
167.58	-143.54	0.00040	166.17	-144.96	0.00039
164.76	-146.37	0.00039	163.34	-147.79	0.00039
161.93	-149.20	0.00039	149.20	-161.93	0.00037
147.79	-163.34	0.00036	146.37	-164.76	0.00036
144.96	-166.17	0.00036	143.54	-167.58	0.00035
141.42	-169.71	0.00035	137.89	-173.24	0.00034
134.35	-176.78	0.00033	127.28	-183.85	0.00031
120.21	-190.92	0.00030	113.14	-197.99	0.00028
106.07	-205.06	0.00027	98.99	-212.13	0.00025
91.92	-219.20	0.00024	84.85	-226.27	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 101

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00032	226.27	-98.99	0.00033
219.20	-106.07	0.00035	212.13	-113.14	0.00036
205.06	-120.21	0.00037	197.99	-127.28	0.00038
190.92	-134.35	0.00038	183.85	-141.42	0.00038
180.31	-144.96	0.00038	176.78	-148.49	0.00038
174.66	-150.61	0.00037	173.24	-152.03	0.00037

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00037	170.41	-154.86	0.00037
169.00	-156.27	0.00037	156.27	-169.00	0.00034
154.86	-170.41	0.00034	153.44	-171.83	0.00034
152.03	-173.24	0.00034	150.61	-174.66	0.00033
148.49	-176.78	0.00033	144.96	-180.31	0.00032
141.42	-183.85	0.00031	134.35	-190.92	0.00030
127.28	-197.99	0.00028	120.21	-205.06	0.00027
113.14	-212.13	0.00025	106.07	-219.20	0.00024
98.99	-226.27	0.00023	91.92	-233.35	0.00022
240.42	-98.99	0.00030	233.35	-106.07	0.00032
226.27	-113.14	0.00033	219.20	-120.21	0.00034
212.13	-127.28	0.00035	205.06	-134.35	0.00036
197.99	-141.42	0.00036	190.92	-148.49	0.00036
187.38	-152.03	0.00036	183.85	-155.56	0.00035
181.73	-157.68	0.00035	180.31	-159.10	0.00035
178.90	-160.51	0.00035	177.48	-161.93	0.00035
176.07	-163.34	0.00035	163.34	-176.07	0.00033
161.93	-177.48	0.00032	160.51	-178.90	0.00032
159.10	-180.31	0.00032	157.68	-181.73	0.00032
155.56	-183.85	0.00031	152.03	-187.38	0.00030
148.49	-190.92	0.00030	141.42	-197.99	0.00028
134.35	-205.06	0.00027	127.28	-212.13	0.00026
120.21	-219.20	0.00024	113.14	-226.27	0.00023
106.07	-233.35	0.00022	98.99	-240.42	0.00021
247.49	-106.07	0.00029	240.42	-113.14	0.00031
233.35	-120.21	0.00032	226.27	-127.28	0.00033
219.20	-134.35	0.00033	212.13	-141.42	0.00034
205.06	-148.49	0.00034	197.99	-155.56	0.00034
194.45	-159.10	0.00034	190.92	-162.63	0.00033
188.80	-164.76	0.00033	187.38	-166.17	0.00033
185.97	-167.58	0.00033	184.55	-169.00	0.00033
183.14	-170.41	0.00033	170.41	-183.14	0.00031
169.00	-184.55	0.00031	167.58	-185.97	0.00030
166.17	-187.38	0.00030	164.76	-188.80	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 102  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00034	-240.42	98.99	0.00028
-91.92	233.35	0.00015	-98.99	226.27	0.00017
-106.07	219.20	0.00021	-113.14	212.13	0.00025
-120.21	205.06	0.00031	-127.28	197.99	0.00039
-134.35	190.92	0.00051	-141.42	183.85	0.00072
-144.96	180.31	0.00087	-148.49	176.78	0.00107
-150.61	174.66	0.00122	-152.03	173.24	0.00133
-153.44	171.83	0.00147	-154.86	170.41	0.00162
-156.27	169.00	0.00180	-169.00	156.27	0.00236
-170.41	154.86	0.00222	-171.83	153.44	0.00208
-173.24	152.03	0.00196	-174.66	150.61	0.00185

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00169	-180.31	144.96	0.00147
-183.85	141.42	0.00128	-190.92	134.35	0.00099
-197.99	127.28	0.00078	-205.06	120.21	0.00062
-212.13	113.14	0.00050	-219.20	106.07	0.00040
-226.27	99.00	0.00033	-233.35	91.92	0.00028
-84.85	226.27	0.00016	-91.92	219.20	0.00019
-98.99	212.13	0.00022	-106.07	205.06	0.00027
-113.14	197.99	0.00033	-120.21	190.92	0.00042
-127.28	183.85	0.00056	-134.35	176.78	0.00079
-137.89	173.24	0.00097	-141.42	169.71	0.00120
-143.54	167.58	0.00138	-144.96	166.17	0.00152
-146.37	164.76	0.00169	-147.79	163.34	0.00190
-149.20	161.93	0.00217	-161.93	149.20	0.00264
-163.34	147.79	0.00242	-164.76	146.37	0.00225
-166.17	144.96	0.00210	-167.58	143.54	0.00196
-169.71	141.42	0.00178	-173.24	137.89	0.00153
-176.78	134.35	0.00133	-183.85	127.28	0.00102
-190.92	120.21	0.00079	-197.99	113.14	0.00062
-205.06	106.07	0.00050	-212.13	99.00	0.00041
-219.20	91.92	0.00034	-226.27	84.85	0.00028
-77.78	219.20	0.00017	-84.85	212.13	0.00020
-91.92	205.06	0.00024	-98.99	197.99	0.00029
-106.07	190.92	0.00036	-113.14	183.85	0.00047

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00063	-127.28	169.71	0.00092
-130.81	166.17	0.00115	-134.35	162.63	0.00150
-136.47	160.51	0.00181	-137.89	159.10	0.00207
-139.30	157.68	0.00241	-140.71	156.27	0.00286
-142.13	154.86	0.00346	-154.86	142.13	0.00317
-156.27	140.71	0.00281	-157.68	139.30	0.00255
-159.10	137.89	0.00234	-160.51	136.47	0.00216
-162.63	134.35	0.00194	-166.17	130.81	0.00164
-169.71	127.28	0.00141	-176.78	120.21	0.00107
-183.85	113.14	0.00083	-190.92	106.07	0.00065
-197.99	99.00	0.00052	-205.06	91.92	0.00042
-212.13	84.85	0.00035	-219.20	77.78	0.00029
-70.71	212.13	0.00018	-77.78	205.06	0.00021
-84.85	197.99	0.00026	-91.92	190.92	0.00032
-98.99	183.85	0.00041	-106.07	176.78	0.00054
-113.14	169.71	0.00075	-120.21	162.63	0.00116
-123.74	159.10	0.00152	-127.28	155.56	0.00209

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00259	-130.81	152.03	0.00301
-132.23	150.61	0.00353	-133.64	149.20	0.00415
-135.06	147.79	0.00494	-147.79	135.06	0.00383
-149.20	133.64	0.00333	-150.61	132.23	0.00295
-152.03	130.81	0.00266	-153.44	129.40	0.00242
-155.56	127.28	0.00214	-159.10	123.74	0.00178
-162.63	120.21	0.00151	-169.71	113.14	0.00113
-176.78	106.07	0.00086	-183.85	98.99	0.00068
-190.92	91.92	0.00054	-197.99	84.85	0.00044
-205.06	77.78	0.00037	-212.13	70.71	0.00031
-63.64	205.06	0.00019	-70.71	197.99	0.00023
-77.78	190.92	0.00029	-84.85	183.85	0.00036
-91.92	176.78	0.00047	-98.99	169.71	0.00063
-106.07	162.63	0.00093	-113.14	155.56	0.00152
-116.67	152.03	0.00203	-120.21	148.49	0.00279
-122.33	146.37	0.00343	-123.74	144.96	0.00394
-125.16	143.54	0.00456	-126.57	142.13	0.00528

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00615	-140.71	127.99	0.00445
-142.13	126.57	0.00385	-143.54	125.16	0.00339
-144.96	123.74	0.00302	-146.37	122.33	0.00272
-148.49	120.21	0.00236	-152.03	116.67	0.00193
-155.56	113.14	0.00162	-162.63	106.07	0.00118
-169.71	98.99	0.00090	-176.78	91.92	0.00071
-183.85	84.85	0.00057	-190.92	77.78	0.00047
-197.99	70.71	0.00039	-205.06	63.64	0.00033
-56.57	197.99	0.00021	-63.64	190.92	0.00026
-70.71	183.85	0.00032	-77.78	176.78	0.00041
-84.85	169.71	0.00055	-91.92	162.63	0.00077
-98.99	155.56	0.00117	-106.07	148.49	0.00193
-109.60	144.96	0.00256	-113.14	141.42	0.00345
-115.26	139.30	0.00416	-116.67	137.89	0.00473
-118.09	136.47	0.00539	-119.50	135.06	0.00615
-120.92	133.64	0.00705	-133.64	120.92	0.00493
-135.06	119.50	0.00427	-136.47	118.09	0.00375
-137.89	116.67	0.00333	-139.30	115.26	0.00299
-141.42	113.14	0.00258	-144.96	109.60	0.00207
-148.49	106.07	0.00171	-155.56	98.99	0.00124
-162.63	91.92	0.00094	-169.71	84.85	0.00074
-176.78	77.78	0.00060	-183.85	70.71	0.00050
-190.92	63.64	0.00042	-197.99	56.57	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00023	-56.57	183.85	0.00029
-63.64	176.78	0.00036	-70.71	169.71	0.00047
-77.78	162.63	0.00065	-84.85	155.56	0.00094
-91.92	148.49	0.00144	-98.99	141.42	0.00234
-102.53	137.89	0.00304	-106.07	134.35	0.00401
-108.19	132.23	0.00476	-109.60	130.81	0.00535
-111.02	129.40	0.00602	-112.43	127.99	0.00678
-113.84	126.57	0.00768	-126.57	113.84	0.00525
-127.99	112.43	0.00455	-129.40	111.02	0.00400
-130.81	109.60	0.00355	-132.23	108.19	0.00318
-134.35	106.07	0.00273	-137.89	102.53	0.00218



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00179	-148.49	91.92	0.00130
-155.56	84.85	0.00100	-162.63	77.78	0.00079
-169.71	70.71	0.00064	-176.78	63.64	0.00053
-183.85	56.57	0.00044	-190.92	49.50	0.00038
-42.43	183.85	0.00026	-49.50	176.78	0.00032
-56.57	169.71	0.00041	-63.64	162.63	0.00055
-70.71	155.56	0.00076	-77.78	148.49	0.00111
-84.85	141.42	0.00170	-91.92	134.35	0.00270
-95.46	130.81	0.00346	-98.99	127.28	0.00447
-101.12	125.16	0.00523	-102.53	123.74	0.00582
-103.94	122.33	0.00647	-105.36	120.92	0.00722
-106.77	119.50	0.00809	-119.50	106.77	0.00539
-120.92	105.36	0.00467	-122.33	103.94	0.00411
-123.74	102.53	0.00366	-125.16	101.12	0.00328
-127.28	98.99	0.00283	-130.81	95.46	0.00227
-134.35	91.92	0.00188	-141.42	84.85	0.00137
-148.49	77.78	0.00106	-155.56	70.71	0.00084
-162.63	63.64	0.00068	-169.71	56.57	0.00056
-176.78	49.50	0.00047	-183.85	42.43	0.00039
-35.36	176.78	0.00028	-42.43	169.71	0.00036
-49.50	162.63	0.00047	-56.57	155.56	0.00063
-63.64	148.49	0.00089	-70.71	141.42	0.00129
-77.78	134.35	0.00194	-84.85	127.28	0.00302
-88.39	123.74	0.00381	-91.92	120.21	0.00484
-94.05	118.09	0.00560	-95.46	116.67	0.00617
-96.87	115.26	0.00680	-98.29	113.84	0.00752
-99.70	112.43	0.00834	-112.43	99.70	0.00537
-113.84	98.29	0.00466	-115.26	96.87	0.00412
-116.67	95.46	0.00369	-118.09	94.05	0.00333

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00290	-123.74	88.39	0.00237
-127.28	84.85	0.00199	-134.35	77.78	0.00146
-141.42	70.71	0.00113	-148.49	63.64	0.00089
-155.56	56.57	0.00072	-162.63	49.50	0.00059
-169.71	42.43	0.00049	-176.78	35.36	0.00041

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00031	-35.36	162.63	0.00040
-42.43	155.56	0.00053	-49.50	148.49	0.00072
-56.57	141.42	0.00101	-63.64	134.35	0.00145
-70.71	127.28	0.00215	-77.78	120.21	0.00327
-81.32	116.67	0.00408	-84.85	113.14	0.00511
-86.97	111.02	0.00586	-88.39	109.60	0.00642
-89.80	108.19	0.00704	-91.22	106.77	0.00773
-92.63	105.36	0.00850	-105.36	92.63	0.00529
-106.77	91.22	0.00465	-108.19	89.80	0.00416
-109.60	88.39	0.00376	-111.02	86.97	0.00343
-113.14	84.85	0.00302	-116.67	81.32	0.00249
-120.21	77.78	0.00209	-127.28	70.71	0.00154
-134.35	63.64	0.00118	-141.42	56.57	0.00094
-148.49	49.50	0.00076	-155.56	42.43	0.00062
-162.63	35.36	0.00052	-169.71	28.28	0.00044
-21.21	162.63	0.00035	-28.28	155.56	0.00045
-35.36	148.49	0.00060	-42.43	141.42	0.00081
-49.50	134.35	0.00113	-56.57	127.28	0.00160
-63.64	120.21	0.00232	-70.71	113.14	0.00346
-74.25	109.60	0.00426	-77.78	106.07	0.00527
-79.90	103.94	0.00600	-81.32	102.53	0.00654
-82.73	101.12	0.00712	-84.15	99.70	0.00776
-85.56	98.29	0.00844	-98.29	85.56	0.00523
-99.70	84.15	0.00466	-101.12	82.73	0.00419
-102.53	81.32	0.00381	-103.94	79.90	0.00349
-106.07	77.78	0.00309	-109.60	74.25	0.00256
-113.14	70.71	0.00216	-120.21	63.64	0.00160
-127.28	56.57	0.00123	-134.35	49.50	0.00097
-141.42	42.43	0.00078	-148.49	35.36	0.00064
-155.56	28.28	0.00054	-162.63	21.21	0.00045
-14.14	155.56	0.00039	-21.21	148.49	0.00051
-28.28	141.42	0.00067	-35.36	134.35	0.00090
-42.43	127.28	0.00123	-49.50	120.21	0.00172
-56.57	113.14	0.00245	-63.64	106.07	0.00356
-67.18	102.53	0.00431	-70.71	98.99	0.00521

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00581	-74.25	95.46	0.00623
-75.66	94.05	0.00664	-77.07	92.63	0.00703
-78.49	91.22	0.00736	-91.22	78.49	0.00482
-92.63	77.07	0.00440	-94.05	75.66	0.00403
-95.46	74.25	0.00370	-96.87	72.83	0.00341
-98.99	70.71	0.00304	-102.53	67.18	0.00255
-106.07	63.64	0.00216	-113.14	56.57	0.00160
-120.21	49.50	0.00123	-127.28	42.43	0.00097
-134.35	35.36	0.00079	-141.42	28.28	0.00065
-148.49	21.21	0.00054	-155.56	14.14	0.00046
-7.07	148.49	0.00043	-14.14	141.42	0.00056
-21.21	134.35	0.00073	-28.28	127.28	0.00097
-35.36	120.21	0.00131	-42.43	113.14	0.00180
-49.50	106.07	0.00250	-56.57	98.99	0.00350
-60.10	95.46	0.00412	-63.64	91.92	0.00480
-65.76	89.80	0.00520	-67.18	88.39	0.00546
-68.59	86.97	0.00569	-70.00	85.56	0.00588
-71.42	84.15	0.00602	-84.15	71.42	0.00426
-85.56	70.00	0.00397	-86.97	68.59	0.00370
-88.39	67.18	0.00344	-89.80	65.76	0.00321
-91.92	63.64	0.00290	-95.46	60.10	0.00246
-98.99	56.57	0.00211	-106.07	49.50	0.00158
-113.14	42.43	0.00122	-120.21	35.36	0.00097
-127.28	28.28	0.00078	-134.35	21.21	0.00065
-141.42	14.14	0.00054	-148.49	7.07	0.00046
0.00	141.42	0.00047	-7.07	134.35	0.00060
-14.14	127.28	0.00078	-21.21	120.21	0.00103
-28.28	113.14	0.00136	-35.36	106.07	0.00183
-42.43	98.99	0.00247	-49.50	91.92	0.00330
-53.03	88.39	0.00376	-56.57	84.85	0.00422
-58.69	82.73	0.00448	-60.10	81.32	0.00463
-61.52	79.90	0.00475	-62.93	78.49	0.00485
-64.35	77.07	0.00490	-77.07	64.35	0.00366
-78.49	62.93	0.00346	-79.90	61.52	0.00327
-81.32	60.10	0.00309	-82.73	58.69	0.00292
-84.85	56.57	0.00267	-88.39	53.03	0.00231
-91.92	49.50	0.00201	-98.99	42.43	0.00154
-106.07	35.36	0.00120	-113.14	28.28	0.00095
-120.21	21.21	0.00077	-127.28	14.14	0.00064
-134.35	7.07	0.00054	-141.42	0.00	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00051	0.00	127.28	0.00064
-7.07	120.21	0.00083	-14.14	113.14	0.00107
-21.21	106.07	0.00139	-28.28	98.99	0.00182
-35.36	91.92	0.00236	-42.43	84.85	0.00300
-45.96	81.32	0.00334	-49.50	77.78	0.00365
-51.62	75.66	0.00381	-53.03	74.25	0.00390
-54.45	72.83	0.00396	-55.86	71.42	0.00400
-57.28	70.00	0.00402	-70.00	57.28	0.00313
-71.42	55.86	0.00299	-72.83	54.45	0.00285
-74.25	53.03	0.00272	-75.66	51.62	0.00259
-77.78	49.50	0.00241	-81.32	45.96	0.00213
-84.85	42.43	0.00188	-91.92	35.36	0.00146
-98.99	28.28	0.00116	-106.07	21.21	0.00093
-113.14	14.14	0.00076	-120.21	7.07	0.00063
-127.28	0.00	0.00053	-134.35	-7.07	0.00045
14.14	127.28	0.00054	7.07	120.21	0.00068
0.00	113.14	0.00085	-7.07	106.07	0.00109
-14.14	98.99	0.00138	-21.21	91.92	0.00175
-28.28	84.85	0.00220	-35.36	77.78	0.00269
-38.89	74.25	0.00294	-42.43	70.71	0.00314
-44.55	68.59	0.00324	-45.96	67.18	0.00329
-47.38	65.76	0.00332	-48.79	64.35	0.00334
-50.20	62.93	0.00333	-62.93	50.20	0.00267
-64.35	48.79	0.00257	-65.76	47.38	0.00247
-67.18	45.96	0.00237	-68.59	44.55	0.00228
-70.71	42.43	0.00215	-74.25	38.89	0.00193
-77.78	35.36	0.00173	-84.85	28.28	0.00138
-91.92	21.21	0.00111	-98.99	14.14	0.00090
-106.07	7.07	0.00074	-113.14	0.00	0.00062
-120.21	-7.07	0.00053	-127.28	-14.14	0.00045
21.21	120.21	0.00056	14.14	113.14	0.00070
7.07	106.07	0.00087	0.00	98.99	0.00108
-7.07	91.92	0.00135	-14.14	84.85	0.00166
-21.21	77.78	0.00202	-28.28	70.71	0.00240
-31.82	67.18	0.00257	-35.36	63.64	0.00271
-37.48	61.52	0.00277	-38.89	60.10	0.00279
-40.31	58.69	0.00281	-41.72	57.28	0.00281

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00280	-55.86	43.13	0.00230
-57.28	41.72	0.00223	-58.69	40.31	0.00215
-60.10	38.89	0.00208	-61.52	37.48	0.00200

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00190	-67.18	31.82	0.00173
-70.71	28.28	0.00158	-77.78	21.21	0.00129
-84.85	14.14	0.00105	-91.92	7.07	0.00086
-98.99	0.00	0.00072	-106.07	-7.07	0.00061
-113.14	-14.14	0.00052	-120.21	-21.21	0.00044
28.28	113.14	0.00058	21.21	106.07	0.00071
14.14	98.99	0.00087	7.07	91.92	0.00106
0.00	84.85	0.00129	-7.07	77.78	0.00156
-14.14	70.71	0.00185	-21.21	63.64	0.00213
-24.75	60.10	0.00225	-28.28	56.57	0.00234
-30.41	54.45	0.00238	-31.82	53.03	0.00239
-33.23	51.62	0.00240	-34.65	50.20	0.00239
-36.06	48.79	0.00238	-48.79	36.06	0.00199
-50.20	34.65	0.00194	-51.62	33.23	0.00188
-53.03	31.82	0.00182	-54.45	30.41	0.00176
-56.57	28.28	0.00168	-60.10	24.75	0.00155
-63.64	21.21	0.00143	-70.71	14.14	0.00120
-77.78	7.07	0.00100	-84.85	0.00	0.00083
-91.92	-7.07	0.00069	-98.99	-14.14	0.00059
-106.07	-21.21	0.00050	-113.14	-28.28	0.00043
35.36	106.07	0.00059	28.28	98.99	0.00071
21.21	91.92	0.00086	14.14	84.85	0.00103
7.07	77.78	0.00123	0.00	70.71	0.00145
-7.07	63.64	0.00168	-14.14	56.57	0.00190
-17.68	53.03	0.00198	-21.21	49.50	0.00204
-23.33	47.38	0.00206	-24.75	45.96	0.00206
-26.16	44.55	0.00206	-27.58	43.13	0.00206
-28.99	41.72	0.00205	-41.72	28.99	0.00174
-43.13	27.58	0.00170	-44.55	26.16	0.00165
-45.96	24.75	0.00161	-47.38	23.33	0.00156
-49.50	21.21	0.00149	-53.03	17.68	0.00139

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00129	-63.64	7.07	0.00111
-70.71	0.00	0.00094	-77.78	-7.07	0.00079
-84.85	-14.14	0.00066	-91.92	-21.21	0.00056
-98.99	-28.28	0.00049	-106.07	-35.36	0.00042
42.43	98.99	0.00059	35.36	91.92	0.00071
28.28	84.85	0.00084	21.21	77.78	0.00099
14.14	70.71	0.00116	7.07	63.64	0.00134
0.00	56.57	0.00153	-7.07	49.50	0.00169
-10.61	45.96	0.00175	-14.14	42.43	0.00179

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00180	-17.68	38.89	0.00180
-19.09	37.48	0.00180	-20.51	36.06	0.00179
-21.92	34.65	0.00178	-34.65	21.92	0.00153
-36.06	20.51	0.00150	-37.48	19.09	0.00146
-38.89	17.68	0.00142	-40.31	16.26	0.00139
-42.43	14.14	0.00133	-45.96	10.61	0.00125
-49.50	7.07	0.00117	-56.57	0.00	0.00102
-63.64	-7.07	0.00088	-70.71	-14.14	0.00075
-77.78	-21.21	0.00064	-84.85	-28.28	0.00054
-91.92	-35.36	0.00047	-98.99	-42.43	0.00041
49.50	91.92	0.00059	42.43	84.85	0.00069
35.36	77.78	0.00081	28.28	70.71	0.00094
21.21	63.64	0.00108	14.14	56.57	0.00124
7.07	49.50	0.00139	0.00	42.43	0.00151
-3.54	38.89	0.00155	-7.07	35.36	0.00158
-9.19	33.23	0.00158	-10.61	31.82	0.00158
-12.02	30.41	0.00158	-13.44	28.99	0.00157
-14.85	27.58	0.00156	-27.58	14.85	0.00136
-28.99	13.44	0.00133	-30.41	12.02	0.00130
-31.82	10.61	0.00127	-33.23	9.19	0.00124
-35.36	7.07	0.00120	-38.89	3.54	0.00113
-42.43	0.00	0.00106	-49.50	-7.07	0.00094
-56.57	-14.14	0.00082	-63.64	-21.21	0.00071
-70.71	-28.28	0.00061	-77.78	-35.36	0.00052
-84.85	-42.43	0.00045	-91.92	-49.50	0.00040

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00058	49.50	77.78	0.00067
42.43	70.71	0.00077	35.36	63.64	0.00089
28.28	56.57	0.00102	21.21	49.50	0.00115
14.14	42.43	0.00126	7.07	35.36	0.00136
3.54	31.82	0.00138	0.00	28.28	0.00140
-2.12	26.16	0.00140	-3.54	24.75	0.00140
-4.95	23.33	0.00139	-6.36	21.92	0.00139
-7.78	20.51	0.00138	-20.51	7.78	0.00121
-21.92	6.36	0.00119	-23.33	4.95	0.00116
-24.75	3.54	0.00114	-26.16	2.12	0.00112
-28.28	0.00	0.00108	-31.82	-3.54	0.00102
-35.36	-7.07	0.00096	-42.43	-14.14	0.00086
-49.50	-21.21	0.00076	-56.57	-28.28	0.00067
-63.64	-35.36	0.00058	-70.71	-42.43	0.00050
-77.78	-49.50	0.00044	-84.85	-56.57	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00057	56.57	70.71	0.00065
49.50	63.64	0.00074	42.43	56.57	0.00084
35.36	49.50	0.00095	28.28	42.43	0.00106
21.21	35.36	0.00115	14.14	28.28	0.00122
10.61	24.75	0.00124	7.07	21.21	0.00125
4.95	19.09	0.00125	3.54	17.68	0.00125
2.12	16.26	0.00124	0.71	14.85	0.00123
-0.71	13.44	0.00123	-13.44	0.71	0.00109
-14.85	-0.71	0.00107	-16.26	-2.12	0.00105
-17.68	-3.54	0.00103	-19.09	-4.95	0.00101
-21.21	-7.07	0.00098	-24.75	-10.61	0.00093
-28.28	-14.14	0.00088	-35.36	-21.21	0.00079
-42.43	-28.28	0.00071	-49.50	-35.36	0.00063
-56.57	-42.43	0.00055	-63.64	-49.50	0.00048
-70.71	-56.57	0.00042	-77.78	-63.64	0.00037
70.71	70.71	0.00055	63.64	63.64	0.00062
56.57	56.57	0.00071	49.50	49.50	0.00080
42.43	42.43	0.00089	35.36	35.36	0.00098
28.28	28.28	0.00105	21.21	21.21	0.00110

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00112	14.14	14.14	0.00112
12.02	12.02	0.00112	10.61	10.61	0.00112
9.19	9.19	0.00111	7.78	7.78	0.00111
6.36	6.36	0.00110	-6.36	-6.36	0.00098
-7.78	-7.78	0.00097	-9.19	-9.19	0.00095
-10.61	-10.61	0.00093	-12.02	-12.02	0.00091
-14.14	-14.14	0.00089	-17.68	-17.68	0.00085
-21.21	-21.21	0.00081	-28.28	-28.28	0.00073
-35.36	-35.36	0.00066	-42.43	-42.43	0.00059
-49.50	-49.50	0.00053	-56.57	-56.57	0.00046
-63.64	-63.64	0.00041	-70.71	-70.71	0.00036
77.78	63.64	0.00053	70.71	56.57	0.00060
63.64	49.50	0.00067	56.57	42.43	0.00075
49.50	35.36	0.00083	42.43	28.28	0.00090
35.36	21.21	0.00096	28.28	14.14	0.00100
24.75	10.61	0.00101	21.21	7.07	0.00101
19.09	4.95	0.00101	17.68	3.54	0.00101
16.26	2.12	0.00100	14.85	0.71	0.00100
13.44	-0.71	0.00099	0.71	-13.44	0.00089
-0.71	-14.85	0.00088	-2.12	-16.26	0.00086
-3.54	-17.68	0.00085	-4.95	-19.09	0.00083

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00081	-10.61	-24.75	0.00078
-14.14	-28.28	0.00074	-21.21	-35.36	0.00068
-28.28	-42.43	0.00061	-35.36	-49.50	0.00056
-42.43	-56.57	0.00050	-49.50	-63.64	0.00044
-56.57	-70.71	0.00040	-63.64	-77.78	0.00035
84.85	56.57	0.00051	77.78	49.50	0.00058
70.71	42.43	0.00064	63.64	35.36	0.00071
56.57	28.28	0.00078	49.50	21.21	0.00084
42.43	14.14	0.00088	35.36	7.07	0.00091
31.82	3.54	0.00092	28.28	0.00	0.00092
26.16	-2.12	0.00092	24.75	-3.54	0.00091
23.33	-4.95	0.00091	21.92	-6.36	0.00090
20.51	-7.78	0.00090	7.78	-20.51	0.00081



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00080	4.95	-23.33	0.00079
3.54	-24.75	0.00078	2.12	-26.16	0.00076
0.00	-28.28	0.00074	-3.54	-31.82	0.00071
-7.07	-35.36	0.00068	-14.14	-42.43	0.00063
-21.21	-49.50	0.00057	-28.28	-56.57	0.00052
-35.36	-63.64	0.00047	-42.43	-70.71	0.00043
-49.50	-77.78	0.00038	-56.57	-84.85	0.00034
91.92	49.50	0.00050	84.85	42.43	0.00055
77.78	35.36	0.00061	70.71	28.28	0.00067
63.64	21.21	0.00072	56.57	14.14	0.00077
49.50	7.07	0.00081	42.43	0.00	0.00083
38.89	-3.54	0.00084	35.36	-7.07	0.00084
33.23	-9.19	0.00083	31.82	-10.61	0.00083
30.41	-12.02	0.00083	28.99	-13.44	0.00082
27.58	-14.85	0.00082	14.85	-27.58	0.00074
13.44	-28.99	0.00073	12.02	-30.41	0.00072
10.61	-31.82	0.00071	9.19	-33.23	0.00070
7.07	-35.36	0.00068	3.54	-38.89	0.00066
0.00	-42.43	0.00063	-7.07	-49.50	0.00058
-14.14	-56.57	0.00054	-21.21	-63.64	0.00049
-28.28	-70.71	0.00045	-35.36	-77.78	0.00041
-42.43	-84.85	0.00037	-49.50	-91.92	0.00033
98.99	42.43	0.00048	91.92	35.36	0.00053
84.85	28.28	0.00058	77.78	21.21	0.00063
70.71	14.14	0.00068	63.64	7.07	0.00072
56.57	0.00	0.00075	49.50	-7.07	0.00077
45.96	-10.61	0.00077	42.43	-14.14	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00076	38.89	-17.68	0.00076
37.48	-19.09	0.00076	36.06	-20.51	0.00075
34.65	-21.92	0.00075	21.92	-34.65	0.00068
20.51	-36.06	0.00067	19.09	-37.48	0.00066
17.68	-38.89	0.00066	16.26	-40.31	0.00065
14.14	-42.43	0.00063	10.61	-45.96	0.00061
7.07	-49.50	0.00059	0.00	-56.57	0.00054

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00050	-14.14	-70.71	0.00046
-21.21	-77.78	0.00042	-28.28	-84.85	0.00039
-35.36	-91.92	0.00035	-42.43	-98.99	0.00032
106.07	35.36	0.00046	98.99	28.28	0.00050
91.92	21.21	0.00055	84.85	14.14	0.00059
77.78	7.07	0.00063	70.71	0.00	0.00067
63.64	-7.07	0.00069	56.57	-14.14	0.00071
53.03	-17.68	0.00071	49.50	-21.21	0.00070
47.38	-23.33	0.00070	45.96	-24.75	0.00070
44.55	-26.16	0.00069	43.13	-27.58	0.00069
41.72	-28.99	0.00069	28.99	-41.72	0.00063
27.58	-43.13	0.00062	26.16	-44.55	0.00061
24.75	-45.96	0.00061	23.33	-47.38	0.00060
21.21	-49.50	0.00059	17.68	-53.03	0.00057
14.14	-56.57	0.00054	7.07	-63.64	0.00051
0.00	-70.71	0.00047	-7.07	-77.78	0.00044
-14.14	-84.85	0.00040	-21.21	-91.92	0.00037
-28.28	-98.99	0.00034	-35.36	-106.07	0.00031
113.14	28.28	0.00044	106.07	21.21	0.00048
98.99	14.14	0.00052	91.92	7.07	0.00056
84.85	0.00	0.00060	77.78	-7.07	0.00062
70.71	-14.14	0.00064	63.64	-21.21	0.00065
60.10	-24.75	0.00065	56.57	-28.28	0.00065
54.45	-30.41	0.00065	53.03	-31.82	0.00064
51.62	-33.23	0.00064	50.20	-34.65	0.00064
48.79	-36.06	0.00063	36.06	-48.79	0.00058
34.65	-50.20	0.00058	33.23	-51.62	0.00057
31.82	-53.03	0.00056	30.41	-54.45	0.00055
28.28	-56.57	0.00054	24.75	-60.10	0.00053
21.21	-63.64	0.00051	14.14	-70.71	0.00047
7.07	-77.78	0.00044	0.00	-84.85	0.00041
-7.07	-91.92	0.00038	-14.14	-98.99	0.00035
-21.21	-106.07	0.00032	-28.28	-113.14	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00042	113.14	14.14	0.00046

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00050	98.99	0.00	0.00053
91.92	-7.07	0.00056	84.85	-14.14	0.00058
77.78	-21.21	0.00060	70.71	-28.28	0.00060
67.18	-31.82	0.00060	63.64	-35.36	0.00060
61.52	-37.48	0.00060	60.10	-38.89	0.00059
58.69	-40.31	0.00059	57.28	-41.72	0.00059
55.86	-43.13	0.00059	43.13	-55.86	0.00054
41.72	-57.28	0.00053	40.31	-58.69	0.00053
38.89	-60.10	0.00052	37.48	-61.52	0.00052
35.36	-63.64	0.00051	31.82	-67.18	0.00049
28.28	-70.71	0.00047	21.21	-77.78	0.00044
14.14	-84.85	0.00041	7.07	-91.92	0.00039
0.00	-98.99	0.00036	-7.07	-106.07	0.00034
-14.14	-113.14	0.00031	-21.21	-120.21	0.00028
127.28	14.14	0.00041	120.21	7.07	0.00044
113.14	0.00	0.00047	106.07	-7.07	0.00050
98.99	-14.14	0.00052	91.92	-21.21	0.00054
84.85	-28.28	0.00056	77.78	-35.36	0.00056
74.25	-38.89	0.00056	70.71	-42.43	0.00056
68.59	-44.55	0.00055	67.18	-45.96	0.00055
65.76	-47.38	0.00055	64.35	-48.79	0.00055
62.93	-50.20	0.00054	50.20	-62.93	0.00050
48.79	-64.35	0.00050	47.38	-65.76	0.00049
45.96	-67.18	0.00049	44.55	-68.59	0.00048
42.43	-70.71	0.00047	38.89	-74.25	0.00046
35.36	-77.78	0.00044	28.28	-84.85	0.00042
21.21	-91.92	0.00039	14.14	-98.99	0.00037
7.07	-106.07	0.00034	0.00	-113.14	0.00032
-7.07	-120.21	0.00030	-14.14	-127.28	0.00027
134.35	7.07	0.00039	127.28	0.00	0.00042
120.21	-7.07	0.00045	113.14	-14.14	0.00047
106.07	-21.21	0.00049	98.99	-28.28	0.00051
91.92	-35.36	0.00052	84.85	-42.43	0.00052
81.32	-45.96	0.00052	77.78	-49.50	0.00052
75.66	-51.62	0.00052	74.25	-53.03	0.00051
72.83	-54.45	0.00051	71.42	-55.86	0.00051
70.00	-57.28	0.00051	57.28	-70.00	0.00047
55.86	-71.42	0.00047	54.45	-72.83	0.00046
53.03	-74.25	0.00046	51.62	-75.66	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00044	45.96	-81.32	0.00043
42.43	-84.85	0.00042	35.36	-91.92	0.00039
28.28	-98.99	0.00037	21.21	-106.07	0.00035
14.14	-113.14	0.00032	7.07	-120.21	0.00030
0.00	-127.28	0.00028	-7.07	-134.35	0.00026
141.42	0.00	0.00037	134.35	-7.07	0.00040
127.28	-14.14	0.00042	120.21	-21.21	0.00045
113.14	-28.28	0.00046	106.07	-35.36	0.00048
98.99	-42.43	0.00049	91.92	-49.50	0.00049
88.39	-53.03	0.00049	84.85	-56.57	0.00048
82.73	-58.69	0.00048	81.32	-60.10	0.00048
79.90	-61.52	0.00048	78.49	-62.93	0.00047
77.07	-64.35	0.00047	64.35	-77.07	0.00044
62.93	-78.49	0.00044	61.52	-79.90	0.00043
60.10	-81.32	0.00043	58.69	-82.73	0.00042
56.57	-84.85	0.00042	53.03	-88.39	0.00040
49.50	-91.92	0.00039	42.43	-98.99	0.00037
35.36	-106.07	0.00035	28.28	-113.14	0.00033
21.21	-120.21	0.00031	14.14	-127.28	0.00029
7.07	-134.35	0.00027	0.00	-141.42	0.00025
148.49	-7.07	0.00036	141.42	-14.14	0.00038
134.35	-21.21	0.00040	127.28	-28.28	0.00042
120.21	-35.36	0.00044	113.14	-42.43	0.00045
106.07	-49.50	0.00046	98.99	-56.57	0.00046
95.46	-60.10	0.00046	91.92	-63.64	0.00045
89.80	-65.76	0.00045	88.39	-67.18	0.00045
86.97	-68.59	0.00045	85.56	-70.00	0.00044
84.15	-71.42	0.00044	71.42	-84.15	0.00041
70.00	-85.56	0.00041	68.59	-86.97	0.00041
67.18	-88.39	0.00040	65.76	-89.80	0.00040
63.64	-91.92	0.00039	60.10	-95.46	0.00038
56.57	-98.99	0.00037	49.50	-106.07	0.00035
42.43	-113.14	0.00033	35.36	-120.21	0.00031
28.28	-127.28	0.00029	21.21	-134.35	0.00028
14.14	-141.42	0.00026	7.07	-148.49	0.00024
155.56	-14.14	0.00034	148.49	-21.21	0.00037
141.42	-28.28	0.00038	134.35	-35.36	0.00040
127.28	-42.43	0.00041	120.21	-49.50	0.00042
113.14	-56.57	0.00043	106.07	-63.64	0.00043

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53 -67.18 0.00043 98.99 -70.71 0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00042	95.46	-74.25	0.00042
94.05	-75.66	0.00042	92.63	-77.07	0.00042
91.22	-78.49	0.00041	78.49	-91.22	0.00039
77.07	-92.63	0.00038	75.66	-94.05	0.00038
74.25	-95.46	0.00038	72.83	-96.87	0.00037
70.71	-98.99	0.00037	67.18	-102.53	0.00036
63.64	-106.07	0.00035	56.57	-113.14	0.00033
49.50	-120.21	0.00031	42.43	-127.28	0.00030
35.36	-134.35	0.00028	28.28	-141.42	0.00026
21.21	-148.49	0.00025	14.14	-155.56	0.00023
162.63	-21.21	0.00033	155.56	-28.28	0.00035
148.49	-35.36	0.00037	141.42	-42.43	0.00038
134.35	-49.50	0.00039	127.28	-56.57	0.00040
120.21	-63.64	0.00040	113.14	-70.71	0.00040
109.60	-74.25	0.00040	106.07	-77.78	0.00040
103.94	-79.90	0.00040	102.53	-81.32	0.00039
101.12	-82.73	0.00039	99.70	-84.15	0.00039
98.29	-85.56	0.00039	85.56	-98.29	0.00037
84.15	-99.70	0.00036	82.73	-101.12	0.00036
81.32	-102.53	0.00036	79.90	-103.94	0.00035
77.78	-106.07	0.00035	74.25	-109.60	0.00034
70.71	-113.14	0.00033	63.64	-120.21	0.00031
56.57	-127.28	0.00030	49.50	-134.35	0.00028
42.43	-141.42	0.00027	35.36	-148.49	0.00025
28.28	-155.56	0.00024	21.21	-162.63	0.00023
169.71	-28.28	0.00032	162.63	-35.36	0.00033
155.56	-42.43	0.00035	148.49	-49.50	0.00036
141.42	-56.57	0.00037	134.35	-63.64	0.00038
127.28	-70.71	0.00038	120.21	-77.78	0.00038
116.67	-81.32	0.00038	113.14	-84.85	0.00038
111.02	-86.97	0.00037	109.60	-88.39	0.00037
108.19	-89.80	0.00037	106.77	-91.22	0.00037
105.36	-92.63	0.00037	92.63	-105.36	0.00034

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00034	89.80	-108.19	0.00034
88.39	-109.60	0.00034	86.97	-111.02	0.00033
84.85	-113.14	0.00033	81.32	-116.67	0.00032
77.78	-120.21	0.00031	70.71	-127.28	0.00030
63.64	-134.35	0.00028	56.57	-141.42	0.00027
49.50	-148.49	0.00025	42.43	-155.56	0.00024
35.36	-162.63	0.00023	28.28	-169.71	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00030	169.71	-42.43	0.00032
162.63	-49.50	0.00033	155.56	-56.57	0.00034
148.49	-63.64	0.00035	141.42	-70.71	0.00036
134.35	-77.78	0.00036	127.28	-84.85	0.00036
123.74	-88.39	0.00036	120.21	-91.92	0.00035
118.09	-94.05	0.00035	116.67	-95.46	0.00035
115.26	-96.87	0.00035	113.84	-98.29	0.00035
112.43	-99.70	0.00035	99.70	-112.43	0.00033
98.29	-113.84	0.00032	96.87	-115.26	0.00032
95.46	-116.67	0.00032	94.05	-118.09	0.00032
91.92	-120.21	0.00031	88.39	-123.74	0.00030
84.85	-127.28	0.00030	77.78	-134.35	0.00028
70.71	-141.42	0.00027	63.64	-148.49	0.00026
56.57	-155.56	0.00024	49.50	-162.63	0.00023
42.43	-169.71	0.00022	35.36	-176.78	0.00021
183.85	-42.43	0.00029	176.78	-49.50	0.00031
169.71	-56.57	0.00032	162.63	-63.64	0.00033
155.56	-70.71	0.00033	148.49	-77.78	0.00034
141.42	-84.85	0.00034	134.35	-91.92	0.00034
130.81	-95.46	0.00034	127.28	-98.99	0.00033
125.16	-101.12	0.00033	123.74	-102.53	0.00033
122.33	-103.94	0.00033	120.92	-105.36	0.00033
119.50	-106.77	0.00033	106.77	-119.50	0.00031
105.36	-120.92	0.00031	103.94	-122.33	0.00030
102.53	-123.74	0.00030	101.12	-125.16	0.00030
98.99	-127.28	0.00030	95.46	-130.81	0.00029
91.92	-134.35	0.00028	84.85	-141.42	0.00027

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00026	70.71	-155.56	0.00024
63.64	-162.63	0.00023	56.57	-169.71	0.00022
49.50	-176.78	0.00021	42.43	-183.85	0.00020
190.92	-49.50	0.00028	183.85	-56.57	0.00029
176.78	-63.64	0.00030	169.71	-70.71	0.00031
162.63	-77.78	0.00032	155.56	-84.85	0.00032
148.49	-91.92	0.00032	141.42	-98.99	0.00032
137.89	-102.53	0.00032	134.35	-106.07	0.00032
132.23	-108.19	0.00032	130.81	-109.60	0.00031
129.40	-111.02	0.00031	127.99	-112.43	0.00031
126.57	-113.84	0.00031	113.84	-126.57	0.00029
112.43	-127.99	0.00029	111.02	-129.40	0.00029
109.60	-130.81	0.00029	108.19	-132.23	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 119

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00028	102.53	-137.89	0.00027
98.99	-141.42	0.00027	91.92	-148.49	0.00026
84.85	-155.56	0.00024	77.78	-162.63	0.00023
70.71	-169.71	0.00022	63.64	-176.78	0.00021
56.57	-183.85	0.00020	49.50	-190.92	0.00019
197.99	-56.57	0.00027	190.92	-63.64	0.00028
183.85	-70.71	0.00029	176.78	-77.78	0.00030
169.71	-84.85	0.00030	162.63	-91.92	0.00031
155.56	-98.99	0.00031	148.49	-106.07	0.00030
144.96	-109.60	0.00030	141.42	-113.14	0.00030
139.30	-115.26	0.00030	137.89	-116.67	0.00030
136.47	-118.09	0.00030	135.06	-119.50	0.00030
133.64	-120.92	0.00029	120.92	-133.64	0.00028
119.50	-135.06	0.00028	118.09	-136.47	0.00027
116.67	-137.89	0.00027	115.26	-139.30	0.00027
113.14	-141.42	0.00027	109.60	-144.96	0.00026
106.07	-148.49	0.00026	98.99	-155.56	0.00025
91.92	-162.63	0.00023	84.85	-169.71	0.00022
77.78	-176.78	0.00021	70.71	-183.85	0.00020
63.64	-190.92	0.00019	56.57	-197.99	0.00019
205.06	-63.64	0.00026	197.99	-70.71	0.00027

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00028	183.85	-84.85	0.00028
176.78	-91.92	0.00029	169.71	-98.99	0.00029
162.63	-106.07	0.00029	155.56	-113.14	0.00029
152.03	-116.67	0.00029	148.49	-120.21	0.00029
146.37	-122.33	0.00028	144.96	-123.74	0.00028
143.54	-125.16	0.00028	142.13	-126.57	0.00028
140.71	-127.99	0.00028	127.99	-140.71	0.00026
126.57	-142.13	0.00026	125.16	-143.54	0.00026
123.74	-144.96	0.00026	122.33	-146.37	0.00026
120.21	-148.49	0.00025	116.67	-152.03	0.00025
113.14	-155.56	0.00024	106.07	-162.63	0.00023
98.99	-169.71	0.00022	91.92	-176.78	0.00021
84.85	-183.85	0.00020	77.78	-190.92	0.00020
70.71	-197.99	0.00019	63.64	-205.06	0.00018
212.13	-70.71	0.00025	205.06	-77.78	0.00026
197.99	-84.85	0.00026	190.92	-91.92	0.00027
183.85	-98.99	0.00027	176.78	-106.07	0.00028
169.71	-113.14	0.00028	162.63	-120.21	0.00028
159.10	-123.74	0.00027	155.56	-127.28	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 120  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00027	152.03	-130.81	0.00027
150.61	-132.23	0.00027	149.20	-133.64	0.00027
147.79	-135.06	0.00027	135.06	-147.79	0.00025
133.64	-149.20	0.00025	132.23	-150.61	0.00025
130.81	-152.03	0.00025	129.40	-153.44	0.00025
127.28	-155.56	0.00024	123.74	-159.10	0.00024
120.21	-162.63	0.00023	113.14	-169.71	0.00022
106.07	-176.78	0.00021	98.99	-183.85	0.00021
91.92	-190.92	0.00020	84.85	-197.99	0.00019
77.78	-205.06	0.00018	70.71	-212.13	0.00017
219.20	-77.78	0.00024	212.13	-84.85	0.00025
205.06	-91.92	0.00025	197.99	-98.99	0.00026
190.92	-106.07	0.00026	183.85	-113.14	0.00026
176.78	-120.21	0.00026	169.71	-127.28	0.00026
166.17	-130.81	0.00026	162.63	-134.35	0.00026



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00026	159.10	-137.89	0.00026
157.68	-139.30	0.00026	156.27	-140.71	0.00025
154.86	-142.13	0.00025	142.13	-154.86	0.00024
140.71	-156.27	0.00024	139.30	-157.68	0.00024
137.89	-159.10	0.00024	136.47	-160.51	0.00023
134.35	-162.63	0.00023	130.81	-166.17	0.00023
127.28	-169.71	0.00022	120.21	-176.78	0.00021
113.14	-183.85	0.00021	106.07	-190.92	0.00020
98.99	-197.99	0.00019	91.92	-205.06	0.00018
84.85	-212.13	0.00017	77.78	-219.20	0.00017
226.27	-84.85	0.00023	219.20	-91.92	0.00024
212.13	-98.99	0.00024	205.06	-106.07	0.00025
197.99	-113.14	0.00025	190.92	-120.21	0.00025
183.85	-127.28	0.00025	176.78	-134.35	0.00025
173.24	-137.89	0.00025	169.71	-141.42	0.00025
167.58	-143.54	0.00025	166.17	-144.96	0.00024
164.76	-146.37	0.00024	163.34	-147.79	0.00024
161.93	-149.20	0.00024	149.20	-161.93	0.00023
147.79	-163.34	0.00023	146.37	-164.76	0.00023
144.96	-166.17	0.00023	143.54	-167.58	0.00022
141.42	-169.71	0.00022	137.89	-173.24	0.00022
134.35	-176.78	0.00021	127.28	-183.85	0.00021
120.21	-190.92	0.00020	113.14	-197.99	0.00019
106.07	-205.06	0.00018	98.99	-212.13	0.00017
91.92	-219.20	0.00017	84.85	-226.27	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00022	226.27	-98.99	0.00023
219.20	-106.07	0.00023	212.13	-113.14	0.00024
205.06	-120.21	0.00024	197.99	-127.28	0.00024
190.92	-134.35	0.00024	183.85	-141.42	0.00024
180.31	-144.96	0.00024	176.78	-148.49	0.00024
174.66	-150.61	0.00023	173.24	-152.03	0.00023
171.83	-153.44	0.00023	170.41	-154.86	0.00023
169.00	-156.27	0.00023	156.27	-169.00	0.00022
154.86	-170.41	0.00022	153.44	-171.83	0.00022

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00022	150.61	-174.66	0.00021
148.49	-176.78	0.00021	144.96	-180.31	0.00021
141.42	-183.85	0.00020	134.35	-190.92	0.00020
127.28	-197.99	0.00019	120.21	-205.06	0.00018
113.14	-212.13	0.00017	106.07	-219.20	0.00017
98.99	-226.27	0.00016	91.92	-233.35	0.00015
240.42	-98.99	0.00021	233.35	-106.07	0.00022
226.27	-113.14	0.00022	219.20	-120.21	0.00023
212.13	-127.28	0.00023	205.06	-134.35	0.00023
197.99	-141.42	0.00023	190.92	-148.49	0.00023
187.38	-152.03	0.00023	183.85	-155.56	0.00023
181.73	-157.68	0.00022	180.31	-159.10	0.00022
178.90	-160.51	0.00022	177.48	-161.93	0.00022
176.07	-163.34	0.00022	163.34	-176.07	0.00021
161.93	-177.48	0.00021	160.51	-178.90	0.00021
159.10	-180.31	0.00021	157.68	-181.73	0.00021
155.56	-183.85	0.00020	152.03	-187.38	0.00020
148.49	-190.92	0.00020	141.42	-197.99	0.00019
134.35	-205.06	0.00018	127.28	-212.13	0.00018
120.21	-219.20	0.00017	113.14	-226.27	0.00016
106.07	-233.35	0.00016	98.99	-240.42	0.00015
247.49	-106.07	0.00021	240.42	-113.14	0.00021
233.35	-120.21	0.00022	226.27	-127.28	0.00022
219.20	-134.35	0.00022	212.13	-141.42	0.00022
205.06	-148.49	0.00022	197.99	-155.56	0.00022
194.45	-159.10	0.00022	190.92	-162.63	0.00022
188.80	-164.76	0.00021	187.38	-166.17	0.00021
185.97	-167.58	0.00021	184.55	-169.00	0.00021
183.14	-170.41	0.00021	170.41	-183.14	0.00020
169.00	-184.55	0.00020	167.58	-185.97	0.00020
166.17	-187.38	0.00020	164.76	-188.80	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00020	159.10	-194.45	0.00019
155.56	-197.99	0.00019	148.49	-205.06	0.00018
141.42	-212.13	0.00018	134.35	-219.20	0.00017

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00016	120.21	-233.35	0.00016
113.14	-240.42	0.00015	106.07	-247.49	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00038	-113.14	240.42	0.00042
-120.21	233.35	0.00048	-127.28	226.27	0.00055
-134.35	219.20	0.00064	-141.42	212.13	0.00075
-148.49	205.06	0.00090	-155.56	197.99	0.00111
-159.10	194.45	0.00125	-162.63	190.92	0.00142
-164.76	188.80	0.00154	-166.17	187.38	0.00162
-167.58	185.97	0.00171	-169.00	184.55	0.00179
-170.41	183.14	0.00187	-183.14	170.41	0.00218
-184.55	169.00	0.00217	-185.97	167.58	0.00216
-187.38	166.17	0.00213	-188.80	164.76	0.00209
-190.92	162.63	0.00203	-194.45	159.10	0.00192
-197.99	155.56	0.00180	-205.06	148.49	0.00156
-212.13	141.42	0.00137	-219.20	134.35	0.00120
-226.27	127.28	0.00107	-233.35	120.21	0.00096
-240.42	113.14	0.00086	-247.49	106.07	0.00078
-98.99	240.42	0.00039	-106.07	233.35	0.00044
-113.14	226.27	0.00051	-120.21	219.20	0.00058
-127.28	212.13	0.00068	-134.35	205.06	0.00080
-141.42	197.99	0.00097	-148.49	190.92	0.00120
-152.03	187.38	0.00136	-155.56	183.85	0.00156
-157.68	181.73	0.00170	-159.10	180.31	0.00181
-160.51	178.90	0.00193	-161.93	177.48	0.00206
-163.34	176.07	0.00219	-176.07	163.34	0.00265
-177.48	161.93	0.00260	-178.90	160.51	0.00254
-180.31	159.10	0.00247	-181.73	157.68	0.00240
-183.85	155.56	0.00228	-187.38	152.03	0.00210
-190.92	148.49	0.00194	-197.99	141.42	0.00166
-205.06	134.35	0.00144	-212.13	127.28	0.00126
-219.20	120.21	0.00112	-226.27	113.14	0.00100
-233.35	106.07	0.00090	-240.42	98.99	0.00081
-91.92	233.35	0.00041	-98.99	226.27	0.00047
-106.07	219.20	0.00053	-113.14	212.13	0.00062

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00073	-127.28	197.99	0.00086
-134.35	190.92	0.00105	-141.42	183.85	0.00131
-144.96	180.31	0.00149	-148.49	176.78	0.00172
-150.61	174.66	0.00188	-152.03	173.24	0.00200
-153.44	171.83	0.00215	-154.86	170.41	0.00231
-156.27	169.00	0.00249	-169.00	156.27	0.00309
-170.41	154.86	0.00296	-171.83	153.44	0.00283
-173.24	152.03	0.00271	-174.66	150.61	0.00260

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:29:43  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00245	-180.31	144.96	0.00224
-183.85	141.42	0.00205	-190.92	134.35	0.00175
-197.99	127.28	0.00151	-205.06	120.21	0.00132
-212.13	113.14	0.00117	-219.20	106.07	0.00104
-226.27	99.00	0.00093	-233.35	91.92	0.00084
-84.85	226.27	0.00043	-91.92	219.20	0.00049
-98.99	212.13	0.00056	-106.07	205.06	0.00065
-113.14	197.99	0.00077	-120.21	190.92	0.00093
-127.28	183.85	0.00114	-134.35	176.78	0.00144
-137.89	173.24	0.00165	-141.42	169.71	0.00192
-143.54	167.58	0.00212	-144.96	166.17	0.00227
-146.37	164.76	0.00244	-147.79	163.34	0.00266
-149.20	161.93	0.00294	-161.93	149.20	0.00347
-163.34	147.79	0.00326	-164.76	146.37	0.00308
-166.17	144.96	0.00294	-167.58	143.54	0.00281
-169.71	141.42	0.00264	-173.24	137.89	0.00239
-176.78	134.35	0.00219	-183.85	127.28	0.00186
-190.92	120.21	0.00160	-197.99	113.14	0.00139
-205.06	106.07	0.00122	-212.13	99.00	0.00108
-219.20	91.92	0.00096	-226.27	84.85	0.00087
-77.78	219.20	0.00044	-84.85	212.13	0.00051
-91.92	205.06	0.00059	-98.99	197.99	0.00069
-106.07	190.92	0.00082	-113.14	183.85	0.00100
-120.21	176.78	0.00125	-127.28	169.71	0.00163
-130.81	166.17	0.00191	-134.35	162.63	0.00230
-136.47	160.51	0.00263	-137.89	159.10	0.00291

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00326	-140.71	156.27	0.00372
-142.13	154.86	0.00433	-154.86	142.13	0.00411
-156.27	140.71	0.00375	-157.68	139.30	0.00350
-159.10	137.89	0.00329	-160.51	136.47	0.00312
-162.63	134.35	0.00290	-166.17	130.81	0.00261
-169.71	127.28	0.00238	-176.78	120.21	0.00200
-183.85	113.14	0.00171	-190.92	106.07	0.00148
-197.99	99.00	0.00129	-205.06	91.92	0.00114
-212.13	84.85	0.00101	-219.20	77.78	0.00090
-70.71	212.13	0.00047	-77.78	205.06	0.00054
-84.85	197.99	0.00063	-91.92	190.92	0.00074
-98.99	183.85	0.00089	-106.07	176.78	0.00110
-113.14	169.71	0.00141	-120.21	162.63	0.00193
-123.74	159.10	0.00235	-127.28	155.56	0.00298

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00351	-130.81	152.03	0.00395
-132.23	150.61	0.00448	-133.64	149.20	0.00513
-135.06	147.79	0.00593	-147.79	135.06	0.00490
-149.20	133.64	0.00441	-150.61	132.23	0.00404
-152.03	130.81	0.00376	-153.44	129.40	0.00352
-155.56	127.28	0.00324	-159.10	123.74	0.00288
-162.63	120.21	0.00259	-169.71	113.14	0.00216
-176.78	106.07	0.00183	-183.85	98.99	0.00158
-190.92	91.92	0.00137	-197.99	84.85	0.00120
-205.06	77.78	0.00106	-212.13	70.71	0.00095
-63.64	205.06	0.00049	-70.71	197.99	0.00057
-77.78	190.92	0.00067	-84.85	183.85	0.00080
-91.92	176.78	0.00098	-98.99	169.71	0.00123
-106.07	162.63	0.00164	-113.14	155.56	0.00236
-116.67	152.03	0.00295	-120.21	148.49	0.00379
-122.33	146.37	0.00447	-123.74	144.96	0.00501
-125.16	143.54	0.00565	-126.57	142.13	0.00639
-127.99	140.71	0.00728	-140.71	127.99	0.00569
-142.13	126.57	0.00510	-143.54	125.16	0.00465
-144.96	123.74	0.00429	-146.37	122.33	0.00399

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00363	-152.03	116.67	0.00318
-155.56	113.14	0.00284	-162.63	106.07	0.00233
-169.71	98.99	0.00196	-176.78	91.92	0.00168
-183.85	84.85	0.00145	-190.92	77.78	0.00127
-197.99	70.71	0.00112	-205.06	63.64	0.00099
-56.57	197.99	0.00052	-63.64	190.92	0.00061
-70.71	183.85	0.00072	-77.78	176.78	0.00087
-84.85	169.71	0.00108	-91.92	162.63	0.00140
-98.99	155.56	0.00192	-106.07	148.49	0.00285
-109.60	144.96	0.00357	-113.14	141.42	0.00456
-115.26	139.30	0.00534	-116.67	137.89	0.00594
-118.09	136.47	0.00664	-119.50	135.06	0.00744
-120.92	133.64	0.00837	-133.64	120.92	0.00640
-135.06	119.50	0.00575	-136.47	118.09	0.00524
-137.89	116.67	0.00482	-139.30	115.26	0.00447
-141.42	113.14	0.00405	-144.96	109.60	0.00351
-148.49	106.07	0.00310	-155.56	98.99	0.00252
-162.63	91.92	0.00210	-169.71	84.85	0.00178
-176.78	77.78	0.00153	-183.85	70.71	0.00133
-190.92	63.64	0.00117	-197.99	56.57	0.00104

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00055	-56.57	183.85	0.00065
-63.64	176.78	0.00078	-70.71	169.71	0.00096
-77.78	162.63	0.00121	-84.85	155.56	0.00160
-91.92	148.49	0.00224	-98.99	141.42	0.00333
-102.53	137.89	0.00415	-106.07	134.35	0.00525
-108.19	132.23	0.00609	-109.60	130.81	0.00673
-111.02	129.40	0.00746	-112.43	127.99	0.00828
-113.84	126.57	0.00922	-126.57	113.84	0.00701
-127.99	112.43	0.00631	-129.40	111.02	0.00576
-130.81	109.60	0.00531	-132.23	108.19	0.00493
-134.35	106.07	0.00445	-137.89	102.53	0.00383
-141.42	98.99	0.00337	-148.49	91.92	0.00270
-155.56	84.85	0.00224	-162.63	77.78	0.00189
-169.71	70.71	0.00161	-176.78	63.64	0.00140

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00122	-190.92	49.50	0.00108
-42.43	183.85	0.00059	-49.50	176.78	0.00070
-56.57	169.71	0.00085	-63.64	162.63	0.00106
-70.71	155.56	0.00136	-77.78	148.49	0.00182
-84.85	141.42	0.00256	-91.92	134.35	0.00377
-95.46	130.81	0.00466	-98.99	127.28	0.00584
-101.12	125.16	0.00672	-102.53	123.74	0.00739
-103.94	122.33	0.00813	-105.36	120.92	0.00896
-106.77	119.50	0.00991	-119.50	106.77	0.00753
-120.92	105.36	0.00679	-122.33	103.94	0.00622
-123.74	102.53	0.00574	-125.16	101.12	0.00533
-127.28	98.99	0.00481	-130.81	95.46	0.00414
-134.35	91.92	0.00363	-141.42	84.85	0.00289
-148.49	77.78	0.00238	-155.56	70.71	0.00200
-162.63	63.64	0.00170	-169.71	56.57	0.00146
-176.78	49.50	0.00128	-183.85	42.43	0.00112
-35.36	176.78	0.00064	-42.43	169.71	0.00076
-49.50	162.63	0.00093	-56.57	155.56	0.00117
-63.64	148.49	0.00152	-70.71	141.42	0.00205
-77.78	134.35	0.00286	-84.85	127.28	0.00417
-88.39	123.74	0.00512	-91.92	120.21	0.00635
-94.05	118.09	0.00725	-95.46	116.67	0.00793
-96.87	115.26	0.00868	-98.29	113.84	0.00952
-99.70	112.43	0.01047	-112.43	99.70	0.00796
-113.84	98.29	0.00721	-115.26	96.87	0.00660
-116.67	95.46	0.00611	-118.09	94.05	0.00568

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTS:  
 PAGE 127

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00513	-123.74	88.39	0.00442
-127.28	84.85	0.00387	-134.35	77.78	0.00307
-141.42	70.71	0.00251	-148.49	63.64	0.00210
-155.56	56.57	0.00178	-162.63	49.50	0.00153
-169.71	42.43	0.00133	-176.78	35.36	0.00117
-28.28	169.71	0.00068	-35.36	162.63	0.00083
-42.43	155.56	0.00102	-49.50	148.49	0.00129
-56.57	141.42	0.00169	-63.64	134.35	0.00227

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00315	-77.78	120.21	0.00453
-81.32	116.67	0.00552	-84.85	113.14	0.00677
-86.97	111.02	0.00769	-88.39	109.60	0.00838
-89.80	108.19	0.00913	-91.22	106.77	0.00999
-92.63	105.36	0.01094	-105.36	92.63	0.00833
-106.77	91.22	0.00756	-108.19	89.80	0.00693
-109.60	88.39	0.00642	-111.02	86.97	0.00598
-113.14	84.85	0.00542	-116.67	81.32	0.00467
-120.21	77.78	0.00409	-127.28	70.71	0.00324
-134.35	63.64	0.00264	-141.42	56.57	0.00220
-148.49	49.50	0.00186	-155.56	42.43	0.00160
-162.63	35.36	0.00139	-169.71	28.28	0.00121
-21.21	162.63	0.00074	-28.28	155.56	0.00090
-35.36	148.49	0.00111	-42.43	141.42	0.00142
-49.50	134.35	0.00185	-56.57	127.28	0.00247
-63.64	120.21	0.00340	-70.71	113.14	0.00485
-74.25	109.60	0.00586	-77.78	106.07	0.00714
-79.90	103.94	0.00806	-81.32	102.53	0.00875
-82.73	101.12	0.00951	-84.15	99.70	0.01037
-85.56	98.29	0.01132	-98.29	85.56	0.00864
-99.70	84.15	0.00785	-101.12	82.73	0.00722
-102.53	81.32	0.00669	-103.94	79.90	0.00624
-106.07	77.78	0.00567	-109.60	74.25	0.00490
-113.14	70.71	0.00429	-120.21	63.64	0.00339
-127.28	56.57	0.00276	-134.35	49.50	0.00230
-141.42	42.43	0.00194	-148.49	35.36	0.00166
-155.56	28.28	0.00144	-162.63	21.21	0.00126
-14.14	155.56	0.00079	-21.21	148.49	0.00097
-28.28	141.42	0.00121	-35.36	134.35	0.00154
-42.43	127.28	0.00200	-49.50	120.21	0.00266
-56.57	113.14	0.00364	-63.64	106.07	0.00513
-67.18	102.53	0.00616	-70.71	98.99	0.00745

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00838	-74.25	95.46	0.00908
-75.66	94.05	0.00984	-77.07	92.63	0.01068



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01163	-91.22	78.49	0.00887
-92.63	77.07	0.00810	-94.05	75.66	0.00747
-95.46	74.25	0.00694	-96.87	72.83	0.00647
-98.99	70.71	0.00588	-102.53	67.18	0.00510
-106.07	63.64	0.00447	-113.14	56.57	0.00354
-120.21	49.50	0.00288	-127.28	42.43	0.00239
-134.35	35.36	0.00202	-141.42	28.28	0.00172
-148.49	21.21	0.00149	-155.56	14.14	0.00130
-7.07	148.49	0.00086	-14.14	141.42	0.00105
-21.21	134.35	0.00131	-28.28	127.28	0.00166
-35.36	120.21	0.00215	-42.43	113.14	0.00284
-49.50	106.07	0.00385	-56.57	98.99	0.00538
-60.10	95.46	0.00642	-63.64	91.92	0.00772
-65.76	89.80	0.00865	-67.18	88.39	0.00935
-68.59	86.97	0.01011	-70.00	85.56	0.01095
-71.42	84.15	0.01189	-84.15	71.42	0.00909
-85.56	70.00	0.00831	-86.97	68.59	0.00768
-88.39	67.18	0.00714	-89.80	65.76	0.00667
-91.92	63.64	0.00608	-95.46	60.10	0.00527
-98.99	56.57	0.00464	-106.07	49.50	0.00368
-113.14	42.43	0.00299	-120.21	35.36	0.00248
-127.28	28.28	0.00209	-134.35	21.21	0.00178
-141.42	14.14	0.00154	-148.49	7.07	0.00134
0.00	141.42	0.00092	-7.07	134.35	0.00113
-14.14	127.28	0.00140	-21.21	120.21	0.00177
-28.28	113.14	0.00228	-35.36	106.07	0.00300
-42.43	98.99	0.00405	-49.50	91.92	0.00559
-53.03	88.39	0.00664	-56.57	84.85	0.00795
-58.69	82.73	0.00888	-60.10	81.32	0.00958
-61.52	79.90	0.01034	-62.93	78.49	0.01118
-64.35	77.07	0.01212	-77.07	64.35	0.00929
-78.49	62.93	0.00850	-79.90	61.52	0.00786
-81.32	60.10	0.00731	-82.73	58.69	0.00684
-84.85	56.57	0.00624	-88.39	53.03	0.00543
-91.92	49.50	0.00478	-98.99	42.43	0.00380
-106.07	35.36	0.00309	-113.14	28.28	0.00256
-120.21	21.21	0.00215	-127.28	14.14	0.00184
-134.35	7.07	0.00158	-141.42	0.00	0.00138

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00098	0.00	127.28	0.00120
-7.07	120.21	0.00149	-14.14	113.14	0.00188
-21.21	106.07	0.00241	-28.28	98.99	0.00316
-35.36	91.92	0.00422	-42.43	84.85	0.00578
-45.96	81.32	0.00684	-49.50	77.78	0.00815
-51.62	75.66	0.00908	-53.03	74.25	0.00977
-54.45	72.83	0.01054	-55.86	71.42	0.01138
-57.28	70.00	0.01232	-70.00	57.28	0.00946
-71.42	55.86	0.00867	-72.83	54.45	0.00802
-74.25	53.03	0.00747	-75.66	51.62	0.00700
-77.78	49.50	0.00639	-81.32	45.96	0.00556
-84.85	42.43	0.00491	-91.92	35.36	0.00391
-98.99	28.28	0.00318	-106.07	21.21	0.00264
-113.14	14.14	0.00222	-120.21	7.07	0.00189
-127.28	0.00	0.00163	-134.35	-7.07	0.00142
14.14	127.28	0.00104	7.07	120.21	0.00128
0.00	113.14	0.00158	-7.07	106.07	0.00198
-14.14	98.99	0.00253	-21.21	91.92	0.00329
-28.28	84.85	0.00437	-35.36	77.78	0.00595
-38.89	74.25	0.00701	-42.43	70.71	0.00832
-44.55	68.59	0.00926	-45.96	67.18	0.00995
-47.38	65.76	0.01071	-48.79	64.35	0.01155
-50.20	62.93	0.01249	-62.93	50.20	0.00961
-64.35	48.79	0.00881	-65.76	47.38	0.00816
-67.18	45.96	0.00761	-68.59	44.55	0.00713
-70.71	42.43	0.00652	-74.25	38.89	0.00569
-77.78	35.36	0.00502	-84.85	28.28	0.00401
-91.92	21.21	0.00327	-98.99	14.14	0.00271
-106.07	7.07	0.00228	-113.14	0.00	0.00194
-120.21	-7.07	0.00167	-127.28	-14.14	0.00145
21.21	120.21	0.00110	14.14	113.14	0.00135
7.07	106.07	0.00166	0.00	98.99	0.00208
-7.07	91.92	0.00264	-14.14	84.85	0.00342
-21.21	77.78	0.00451	-28.28	70.71	0.00610
-31.82	67.18	0.00716	-35.36	63.64	0.00848
-37.48	61.52	0.00941	-38.89	60.10	0.01011
-40.31	58.69	0.01087	-41.72	57.28	0.01170
-43.13	55.86	0.01264	-55.86	43.13	0.00975
-57.28	41.72	0.00894	-58.69	40.31	0.00829
-60.10	38.89	0.00773	-61.52	37.48	0.00725

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00663	-67.18	31.82	0.00579
-70.71	28.28	0.00512	-77.78	21.21	0.00410
-84.85	14.14	0.00335	-91.92	7.07	0.00278
-98.99	0.00	0.00233	-106.07	-7.07	0.00199
-113.14	-14.14	0.00171	-120.21	-21.21	0.00148
28.28	113.14	0.00116	21.21	106.07	0.00141
14.14	98.99	0.00174	7.07	91.92	0.00217
0.00	84.85	0.00275	-7.07	77.78	0.00353
-14.14	70.71	0.00464	-21.21	63.64	0.00623
-24.75	60.10	0.00730	-28.28	56.57	0.00861
-30.41	54.45	0.00955	-31.82	53.03	0.01024
-33.23	51.62	0.01100	-34.65	50.20	0.01184
-36.06	48.79	0.01278	-48.79	36.06	0.00988
-50.20	34.65	0.00906	-51.62	33.23	0.00840
-53.03	31.82	0.00784	-54.45	30.41	0.00736
-56.57	28.28	0.00673	-60.10	24.75	0.00589
-63.64	21.21	0.00521	-70.71	14.14	0.00418
-77.78	7.07	0.00342	-84.85	0.00	0.00284
-91.92	-7.07	0.00239	-98.99	-14.14	0.00203
-106.07	-21.21	0.00174	-113.14	-28.28	0.00151
35.36	106.07	0.00122	28.28	98.99	0.00148
21.21	91.92	0.00181	14.14	84.85	0.00225
7.07	77.78	0.00284	0.00	70.71	0.00364
-7.07	63.64	0.00475	-14.14	56.57	0.00635
-17.68	53.03	0.00742	-21.21	49.50	0.00873
-23.33	47.38	0.00966	-24.75	45.96	0.01036
-26.16	44.55	0.01112	-27.58	43.13	0.01196
-28.99	41.72	0.01290	-41.72	28.99	0.00999
-43.13	27.58	0.00917	-44.55	26.16	0.00849
-45.96	24.75	0.00794	-47.38	23.33	0.00745
-49.50	21.21	0.00683	-53.03	17.68	0.00598
-56.57	14.14	0.00529	-63.64	7.07	0.00425
-70.71	0.00	0.00348	-77.78	-7.07	0.00289
-84.85	-14.14	0.00243	-91.92	-21.21	0.00207

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00178	-106.07	-35.36	0.00154
42.43	98.99	0.00127	35.36	91.92	0.00154
28.28	84.85	0.00188	21.21	77.78	0.00233
14.14	70.71	0.00293	7.07	63.64	0.00373
0.00	56.57	0.00485	-7.07	49.50	0.00645
-10.61	45.96	0.00752	-14.14	42.43	0.00884

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 131  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00977	-17.68	38.89	0.01046
-19.09	37.48	0.01122	-20.51	36.06	0.01207
-21.92	34.65	0.01301	-34.65	21.92	0.01008
-36.06	20.51	0.00926	-37.48	19.09	0.00858
-38.89	17.68	0.00802	-40.31	16.26	0.00754
-42.43	14.14	0.00691	-45.96	10.61	0.00605
-49.50	7.07	0.00536	-56.57	0.00	0.00432
-63.64	-7.07	0.00354	-70.71	-14.14	0.00294
-77.78	-21.21	0.00248	-84.85	-28.28	0.00211
-91.92	-35.36	0.00181	-98.99	-42.43	0.00157
49.50	91.92	0.00133	42.43	84.85	0.00160
35.36	77.78	0.00195	28.28	70.71	0.00240
21.21	63.64	0.00301	14.14	56.57	0.00382
7.07	49.50	0.00494	0.00	42.43	0.00655
-3.54	38.89	0.00762	-7.07	35.36	0.00893
-9.19	33.23	0.00987	-10.61	31.82	0.01056
-12.02	30.41	0.01132	-13.44	28.99	0.01216
-14.85	27.58	0.01309	-27.58	14.85	0.01013
-28.99	13.44	0.00933	-30.41	12.02	0.00867
-31.82	10.61	0.00811	-33.23	9.19	0.00761
-35.36	7.07	0.00698	-38.89	3.54	0.00613
-42.43	0.00	0.00543	-49.50	-7.07	0.00437
-56.57	-14.14	0.00359	-63.64	-21.21	0.00299
-70.71	-28.28	0.00252	-77.78	-35.36	0.00214
-84.85	-42.43	0.00184	-91.92	-49.50	0.00160
56.57	84.85	0.00138	49.50	77.78	0.00165
42.43	70.71	0.00201	35.36	63.64	0.00247
28.28	56.57	0.00308	21.21	49.50	0.00390

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00503	7.07	35.36	0.00664
3.54	31.82	0.00770	0.00	28.28	0.00902
-2.12	26.16	0.00995	-3.54	24.75	0.01065
-4.95	23.33	0.01140	-6.36	21.92	0.01223
-7.78	20.51	0.01317	-20.51	7.78	0.01020
-21.92	6.36	0.00939	-23.33	4.95	0.00874
-24.75	3.54	0.00817	-26.16	2.12	0.00768
-28.28	0.00	0.00705	-31.82	-3.54	0.00618
-35.36	-7.07	0.00549	-42.43	-14.14	0.00443
-49.50	-21.21	0.00364	-56.57	-28.28	0.00303
-63.64	-35.36	0.00255	-70.71	-42.43	0.00217
-77.78	-49.50	0.00187	-84.85	-56.57	0.00162

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00142	56.57	70.71	0.00171
49.50	63.64	0.00207	42.43	56.57	0.00253
35.36	49.50	0.00315	28.28	42.43	0.00397
21.21	35.36	0.00510	14.14	28.28	0.00671
10.61	24.75	0.00778	7.07	21.21	0.00909
4.95	19.09	0.01003	3.54	17.68	0.01072
2.12	16.26	0.01147	0.71	14.85	0.01230
-0.71	13.44	0.01323	-13.44	0.71	0.01026
-14.85	-0.71	0.00946	-16.26	-2.12	0.00880
-17.68	-3.54	0.00823	-19.09	-4.95	0.00774
-21.21	-7.07	0.00710	-24.75	-10.61	0.00624
-28.28	-14.14	0.00554	-35.36	-21.21	0.00447
-42.43	-28.28	0.00368	-49.50	-35.36	0.00307
-56.57	-42.43	0.00259	-63.64	-49.50	0.00220
-70.71	-56.57	0.00189	-77.78	-63.64	0.00164
70.71	70.71	0.00147	63.64	63.64	0.00175
56.57	56.57	0.00212	49.50	49.50	0.00259
42.43	42.43	0.00321	35.36	35.36	0.00403
28.28	28.28	0.00517	21.21	21.21	0.00678
17.68	17.68	0.00785	14.14	14.14	0.00916
12.02	12.02	0.01009	10.61	10.61	0.01078
9.19	9.19	0.01154	7.78	7.78	0.01237

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01330	-6.36	-6.36	0.01032
-7.78	-7.78	0.00951	-9.19	-9.19	0.00885
-10.61	-10.61	0.00828	-12.02	-12.02	0.00779
-14.14	-14.14	0.00715	-17.68	-17.68	0.00629
-21.21	-21.21	0.00559	-28.28	-28.28	0.00451
-35.36	-35.36	0.00371	-42.43	-42.43	0.00310
-49.50	-49.50	0.00261	-56.57	-56.57	0.00223
-63.64	-63.64	0.00191	-70.71	-70.71	0.00166
77.78	63.64	0.00151	70.71	56.57	0.00180
63.64	49.50	0.00217	56.57	42.43	0.00264
49.50	35.36	0.00326	42.43	28.28	0.00409
35.36	21.21	0.00523	28.28	14.14	0.00684
24.75	10.61	0.00790	21.21	7.07	0.00922
19.09	4.95	0.01015	17.68	3.54	0.01083
16.26	2.12	0.01159	14.85	0.71	0.01242
13.44	-0.71	0.01335	0.71	-13.44	0.01037
-0.71	-14.85	0.00956	-2.12	-16.26	0.00890
-3.54	-17.68	0.00833	-4.95	-19.09	0.00784

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 133  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00720	-10.61	-24.75	0.00633
-14.14	-28.28	0.00563	-21.21	-35.36	0.00455
-28.28	-42.43	0.00374	-35.36	-49.50	0.00313
-42.43	-56.57	0.00264	-49.50	-63.64	0.00225
-56.57	-70.71	0.00193	-63.64	-77.78	0.00168
84.85	56.57	0.00155	77.78	49.50	0.00184
70.71	42.43	0.00222	63.64	35.36	0.00269
56.57	28.28	0.00332	49.50	21.21	0.00414
42.43	14.14	0.00528	35.36	7.07	0.00689
31.82	3.54	0.00795	28.28	0.00	0.00927
26.16	-2.12	0.01020	24.75	-3.54	0.01089
23.33	-4.95	0.01164	21.92	-6.36	0.01247
20.51	-7.78	0.01340	7.78	-20.51	0.01042
6.36	-21.92	0.00960	4.95	-23.33	0.00894
3.54	-24.75	0.00837	2.12	-26.16	0.00787
0.00	-28.28	0.00723	-3.54	-31.82	0.00636

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00566	-14.14	-42.43	0.00457
-21.21	-49.50	0.00377	-28.28	-56.57	0.00315
-35.36	-63.64	0.00266	-42.43	-70.71	0.00227
-49.50	-77.78	0.00195	-56.57	-84.85	0.00169
91.92	49.50	0.00159	84.85	42.43	0.00189
77.78	35.36	0.00226	70.71	28.28	0.00274
63.64	21.21	0.00336	56.57	14.14	0.00419
49.50	7.07	0.00533	42.43	0.00	0.00693
38.89	-3.54	0.00800	35.36	-7.07	0.00931
33.23	-9.19	0.01024	31.82	-10.61	0.01093
30.41	-12.02	0.01168	28.99	-13.44	0.01252
27.58	-14.85	0.01345	14.85	-27.58	0.01047
13.44	-28.99	0.00964	12.02	-30.41	0.00897
10.61	-31.82	0.00840	9.19	-33.23	0.00791
7.07	-35.36	0.00726	3.54	-38.89	0.00639
0.00	-42.43	0.00569	-7.07	-49.50	0.00460
-14.14	-56.57	0.00379	-21.21	-63.64	0.00317
-28.28	-70.71	0.00268	-35.36	-77.78	0.00228
-42.43	-84.85	0.00196	-49.50	-91.92	0.00170
98.99	42.43	0.00162	91.92	35.36	0.00192
84.85	28.28	0.00230	77.78	21.21	0.00278
70.71	14.14	0.00340	63.64	7.07	0.00423
56.57	0.00	0.00537	49.50	-7.07	0.00697
45.96	-10.61	0.00804	42.43	-14.14	0.00935

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.01027	38.89	-17.68	0.01096
37.48	-19.09	0.01172	36.06	-20.51	0.01256
34.65	-21.92	0.01349	21.92	-34.65	0.01051
20.51	-36.06	0.00968	19.09	-37.48	0.00899
17.68	-38.89	0.00843	16.26	-40.31	0.00793
14.14	-42.43	0.00729	10.61	-45.96	0.00641
7.07	-49.50	0.00571	0.00	-56.57	0.00462
-7.07	-63.64	0.00381	-14.14	-70.71	0.00318
-21.21	-77.78	0.00269	-28.28	-84.85	0.00229
-35.36	-91.92	0.00197	-42.43	-98.99	0.00171

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00166	98.99	28.28	0.00196
91.92	21.21	0.00234	84.85	14.14	0.00282
77.78	7.07	0.00344	70.71	0.00	0.00427
63.64	-7.07	0.00540	56.57	-14.14	0.00700
53.03	-17.68	0.00807	49.50	-21.21	0.00938
47.38	-23.33	0.01030	45.96	-24.75	0.01099
44.55	-26.16	0.01174	43.13	-27.58	0.01259
41.72	-28.99	0.01353	28.99	-41.72	0.01053
27.58	-43.13	0.00970	26.16	-44.55	0.00902
24.75	-45.96	0.00845	23.33	-47.38	0.00795
21.21	-49.50	0.00731	17.68	-53.03	0.00643
14.14	-56.57	0.00572	7.07	-63.64	0.00463
0.00	-70.71	0.00382	-7.07	-77.78	0.00319
-14.14	-84.85	0.00270	-21.21	-91.92	0.00230
-28.28	-98.99	0.00198	-35.36	-106.07	0.00172
113.14	28.28	0.00169	106.07	21.21	0.00199
98.99	14.14	0.00237	91.92	7.07	0.00285
84.85	0.00	0.00347	77.78	-7.07	0.00430
70.71	-14.14	0.00543	63.64	-21.21	0.00703
60.10	-24.75	0.00810	56.57	-28.28	0.00940
54.45	-30.41	0.01033	53.03	-31.82	0.01102
51.62	-33.23	0.01177	50.20	-34.65	0.01261
48.79	-36.06	0.01354	36.06	-48.79	0.01052
34.65	-50.20	0.00971	33.23	-51.62	0.00904
31.82	-53.03	0.00847	30.41	-54.45	0.00797
28.28	-56.57	0.00732	24.75	-60.10	0.00645
21.21	-63.64	0.00573	14.14	-70.71	0.00464
7.07	-77.78	0.00382	0.00	-84.85	0.00320
-7.07	-91.92	0.00270	-14.14	-98.99	0.00231
-21.21	-106.07	0.00199	-28.28	-113.14	0.00172

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00172	113.14	14.14	0.00202
106.07	7.07	0.00240	98.99	0.00	0.00288
91.92	-7.07	0.00350	84.85	-14.14	0.00433
77.78	-21.21	0.00545	70.71	-28.28	0.00706



18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00812	63.64	-35.36	0.00943
61.52	-37.48	0.01035	60.10	-38.89	0.01104
58.69	-40.31	0.01179	57.28	-41.72	0.01262
55.86	-43.13	0.01355	43.13	-55.86	0.01053
41.72	-57.28	0.00971	40.31	-58.69	0.00905
38.89	-60.10	0.00848	37.48	-61.52	0.00798
35.36	-63.64	0.00733	31.82	-67.18	0.00645
28.28	-70.71	0.00574	21.21	-77.78	0.00464
14.14	-84.85	0.00382	7.07	-91.92	0.00320
0.00	-98.99	0.00270	-7.07	-106.07	0.00231
-14.14	-113.14	0.00199	-21.21	-120.21	0.00172
127.28	14.14	0.00175	120.21	7.07	0.00205
113.14	0.00	0.00243	106.07	-7.07	0.00291
98.99	-14.14	0.00353	91.92	-21.21	0.00435
84.85	-28.28	0.00547	77.78	-35.36	0.00707
74.25	-38.89	0.00813	70.71	-42.43	0.00944
68.59	-44.55	0.01036	67.18	-45.96	0.01105
65.76	-47.38	0.01180	64.35	-48.79	0.01263
62.93	-50.20	0.01355	50.20	-62.93	0.01053
48.79	-64.35	0.00972	47.38	-65.76	0.00905
45.96	-67.18	0.00848	44.55	-68.59	0.00798
42.43	-70.71	0.00733	38.89	-74.25	0.00645
35.36	-77.78	0.00574	28.28	-84.85	0.00463
21.21	-91.92	0.00382	14.14	-98.99	0.00319
7.07	-106.07	0.00270	0.00	-113.14	0.00231
-7.07	-120.21	0.00199	-14.14	-127.28	0.00172
134.35	7.07	0.00177	127.28	0.00	0.00208
120.21	-7.07	0.00246	113.14	-14.14	0.00293
106.07	-21.21	0.00355	98.99	-28.28	0.00437
91.92	-35.36	0.00549	84.85	-42.43	0.00708
81.32	-45.96	0.00814	77.78	-49.50	0.00944
75.66	-51.62	0.01036	74.25	-53.03	0.01105
72.83	-54.45	0.01180	71.42	-55.86	0.01263
70.00	-57.28	0.01356	57.28	-70.00	0.01053
55.86	-71.42	0.00971	54.45	-72.83	0.00904
53.03	-74.25	0.00847	51.62	-75.66	0.00797

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 136

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00733	45.96	-81.32	0.00644
42.43	-84.85	0.00573	35.36	-91.92	0.00462
28.28	-98.99	0.00381	21.21	-106.07	0.00318
14.14	-113.14	0.00269	7.07	-120.21	0.00230
0.00	-127.28	0.00198	-7.07	-134.35	0.00172
141.42	0.00	0.00180	134.35	-7.07	0.00210
127.28	-14.14	0.00248	120.21	-21.21	0.00296
113.14	-28.28	0.00357	106.07	-35.36	0.00438
98.99	-42.43	0.00550	91.92	-49.50	0.00709
88.39	-53.03	0.00814	84.85	-56.57	0.00944
82.73	-58.69	0.01036	81.32	-60.10	0.01104
79.90	-61.52	0.01180	78.49	-62.93	0.01262
77.07	-64.35	0.01355	64.35	-77.07	0.01052
62.93	-78.49	0.00970	61.52	-79.90	0.00903
60.10	-81.32	0.00845	58.69	-82.73	0.00796
56.57	-84.85	0.00731	53.03	-88.39	0.00642
49.50	-91.92	0.00571	42.43	-98.99	0.00461
35.36	-106.07	0.00379	28.28	-113.14	0.00317
21.21	-120.21	0.00268	14.14	-127.28	0.00229
7.07	-134.35	0.00197	0.00	-141.42	0.00171
148.49	-7.07	0.00182	141.42	-14.14	0.00212
134.35	-21.21	0.00250	127.28	-28.28	0.00298
120.21	-35.36	0.00359	113.14	-42.43	0.00439
106.07	-49.50	0.00550	98.99	-56.57	0.00708
95.46	-60.10	0.00813	91.92	-63.64	0.00943
89.80	-65.76	0.01035	88.39	-67.18	0.01104
86.97	-68.59	0.01178	85.56	-70.00	0.01261
84.15	-71.42	0.01353	71.42	-84.15	0.01050
70.00	-85.56	0.00967	68.59	-86.97	0.00901
67.18	-88.39	0.00843	65.76	-89.80	0.00793
63.64	-91.92	0.00728	60.10	-95.46	0.00639
56.57	-98.99	0.00568	49.50	-106.07	0.00458
42.43	-113.14	0.00377	35.36	-120.21	0.00315
28.28	-127.28	0.00266	21.21	-134.35	0.00227
14.14	-141.42	0.00196	7.07	-148.49	0.00170
155.56	-14.14	0.00184	148.49	-21.21	0.00214
141.42	-28.28	0.00252	134.35	-35.36	0.00299
127.28	-42.43	0.00360	120.21	-49.50	0.00440
113.14	-56.57	0.00550	106.07	-63.64	0.00707
102.53	-67.18	0.00812	98.99	-70.71	0.00941

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:29:43  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.01033	95.46	-74.25	0.01101	
94.05	-75.66	0.01176	92.63	-77.07	0.01258	
91.22	-78.49	0.01351	78.49	-91.22	0.01048	
77.07	-92.63	0.00965	75.66	-94.05	0.00897	
74.25	-95.46	0.00839	72.83	-96.87	0.00789	
70.71	-98.99	0.00724	67.18	-102.53	0.00636	
63.64	-106.07	0.00564	56.57	-113.14	0.00454	
49.50	-120.21	0.00374	42.43	-127.28	0.00312	
35.36	-134.35	0.00264	28.28	-141.42	0.00225	
21.21	-148.49	0.00194	14.14	-155.56	0.00169	
162.63	-21.21	0.00186	155.56	-28.28	0.00216	
148.49	-35.36	0.00254	141.42	-42.43	0.00301	
134.35	-49.50	0.00361	127.28	-56.57	0.00441	
120.21	-63.64	0.00549	113.14	-70.71	0.00705	
109.60	-74.25	0.00810	106.07	-77.78	0.00938	
103.94	-79.90	0.01030	102.53	-81.32	0.01098	
101.12	-82.73	0.01172	99.70	-84.15	0.01255	
98.29	-85.56	0.01348	85.56	-98.29	0.01044	
84.15	-99.70	0.00960	82.73	-101.12	0.00891	
81.32	-102.53	0.00834	79.90	-103.94	0.00784	
77.78	-106.07	0.00719	74.25	-109.60	0.00630	
70.71	-113.14	0.00559	63.64	-120.21	0.00450	
56.57	-127.28	0.00370	49.50	-134.35	0.00309	
42.43	-141.42	0.00261	35.36	-148.49	0.00223	
28.28	-155.56	0.00193	21.21	-162.63	0.00168	
169.71	-28.28	0.00188	162.63	-35.36	0.00218	
155.56	-42.43	0.00255	148.49	-49.50	0.00302	
141.42	-56.57	0.00362	134.35	-63.64	0.00441	
127.28	-70.71	0.00548	120.21	-77.78	0.00703	
116.67	-81.32	0.00806	113.14	-84.85	0.00934	
111.02	-86.97	0.01025	109.60	-88.39	0.01093	
108.19	-89.80	0.01167	106.77	-91.22	0.01251	
105.36	-92.63	0.01344	92.63	-105.36	0.01038	
91.22	-106.77	0.00954	89.80	-108.19	0.00885	
88.39	-109.60	0.00827	86.97	-111.02	0.00777	
84.85	-113.14	0.00712	81.32	-116.67	0.00623	

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00552	70.71	-127.28	0.00444
63.64	-134.35	0.00365	56.57	-141.42	0.00304
49.50	-148.49	0.00258	42.43	-155.56	0.00221
35.36	-162.63	0.00191	28.28	-169.71	0.00167

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00190	169.71	-42.43	0.00220
162.63	-49.50	0.00257	155.56	-56.57	0.00303
148.49	-63.64	0.00362	141.42	-70.71	0.00440
134.35	-77.78	0.00547	127.28	-84.85	0.00699
123.74	-88.39	0.00802	120.21	-91.92	0.00929
118.09	-94.05	0.01020	116.67	-95.46	0.01087
115.26	-96.87	0.01161	113.84	-98.29	0.01244
112.43	-99.70	0.01336	99.70	-112.43	0.01026
98.29	-113.84	0.00945	96.87	-115.26	0.00877
95.46	-116.67	0.00819	94.05	-118.09	0.00768
91.92	-120.21	0.00703	88.39	-123.74	0.00615
84.85	-127.28	0.00544	77.78	-134.35	0.00437
70.71	-141.42	0.00359	63.64	-148.49	0.00299
56.57	-155.56	0.00254	49.50	-162.63	0.00218
42.43	-169.71	0.00189	35.36	-176.78	0.00166
183.85	-42.43	0.00191	176.78	-49.50	0.00221
169.71	-56.57	0.00258	162.63	-63.64	0.00304
155.56	-70.71	0.00362	148.49	-77.78	0.00440
141.42	-84.85	0.00545	134.35	-91.92	0.00696
130.81	-95.46	0.00797	127.28	-98.99	0.00922
125.16	-101.12	0.01012	123.74	-102.53	0.01079
122.33	-103.94	0.01152	120.92	-105.36	0.01234
119.50	-106.77	0.01325	106.77	-119.50	0.01014
105.36	-120.92	0.00932	103.94	-122.33	0.00864
102.53	-123.74	0.00807	101.12	-125.16	0.00756
98.99	-127.28	0.00692	95.46	-130.81	0.00604
91.92	-134.35	0.00534	84.85	-141.42	0.00428
77.78	-148.49	0.00352	70.71	-155.56	0.00294
63.64	-162.63	0.00250	56.57	-169.71	0.00215
49.50	-176.78	0.00187	42.43	-183.85	0.00164

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00192	183.85	-56.57	0.00222
176.78	-63.64	0.00258	169.71	-70.71	0.00304
162.63	-77.78	0.00362	155.56	-84.85	0.00439
148.49	-91.92	0.00543	141.42	-98.99	0.00691
137.89	-102.53	0.00790	134.35	-106.07	0.00914
132.23	-108.19	0.01002	130.81	-109.60	0.01069
129.40	-111.02	0.01141	127.99	-112.43	0.01222
126.57	-113.84	0.01312	113.84	-126.57	0.00999
112.43	-127.99	0.00917	111.02	-129.40	0.00849
109.60	-130.81	0.00791	108.19	-132.23	0.00741

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00677	102.53	-137.89	0.00590
98.99	-141.42	0.00522	91.92	-148.49	0.00418
84.85	-155.56	0.00344	77.78	-162.63	0.00289
70.71	-169.71	0.00246	63.64	-176.78	0.00213
56.57	-183.85	0.00186	49.50	-190.92	0.00163
197.99	-56.57	0.00193	190.92	-63.64	0.00223
183.85	-70.71	0.00259	176.78	-77.78	0.00304
169.71	-84.85	0.00362	162.63	-91.92	0.00438
155.56	-98.99	0.00541	148.49	-106.07	0.00686
144.96	-109.60	0.00784	141.42	-113.14	0.00904
139.30	-115.26	0.00990	137.89	-116.67	0.01055
136.47	-118.09	0.01127	135.06	-119.50	0.01206
133.64	-120.92	0.01296	120.92	-133.64	0.00979
119.50	-135.06	0.00896	118.09	-136.47	0.00829
116.67	-137.89	0.00771	115.26	-139.30	0.00722
113.14	-141.42	0.00659	109.60	-144.96	0.00574
106.07	-148.49	0.00507	98.99	-155.56	0.00407
91.92	-162.63	0.00336	84.85	-169.71	0.00284
77.78	-176.78	0.00243	70.71	-183.85	0.00210
63.64	-190.92	0.00184	56.57	-197.99	0.00162
205.06	-63.64	0.00194	197.99	-70.71	0.00223
190.92	-77.78	0.00259	183.85	-84.85	0.00304
176.78	-91.92	0.00361	169.71	-98.99	0.00436
162.63	-106.07	0.00538	155.56	-113.14	0.00681

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00776	148.49	-120.21	0.00893
146.37	-122.33	0.00977	144.96	-123.74	0.01040
143.54	-125.16	0.01110	142.13	-126.57	0.01187
140.71	-127.99	0.01275	127.99	-140.71	0.00952
126.57	-142.13	0.00869	125.16	-143.54	0.00803
123.74	-144.96	0.00746	122.33	-146.37	0.00698
120.21	-148.49	0.00636	116.67	-152.03	0.00554
113.14	-155.56	0.00490	106.07	-162.63	0.00396
98.99	-169.71	0.00329	91.92	-176.78	0.00279
84.85	-183.85	0.00240	77.78	-190.92	0.00208
70.71	-197.99	0.00182	63.64	-205.06	0.00161
212.13	-70.71	0.00194	205.06	-77.78	0.00223
197.99	-84.85	0.00259	190.92	-91.92	0.00303
183.85	-98.99	0.00360	176.78	-106.07	0.00434
169.71	-113.14	0.00534	162.63	-120.21	0.00675
159.10	-123.74	0.00768	155.56	-127.28	0.00882

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00963	152.03	-130.81	0.01024
150.61	-132.23	0.01090	149.20	-133.64	0.01164
147.79	-135.06	0.01249	135.06	-147.79	0.00917
133.64	-149.20	0.00835	132.23	-150.61	0.00770
130.81	-152.03	0.00716	129.40	-153.44	0.00669
127.28	-155.56	0.00610	123.74	-159.10	0.00534
120.21	-162.63	0.00474	113.14	-169.71	0.00387
106.07	-176.78	0.00323	98.99	-183.85	0.00275
91.92	-190.92	0.00236	84.85	-197.99	0.00205
77.78	-205.06	0.00180	70.71	-212.13	0.00159
219.20	-77.78	0.00194	212.13	-84.85	0.00223
205.06	-91.92	0.00258	197.99	-98.99	0.00302
190.92	-106.07	0.00358	183.85	-113.14	0.00431
176.78	-120.21	0.00530	169.71	-127.28	0.00668
166.17	-130.81	0.00759	162.63	-134.35	0.00871
160.51	-136.47	0.00949	159.10	-137.89	0.01007
157.68	-139.30	0.01070	156.27	-140.71	0.01140
154.86	-142.13	0.01220	142.13	-154.86	0.00874

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00795	139.30	-157.68	0.00734
137.89	-159.10	0.00683	136.47	-160.51	0.00641
134.35	-162.63	0.00587	130.81	-166.17	0.00517
127.28	-169.71	0.00462	120.21	-176.78	0.00379
113.14	-183.85	0.00317	106.07	-190.92	0.00270
98.99	-197.99	0.00233	91.92	-205.06	0.00203
84.85	-212.13	0.00178	77.78	-219.20	0.00158
226.27	-84.85	0.00194	219.20	-91.92	0.00223
212.13	-98.99	0.00257	205.06	-106.07	0.00301
197.99	-113.14	0.00355	190.92	-120.21	0.00427
183.85	-127.28	0.00523	176.78	-134.35	0.00658
173.24	-137.89	0.00748	169.71	-141.42	0.00856
167.58	-143.54	0.00933	166.17	-144.96	0.00989
164.76	-146.37	0.01050	163.34	-147.79	0.01118
161.93	-149.20	0.01192	149.20	-161.93	0.00831
147.79	-163.34	0.00762	146.37	-164.76	0.00706
144.96	-166.17	0.00661	143.54	-167.58	0.00622
141.42	-169.71	0.00572	137.89	-173.24	0.00505
134.35	-176.78	0.00452	127.28	-183.85	0.00371
120.21	-190.92	0.00311	113.14	-197.99	0.00266
106.07	-205.06	0.00229	98.99	-212.13	0.00200
91.92	-219.20	0.00176	84.85	-226.27	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00194	226.27	-98.99	0.00222
219.20	-106.07	0.00257	212.13	-113.14	0.00299
205.06	-120.21	0.00353	197.99	-127.28	0.00423
190.92	-134.35	0.00516	183.85	-141.42	0.00647
180.31	-144.96	0.00733	176.78	-148.49	0.00837
174.66	-150.61	0.00910	173.24	-152.03	0.00964
171.83	-153.44	0.01021	170.41	-154.86	0.01084
169.00	-156.27	0.01150	156.27	-169.00	0.00796
154.86	-170.41	0.00734	153.44	-171.83	0.00682
152.03	-173.24	0.00639	150.61	-174.66	0.00602
148.49	-176.78	0.00555	144.96	-180.31	0.00491
141.42	-183.85	0.00439	134.35	-190.92	0.00362

18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00304	120.21	-205.06	0.00260
113.14	-212.13	0.00225	106.07	-219.20	0.00197
98.99	-226.27	0.00173	91.92	-233.35	0.00154
240.42	-98.99	0.00194	233.35	-106.07	0.00222
226.27	-113.14	0.00255	219.20	-120.21	0.00297
212.13	-127.28	0.00349	205.06	-134.35	0.00417
197.99	-141.42	0.00507	190.92	-148.49	0.00631
187.38	-152.03	0.00710	183.85	-155.56	0.00801
181.73	-157.68	0.00861	180.31	-159.10	0.00902
178.90	-160.51	0.00942	177.48	-161.93	0.00980
176.07	-163.34	0.01012	163.34	-176.07	0.00730
161.93	-177.48	0.00684	160.51	-178.90	0.00643
159.10	-180.31	0.00606	157.68	-181.73	0.00573
155.56	-183.85	0.00530	152.03	-187.38	0.00471
148.49	-190.92	0.00422	141.42	-197.99	0.00348
134.35	-205.06	0.00294	127.28	-212.13	0.00252
120.21	-219.20	0.00219	113.14	-226.27	0.00192
106.07	-233.35	0.00170	98.99	-240.42	0.00151
247.49	-106.07	0.00194	240.42	-113.14	0.00221
233.35	-120.21	0.00253	226.27	-127.28	0.00294
219.20	-134.35	0.00344	212.13	-141.42	0.00408
205.06	-148.49	0.00492	197.99	-155.56	0.00602
194.45	-159.10	0.00667	190.92	-162.63	0.00735
188.80	-164.76	0.00774	187.38	-166.17	0.00799
185.97	-167.58	0.00822	184.55	-169.00	0.00840
183.14	-170.41	0.00852	170.41	-183.14	0.00652
169.00	-184.55	0.00620	167.58	-185.97	0.00589
166.17	-187.38	0.00561	164.76	-188.80	0.00534

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00497	159.10	-194.45	0.00445
155.56	-197.99	0.00402	148.49	-205.06	0.00334
141.42	-212.13	0.00283	134.35	-219.20	0.00243
127.28	-226.27	0.00212	120.21	-233.35	0.00186
113.14	-240.42	0.00165	106.07	-247.49	0.00148

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*



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18NCRA\_PL93-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00850 AT ( 161.93, -149.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT ( 169.00, -156.27, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT ( 154.86, -142.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT ( 147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT ( 170.41, -154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT ( 163.34, -147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT ( 140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00751 AT ( 156.27, -140.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT ( 176.07, -163.34, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT ( 149.20, -133.64, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00850 AT ( 98.29, -85.56, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT ( 105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT ( 91.22, -78.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT ( 84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT ( 106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT ( 99.70, -84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT ( 77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00751 AT ( 92.63, -77.07, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT ( 112.43, -99.70, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT ( 85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00850 AT ( 34.65, -21.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT ( 41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT ( 27.58, -14.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT ( 20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT ( 43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT ( 36.06, -20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT ( 13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT ( 28.99, -13.44, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT ( 48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT ( 21.92, -6.36, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00850 AT ( -28.99, 41.72, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT ( -21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT ( -36.06, 48.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT ( -43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT ( -20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT ( -27.58, 43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT ( -50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT ( -34.65, 50.20, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00736 AT ( -14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722 AT ( -41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00850 AT ( -92.63, 105.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00844 AT ( -85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00834 AT ( -99.70, 112.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00809 AT ( -106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00776 AT ( -84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00773 AT ( -91.22, 106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00768 AT ( -113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00752 AT ( -98.29, 113.84, 0.00, 1.20)	DC	NA

18NCRA_PL93-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00736	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00722	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01356	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01355	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01355	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01355	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01354	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01353	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01353	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01351	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01349	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01348	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 8 Informational Message(s)  
 A Total of 8 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 15:39:36

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at SE/NW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-98.99	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
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RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
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RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
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RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
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RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
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RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
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RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	99.0	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
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RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
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RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
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RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
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RE DISCCART	-169.71	98.99	1.2
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RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
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RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
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RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2



RE DISCCART	-113.14	141.42	1.2
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RE DISCCART	-133.64	120.92	1.2
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RE DISCCART	-98.99	141.42	1.2
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RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

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RE DISCCART	-28.28	141.42	1.2
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RE DISCCART -89.8 65.76 1.2  
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RE DISCCART -21.21 120.21 1.2  
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RE DISCCART -35.36 106.07 1.2  
RE DISCCART -42.43 98.99 1.2  
RE DISCCART -49.5 91.92 1.2  
RE DISCCART -53.03 88.39 1.2  
RE DISCCART -56.57 84.85 1.2  
RE DISCCART -58.69 82.73 1.2  
RE DISCCART -60.1 81.32 1.2  
RE DISCCART -61.52 79.9 1.2  
RE DISCCART -62.93 78.49 1.2  
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RE DISCCART -77.07 64.35 1.2  
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RE DISCCART -79.9 61.52 1.2  
RE DISCCART -81.32 60.1 1.2  
RE DISCCART -82.73 58.69 1.2  
RE DISCCART -84.85 56.57 1.2  
RE DISCCART -88.39 53.03 1.2  
RE DISCCART -91.92 49.5 1.2  
RE DISCCART -98.99 42.43 1.2  
RE DISCCART -106.07 35.36 1.2  
RE DISCCART -113.14 28.28 1.2  
RE DISCCART -120.21 21.21 1.2  
RE DISCCART -127.28 14.14 1.2  
RE DISCCART -134.35 7.07 1.2  
RE DISCCART -141.42 0.0 1.2  
RE DISCCART 7.07 134.35 1.2  
RE DISCCART 0.0 127.28 1.2  
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
RE DISCCART	-70.0	57.28	1.2
RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
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RE DISCCART	-64.35	48.79	1.2

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 RE DISCCART -84.85 28.28 1.2  
 RE DISCCART -91.92 21.21 1.2  
 RE DISCCART -98.99 14.14 1.2  
 RE DISCCART -106.07 7.07 1.2  
 RE DISCCART -113.14 0.0 1.2  
 RE DISCCART -120.21 -7.07 1.2  
 RE DISCCART -127.28 -14.14 1.2  
 RE DISCCART 21.21 120.21 1.2  
 RE DISCCART 14.14 113.14 1.2  
 RE DISCCART 7.07 106.07 1.2  
 RE DISCCART 0.0 98.99 1.2  
 RE DISCCART -7.07 91.92 1.2  
 RE DISCCART -14.14 84.85 1.2  
 RE DISCCART -21.21 77.78 1.2  
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 RE DISCCART -31.82 67.18 1.2  
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 RE DISCCART -61.52 37.48 1.2  
 RE DISCCART -63.64 35.36 1.2  
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 RE DISCCART -70.71 28.28 1.2  
 RE DISCCART -77.78 21.21 1.2  
 RE DISCCART -84.85 14.14 1.2  
 RE DISCCART -91.92 7.07 1.2  
 RE DISCCART -98.99 0.0 1.2  
 RE DISCCART -106.07 -7.07 1.2  
 RE DISCCART -113.14 -14.14 1.2  
 RE DISCCART -120.21 -21.21 1.2  
 RE DISCCART 28.28 113.14 1.2



RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-24.75	60.1	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-30.41	54.45	1.2
RE DISCCART	-31.82	53.03	1.2
RE DISCCART	-33.23	51.62	1.2
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RE DISCCART	-53.03	31.82	1.2
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RE DISCCART	-60.1	24.75	1.2
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RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
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RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
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RE DISCCART	-23.33	47.38	1.2
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RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
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RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
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RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
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RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART -98.99 -42.43 1.2  
RE DISCCART 49.5 91.92 1.2  
RE DISCCART 42.43 84.85 1.2  
RE DISCCART 35.36 77.78 1.2  
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RE DISCCART 21.21 63.64 1.2  
RE DISCCART 14.14 56.57 1.2  
RE DISCCART 7.07 49.5 1.2  
RE DISCCART 0.0 42.43 1.2  
RE DISCCART -3.54 38.89 1.2  
RE DISCCART -7.07 35.36 1.2  
RE DISCCART -9.19 33.23 1.2  
RE DISCCART -10.61 31.82 1.2  
RE DISCCART -12.02 30.41 1.2  
RE DISCCART -13.44 28.99 1.2  
RE DISCCART -14.85 27.58 1.2  
RE DISCCART -27.58 14.85 1.2  
RE DISCCART -28.99 13.44 1.2  
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RE DISCCART -33.23 9.19 1.2  
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RE DISCCART -38.89 3.54 1.2  
RE DISCCART -42.43 0.0 1.2  
RE DISCCART -49.5 -7.07 1.2  
RE DISCCART -56.57 -14.14 1.2  
RE DISCCART -63.64 -21.21 1.2  
RE DISCCART -70.71 -28.28 1.2  
RE DISCCART -77.78 -35.36 1.2  
RE DISCCART -84.85 -42.43 1.2  
RE DISCCART -91.92 -49.5 1.2  
RE DISCCART 56.57 84.85 1.2  
RE DISCCART 49.5 77.78 1.2  
RE DISCCART 42.43 70.71 1.2  
RE DISCCART 35.36 63.64 1.2  
RE DISCCART 28.28 56.57 1.2  
RE DISCCART 21.21 49.5 1.2  
RE DISCCART 14.14 42.43 1.2  
RE DISCCART 7.07 35.36 1.2  
RE DISCCART 3.54 31.82 1.2  
RE DISCCART 0.0 28.28 1.2  
RE DISCCART -2.12 26.16 1.2  
RE DISCCART -3.54 24.75 1.2  
RE DISCCART -4.95 23.33 1.2

RE DISCCART	-6.36	21.92	1.2
RE DISCCART	-7.78	20.51	1.2
RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2



RE DISCCART 7.07 -63.64 1.2  
RE DISCCART 0.0 -70.71 1.2  
RE DISCCART -7.07 -77.78 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -91.92 1.2  
RE DISCCART -28.28 -98.99 1.2  
RE DISCCART -35.36 -106.07 1.2  
RE DISCCART 113.14 28.28 1.2  
RE DISCCART 106.07 21.21 1.2  
RE DISCCART 98.99 14.14 1.2  
RE DISCCART 91.92 7.07 1.2  
RE DISCCART 84.85 0.0 1.2  
RE DISCCART 77.78 -7.07 1.2  
RE DISCCART 70.71 -14.14 1.2  
RE DISCCART 63.64 -21.21 1.2  
RE DISCCART 60.1 -24.75 1.2  
RE DISCCART 56.57 -28.28 1.2  
RE DISCCART 54.45 -30.41 1.2  
RE DISCCART 53.03 -31.82 1.2  
RE DISCCART 51.62 -33.23 1.2  
RE DISCCART 50.2 -34.65 1.2  
RE DISCCART 48.79 -36.06 1.2  
RE DISCCART 36.06 -48.79 1.2  
RE DISCCART 34.65 -50.2 1.2  
RE DISCCART 33.23 -51.62 1.2  
RE DISCCART 31.82 -53.03 1.2  
RE DISCCART 30.41 -54.45 1.2  
RE DISCCART 28.28 -56.57 1.2  
RE DISCCART 24.75 -60.1 1.2  
RE DISCCART 21.21 -63.64 1.2  
RE DISCCART 14.14 -70.71 1.2  
RE DISCCART 7.07 -77.78 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -98.99 1.2  
RE DISCCART -21.21 -106.07 1.2  
RE DISCCART -28.28 -113.14 1.2  
RE DISCCART 120.21 21.21 1.2  
RE DISCCART 113.14 14.14 1.2  
RE DISCCART 106.07 7.07 1.2  
RE DISCCART 98.99 0.0 1.2  
RE DISCCART 91.92 -7.07 1.2  
RE DISCCART 84.85 -14.14 1.2  
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2



RE DISCCART	113.84	-126.57	1.2
RE DISCCART	112.43	-127.99	1.2
RE DISCCART	111.02	-129.4	1.2
RE DISCCART	109.6	-130.81	1.2
RE DISCCART	108.19	-132.23	1.2
RE DISCCART	106.07	-134.35	1.2
RE DISCCART	102.53	-137.89	1.2
RE DISCCART	98.99	-141.42	1.2
RE DISCCART	91.92	-148.49	1.2
RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
RE DISCCART	49.5	-190.92	1.2
RE DISCCART	197.99	-56.57	1.2
RE DISCCART	190.92	-63.64	1.2
RE DISCCART	183.85	-70.71	1.2
RE DISCCART	176.78	-77.78	1.2
RE DISCCART	169.71	-84.85	1.2
RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
RE DISCCART	144.96	-123.74	1.2
RE DISCCART	143.54	-125.16	1.2
RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
RE DISCCART	125.16	-143.54	1.2
RE DISCCART	123.74	-144.96	1.2
RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

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RE DISCCART	135.06	-147.79	1.2
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RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
RE DISCCART	127.28	-155.56	1.2
RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
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RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
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RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
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RE DISCCART	156.27	-140.71	1.2
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RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
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RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
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RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
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RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
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RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
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RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2  
 RE DISCCART 120.21 -219.2 1.2  
 RE DISCCART 113.14 -226.27 1.2  
 RE DISCCART 106.07 -233.35 1.2  
 RE DISCCART 98.99 -240.42 1.2  
 RE DISCCART 247.49 -106.07 1.2  
 RE DISCCART 240.42 -113.14 1.2  
 RE DISCCART 233.35 -120.21 1.2  
 RE DISCCART 226.27 -127.28 1.2  
 RE DISCCART 219.2 -134.35 1.2  
 RE DISCCART 212.13 -141.42 1.2  
 RE DISCCART 205.06 -148.49 1.2  
 RE DISCCART 197.99 -155.56 1.2  
 RE DISCCART 194.45 -159.1 1.2  
 RE DISCCART 190.92 -162.63 1.2  
 RE DISCCART 188.8 -164.76 1.2  
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 RE DISCCART 185.97 -167.58 1.2  
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 RE DISCCART 183.14 -170.41 1.2  
 RE DISCCART 170.41 -183.14 1.2  
 RE DISCCART 169.0 -184.55 1.2  
 RE DISCCART 167.58 -185.97 1.2  
 RE DISCCART 166.17 -187.38 1.2  
 RE DISCCART 164.76 -188.8 1.2  
 RE DISCCART 162.63 -190.92 1.2  
 RE DISCCART 159.1 -194.45 1.2  
 RE DISCCART 155.56 -197.99 1.2  
 RE DISCCART 148.49 -205.06 1.2  
 RE DISCCART 141.42 -212.13 1.2  
 RE DISCCART 134.35 -219.2 1.2  
 RE DISCCART 127.28 -226.27 1.2  
 RE DISCCART 120.21 -233.35 1.2  
 RE DISCCART 113.14 -240.42 1.2  
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 ME UAIRDATA 9901 1994  
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 ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL~1\PETALUMA\19NCRA~1.DAT





19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -148.5,	205.1,	0.0,	1.2);	( -155.6,	198.0,	0.0,	1.2);
( -159.1,	194.4,	0.0,	1.2);	( -162.6,	190.9,	0.0,	1.2);
( -164.8,	188.8,	0.0,	1.2);	( -166.2,	187.4,	0.0,	1.2);
( -167.6,	186.0,	0.0,	1.2);	( -169.0,	184.6,	0.0,	1.2);
( -170.4,	183.1,	0.0,	1.2);	( -183.1,	170.4,	0.0,	1.2);
( -184.6,	169.0,	0.0,	1.2);	( -186.0,	167.6,	0.0,	1.2);
( -187.4,	166.2,	0.0,	1.2);	( -188.8,	164.8,	0.0,	1.2);
( -190.9,	162.6,	0.0,	1.2);	( -194.4,	159.1,	0.0,	1.2);
( -198.0,	155.6,	0.0,	1.2);	( -205.1,	148.5,	0.0,	1.2);
( -212.1,	141.4,	0.0,	1.2);	( -219.2,	134.4,	0.0,	1.2);
( -226.3,	127.3,	0.0,	1.2);	( -233.4,	120.2,	0.0,	1.2);
( -240.4,	113.1,	0.0,	1.2);	( -247.5,	106.1,	0.0,	1.2);
( -99.0,	240.4,	0.0,	1.2);	( -106.1,	233.4,	0.0,	1.2);
( -113.1,	226.3,	0.0,	1.2);	( -120.2,	219.2,	0.0,	1.2);
( -127.3,	212.1,	0.0,	1.2);	( -134.4,	205.1,	0.0,	1.2);
( -141.4,	198.0,	0.0,	1.2);	( -148.5,	190.9,	0.0,	1.2);
( -152.0,	187.4,	0.0,	1.2);	( -155.6,	183.9,	0.0,	1.2);
( -157.7,	181.7,	0.0,	1.2);	( -159.1,	180.3,	0.0,	1.2);
( -160.5,	178.9,	0.0,	1.2);	( -161.9,	177.5,	0.0,	1.2);
( -163.3,	176.1,	0.0,	1.2);	( -176.1,	163.3,	0.0,	1.2);
( -177.5,	161.9,	0.0,	1.2);	( -178.9,	160.5,	0.0,	1.2);
( -180.3,	159.1,	0.0,	1.2);	( -181.7,	157.7,	0.0,	1.2);
( -183.9,	155.6,	0.0,	1.2);	( -187.4,	152.0,	0.0,	1.2);
( -190.9,	148.5,	0.0,	1.2);	( -198.0,	141.4,	0.0,	1.2);
( -205.1,	134.4,	0.0,	1.2);	( -212.1,	127.3,	0.0,	1.2);
( -219.2,	120.2,	0.0,	1.2);	( -226.3,	113.1,	0.0,	1.2);
( -233.4,	106.1,	0.0,	1.2);	( -240.4,	99.0,	0.0,	1.2);
( -91.9,	233.4,	0.0,	1.2);	( -99.0,	226.3,	0.0,	1.2);
( -106.1,	219.2,	0.0,	1.2);	( -113.1,	212.1,	0.0,	1.2);
( -120.2,	205.1,	0.0,	1.2);	( -127.3,	198.0,	0.0,	1.2);
( -134.4,	190.9,	0.0,	1.2);	( -141.4,	183.9,	0.0,	1.2);
( -145.0,	180.3,	0.0,	1.2);	( -148.5,	176.8,	0.0,	1.2);
( -150.6,	174.7,	0.0,	1.2);	( -152.0,	173.2,	0.0,	1.2);
( -153.4,	171.8,	0.0,	1.2);	( -154.9,	170.4,	0.0,	1.2);
( -156.3,	169.0,	0.0,	1.2);	( -169.0,	156.3,	0.0,	1.2);
( -170.4,	154.9,	0.0,	1.2);	( -171.8,	153.4,	0.0,	1.2);
( -173.2,	152.0,	0.0,	1.2);	( -174.7,	150.6,	0.0,	1.2);
( -176.8,	148.5,	0.0,	1.2);	( -180.3,	145.0,	0.0,	1.2);
( -183.9,	141.4,	0.0,	1.2);	( -190.9,	134.4,	0.0,	1.2);
( -198.0,	127.3,	0.0,	1.2);	( -205.1,	120.2,	0.0,	1.2);
( -212.1,	113.1,	0.0,	1.2);	( -219.2,	106.1,	0.0,	1.2);
( -226.3,	99.0,	0.0,	1.2);	( -233.4,	91.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

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15:39:36

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

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( -99.0, 212.1, 0.0, 1.2);	( -106.1, 205.1, 0.0, 1.2);
( -113.1, 198.0, 0.0, 1.2);	( -120.2, 190.9, 0.0, 1.2);
( -127.3, 183.9, 0.0, 1.2);	( -134.4, 176.8, 0.0, 1.2);
( -137.9, 173.2, 0.0, 1.2);	( -141.4, 169.7, 0.0, 1.2);
( -143.5, 167.6, 0.0, 1.2);	( -145.0, 166.2, 0.0, 1.2);
( -146.4, 164.8, 0.0, 1.2);	( -147.8, 163.3, 0.0, 1.2);
( -149.2, 161.9, 0.0, 1.2);	( -161.9, 149.2, 0.0, 1.2);
( -163.3, 147.8, 0.0, 1.2);	( -164.8, 146.4, 0.0, 1.2);
( -166.2, 145.0, 0.0, 1.2);	( -167.6, 143.5, 0.0, 1.2);
( -169.7, 141.4, 0.0, 1.2);	( -173.2, 137.9, 0.0, 1.2);
( -176.8, 134.4, 0.0, 1.2);	( -183.9, 127.3, 0.0, 1.2);
( -190.9, 120.2, 0.0, 1.2);	( -198.0, 113.1, 0.0, 1.2);
( -205.1, 106.1, 0.0, 1.2);	( -212.1, 99.0, 0.0, 1.2);
( -219.2, 91.9, 0.0, 1.2);	( -226.3, 84.8, 0.0, 1.2);
( -77.8, 219.2, 0.0, 1.2);	( -84.8, 212.1, 0.0, 1.2);
( -91.9, 205.1, 0.0, 1.2);	( -99.0, 198.0, 0.0, 1.2);
( -106.1, 190.9, 0.0, 1.2);	( -113.1, 183.9, 0.0, 1.2);
( -120.2, 176.8, 0.0, 1.2);	( -127.3, 169.7, 0.0, 1.2);
( -130.8, 166.2, 0.0, 1.2);	( -134.4, 162.6, 0.0, 1.2);
( -136.5, 160.5, 0.0, 1.2);	( -137.9, 159.1, 0.0, 1.2);
( -139.3, 157.7, 0.0, 1.2);	( -140.7, 156.3, 0.0, 1.2);
( -142.1, 154.9, 0.0, 1.2);	( -154.9, 142.1, 0.0, 1.2);
( -156.3, 140.7, 0.0, 1.2);	( -157.7, 139.3, 0.0, 1.2);
( -159.1, 137.9, 0.0, 1.2);	( -160.5, 136.5, 0.0, 1.2);
( -162.6, 134.4, 0.0, 1.2);	( -166.2, 130.8, 0.0, 1.2);
( -169.7, 127.3, 0.0, 1.2);	( -176.8, 120.2, 0.0, 1.2);
( -183.9, 113.1, 0.0, 1.2);	( -190.9, 106.1, 0.0, 1.2);
( -198.0, 99.0, 0.0, 1.2);	( -205.1, 91.9, 0.0, 1.2);
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( -70.7, 212.1, 0.0, 1.2);	( -77.8, 205.1, 0.0, 1.2);
( -84.8, 198.0, 0.0, 1.2);	( -91.9, 190.9, 0.0, 1.2);
( -99.0, 183.9, 0.0, 1.2);	( -106.1, 176.8, 0.0, 1.2);
( -113.1, 169.7, 0.0, 1.2);	( -120.2, 162.6, 0.0, 1.2);
( -123.7, 159.1, 0.0, 1.2);	( -127.3, 155.6, 0.0, 1.2);
( -129.4, 153.4, 0.0, 1.2);	( -130.8, 152.0, 0.0, 1.2);
( -132.2, 150.6, 0.0, 1.2);	( -133.6, 149.2, 0.0, 1.2);
( -135.1, 147.8, 0.0, 1.2);	( -147.8, 135.1, 0.0, 1.2);
( -149.2, 133.6, 0.0, 1.2);	( -150.6, 132.2, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -152.0,	130.8,	0.0,	1.2);	( -153.4,	129.4,	0.0,	1.2);
( -155.6,	127.3,	0.0,	1.2);	( -159.1,	123.7,	0.0,	1.2);
( -162.6,	120.2,	0.0,	1.2);	( -169.7,	113.1,	0.0,	1.2);
( -176.8,	106.1,	0.0,	1.2);	( -183.9,	99.0,	0.0,	1.2);
( -190.9,	91.9,	0.0,	1.2);	( -198.0,	84.8,	0.0,	1.2);
( -205.1,	77.8,	0.0,	1.2);	( -212.1,	70.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -63.6,	205.1,	0.0,	1.2);	( -70.7,	198.0,	0.0,	1.2);
( -77.8,	190.9,	0.0,	1.2);	( -84.8,	183.9,	0.0,	1.2);
( -91.9,	176.8,	0.0,	1.2);	( -99.0,	169.7,	0.0,	1.2);
( -106.1,	162.6,	0.0,	1.2);	( -113.1,	155.6,	0.0,	1.2);
( -116.7,	152.0,	0.0,	1.2);	( -120.2,	148.5,	0.0,	1.2);
( -122.3,	146.4,	0.0,	1.2);	( -123.7,	145.0,	0.0,	1.2);
( -125.2,	143.5,	0.0,	1.2);	( -126.6,	142.1,	0.0,	1.2);
( -128.0,	140.7,	0.0,	1.2);	( -140.7,	128.0,	0.0,	1.2);
( -142.1,	126.6,	0.0,	1.2);	( -143.5,	125.2,	0.0,	1.2);
( -145.0,	123.7,	0.0,	1.2);	( -146.4,	122.3,	0.0,	1.2);
( -148.5,	120.2,	0.0,	1.2);	( -152.0,	116.7,	0.0,	1.2);
( -155.6,	113.1,	0.0,	1.2);	( -162.6,	106.1,	0.0,	1.2);
( -169.7,	99.0,	0.0,	1.2);	( -176.8,	91.9,	0.0,	1.2);
( -183.9,	84.8,	0.0,	1.2);	( -190.9,	77.8,	0.0,	1.2);
( -198.0,	70.7,	0.0,	1.2);	( -205.1,	63.6,	0.0,	1.2);
( -56.6,	198.0,	0.0,	1.2);	( -63.6,	190.9,	0.0,	1.2);
( -70.7,	183.9,	0.0,	1.2);	( -77.8,	176.8,	0.0,	1.2);
( -84.8,	169.7,	0.0,	1.2);	( -91.9,	162.6,	0.0,	1.2);
( -99.0,	155.6,	0.0,	1.2);	( -106.1,	148.5,	0.0,	1.2);
( -109.6,	145.0,	0.0,	1.2);	( -113.1,	141.4,	0.0,	1.2);
( -115.3,	139.3,	0.0,	1.2);	( -116.7,	137.9,	0.0,	1.2);
( -118.1,	136.5,	0.0,	1.2);	( -119.5,	135.1,	0.0,	1.2);
( -120.9,	133.6,	0.0,	1.2);	( -133.6,	120.9,	0.0,	1.2);
( -135.1,	119.5,	0.0,	1.2);	( -136.5,	118.1,	0.0,	1.2);
( -137.9,	116.7,	0.0,	1.2);	( -139.3,	115.3,	0.0,	1.2);
( -141.4,	113.1,	0.0,	1.2);	( -145.0,	109.6,	0.0,	1.2);
( -148.5,	106.1,	0.0,	1.2);	( -155.6,	99.0,	0.0,	1.2);
( -162.6,	91.9,	0.0,	1.2);	( -169.7,	84.8,	0.0,	1.2);
( -176.8,	77.8,	0.0,	1.2);	( -183.9,	70.7,	0.0,	1.2);
( -190.9,	63.6,	0.0,	1.2);	( -198.0,	56.6,	0.0,	1.2);
( -49.5,	190.9,	0.0,	1.2);	( -56.6,	183.9,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -63.6,	176.8,	0.0,	1.2);	( -70.7,	169.7,	0.0,	1.2);
( -77.8,	162.6,	0.0,	1.2);	( -84.8,	155.6,	0.0,	1.2);
( -91.9,	148.5,	0.0,	1.2);	( -99.0,	141.4,	0.0,	1.2);
( -102.5,	137.9,	0.0,	1.2);	( -106.1,	134.4,	0.0,	1.2);
( -108.2,	132.2,	0.0,	1.2);	( -109.6,	130.8,	0.0,	1.2);
( -111.0,	129.4,	0.0,	1.2);	( -112.4,	128.0,	0.0,	1.2);
( -113.8,	126.6,	0.0,	1.2);	( -126.6,	113.8,	0.0,	1.2);
( -128.0,	112.4,	0.0,	1.2);	( -129.4,	111.0,	0.0,	1.2);
( -130.8,	109.6,	0.0,	1.2);	( -132.2,	108.2,	0.0,	1.2);
( -134.4,	106.1,	0.0,	1.2);	( -137.9,	102.5,	0.0,	1.2);
( -141.4,	99.0,	0.0,	1.2);	( -148.5,	91.9,	0.0,	1.2);
( -155.6,	84.8,	0.0,	1.2);	( -162.6,	77.8,	0.0,	1.2);
( -169.7,	70.7,	0.0,	1.2);	( -176.8,	63.6,	0.0,	1.2);
( -183.9,	56.6,	0.0,	1.2);	( -190.9,	49.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -42.4,	183.9,	0.0,	1.2);	( -49.5,	176.8,	0.0,	1.2);
( -56.6,	169.7,	0.0,	1.2);	( -63.6,	162.6,	0.0,	1.2);
( -70.7,	155.6,	0.0,	1.2);	( -77.8,	148.5,	0.0,	1.2);
( -84.8,	141.4,	0.0,	1.2);	( -91.9,	134.4,	0.0,	1.2);
( -95.5,	130.8,	0.0,	1.2);	( -99.0,	127.3,	0.0,	1.2);
( -101.1,	125.2,	0.0,	1.2);	( -102.5,	123.7,	0.0,	1.2);
( -103.9,	122.3,	0.0,	1.2);	( -105.4,	120.9,	0.0,	1.2);
( -106.8,	119.5,	0.0,	1.2);	( -119.5,	106.8,	0.0,	1.2);
( -120.9,	105.4,	0.0,	1.2);	( -122.3,	103.9,	0.0,	1.2);
( -123.7,	102.5,	0.0,	1.2);	( -125.2,	101.1,	0.0,	1.2);
( -127.3,	99.0,	0.0,	1.2);	( -130.8,	95.5,	0.0,	1.2);
( -134.4,	91.9,	0.0,	1.2);	( -141.4,	84.8,	0.0,	1.2);
( -148.5,	77.8,	0.0,	1.2);	( -155.6,	70.7,	0.0,	1.2);
( -162.6,	63.6,	0.0,	1.2);	( -169.7,	56.6,	0.0,	1.2);
( -176.8,	49.5,	0.0,	1.2);	( -183.9,	42.4,	0.0,	1.2);
( -35.4,	176.8,	0.0,	1.2);	( -42.4,	169.7,	0.0,	1.2);
( -49.5,	162.6,	0.0,	1.2);	( -56.6,	155.6,	0.0,	1.2);
( -63.6,	148.5,	0.0,	1.2);	( -70.7,	141.4,	0.0,	1.2);
( -77.8,	134.4,	0.0,	1.2);	( -84.8,	127.3,	0.0,	1.2);
( -88.4,	123.7,	0.0,	1.2);	( -91.9,	120.2,	0.0,	1.2);
( -94.1,	118.1,	0.0,	1.2);	( -95.5,	116.7,	0.0,	1.2);
( -96.9,	115.3,	0.0,	1.2);	( -98.3,	113.8,	0.0,	1.2);
( -99.7,	112.4,	0.0,	1.2);	( -112.4,	99.7,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -113.8,	98.3,	0.0,	1.2);	( -115.3,	96.9,	0.0,	1.2);
( -116.7,	95.5,	0.0,	1.2);	( -118.1,	94.1,	0.0,	1.2);
( -120.2,	91.9,	0.0,	1.2);	( -123.7,	88.4,	0.0,	1.2);
( -127.3,	84.8,	0.0,	1.2);	( -134.4,	77.8,	0.0,	1.2);
( -141.4,	70.7,	0.0,	1.2);	( -148.5,	63.6,	0.0,	1.2);
( -155.6,	56.6,	0.0,	1.2);	( -162.6,	49.5,	0.0,	1.2);
( -169.7,	42.4,	0.0,	1.2);	( -176.8,	35.4,	0.0,	1.2);
( -28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,	0.0,	1.2);
( -42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,	0.0,	1.2);
( -56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,	0.0,	1.2);
( -70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,	0.0,	1.2);
( -81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,	0.0,	1.2);
( -87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,	0.0,	1.2);
( -89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,	0.0,	1.2);
( -92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,	0.0,	1.2);
( -106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,	0.0,	1.2);
( -109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,	0.0,	1.2);
( -113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,	0.0,	1.2);
( -120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,	0.0,	1.2);
( -134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,	0.0,	1.2);
( -148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,	0.0,	1.2);
( -162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,	0.0,	1.2);
( -35.4,	148.5,	0.0,	1.2);	( -42.4,	141.4,	0.0,	1.2);
( -49.5,	134.4,	0.0,	1.2);	( -56.6,	127.3,	0.0,	1.2);
( -63.6,	120.2,	0.0,	1.2);	( -70.7,	113.1,	0.0,	1.2);
( -74.2,	109.6,	0.0,	1.2);	( -77.8,	106.1,	0.0,	1.2);
( -79.9,	103.9,	0.0,	1.2);	( -81.3,	102.5,	0.0,	1.2);
( -82.7,	101.1,	0.0,	1.2);	( -84.2,	99.7,	0.0,	1.2);
( -85.6,	98.3,	0.0,	1.2);	( -98.3,	85.6,	0.0,	1.2);
( -99.7,	84.2,	0.0,	1.2);	( -101.1,	82.7,	0.0,	1.2);
( -102.5,	81.3,	0.0,	1.2);	( -103.9,	79.9,	0.0,	1.2);
( -106.1,	77.8,	0.0,	1.2);	( -109.6,	74.2,	0.0,	1.2);
( -113.1,	70.7,	0.0,	1.2);	( -120.2,	63.6,	0.0,	1.2);
( -127.3,	56.6,	0.0,	1.2);	( -134.4,	49.5,	0.0,	1.2);
( -141.4,	42.4,	0.0,	1.2);	( -148.5,	35.4,	0.0,	1.2);
( -155.6,	28.3,	0.0,	1.2);	( -162.6,	21.2,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -14.1,	155.6,	0.0,	1.2);	( -21.2,	148.5,	0.0,	1.2);
( -28.3,	141.4,	0.0,	1.2);	( -35.4,	134.4,	0.0,	1.2);
( -42.4,	127.3,	0.0,	1.2);	( -49.5,	120.2,	0.0,	1.2);
( -56.6,	113.1,	0.0,	1.2);	( -63.6,	106.1,	0.0,	1.2);
( -67.2,	102.5,	0.0,	1.2);	( -70.7,	99.0,	0.0,	1.2);
( -72.8,	96.9,	0.0,	1.2);	( -74.2,	95.5,	0.0,	1.2);
( -75.7,	94.1,	0.0,	1.2);	( -77.1,	92.6,	0.0,	1.2);
( -78.5,	91.2,	0.0,	1.2);	( -91.2,	78.5,	0.0,	1.2);
( -92.6,	77.1,	0.0,	1.2);	( -94.1,	75.7,	0.0,	1.2);
( -95.5,	74.2,	0.0,	1.2);	( -96.9,	72.8,	0.0,	1.2);
( -99.0,	70.7,	0.0,	1.2);	( -102.5,	67.2,	0.0,	1.2);
( -106.1,	63.6,	0.0,	1.2);	( -113.1,	56.6,	0.0,	1.2);
( -120.2,	49.5,	0.0,	1.2);	( -127.3,	42.4,	0.0,	1.2);
( -134.4,	35.4,	0.0,	1.2);	( -141.4,	28.3,	0.0,	1.2);
( -148.5,	21.2,	0.0,	1.2);	( -155.6,	14.1,	0.0,	1.2);
( -7.1,	148.5,	0.0,	1.2);	( -14.1,	141.4,	0.0,	1.2);
( -21.2,	134.4,	0.0,	1.2);	( -28.3,	127.3,	0.0,	1.2);
( -35.4,	120.2,	0.0,	1.2);	( -42.4,	113.1,	0.0,	1.2);
( -49.5,	106.1,	0.0,	1.2);	( -56.6,	99.0,	0.0,	1.2);
( -60.1,	95.5,	0.0,	1.2);	( -63.6,	91.9,	0.0,	1.2);
( -65.8,	89.8,	0.0,	1.2);	( -67.2,	88.4,	0.0,	1.2);
( -68.6,	87.0,	0.0,	1.2);	( -70.0,	85.6,	0.0,	1.2);
( -71.4,	84.2,	0.0,	1.2);	( -84.2,	71.4,	0.0,	1.2);
( -85.6,	70.0,	0.0,	1.2);	( -87.0,	68.6,	0.0,	1.2);
( -88.4,	67.2,	0.0,	1.2);	( -89.8,	65.8,	0.0,	1.2);
( -91.9,	63.6,	0.0,	1.2);	( -95.5,	60.1,	0.0,	1.2);
( -99.0,	56.6,	0.0,	1.2);	( -106.1,	49.5,	0.0,	1.2);
( -113.1,	42.4,	0.0,	1.2);	( -120.2,	35.4,	0.0,	1.2);
( -127.3,	28.3,	0.0,	1.2);	( -134.4,	21.2,	0.0,	1.2);
( -141.4,	14.1,	0.0,	1.2);	( -148.5,	7.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -64.3,	77.1,	0.0,	1.2);	( -77.1,	64.3,	0.0,	1.2);
( -78.5,	62.9,	0.0,	1.2);	( -79.9,	61.5,	0.0,	1.2);
( -81.3,	60.1,	0.0,	1.2);	( -82.7,	58.7,	0.0,	1.2);
( -84.8,	56.6,	0.0,	1.2);	( -88.4,	53.0,	0.0,	1.2);
( -91.9,	49.5,	0.0,	1.2);	( -99.0,	42.4,	0.0,	1.2);
( -106.1,	35.4,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( -120.2,	21.2,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( -134.4,	7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	127.3,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	113.1,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	99.0,	0.0,	1.2);
( -35.4,	91.9,	0.0,	1.2);	( -42.4,	84.8,	0.0,	1.2);
( -46.0,	81.3,	0.0,	1.2);	( -49.5,	77.8,	0.0,	1.2);
( -51.6,	75.7,	0.0,	1.2);	( -53.0,	74.2,	0.0,	1.2);
( -54.5,	72.8,	0.0,	1.2);	( -55.9,	71.4,	0.0,	1.2);
( -57.3,	70.0,	0.0,	1.2);	( -70.0,	57.3,	0.0,	1.2);
( -71.4,	55.9,	0.0,	1.2);	( -72.8,	54.5,	0.0,	1.2);
( -74.2,	53.0,	0.0,	1.2);	( -75.7,	51.6,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -81.3,	46.0,	0.0,	1.2);
( -84.8,	42.4,	0.0,	1.2);	( -91.9,	35.4,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	21.2,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	-7.1,	0.0,	1.2);
( 14.1,	127.3,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	113.1,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	99.0,	0.0,	1.2);	( -21.2,	91.9,	0.0,	1.2);
( -28.3,	84.8,	0.0,	1.2);	( -35.4,	77.8,	0.0,	1.2);
( -38.9,	74.2,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -44.5,	68.6,	0.0,	1.2);	( -46.0,	67.2,	0.0,	1.2);
( -47.4,	65.8,	0.0,	1.2);	( -48.8,	64.3,	0.0,	1.2);
( -50.2,	62.9,	0.0,	1.2);	( -62.9,	50.2,	0.0,	1.2);
( -64.3,	48.8,	0.0,	1.2);	( -65.8,	47.4,	0.0,	1.2);
( -67.2,	46.0,	0.0,	1.2);	( -68.6,	44.5,	0.0,	1.2);
( -70.7,	42.4,	0.0,	1.2);	( -74.2,	38.9,	0.0,	1.2);
( -77.8,	35.4,	0.0,	1.2);	( -84.8,	28.3,	0.0,	1.2);
( -91.9,	21.2,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	-7.1,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);

1 \*\*\* ISCS T3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)

19NCRA\_PL94-300\_DPM\_TRAV\_ANN SE-NW Bound  
(METERS)

( 21.2, 120.2, 0.0, 1.2);	( 14.1, 113.1, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 99.0, 0.0, 1.2);
( -7.1, 91.9, 0.0, 1.2);	( -14.1, 84.8, 0.0, 1.2);
( -21.2, 77.8, 0.0, 1.2);	( -28.3, 70.7, 0.0, 1.2);
( -31.8, 67.2, 0.0, 1.2);	( -35.4, 63.6, 0.0, 1.2);
( -37.5, 61.5, 0.0, 1.2);	( -38.9, 60.1, 0.0, 1.2);
( -40.3, 58.7, 0.0, 1.2);	( -41.7, 57.3, 0.0, 1.2);
( -43.1, 55.9, 0.0, 1.2);	( -55.9, 43.1, 0.0, 1.2);
( -57.3, 41.7, 0.0, 1.2);	( -58.7, 40.3, 0.0, 1.2);
( -60.1, 38.9, 0.0, 1.2);	( -61.5, 37.5, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -67.2, 31.8, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 21.2, 0.0, 1.2);
( -84.8, 14.1, 0.0, 1.2);	( -91.9, 7.1, 0.0, 1.2);
( -99.0, 0.0, 0.0, 1.2);	( -106.1, -7.1, 0.0, 1.2);
( -113.1, -14.1, 0.0, 1.2);	( -120.2, -21.2, 0.0, 1.2);
( 28.3, 113.1, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 99.0, 0.0, 1.2);	( 7.1, 91.9, 0.0, 1.2);
( 0.0, 84.8, 0.0, 1.2);	( -7.1, 77.8, 0.0, 1.2);
( -14.1, 70.7, 0.0, 1.2);	( -21.2, 63.6, 0.0, 1.2);
( -24.8, 60.1, 0.0, 1.2);	( -28.3, 56.6, 0.0, 1.2);
( -30.4, 54.5, 0.0, 1.2);	( -31.8, 53.0, 0.0, 1.2);
( -33.2, 51.6, 0.0, 1.2);	( -34.7, 50.2, 0.0, 1.2);
( -36.1, 48.8, 0.0, 1.2);	( -48.8, 36.1, 0.0, 1.2);
( -50.2, 34.7, 0.0, 1.2);	( -51.6, 33.2, 0.0, 1.2);
( -53.0, 31.8, 0.0, 1.2);	( -54.5, 30.4, 0.0, 1.2);
( -56.6, 28.3, 0.0, 1.2);	( -60.1, 24.8, 0.0, 1.2);
( -63.6, 21.2, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 7.1, 0.0, 1.2);	( -84.8, 0.0, 0.0, 1.2);
( -91.9, -7.1, 0.0, 1.2);	( -99.0, -14.1, 0.0, 1.2);
( -106.1, -21.2, 0.0, 1.2);	( -113.1, -28.3, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 99.0, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 84.8, 0.0, 1.2);
( 7.1, 77.8, 0.0, 1.2);	( 0.0, 70.7, 0.0, 1.2);
( -7.1, 63.6, 0.0, 1.2);	( -14.1, 56.6, 0.0, 1.2);
( -17.7, 53.0, 0.0, 1.2);	( -21.2, 49.5, 0.0, 1.2);
( -23.3, 47.4, 0.0, 1.2);	( -24.8, 46.0, 0.0, 1.2);
( -26.2, 44.5, 0.0, 1.2);	( -27.6, 43.1, 0.0, 1.2);
( -29.0, 41.7, 0.0, 1.2);	( -41.7, 29.0, 0.0, 1.2);
( -43.1, 27.6, 0.0, 1.2);	( -44.5, 26.2, 0.0, 1.2);
( -46.0, 24.8, 0.0, 1.2);	( -47.4, 23.3, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -53.0, 17.7, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 7.1, 0.0, 1.2);
( -70.7, 0.0, 0.0, 1.2);	( -77.8, -7.1, 0.0, 1.2);



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -84.8, -14.1, 0.0, 1.2); ( -91.9, -21.2, 0.0, 1.2);  
( -99.0, -28.3, 0.0, 1.2); ( -106.1, -35.4, 0.0, 1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 42.4, 99.0, 0.0, 1.2); ( 35.4, 91.9, 0.0, 1.2);  
( 28.3, 84.8, 0.0, 1.2); ( 21.2, 77.8, 0.0, 1.2);  
( 14.1, 70.7, 0.0, 1.2); ( 7.1, 63.6, 0.0, 1.2);  
( 0.0, 56.6, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -10.6, 46.0, 0.0, 1.2); ( -14.1, 42.4, 0.0, 1.2);  
( -16.3, 40.3, 0.0, 1.2); ( -17.7, 38.9, 0.0, 1.2);  
( -19.1, 37.5, 0.0, 1.2); ( -20.5, 36.1, 0.0, 1.2);  
( -21.9, 34.7, 0.0, 1.2); ( -34.7, 21.9, 0.0, 1.2);  
( -36.1, 20.5, 0.0, 1.2); ( -37.5, 19.1, 0.0, 1.2);  
( -38.9, 17.7, 0.0, 1.2); ( -40.3, 16.3, 0.0, 1.2);  
( -42.4, 14.1, 0.0, 1.2); ( -46.0, 10.6, 0.0, 1.2);  
( -49.5, 7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);  
( -63.6, -7.1, 0.0, 1.2); ( -70.7, -14.1, 0.0, 1.2);  
( -77.8, -21.2, 0.0, 1.2); ( -84.8, -28.3, 0.0, 1.2);  
( -91.9, -35.4, 0.0, 1.2); ( -99.0, -42.4, 0.0, 1.2);  
( 49.5, 91.9, 0.0, 1.2); ( 42.4, 84.8, 0.0, 1.2);  
( 35.4, 77.8, 0.0, 1.2); ( 28.3, 70.7, 0.0, 1.2);  
( 21.2, 63.6, 0.0, 1.2); ( 14.1, 56.6, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 42.4, 0.0, 1.2);  
( -3.5, 38.9, 0.0, 1.2); ( -7.1, 35.4, 0.0, 1.2);  
( -9.2, 33.2, 0.0, 1.2); ( -10.6, 31.8, 0.0, 1.2);  
( -12.0, 30.4, 0.0, 1.2); ( -13.4, 29.0, 0.0, 1.2);  
( -14.9, 27.6, 0.0, 1.2); ( -27.6, 14.9, 0.0, 1.2);  
( -29.0, 13.4, 0.0, 1.2); ( -30.4, 12.0, 0.0, 1.2);  
( -31.8, 10.6, 0.0, 1.2); ( -33.2, 9.2, 0.0, 1.2);  
( -35.4, 7.1, 0.0, 1.2); ( -38.9, 3.5, 0.0, 1.2);  
( -42.4, 0.0, 0.0, 1.2); ( -49.5, -7.1, 0.0, 1.2);  
( -56.6, -14.1, 0.0, 1.2); ( -63.6, -21.2, 0.0, 1.2);  
( -70.7, -28.3, 0.0, 1.2); ( -77.8, -35.4, 0.0, 1.2);  
( -84.8, -42.4, 0.0, 1.2); ( -91.9, -49.5, 0.0, 1.2);  
( 56.6, 84.8, 0.0, 1.2); ( 49.5, 77.8, 0.0, 1.2);  
( 42.4, 70.7, 0.0, 1.2); ( 35.4, 63.6, 0.0, 1.2);  
( 28.3, 56.6, 0.0, 1.2); ( 21.2, 49.5, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 7.1, 35.4, 0.0, 1.2);  
( 3.5, 31.8, 0.0, 1.2); ( 0.0, 28.3, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -2.1,	26.2,	0.0,	1.2);	( -3.5,	24.8,	0.0,	1.2);
( -4.9,	23.3,	0.0,	1.2);	( -6.4,	21.9,	0.0,	1.2);
( -7.8,	20.5,	0.0,	1.2);	( -20.5,	7.8,	0.0,	1.2);
( -21.9,	6.4,	0.0,	1.2);	( -23.3,	4.9,	0.0,	1.2);
( -24.8,	3.5,	0.0,	1.2);	( -26.2,	2.1,	0.0,	1.2);
( -28.3,	0.0,	0.0,	1.2);	( -31.8,	-3.5,	0.0,	1.2);
( -35.4,	-7.1,	0.0,	1.2);	( -42.4,	-14.1,	0.0,	1.2);
( -49.5,	-21.2,	0.0,	1.2);	( -56.6,	-28.3,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -70.7,	-42.4,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -84.8,	-56.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 63.6,	77.8,	0.0,	1.2);	( 56.6,	70.7,	0.0,	1.2);
( 49.5,	63.6,	0.0,	1.2);	( 42.4,	56.6,	0.0,	1.2);
( 35.4,	49.5,	0.0,	1.2);	( 28.3,	42.4,	0.0,	1.2);
( 21.2,	35.4,	0.0,	1.2);	( 14.1,	28.3,	0.0,	1.2);
( 10.6,	24.8,	0.0,	1.2);	( 7.1,	21.2,	0.0,	1.2);
( 4.9,	19.1,	0.0,	1.2);	( 3.5,	17.7,	0.0,	1.2);
( 2.1,	16.3,	0.0,	1.2);	( 0.7,	14.9,	0.0,	1.2);
( -0.7,	13.4,	0.0,	1.2);	( -13.4,	0.7,	0.0,	1.2);
( -14.9,	-0.7,	0.0,	1.2);	( -16.3,	-2.1,	0.0,	1.2);
( -17.7,	-3.5,	0.0,	1.2);	( -19.1,	-4.9,	0.0,	1.2);
( -21.2,	-7.1,	0.0,	1.2);	( -24.8,	-10.6,	0.0,	1.2);
( -28.3,	-14.1,	0.0,	1.2);	( -35.4,	-21.2,	0.0,	1.2);
( -42.4,	-28.3,	0.0,	1.2);	( -49.5,	-35.4,	0.0,	1.2);
( -56.6,	-42.4,	0.0,	1.2);	( -63.6,	-49.5,	0.0,	1.2);
( -70.7,	-56.6,	0.0,	1.2);	( -77.8,	-63.6,	0.0,	1.2);
( 70.7,	70.7,	0.0,	1.2);	( 63.6,	63.6,	0.0,	1.2);
( 56.6,	56.6,	0.0,	1.2);	( 49.5,	49.5,	0.0,	1.2);
( 42.4,	42.4,	0.0,	1.2);	( 35.4,	35.4,	0.0,	1.2);
( 28.3,	28.3,	0.0,	1.2);	( 21.2,	21.2,	0.0,	1.2);
( 17.7,	17.7,	0.0,	1.2);	( 14.1,	14.1,	0.0,	1.2);
( 12.0,	12.0,	0.0,	1.2);	( 10.6,	10.6,	0.0,	1.2);
( 9.2,	9.2,	0.0,	1.2);	( 7.8,	7.8,	0.0,	1.2);
( 6.4,	6.4,	0.0,	1.2);	( -6.4,	-6.4,	0.0,	1.2);
( -7.8,	-7.8,	0.0,	1.2);	( -9.2,	-9.2,	0.0,	1.2);
( -10.6,	-10.6,	0.0,	1.2);	( -12.0,	-12.0,	0.0,	1.2);
( -14.1,	-14.1,	0.0,	1.2);	( -17.7,	-17.7,	0.0,	1.2);
( -21.2,	-21.2,	0.0,	1.2);	( -28.3,	-28.3,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -35.4, -35.4, 0.0, 1.2);	( -42.4, -42.4, 0.0, 1.2);
( -49.5, -49.5, 0.0, 1.2);	( -56.6, -56.6, 0.0, 1.2);
( -63.6, -63.6, 0.0, 1.2);	( -70.7, -70.7, 0.0, 1.2);
( 77.8, 63.6, 0.0, 1.2);	( 70.7, 56.6, 0.0, 1.2);
( 63.6, 49.5, 0.0, 1.2);	( 56.6, 42.4, 0.0, 1.2);
( 49.5, 35.4, 0.0, 1.2);	( 42.4, 28.3, 0.0, 1.2);
( 35.4, 21.2, 0.0, 1.2);	( 28.3, 14.1, 0.0, 1.2);
( 24.8, 10.6, 0.0, 1.2);	( 21.2, 7.1, 0.0, 1.2);
( 19.1, 4.9, 0.0, 1.2);	( 17.7, 3.5, 0.0, 1.2);
( 16.3, 2.1, 0.0, 1.2);	( 14.9, 0.7, 0.0, 1.2);
( 13.4, -0.7, 0.0, 1.2);	( 0.7, -13.4, 0.0, 1.2);
( -0.7, -14.9, 0.0, 1.2);	( -2.1, -16.3, 0.0, 1.2);
( -3.5, -17.7, 0.0, 1.2);	( -4.9, -19.1, 0.0, 1.2);
( -7.1, -21.2, 0.0, 1.2);	( -10.6, -24.8, 0.0, 1.2);
( -14.1, -28.3, 0.0, 1.2);	( -21.2, -35.4, 0.0, 1.2);
( -28.3, -42.4, 0.0, 1.2);	( -35.4, -49.5, 0.0, 1.2);
( -42.4, -56.6, 0.0, 1.2);	( -49.5, -63.6, 0.0, 1.2);
( -56.6, -70.7, 0.0, 1.2);	( -63.6, -77.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4, 0.0, 1.2);
( 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2, 0.0, 1.2);
( 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);
( 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5, 0.0, 1.2);
( 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4, 0.0, 1.2);
( 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5, 0.0, 1.2);
( 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3, 0.0, 1.2);
( 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8, 0.0, 1.2);
( -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7, 0.0, 1.2);
( -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8, 0.0, 1.2);
( 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3, 0.0, 1.2);
( 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1, 0.0, 1.2);
( 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6, 0.0, 1.2);
( 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4, 0.0, 1.2);
( 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6, 0.0, 1.2);
( 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4, 0.0, 1.2);
( 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2);	( 3.5, -38.9, 0.0, 1.2);
( 0.0, -42.4, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -14.1, -56.6, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -28.3, -70.7, 0.0, 1.2);	( -35.4, -77.8, 0.0, 1.2);
( -42.4, -84.8, 0.0, 1.2);	( -49.5, -91.9, 0.0, 1.2);
( 99.0, 42.4, 0.0, 1.2);	( 91.9, 35.4, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 21.2, 0.0, 1.2);
( 70.7, 14.1, 0.0, 1.2);	( 63.6, 7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, -7.1, 0.0, 1.2);
( 46.0, -10.6, 0.0, 1.2);	( 42.4, -14.1, 0.0, 1.2);
( 40.3, -16.3, 0.0, 1.2);	( 38.9, -17.7, 0.0, 1.2);
( 37.5, -19.1, 0.0, 1.2);	( 36.1, -20.5, 0.0, 1.2);
( 34.7, -21.9, 0.0, 1.2);	( 21.9, -34.7, 0.0, 1.2);
( 20.5, -36.1, 0.0, 1.2);	( 19.1, -37.5, 0.0, 1.2);
( 17.7, -38.9, 0.0, 1.2);	( 16.3, -40.3, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 10.6, -46.0, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -56.6, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -70.7, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -84.8, 0.0, 1.2);
( -35.4, -91.9, 0.0, 1.2);	( -42.4, -99.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 106.1, 35.4, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 21.2, 0.0, 1.2);	( 84.8, 14.1, 0.0, 1.2);
( 77.8, 7.1, 0.0, 1.2);	( 70.7, 0.0, 0.0, 1.2);
( 63.6, -7.1, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 53.0, -17.7, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 47.4, -23.3, 0.0, 1.2);	( 46.0, -24.8, 0.0, 1.2);
( 44.5, -26.2, 0.0, 1.2);	( 43.1, -27.6, 0.0, 1.2);
( 41.7, -29.0, 0.0, 1.2);	( 29.0, -41.7, 0.0, 1.2);
( 27.6, -43.1, 0.0, 1.2);	( 26.2, -44.5, 0.0, 1.2);
( 24.8, -46.0, 0.0, 1.2);	( 23.3, -47.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2);	( 17.7, -53.0, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 14.1,	-56.6,	0.0,	1.2);	( 7.1,	-63.6,	0.0,	1.2);
( 0.0,	-70.7,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-84.8,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);
( -28.3,	-99.0,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	21.2,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	-7.1,	0.0,	1.2);
( 70.7,	-14.1,	0.0,	1.2);	( 63.6,	-21.2,	0.0,	1.2);
( 60.1,	-24.8,	0.0,	1.2);	( 56.6,	-28.3,	0.0,	1.2);
( 54.5,	-30.4,	0.0,	1.2);	( 53.0,	-31.8,	0.0,	1.2);
( 51.6,	-33.2,	0.0,	1.2);	( 50.2,	-34.7,	0.0,	1.2);
( 48.8,	-36.1,	0.0,	1.2);	( 36.1,	-48.8,	0.0,	1.2);
( 34.7,	-50.2,	0.0,	1.2);	( 33.2,	-51.6,	0.0,	1.2);
( 31.8,	-53.0,	0.0,	1.2);	( 30.4,	-54.5,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 24.8,	-60.1,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-70.7,	0.0,	1.2);
( 7.1,	-77.8,	0.0,	1.2);	( 0.0,	-84.8,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-99.0,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-113.1,	0.0,	1.2);
( 120.2,	21.2,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	-7.1,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-21.2,	0.0,	1.2);	( 70.7,	-28.3,	0.0,	1.2);
( 67.2,	-31.8,	0.0,	1.2);	( 63.6,	-35.4,	0.0,	1.2);
( 61.5,	-37.5,	0.0,	1.2);	( 60.1,	-38.9,	0.0,	1.2);
( 58.7,	-40.3,	0.0,	1.2);	( 57.3,	-41.7,	0.0,	1.2);
( 55.9,	-43.1,	0.0,	1.2);	( 43.1,	-55.9,	0.0,	1.2);
( 41.7,	-57.3,	0.0,	1.2);	( 40.3,	-58.7,	0.0,	1.2);
( 38.9,	-60.1,	0.0,	1.2);	( 37.5,	-61.5,	0.0,	1.2);
( 35.4,	-63.6,	0.0,	1.2);	( 31.8,	-67.2,	0.0,	1.2);
( 28.3,	-70.7,	0.0,	1.2);	( 21.2,	-77.8,	0.0,	1.2);
( 14.1,	-84.8,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-99.0,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-113.1,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 127.3,	14.1,	0.0,	1.2);	( 120.2,	7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	-7.1,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-21.2,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 84.8,	-28.3,	0.0,	1.2);	( 77.8,	-35.4,	0.0,	1.2);
( 74.2,	-38.9,	0.0,	1.2);	( 70.7,	-42.4,	0.0,	1.2);
( 68.6,	-44.5,	0.0,	1.2);	( 67.2,	-46.0,	0.0,	1.2);
( 65.8,	-47.4,	0.0,	1.2);	( 64.3,	-48.8,	0.0,	1.2);
( 62.9,	-50.2,	0.0,	1.2);	( 50.2,	-62.9,	0.0,	1.2);
( 48.8,	-64.3,	0.0,	1.2);	( 47.4,	-65.8,	0.0,	1.2);
( 46.0,	-67.2,	0.0,	1.2);	( 44.5,	-68.6,	0.0,	1.2);
( 42.4,	-70.7,	0.0,	1.2);	( 38.9,	-74.2,	0.0,	1.2);
( 35.4,	-77.8,	0.0,	1.2);	( 28.3,	-84.8,	0.0,	1.2);
( 21.2,	-91.9,	0.0,	1.2);	( 14.1,	-99.0,	0.0,	1.2);
( 7.1,	-106.1,	0.0,	1.2);	( 0.0,	-113.1,	0.0,	1.2);
( -7.1,	-120.2,	0.0,	1.2);	( -14.1,	-127.3,	0.0,	1.2);
( 134.4,	7.1,	0.0,	1.2);	( 127.3,	0.0,	0.0,	1.2);
( 120.2,	-7.1,	0.0,	1.2);	( 113.1,	-14.1,	0.0,	1.2);
( 106.1,	-21.2,	0.0,	1.2);	( 99.0,	-28.3,	0.0,	1.2);
( 91.9,	-35.4,	0.0,	1.2);	( 84.8,	-42.4,	0.0,	1.2);
( 81.3,	-46.0,	0.0,	1.2);	( 77.8,	-49.5,	0.0,	1.2);
( 75.7,	-51.6,	0.0,	1.2);	( 74.2,	-53.0,	0.0,	1.2);
( 72.8,	-54.5,	0.0,	1.2);	( 71.4,	-55.9,	0.0,	1.2);
( 70.0,	-57.3,	0.0,	1.2);	( 57.3,	-70.0,	0.0,	1.2);
( 55.9,	-71.4,	0.0,	1.2);	( 54.5,	-72.8,	0.0,	1.2);
( 53.0,	-74.2,	0.0,	1.2);	( 51.6,	-75.7,	0.0,	1.2);
( 49.5,	-77.8,	0.0,	1.2);	( 46.0,	-81.3,	0.0,	1.2);
( 42.4,	-84.8,	0.0,	1.2);	( 35.4,	-91.9,	0.0,	1.2);
( 28.3,	-99.0,	0.0,	1.2);	( 21.2,	-106.1,	0.0,	1.2);
( 14.1,	-113.1,	0.0,	1.2);	( 7.1,	-120.2,	0.0,	1.2);
( 0.0,	-127.3,	0.0,	1.2);	( -7.1,	-134.4,	0.0,	1.2);
( 141.4,	0.0,	0.0,	1.2);	( 134.4,	-7.1,	0.0,	1.2);
( 127.3,	-14.1,	0.0,	1.2);	( 120.2,	-21.2,	0.0,	1.2);
( 113.1,	-28.3,	0.0,	1.2);	( 106.1,	-35.4,	0.0,	1.2);
( 99.0,	-42.4,	0.0,	1.2);	( 91.9,	-49.5,	0.0,	1.2);
( 88.4,	-53.0,	0.0,	1.2);	( 84.8,	-56.6,	0.0,	1.2);
( 82.7,	-58.7,	0.0,	1.2);	( 81.3,	-60.1,	0.0,	1.2);
( 79.9,	-61.5,	0.0,	1.2);	( 78.5,	-62.9,	0.0,	1.2);
( 77.1,	-64.3,	0.0,	1.2);	( 64.3,	-77.1,	0.0,	1.2);
( 62.9,	-78.5,	0.0,	1.2);	( 61.5,	-79.9,	0.0,	1.2);
( 60.1,	-81.3,	0.0,	1.2);	( 58.7,	-82.7,	0.0,	1.2);
( 56.6,	-84.8,	0.0,	1.2);	( 53.0,	-88.4,	0.0,	1.2);
( 49.5,	-91.9,	0.0,	1.2);	( 42.4,	-99.0,	0.0,	1.2);
( 35.4,	-106.1,	0.0,	1.2);	( 28.3,	-113.1,	0.0,	1.2);
( 21.2,	-120.2,	0.0,	1.2);	( 14.1,	-127.3,	0.0,	1.2);
( 7.1,	-134.4,	0.0,	1.2);	( 0.0,	-141.4,	0.0,	1.2);

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 148.5, -7.1, 0.0, 1.2);	( 141.4, -14.1, 0.0, 1.2);
( 134.4, -21.2, 0.0, 1.2);	( 127.3, -28.3, 0.0, 1.2);
( 120.2, -35.4, 0.0, 1.2);	( 113.1, -42.4, 0.0, 1.2);
( 106.1, -49.5, 0.0, 1.2);	( 99.0, -56.6, 0.0, 1.2);
( 95.5, -60.1, 0.0, 1.2);	( 91.9, -63.6, 0.0, 1.2);
( 89.8, -65.8, 0.0, 1.2);	( 88.4, -67.2, 0.0, 1.2);
( 87.0, -68.6, 0.0, 1.2);	( 85.6, -70.0, 0.0, 1.2);
( 84.2, -71.4, 0.0, 1.2);	( 71.4, -84.2, 0.0, 1.2);
( 70.0, -85.6, 0.0, 1.2);	( 68.6, -87.0, 0.0, 1.2);
( 67.2, -88.4, 0.0, 1.2);	( 65.8, -89.8, 0.0, 1.2);
( 63.6, -91.9, 0.0, 1.2);	( 60.1, -95.5, 0.0, 1.2);
( 56.6, -99.0, 0.0, 1.2);	( 49.5, -106.1, 0.0, 1.2);
( 42.4, -113.1, 0.0, 1.2);	( 35.4, -120.2, 0.0, 1.2);
( 28.3, -127.3, 0.0, 1.2);	( 21.2, -134.4, 0.0, 1.2);
( 14.1, -141.4, 0.0, 1.2);	( 7.1, -148.5, 0.0, 1.2);
( 155.6, -14.1, 0.0, 1.2);	( 148.5, -21.2, 0.0, 1.2);
( 141.4, -28.3, 0.0, 1.2);	( 134.4, -35.4, 0.0, 1.2);
( 127.3, -42.4, 0.0, 1.2);	( 120.2, -49.5, 0.0, 1.2);
( 113.1, -56.6, 0.0, 1.2);	( 106.1, -63.6, 0.0, 1.2);
( 102.5, -67.2, 0.0, 1.2);	( 99.0, -70.7, 0.0, 1.2);
( 96.9, -72.8, 0.0, 1.2);	( 95.5, -74.2, 0.0, 1.2);
( 94.1, -75.7, 0.0, 1.2);	( 92.6, -77.1, 0.0, 1.2);
( 91.2, -78.5, 0.0, 1.2);	( 78.5, -91.2, 0.0, 1.2);
( 77.1, -92.6, 0.0, 1.2);	( 75.7, -94.1, 0.0, 1.2);
( 74.2, -95.5, 0.0, 1.2);	( 72.8, -96.9, 0.0, 1.2);
( 70.7, -99.0, 0.0, 1.2);	( 67.2, -102.5, 0.0, 1.2);
( 63.6, -106.1, 0.0, 1.2);	( 56.6, -113.1, 0.0, 1.2);
( 49.5, -120.2, 0.0, 1.2);	( 42.4, -127.3, 0.0, 1.2);
( 35.4, -134.4, 0.0, 1.2);	( 28.3, -141.4, 0.0, 1.2);
( 21.2, -148.5, 0.0, 1.2);	( 14.1, -155.6, 0.0, 1.2);
( 162.6, -21.2, 0.0, 1.2);	( 155.6, -28.3, 0.0, 1.2);
( 148.5, -35.4, 0.0, 1.2);	( 141.4, -42.4, 0.0, 1.2);
( 134.4, -49.5, 0.0, 1.2);	( 127.3, -56.6, 0.0, 1.2);
( 120.2, -63.6, 0.0, 1.2);	( 113.1, -70.7, 0.0, 1.2);
( 109.6, -74.2, 0.0, 1.2);	( 106.1, -77.8, 0.0, 1.2);
( 103.9, -79.9, 0.0, 1.2);	( 102.5, -81.3, 0.0, 1.2);
( 101.1, -82.7, 0.0, 1.2);	( 99.7, -84.2, 0.0, 1.2);
( 98.3, -85.6, 0.0, 1.2);	( 85.6, -98.3, 0.0, 1.2);
( 84.2, -99.7, 0.0, 1.2);	( 82.7, -101.1, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 81.3,	-102.5,	0.0,	1.2);	( 79.9,	-103.9,	0.0,	1.2);
( 77.8,	-106.1,	0.0,	1.2);	( 74.2,	-109.6,	0.0,	1.2);
( 70.7,	-113.1,	0.0,	1.2);	( 63.6,	-120.2,	0.0,	1.2);
( 56.6,	-127.3,	0.0,	1.2);	( 49.5,	-134.4,	0.0,	1.2);
( 42.4,	-141.4,	0.0,	1.2);	( 35.4,	-148.5,	0.0,	1.2);
( 28.3,	-155.6,	0.0,	1.2);	( 21.2,	-162.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.7,	-56.6,	0.0,	1.2);	( 162.6,	-63.6,	0.0,	1.2);
( 155.6,	-70.7,	0.0,	1.2);	( 148.5,	-77.8,	0.0,	1.2);
( 141.4,	-84.8,	0.0,	1.2);	( 134.4,	-91.9,	0.0,	1.2);
( 130.8,	-95.5,	0.0,	1.2);	( 127.3,	-99.0,	0.0,	1.2);
( 125.2,	-101.1,	0.0,	1.2);	( 123.7,	-102.5,	0.0,	1.2);
( 122.3,	-103.9,	0.0,	1.2);	( 120.9,	-105.4,	0.0,	1.2);
( 119.5,	-106.8,	0.0,	1.2);	( 106.8,	-119.5,	0.0,	1.2);
( 105.4,	-120.9,	0.0,	1.2);	( 103.9,	-122.3,	0.0,	1.2);
( 102.5,	-123.7,	0.0,	1.2);	( 101.1,	-125.2,	0.0,	1.2);
( 99.0,	-127.3,	0.0,	1.2);	( 95.5,	-130.8,	0.0,	1.2);
( 91.9,	-134.4,	0.0,	1.2);	( 84.8,	-141.4,	0.0,	1.2);
( 77.8,	-148.5,	0.0,	1.2);	( 70.7,	-155.6,	0.0,	1.2);
( 63.6,	-162.6,	0.0,	1.2);	( 56.6,	-169.7,	0.0,	1.2);
( 49.5,	-176.8,	0.0,	1.2);	( 42.4,	-183.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 190.9,	-49.5,	0.0,	1.2);	( 183.9,	-56.6,	0.0,	1.2);
( 176.8,	-63.6,	0.0,	1.2);	( 169.7,	-70.7,	0.0,	1.2);
( 162.6,	-77.8,	0.0,	1.2);	( 155.6,	-84.8,	0.0,	1.2);
( 148.5,	-91.9,	0.0,	1.2);	( 141.4,	-99.0,	0.0,	1.2);
( 137.9,	-102.5,	0.0,	1.2);	( 134.4,	-106.1,	0.0,	1.2);
( 132.2,	-108.2,	0.0,	1.2);	( 130.8,	-109.6,	0.0,	1.2);
( 129.4,	-111.0,	0.0,	1.2);	( 128.0,	-112.4,	0.0,	1.2);
( 126.6,	-113.8,	0.0,	1.2);	( 113.8,	-126.6,	0.0,	1.2);
( 112.4,	-128.0,	0.0,	1.2);	( 111.0,	-129.4,	0.0,	1.2);
( 109.6,	-130.8,	0.0,	1.2);	( 108.2,	-132.2,	0.0,	1.2);
( 106.1,	-134.4,	0.0,	1.2);	( 102.5,	-137.9,	0.0,	1.2);
( 99.0,	-141.4,	0.0,	1.2);	( 91.9,	-148.5,	0.0,	1.2);
( 84.8,	-155.6,	0.0,	1.2);	( 77.8,	-162.6,	0.0,	1.2);
( 70.7,	-169.7,	0.0,	1.2);	( 63.6,	-176.8,	0.0,	1.2);
( 56.6,	-183.9,	0.0,	1.2);	( 49.5,	-190.9,	0.0,	1.2);
( 198.0,	-56.6,	0.0,	1.2);	( 190.9,	-63.6,	0.0,	1.2);
( 183.9,	-70.7,	0.0,	1.2);	( 176.8,	-77.8,	0.0,	1.2);
( 169.7,	-84.8,	0.0,	1.2);	( 162.6,	-91.9,	0.0,	1.2);
( 155.6,	-99.0,	0.0,	1.2);	( 148.5,	-106.1,	0.0,	1.2);
( 145.0,	-109.6,	0.0,	1.2);	( 141.4,	-113.1,	0.0,	1.2);
( 139.3,	-115.3,	0.0,	1.2);	( 137.9,	-116.7,	0.0,	1.2);
( 136.5,	-118.1,	0.0,	1.2);	( 135.1,	-119.5,	0.0,	1.2);
( 133.6,	-120.9,	0.0,	1.2);	( 120.9,	-133.6,	0.0,	1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 119.5, -135.1, 0.0, 1.2);	( 118.1, -136.5, 0.0, 1.2);
( 116.7, -137.9, 0.0, 1.2);	( 115.3, -139.3, 0.0, 1.2);
( 113.1, -141.4, 0.0, 1.2);	( 109.6, -145.0, 0.0, 1.2);
( 106.1, -148.5, 0.0, 1.2);	( 99.0, -155.6, 0.0, 1.2);
( 91.9, -162.6, 0.0, 1.2);	( 84.8, -169.7, 0.0, 1.2);
( 77.8, -176.8, 0.0, 1.2);	( 70.7, -183.9, 0.0, 1.2);
( 63.6, -190.9, 0.0, 1.2);	( 56.6, -198.0, 0.0, 1.2);
( 205.1, -63.6, 0.0, 1.2);	( 198.0, -70.7, 0.0, 1.2);
( 190.9, -77.8, 0.0, 1.2);	( 183.9, -84.8, 0.0, 1.2);
( 176.8, -91.9, 0.0, 1.2);	( 169.7, -99.0, 0.0, 1.2);
( 162.6, -106.1, 0.0, 1.2);	( 155.6, -113.1, 0.0, 1.2);
( 152.0, -116.7, 0.0, 1.2);	( 148.5, -120.2, 0.0, 1.2);
( 146.4, -122.3, 0.0, 1.2);	( 145.0, -123.7, 0.0, 1.2);
( 143.5, -125.2, 0.0, 1.2);	( 142.1, -126.6, 0.0, 1.2);
( 140.7, -128.0, 0.0, 1.2);	( 128.0, -140.7, 0.0, 1.2);
( 126.6, -142.1, 0.0, 1.2);	( 125.2, -143.5, 0.0, 1.2);
( 123.7, -145.0, 0.0, 1.2);	( 122.3, -146.4, 0.0, 1.2);
( 120.2, -148.5, 0.0, 1.2);	( 116.7, -152.0, 0.0, 1.2);
( 113.1, -155.6, 0.0, 1.2);	( 106.1, -162.6, 0.0, 1.2);
( 99.0, -169.7, 0.0, 1.2);	( 91.9, -176.8, 0.0, 1.2);
( 84.8, -183.9, 0.0, 1.2);	( 77.8, -190.9, 0.0, 1.2);
( 70.7, -198.0, 0.0, 1.2);	( 63.6, -205.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 212.1, -70.7, 0.0, 1.2);	( 205.1, -77.8, 0.0, 1.2);
( 198.0, -84.8, 0.0, 1.2);	( 190.9, -91.9, 0.0, 1.2);
( 183.9, -99.0, 0.0, 1.2);	( 176.8, -106.1, 0.0, 1.2);
( 169.7, -113.1, 0.0, 1.2);	( 162.6, -120.2, 0.0, 1.2);
( 159.1, -123.7, 0.0, 1.2);	( 155.6, -127.3, 0.0, 1.2);
( 153.4, -129.4, 0.0, 1.2);	( 152.0, -130.8, 0.0, 1.2);
( 150.6, -132.2, 0.0, 1.2);	( 149.2, -133.6, 0.0, 1.2);
( 147.8, -135.1, 0.0, 1.2);	( 135.1, -147.8, 0.0, 1.2);
( 133.6, -149.2, 0.0, 1.2);	( 132.2, -150.6, 0.0, 1.2);
( 130.8, -152.0, 0.0, 1.2);	( 129.4, -153.4, 0.0, 1.2);
( 127.3, -155.6, 0.0, 1.2);	( 123.7, -159.1, 0.0, 1.2);
( 120.2, -162.6, 0.0, 1.2);	( 113.1, -169.7, 0.0, 1.2);
( 106.1, -176.8, 0.0, 1.2);	( 99.0, -183.9, 0.0, 1.2);
( 91.9, -190.9, 0.0, 1.2);	( 84.8, -198.0, 0.0, 1.2);
( 77.8, -205.1, 0.0, 1.2);	( 70.7, -212.1, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 219.2, -77.8, 0.0, 1.2);	( 212.1, -84.8, 0.0, 1.2);
( 205.1, -91.9, 0.0, 1.2);	( 198.0, -99.0, 0.0, 1.2);
( 190.9, -106.1, 0.0, 1.2);	( 183.9, -113.1, 0.0, 1.2);
( 176.8, -120.2, 0.0, 1.2);	( 169.7, -127.3, 0.0, 1.2);
( 166.2, -130.8, 0.0, 1.2);	( 162.6, -134.4, 0.0, 1.2);
( 160.5, -136.5, 0.0, 1.2);	( 159.1, -137.9, 0.0, 1.2);
( 157.7, -139.3, 0.0, 1.2);	( 156.3, -140.7, 0.0, 1.2);
( 154.9, -142.1, 0.0, 1.2);	( 142.1, -154.9, 0.0, 1.2);
( 140.7, -156.3, 0.0, 1.2);	( 139.3, -157.7, 0.0, 1.2);
( 137.9, -159.1, 0.0, 1.2);	( 136.5, -160.5, 0.0, 1.2);
( 134.4, -162.6, 0.0, 1.2);	( 130.8, -166.2, 0.0, 1.2);
( 127.3, -169.7, 0.0, 1.2);	( 120.2, -176.8, 0.0, 1.2);
( 113.1, -183.9, 0.0, 1.2);	( 106.1, -190.9, 0.0, 1.2);
( 99.0, -198.0, 0.0, 1.2);	( 91.9, -205.1, 0.0, 1.2);
( 84.8, -212.1, 0.0, 1.2);	( 77.8, -219.2, 0.0, 1.2);
( 226.3, -84.8, 0.0, 1.2);	( 219.2, -91.9, 0.0, 1.2);
( 212.1, -99.0, 0.0, 1.2);	( 205.1, -106.1, 0.0, 1.2);
( 198.0, -113.1, 0.0, 1.2);	( 190.9, -120.2, 0.0, 1.2);
( 183.9, -127.3, 0.0, 1.2);	( 176.8, -134.4, 0.0, 1.2);
( 173.2, -137.9, 0.0, 1.2);	( 169.7, -141.4, 0.0, 1.2);
( 167.6, -143.5, 0.0, 1.2);	( 166.2, -145.0, 0.0, 1.2);
( 164.8, -146.4, 0.0, 1.2);	( 163.3, -147.8, 0.0, 1.2);
( 161.9, -149.2, 0.0, 1.2);	( 149.2, -161.9, 0.0, 1.2);
( 147.8, -163.3, 0.0, 1.2);	( 146.4, -164.8, 0.0, 1.2);
( 145.0, -166.2, 0.0, 1.2);	( 143.5, -167.6, 0.0, 1.2);
( 141.4, -169.7, 0.0, 1.2);	( 137.9, -173.2, 0.0, 1.2);
( 134.4, -176.8, 0.0, 1.2);	( 127.3, -183.9, 0.0, 1.2);
( 120.2, -190.9, 0.0, 1.2);	( 113.1, -198.0, 0.0, 1.2);
( 106.1, -205.1, 0.0, 1.2);	( 99.0, -212.1, 0.0, 1.2);
( 91.9, -219.2, 0.0, 1.2);	( 84.8, -226.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 233.4, -91.9, 0.0, 1.2);	( 226.3, -99.0, 0.0, 1.2);
( 219.2, -106.1, 0.0, 1.2);	( 212.1, -113.1, 0.0, 1.2);
( 205.1, -120.2, 0.0, 1.2);	( 198.0, -127.3, 0.0, 1.2);
( 190.9, -134.4, 0.0, 1.2);	( 183.9, -141.4, 0.0, 1.2);
( 180.3, -145.0, 0.0, 1.2);	( 176.8, -148.5, 0.0, 1.2);
( 174.7, -150.6, 0.0, 1.2);	( 173.2, -152.0, 0.0, 1.2);
( 171.8, -153.4, 0.0, 1.2);	( 170.4, -154.9, 0.0, 1.2);

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.0,	-156.3,	0.0,	1.2);	( 156.3,	-169.0,	0.0,	1.2);
( 154.9,	-170.4,	0.0,	1.2);	( 153.4,	-171.8,	0.0,	1.2);
( 152.0,	-173.2,	0.0,	1.2);	( 150.6,	-174.7,	0.0,	1.2);
( 148.5,	-176.8,	0.0,	1.2);	( 145.0,	-180.3,	0.0,	1.2);
( 141.4,	-183.9,	0.0,	1.2);	( 134.4,	-190.9,	0.0,	1.2);
( 127.3,	-198.0,	0.0,	1.2);	( 120.2,	-205.1,	0.0,	1.2);
( 113.1,	-212.1,	0.0,	1.2);	( 106.1,	-219.2,	0.0,	1.2);
( 99.0,	-226.3,	0.0,	1.2);	( 91.9,	-233.4,	0.0,	1.2);
( 240.4,	-99.0,	0.0,	1.2);	( 233.4,	-106.1,	0.0,	1.2);
( 226.3,	-113.1,	0.0,	1.2);	( 219.2,	-120.2,	0.0,	1.2);
( 212.1,	-127.3,	0.0,	1.2);	( 205.1,	-134.4,	0.0,	1.2);
( 198.0,	-141.4,	0.0,	1.2);	( 190.9,	-148.5,	0.0,	1.2);
( 187.4,	-152.0,	0.0,	1.2);	( 183.9,	-155.6,	0.0,	1.2);
( 181.7,	-157.7,	0.0,	1.2);	( 180.3,	-159.1,	0.0,	1.2);
( 178.9,	-160.5,	0.0,	1.2);	( 177.5,	-161.9,	0.0,	1.2);
( 176.1,	-163.3,	0.0,	1.2);	( 163.3,	-176.1,	0.0,	1.2);
( 161.9,	-177.5,	0.0,	1.2);	( 160.5,	-178.9,	0.0,	1.2);
( 159.1,	-180.3,	0.0,	1.2);	( 157.7,	-181.7,	0.0,	1.2);
( 155.6,	-183.9,	0.0,	1.2);	( 152.0,	-187.4,	0.0,	1.2);
( 148.5,	-190.9,	0.0,	1.2);	( 141.4,	-198.0,	0.0,	1.2);
( 134.4,	-205.1,	0.0,	1.2);	( 127.3,	-212.1,	0.0,	1.2);
( 120.2,	-219.2,	0.0,	1.2);	( 113.1,	-226.3,	0.0,	1.2);
( 106.1,	-233.4,	0.0,	1.2);	( 99.0,	-240.4,	0.0,	1.2);
( 247.5,	-106.1,	0.0,	1.2);	( 240.4,	-113.1,	0.0,	1.2);
( 233.4,	-120.2,	0.0,	1.2);	( 226.3,	-127.3,	0.0,	1.2);
( 219.2,	-134.4,	0.0,	1.2);	( 212.1,	-141.4,	0.0,	1.2);
( 205.1,	-148.5,	0.0,	1.2);	( 198.0,	-155.6,	0.0,	1.2);
( 194.4,	-159.1,	0.0,	1.2);	( 190.9,	-162.6,	0.0,	1.2);
( 188.8,	-164.8,	0.0,	1.2);	( 187.4,	-166.2,	0.0,	1.2);
( 186.0,	-167.6,	0.0,	1.2);	( 184.6,	-169.0,	0.0,	1.2);
( 183.1,	-170.4,	0.0,	1.2);	( 170.4,	-183.1,	0.0,	1.2);
( 169.0,	-184.6,	0.0,	1.2);	( 167.6,	-186.0,	0.0,	1.2);
( 166.2,	-187.4,	0.0,	1.2);	( 164.8,	-188.8,	0.0,	1.2);
( 162.6,	-190.9,	0.0,	1.2);	( 159.1,	-194.4,	0.0,	1.2);
( 155.6,	-198.0,	0.0,	1.2);	( 148.5,	-205.1,	0.0,	1.2);
( 141.4,	-212.1,	0.0,	1.2);	( 134.4,	-219.2,	0.0,	1.2);
( 127.3,	-226.3,	0.0,	1.2);	( 120.2,	-233.4,	0.0,	1.2);
( 113.1,	-240.4,	0.0,	1.2);	( 106.1,	-247.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00005
-212.13	141.42	0.00005	-219.20	134.35	0.00005
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00004	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00005



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00006	-161.93	149.20	0.00006
-163.34	147.79	0.00006	-164.76	146.37	0.00006
-166.17	144.96	0.00006	-167.58	143.54	0.00006
-169.71	141.42	0.00006	-173.24	137.89	0.00006
-176.78	134.35	0.00006	-183.85	127.28	0.00006
-190.92	120.21	0.00006	-197.99	113.14	0.00006
-205.06	106.07	0.00006	-212.13	99.00	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00004	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-98.99	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00006
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00006
-156.27	140.71	0.00006	-157.68	139.30	0.00006
-159.10	137.89	0.00006	-160.51	136.47	0.00006
-162.63	134.35	0.00006	-166.17	130.81	0.00006
-169.71	127.28	0.00006	-176.78	120.21	0.00006
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	99.00	0.00006	-205.06	91.92	0.00006
-212.13	84.85	0.00006	-219.20	77.78	0.00006
-70.71	212.13	0.00005	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00006	-106.07	176.78	0.00006
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00007	-169.71	113.14	0.00007
-176.78	106.07	0.00007	-183.85	98.99	0.00007
-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00006
-63.64	205.06	0.00005	-70.71	197.99	0.00005
-77.78	190.92	0.00005	-84.85	183.85	0.00006
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00007	-123.74	144.96	0.00007
-125.16	143.54	0.00007	-126.57	142.13	0.00007
-127.99	140.71	0.00007	-140.71	127.99	0.00007
-142.13	126.57	0.00007	-143.54	125.16	0.00007
-144.96	123.74	0.00007	-146.37	122.33	0.00007
-148.49	120.21	0.00007	-152.03	116.67	0.00007
-155.56	113.14	0.00007	-162.63	106.07	0.00007
-169.71	98.99	0.00007	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00005	-63.64	190.92	0.00005
-70.71	183.85	0.00005	-77.78	176.78	0.00006
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00007
-135.06	119.50	0.00007	-136.47	118.09	0.00007
-137.89	116.67	0.00007	-139.30	115.26	0.00007
-141.42	113.14	0.00007	-144.96	109.60	0.00007
-148.49	106.07	0.00007	-155.56	98.99	0.00007
-162.63	91.92	0.00007	-169.71	84.85	0.00007
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00007	-197.99	56.57	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\*      THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00005	-56.57	183.85	0.00005
-63.64	176.78	0.00006	-70.71	169.71	0.00006
-77.78	162.63	0.00006	-84.85	155.56	0.00007
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00008	-132.23	108.19	0.00008
-134.35	106.07	0.00008	-137.89	102.53	0.00008
-141.42	98.99	0.00008	-148.49	91.92	0.00008
-155.56	84.85	0.00008	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00008	-190.92	49.50	0.00007
-42.43	183.85	0.00005	-49.50	176.78	0.00006
-56.57	169.71	0.00006	-63.64	162.63	0.00006
-70.71	155.56	0.00007	-77.78	148.49	0.00007
-84.85	141.42	0.00007	-91.92	134.35	0.00007
-95.46	130.81	0.00008	-98.99	127.28	0.00008
-101.12	125.16	0.00008	-102.53	123.74	0.00008
-103.94	122.33	0.00008	-105.36	120.92	0.00008
-106.77	119.50	0.00008	-119.50	106.77	0.00008
-120.92	105.36	0.00008	-122.33	103.94	0.00008
-123.74	102.53	0.00008	-125.16	101.12	0.00008
-127.28	98.99	0.00008	-130.81	95.46	0.00008
-134.35	91.92	0.00008	-141.42	84.85	0.00008
-148.49	77.78	0.00008	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00008
-176.78	49.50	0.00008	-183.85	42.43	0.00008
-35.36	176.78	0.00005	-42.43	169.71	0.00006
-49.50	162.63	0.00006	-56.57	155.56	0.00007
-63.64	148.49	0.00007	-70.71	141.42	0.00007
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00008
-113.84	98.29	0.00008	-115.26	96.87	0.00008
-116.67	95.46	0.00008	-118.09	94.05	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36  
\*\*MODELOPTS:

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00008	-123.74	88.39	0.00008
-127.28	84.85	0.00009	-134.35	77.78	0.00009
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00008
-169.71	42.43	0.00008	-176.78	35.36	0.00008
-28.28	169.71	0.00006	-35.36	162.63	0.00006
-42.43	155.56	0.00006	-49.50	148.49	0.00007
-56.57	141.42	0.00007	-63.64	134.35	0.00008
-70.71	127.28	0.00008	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00009	-88.39	109.60	0.00009
-89.80	108.19	0.00009	-91.22	106.77	0.00009
-92.63	105.36	0.00009	-105.36	92.63	0.00009
-106.77	91.22	0.00009	-108.19	89.80	0.00009
-109.60	88.39	0.00009	-111.02	86.97	0.00009
-113.14	84.85	0.00009	-116.67	81.32	0.00009
-120.21	77.78	0.00009	-127.28	70.71	0.00009
-134.35	63.64	0.00009	-141.42	56.57	0.00009
-148.49	49.50	0.00009	-155.56	42.43	0.00009
-162.63	35.36	0.00009	-169.71	28.28	0.00009
-21.21	162.63	0.00006	-28.28	155.56	0.00006
-35.36	148.49	0.00007	-42.43	141.42	0.00007
-49.50	134.35	0.00008	-56.57	127.28	0.00008
-63.64	120.21	0.00009	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00009
-99.70	84.15	0.00009	-101.12	82.73	0.00009
-102.53	81.32	0.00009	-103.94	79.90	0.00009
-106.07	77.78	0.00010	-109.60	74.25	0.00010
-113.14	70.71	0.00010	-120.21	63.64	0.00010
-127.28	56.57	0.00010	-134.35	49.50	0.00010
-141.42	42.43	0.00010	-148.49	35.36	0.00009
-155.56	28.28	0.00009	-162.63	21.21	0.00009
-14.14	155.56	0.00006	-21.21	148.49	0.00007
-28.28	141.42	0.00007	-35.36	134.35	0.00008

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00008	-49.50	120.21	0.00009
-56.57	113.14	0.00009	-63.64	106.07	0.00009
-67.18	102.53	0.00009	-70.71	98.99	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00010	-74.25	95.46	0.00010
-75.66	94.05	0.00010	-77.07	92.63	0.00010
-78.49	91.22	0.00010	-91.22	78.49	0.00010
-92.63	77.07	0.00010	-94.05	75.66	0.00010
-95.46	74.25	0.00010	-96.87	72.83	0.00010
-98.99	70.71	0.00010	-102.53	67.18	0.00010
-106.07	63.64	0.00010	-113.14	56.57	0.00010
-120.21	49.50	0.00010	-127.28	42.43	0.00010
-134.35	35.36	0.00010	-141.42	28.28	0.00010
-148.49	21.21	0.00010	-155.56	14.14	0.00010
-7.07	148.49	0.00006	-14.14	141.42	0.00007
-21.21	134.35	0.00007	-28.28	127.28	0.00008
-35.36	120.21	0.00009	-42.43	113.14	0.00009
-49.50	106.07	0.00010	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00011
-85.56	70.00	0.00011	-86.97	68.59	0.00011
-88.39	67.18	0.00011	-89.80	65.76	0.00011
-91.92	63.64	0.00011	-95.46	60.10	0.00011
-98.99	56.57	0.00011	-106.07	49.50	0.00011
-113.14	42.43	0.00011	-120.21	35.36	0.00011
-127.28	28.28	0.00011	-134.35	21.21	0.00011
-141.42	14.14	0.00011	-148.49	7.07	0.00010
0.00	141.42	0.00006	-7.07	134.35	0.00007
-14.14	127.28	0.00008	-21.21	120.21	0.00008
-28.28	113.14	0.00009	-35.36	106.07	0.00010
-42.43	98.99	0.00010	-49.50	91.92	0.00011
-53.03	88.39	0.00011	-56.57	84.85	0.00011
-58.69	82.73	0.00011	-60.10	81.32	0.00011

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00011
-78.49	62.93	0.00011	-79.90	61.52	0.00011
-81.32	60.10	0.00011	-82.73	58.69	0.00012
-84.85	56.57	0.00012	-88.39	53.03	0.00012
-91.92	49.50	0.00012	-98.99	42.43	0.00012
-106.07	35.36	0.00012	-113.14	28.28	0.00012
-120.21	21.21	0.00011	-127.28	14.14	0.00011
-134.35	7.07	0.00011	-141.42	0.00	0.00011

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00007	0.00	127.28	0.00007
-7.07	120.21	0.00008	-14.14	113.14	0.00009
-21.21	106.07	0.00009	-28.28	98.99	0.00010
-35.36	91.92	0.00011	-42.43	84.85	0.00011
-45.96	81.32	0.00011	-49.50	77.78	0.00012
-51.62	75.66	0.00012	-53.03	74.25	0.00012
-54.45	72.83	0.00012	-55.86	71.42	0.00012
-57.28	70.00	0.00012	-70.00	57.28	0.00012
-71.42	55.86	0.00012	-72.83	54.45	0.00012
-74.25	53.03	0.00012	-75.66	51.62	0.00012
-77.78	49.50	0.00012	-81.32	45.96	0.00012
-84.85	42.43	0.00013	-91.92	35.36	0.00013
-98.99	28.28	0.00013	-106.07	21.21	0.00012
-113.14	14.14	0.00012	-120.21	7.07	0.00012
-127.28	0.00	0.00012	-134.35	-7.07	0.00012
14.14	127.28	0.00007	7.07	120.21	0.00008
0.00	113.14	0.00008	-7.07	106.07	0.00009
-14.14	98.99	0.00010	-21.21	91.92	0.00011
-28.28	84.85	0.00011	-35.36	77.78	0.00012
-38.89	74.25	0.00012	-42.43	70.71	0.00012
-44.55	68.59	0.00013	-45.96	67.18	0.00013
-47.38	65.76	0.00013	-48.79	64.35	0.00013
-50.20	62.93	0.00013	-62.93	50.20	0.00013
-64.35	48.79	0.00013	-65.76	47.38	0.00013
-67.18	45.96	0.00013	-68.59	44.55	0.00013

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00013	-74.25	38.89	0.00013
-77.78	35.36	0.00013	-84.85	28.28	0.00013
-91.92	21.21	0.00013	-98.99	14.14	0.00013
-106.07	7.07	0.00013	-113.14	0.00	0.00013
-120.21	-7.07	0.00013	-127.28	-14.14	0.00013
21.21	120.21	0.00007	14.14	113.14	0.00008
7.07	106.07	0.00009	0.00	98.99	0.00010
-7.07	91.92	0.00011	-14.14	84.85	0.00011
-21.21	77.78	0.00012	-28.28	70.71	0.00013
-31.82	67.18	0.00013	-35.36	63.64	0.00013
-37.48	61.52	0.00014	-38.89	60.10	0.00014
-40.31	58.69	0.00014	-41.72	57.28	0.00014
-43.13	55.86	0.00014	-55.86	43.13	0.00014
-57.28	41.72	0.00014	-58.69	40.31	0.00014
-60.10	38.89	0.00014	-61.52	37.48	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00014	-67.18	31.82	0.00014
-70.71	28.28	0.00015	-77.78	21.21	0.00015
-84.85	14.14	0.00014	-91.92	7.07	0.00014
-98.99	0.00	0.00014	-106.07	-7.07	0.00014
-113.14	-14.14	0.00014	-120.21	-21.21	0.00013
28.28	113.14	0.00007	21.21	106.07	0.00008
14.14	98.99	0.00009	7.07	91.92	0.00010
0.00	84.85	0.00011	-7.07	77.78	0.00012
-14.14	70.71	0.00013	-21.21	63.64	0.00014
-24.75	60.10	0.00014	-28.28	56.57	0.00014
-30.41	54.45	0.00015	-31.82	53.03	0.00015
-33.23	51.62	0.00015	-34.65	50.20	0.00015
-36.06	48.79	0.00015	-48.79	36.06	0.00015
-50.20	34.65	0.00015	-51.62	33.23	0.00015
-53.03	31.82	0.00015	-54.45	30.41	0.00015
-56.57	28.28	0.00016	-60.10	24.75	0.00016
-63.64	21.21	0.00016	-70.71	14.14	0.00016
-77.78	7.07	0.00016	-84.85	0.00	0.00015
-91.92	-7.07	0.00015	-98.99	-14.14	0.00015

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00015	-113.14	-28.28	0.00014
35.36	106.07	0.00008	28.28	98.99	0.00009
21.21	91.92	0.00010	14.14	84.85	0.00011
7.07	77.78	0.00012	0.00	70.71	0.00013
-7.07	63.64	0.00014	-14.14	56.57	0.00015
-17.68	53.03	0.00015	-21.21	49.50	0.00016
-23.33	47.38	0.00016	-24.75	45.96	0.00016
-26.16	44.55	0.00016	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00017
-43.13	27.58	0.00017	-44.55	26.16	0.00017
-45.96	24.75	0.00017	-47.38	23.33	0.00017
-49.50	21.21	0.00017	-53.03	17.68	0.00017
-56.57	14.14	0.00017	-63.64	7.07	0.00017
-70.71	0.00	0.00017	-77.78	-7.07	0.00017
-84.85	-14.14	0.00016	-91.92	-21.21	0.00016
-98.99	-28.28	0.00016	-106.07	-35.36	0.00015
42.43	98.99	0.00008	35.36	91.92	0.00009
28.28	84.85	0.00010	21.21	77.78	0.00011
14.14	70.71	0.00012	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00017
-21.92	34.65	0.00018	-34.65	21.92	0.00018
-36.06	20.51	0.00018	-37.48	19.09	0.00018
-38.89	17.68	0.00018	-40.31	16.26	0.00018
-42.43	14.14	0.00018	-45.96	10.61	0.00018
-49.50	7.07	0.00019	-56.57	0.00	0.00018
-63.64	-7.07	0.00018	-70.71	-14.14	0.00018
-77.78	-21.21	0.00018	-84.85	-28.28	0.00017
-91.92	-35.36	0.00017	-98.99	-42.43	0.00016
49.50	91.92	0.00008	42.43	84.85	0.00009
35.36	77.78	0.00010	28.28	70.71	0.00012
21.21	63.64	0.00013	14.14	56.57	0.00015

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00016	0.00	42.43	0.00017
-3.54	38.89	0.00018	-7.07	35.36	0.00018
-9.19	33.23	0.00019	-10.61	31.82	0.00019
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00020
-28.99	13.44	0.00020	-30.41	12.02	0.00020
-31.82	10.61	0.00020	-33.23	9.19	0.00020
-35.36	7.07	0.00020	-38.89	3.54	0.00020
-42.43	0.00	0.00020	-49.50	-7.07	0.00020
-56.57	-14.14	0.00020	-63.64	-21.21	0.00019
-70.71	-28.28	0.00019	-77.78	-35.36	0.00019
-84.85	-42.43	0.00018	-91.92	-49.50	0.00017
56.57	84.85	0.00008	49.50	77.78	0.00010
42.43	70.71	0.00011	35.36	63.64	0.00012
28.28	56.57	0.00014	21.21	49.50	0.00016
14.14	42.43	0.00017	7.07	35.36	0.00019
3.54	31.82	0.00020	0.00	28.28	0.00020
-2.12	26.16	0.00020	-3.54	24.75	0.00021
-4.95	23.33	0.00021	-6.36	21.92	0.00021
-7.78	20.51	0.00021	-20.51	7.78	0.00022
-21.92	6.36	0.00022	-23.33	4.95	0.00022
-24.75	3.54	0.00022	-26.16	2.12	0.00022
-28.28	0.00	0.00022	-31.82	-3.54	0.00022
-35.36	-7.07	0.00022	-42.43	-14.14	0.00022
-49.50	-21.21	0.00022	-56.57	-28.28	0.00021
-63.64	-35.36	0.00021	-70.71	-42.43	0.00020
-77.78	-49.50	0.00019	-84.85	-56.57	0.00018

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00013
35.36	49.50	0.00015	28.28	42.43	0.00017
21.21	35.36	0.00019	14.14	28.28	0.00021
10.61	24.75	0.00021	7.07	21.21	0.00022
4.95	19.09	0.00022	3.54	17.68	0.00023
2.12	16.26	0.00023	0.71	14.85	0.00023



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00023	-13.44	0.71	0.00024
-14.85	-0.71	0.00024	-16.26	-2.12	0.00024
-17.68	-3.54	0.00024	-19.09	-4.95	0.00024
-21.21	-7.07	0.00024	-24.75	-10.61	0.00024
-28.28	-14.14	0.00024	-35.36	-21.21	0.00024
-42.43	-28.28	0.00024	-49.50	-35.36	0.00023
-56.57	-42.43	0.00023	-63.64	-49.50	0.00022
-70.71	-56.57	0.00021	-77.78	-63.64	0.00019
70.71	70.71	0.00009	63.64	63.64	0.00010
56.57	56.57	0.00012	49.50	49.50	0.00014
42.43	42.43	0.00016	35.36	35.36	0.00018
28.28	28.28	0.00020	21.21	21.21	0.00023
17.68	17.68	0.00024	14.14	14.14	0.00024
12.02	12.02	0.00025	10.61	10.61	0.00025
9.19	9.19	0.00025	7.78	7.78	0.00025
6.36	6.36	0.00026	-6.36	-6.36	0.00027
-7.78	-7.78	0.00027	-9.19	-9.19	0.00027
-10.61	-10.61	0.00027	-12.02	-12.02	0.00027
-14.14	-14.14	0.00027	-17.68	-17.68	0.00027
-21.21	-21.21	0.00027	-28.28	-28.28	0.00027
-35.36	-35.36	0.00026	-42.43	-42.43	0.00026
-49.50	-49.50	0.00025	-56.57	-56.57	0.00024
-63.64	-63.64	0.00022	-70.71	-70.71	0.00021
77.78	63.64	0.00009	70.71	56.57	0.00011
63.64	49.50	0.00012	56.57	42.43	0.00014
49.50	35.36	0.00017	42.43	28.28	0.00019
35.36	21.21	0.00022	28.28	14.14	0.00025
24.75	10.61	0.00026	21.21	7.07	0.00027
19.09	4.95	0.00027	17.68	3.54	0.00028
16.26	2.12	0.00028	14.85	0.71	0.00028
13.44	-0.71	0.00028	0.71	-13.44	0.00030
-0.71	-14.85	0.00030	-2.12	-16.26	0.00030
-3.54	-17.68	0.00030	-4.95	-19.09	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00030	-10.61	-24.75	0.00030

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00030	-21.21	-35.36	0.00030
-28.28	-42.43	0.00029	-35.36	-49.50	0.00028
-42.43	-56.57	0.00027	-49.50	-63.64	0.00025
-56.57	-70.71	0.00024	-63.64	-77.78	0.00022
84.85	56.57	0.00009	77.78	49.50	0.00011
70.71	42.43	0.00013	63.64	35.36	0.00015
56.57	28.28	0.00018	49.50	21.21	0.00021
42.43	14.14	0.00024	35.36	7.07	0.00027
31.82	3.54	0.00029	28.28	0.00	0.00030
26.16	-2.12	0.00031	24.75	-3.54	0.00031
23.33	-4.95	0.00031	21.92	-6.36	0.00032
20.51	-7.78	0.00032	7.78	-20.51	0.00034
6.36	-21.92	0.00034	4.95	-23.33	0.00034
3.54	-24.75	0.00034	2.12	-26.16	0.00034
0.00	-28.28	0.00034	-3.54	-31.82	0.00034
-7.07	-35.36	0.00034	-14.14	-42.43	0.00033
-21.21	-49.50	0.00032	-28.28	-56.57	0.00031
-35.36	-63.64	0.00029	-42.43	-70.71	0.00027
-49.50	-77.78	0.00025	-56.57	-84.85	0.00023
91.92	49.50	0.00010	84.85	42.43	0.00011
77.78	35.36	0.00013	70.71	28.28	0.00016
63.64	21.21	0.00019	56.57	14.14	0.00022
49.50	7.07	0.00026	42.43	0.00	0.00030
38.89	-3.54	0.00032	35.36	-7.07	0.00034
33.23	-9.19	0.00034	31.82	-10.61	0.00035
30.41	-12.02	0.00035	28.99	-13.44	0.00036
27.58	-14.85	0.00036	14.85	-27.58	0.00038
13.44	-28.99	0.00038	12.02	-30.41	0.00038
10.61	-31.82	0.00038	9.19	-33.23	0.00038
7.07	-35.36	0.00038	3.54	-38.89	0.00038
0.00	-42.43	0.00038	-7.07	-49.50	0.00037
-14.14	-56.57	0.00036	-21.21	-63.64	0.00034
-28.28	-70.71	0.00032	-35.36	-77.78	0.00029
-42.43	-84.85	0.00026	-49.50	-91.92	0.00024
98.99	42.43	0.00010	91.92	35.36	0.00011
84.85	28.28	0.00014	77.78	21.21	0.00016
70.71	14.14	0.00020	63.64	7.07	0.00024
56.57	0.00	0.00028	49.50	-7.07	0.00033
45.96	-10.61	0.00035	42.43	-14.14	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00039	38.89	-17.68	0.00039
37.48	-19.09	0.00040	36.06	-20.51	0.00041
34.65	-21.92	0.00041	21.92	-34.65	0.00043
20.51	-36.06	0.00044	19.09	-37.48	0.00044
17.68	-38.89	0.00044	16.26	-40.31	0.00044
14.14	-42.43	0.00044	10.61	-45.96	0.00043
7.07	-49.50	0.00043	0.00	-56.57	0.00042
-7.07	-63.64	0.00040	-14.14	-70.71	0.00038
-21.21	-77.78	0.00035	-28.28	-84.85	0.00031
-35.36	-91.92	0.00028	-42.43	-98.99	0.00025
106.07	35.36	0.00010	98.99	28.28	0.00012
91.92	21.21	0.00014	84.85	14.14	0.00017
77.78	7.07	0.00020	70.71	0.00	0.00025
63.64	-7.07	0.00031	56.57	-14.14	0.00037
53.03	-17.68	0.00040	49.50	-21.21	0.00043
47.38	-23.33	0.00044	45.96	-24.75	0.00045
44.55	-26.16	0.00046	43.13	-27.58	0.00046
41.72	-28.99	0.00047	28.99	-41.72	0.00050
27.58	-43.13	0.00050	26.16	-44.55	0.00050
24.75	-45.96	0.00050	23.33	-47.38	0.00050
21.21	-49.50	0.00050	17.68	-53.03	0.00050
14.14	-56.57	0.00049	7.07	-63.64	0.00047
0.00	-70.71	0.00045	-7.07	-77.78	0.00041
-14.14	-84.85	0.00037	-21.21	-91.92	0.00033
-28.28	-98.99	0.00029	-35.36	-106.07	0.00026
113.14	28.28	0.00010	106.07	21.21	0.00012
98.99	14.14	0.00014	91.92	7.07	0.00017
84.85	0.00	0.00021	77.78	-7.07	0.00027
70.71	-14.14	0.00033	63.64	-21.21	0.00040
60.10	-24.75	0.00044	56.57	-28.28	0.00048
54.45	-30.41	0.00050	53.03	-31.82	0.00052
51.62	-33.23	0.00053	50.20	-34.65	0.00054
48.79	-36.06	0.00055	36.06	-48.79	0.00058
34.65	-50.20	0.00059	33.23	-51.62	0.00059
31.82	-53.03	0.00059	30.41	-54.45	0.00058
28.28	-56.57	0.00058	24.75	-60.10	0.00057
21.21	-63.64	0.00057	14.14	-70.71	0.00054
7.07	-77.78	0.00050	0.00	-84.85	0.00045
-7.07	-91.92	0.00040	-14.14	-98.99	0.00035

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00030 -28.28 -113.14 0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00010	113.14	14.14	0.00012
106.07	7.07	0.00015	98.99	0.00	0.00018
91.92	-7.07	0.00022	84.85	-14.14	0.00028
77.78	-21.21	0.00036	70.71	-28.28	0.00045
67.18	-31.82	0.00050	63.64	-35.36	0.00055
61.52	-37.48	0.00058	60.10	-38.89	0.00060
58.69	-40.31	0.00061	57.28	-41.72	0.00063
55.86	-43.13	0.00064	43.13	-55.86	0.00069
41.72	-57.28	0.00069	40.31	-58.69	0.00069
38.89	-60.10	0.00069	37.48	-61.52	0.00069
35.36	-63.64	0.00068	31.82	-67.18	0.00067
28.28	-70.71	0.00066	21.21	-77.78	0.00062
14.14	-84.85	0.00056	7.07	-91.92	0.00049
0.00	-98.99	0.00042	-7.07	-106.07	0.00037
-14.14	-113.14	0.00031	-21.21	-120.21	0.00027
127.28	14.14	0.00011	120.21	7.07	0.00012
113.14	0.00	0.00015	106.07	-7.07	0.00018
98.99	-14.14	0.00023	91.92	-21.21	0.00029
84.85	-28.28	0.00038	77.78	-35.36	0.00049
74.25	-38.89	0.00056	70.71	-42.43	0.00063
68.59	-44.55	0.00067	67.18	-45.96	0.00069
65.76	-47.38	0.00072	64.35	-48.79	0.00074
62.93	-50.20	0.00076	50.20	-62.93	0.00082
48.79	-64.35	0.00082	47.38	-65.76	0.00082
45.96	-67.18	0.00082	44.55	-68.59	0.00081
42.43	-70.71	0.00081	38.89	-74.25	0.00079
35.36	-77.78	0.00077	28.28	-84.85	0.00070
21.21	-91.92	0.00061	14.14	-98.99	0.00053
7.07	-106.07	0.00045	0.00	-113.14	0.00038
-7.07	-120.21	0.00032	-14.14	-127.28	0.00028
134.35	7.07	0.00011	127.28	0.00	0.00013
120.21	-7.07	0.00015	113.14	-14.14	0.00019
106.07	-21.21	0.00024	98.99	-28.28	0.00031

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00040	84.85	-42.43	0.00054
81.32	-45.96	0.00062	77.78	-49.50	0.00072
75.66	-51.62	0.00077	74.25	-53.03	0.00081
72.83	-54.45	0.00084	71.42	-55.86	0.00088
70.00	-57.28	0.00090	57.28	-70.00	0.00100
55.86	-71.42	0.00099	54.45	-72.83	0.00099
53.03	-74.25	0.00098	51.62	-75.66	0.00098

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00096	45.96	-81.32	0.00093
42.43	-84.85	0.00089	35.36	-91.92	0.00078
28.28	-98.99	0.00066	21.21	-106.07	0.00056
14.14	-113.14	0.00047	7.07	-120.21	0.00039
0.00	-127.28	0.00034	-7.07	-134.35	0.00029
141.42	0.00	0.00011	134.35	-7.07	0.00013
127.28	-14.14	0.00016	120.21	-21.21	0.00019
113.14	-28.28	0.00024	106.07	-35.36	0.00032
98.99	-42.43	0.00042	91.92	-49.50	0.00058
88.39	-53.03	0.00069	84.85	-56.57	0.00081
82.73	-58.69	0.00089	81.32	-60.10	0.00094
79.90	-61.52	0.00100	78.49	-62.93	0.00105
77.07	-64.35	0.00109	64.35	-77.07	0.00122
62.93	-78.49	0.00122	61.52	-79.90	0.00121
60.10	-81.32	0.00119	58.69	-82.73	0.00118
56.57	-84.85	0.00115	53.03	-88.39	0.00109
49.50	-91.92	0.00101	42.43	-98.99	0.00085
35.36	-106.07	0.00071	28.28	-113.14	0.00058
21.21	-120.21	0.00049	14.14	-127.28	0.00041
7.07	-134.35	0.00035	0.00	-141.42	0.00031
148.49	-7.07	0.00012	141.42	-14.14	0.00014
134.35	-21.21	0.00017	127.28	-28.28	0.00020
120.21	-35.36	0.00025	113.14	-42.43	0.00033
106.07	-49.50	0.00044	98.99	-56.57	0.00062
95.46	-60.10	0.00074	91.92	-63.64	0.00090
89.80	-65.76	0.00101	88.39	-67.18	0.00109
86.97	-68.59	0.00117	85.56	-70.00	0.00125

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00132	71.42	-84.15	0.00152
70.00	-85.56	0.00150	68.59	-86.97	0.00148
67.18	-88.39	0.00145	65.76	-89.80	0.00142
63.64	-91.92	0.00136	60.10	-95.46	0.00124
56.57	-98.99	0.00113	49.50	-106.07	0.00092
42.43	-113.14	0.00075	35.36	-120.21	0.00061
28.28	-127.28	0.00051	21.21	-134.35	0.00043
14.14	-141.42	0.00037	7.07	-148.49	0.00032
155.56	-14.14	0.00013	148.49	-21.21	0.00015
141.42	-28.28	0.00018	134.35	-35.36	0.00021
127.28	-42.43	0.00027	120.21	-49.50	0.00035
113.14	-56.57	0.00046	106.07	-63.64	0.00065
102.53	-67.18	0.00079	98.99	-70.71	0.00098

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00111	95.46	-74.25	0.00122
94.05	-75.66	0.00133	92.63	-77.07	0.00146
91.22	-78.49	0.00158	78.49	-91.22	0.00190
77.07	-92.63	0.00184	75.66	-94.05	0.00178
74.25	-95.46	0.00171	72.83	-96.87	0.00164
70.71	-98.99	0.00153	67.18	-102.53	0.00136
63.64	-106.07	0.00122	56.57	-113.14	0.00098
49.50	-120.21	0.00079	42.43	-127.28	0.00065
35.36	-134.35	0.00054	28.28	-141.42	0.00045
21.21	-148.49	0.00039	14.14	-155.56	0.00033
162.63	-21.21	0.00013	155.56	-28.28	0.00016
148.49	-35.36	0.00019	141.42	-42.43	0.00023
134.35	-49.50	0.00028	127.28	-56.57	0.00037
120.21	-63.64	0.00050	113.14	-70.71	0.00070
109.60	-74.25	0.00085	106.07	-77.78	0.00105
103.94	-79.90	0.00121	102.53	-81.32	0.00133
101.12	-82.73	0.00147	99.70	-84.15	0.00163
98.29	-85.56	0.00181	85.56	-98.29	0.00226
84.15	-99.70	0.00213	82.73	-101.12	0.00200
81.32	-102.53	0.00189	79.90	-103.94	0.00180
77.78	-106.07	0.00166	74.25	-109.60	0.00147

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00131	63.64	-120.21	0.00104
56.57	-127.28	0.00083	49.50	-134.35	0.00068
42.43	-141.42	0.00056	35.36	-148.49	0.00047
28.28	-155.56	0.00040	21.21	-162.63	0.00035
169.71	-28.28	0.00014	162.63	-35.36	0.00017
155.56	-42.43	0.00020	148.49	-49.50	0.00024
141.42	-56.57	0.00031	134.35	-63.64	0.00040
127.28	-70.71	0.00054	120.21	-77.78	0.00077
116.67	-81.32	0.00094	113.14	-84.85	0.00118
111.02	-86.97	0.00137	109.60	-88.39	0.00151
108.19	-89.80	0.00169	106.77	-91.22	0.00191
105.36	-92.63	0.00220	92.63	-105.36	0.00258
91.22	-106.77	0.00237	89.80	-108.19	0.00220
88.39	-109.60	0.00206	86.97	-111.02	0.00194
84.85	-113.14	0.00178	81.32	-116.67	0.00156
77.78	-120.21	0.00137	70.71	-127.28	0.00108
63.64	-134.35	0.00086	56.57	-141.42	0.00070
49.50	-148.49	0.00058	42.43	-155.56	0.00048
35.36	-162.63	0.00041	28.28	-169.71	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00015	169.71	-42.43	0.00018
162.63	-49.50	0.00021	155.56	-56.57	0.00026
148.49	-63.64	0.00033	141.42	-70.71	0.00044
134.35	-77.78	0.00061	127.28	-84.85	0.00092
123.74	-88.39	0.00118	120.21	-91.92	0.00156
118.09	-94.05	0.00190	116.67	-95.46	0.00219
115.26	-96.87	0.00256	113.84	-98.29	0.00304
112.43	-99.70	0.00368	99.70	-112.43	0.00327
98.29	-113.84	0.00286	96.87	-115.26	0.00256
95.46	-116.67	0.00233	94.05	-118.09	0.00215
91.92	-120.21	0.00193	88.39	-123.74	0.00166
84.85	-127.28	0.00145	77.78	-134.35	0.00112
70.71	-141.42	0.00088	63.64	-148.49	0.00072
56.57	-155.56	0.00059	49.50	-162.63	0.00050
42.43	-169.71	0.00042	35.36	-176.78	0.00036

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00016	176.78	-49.50	0.00019
169.71	-56.57	0.00024	162.63	-63.64	0.00030
155.56	-70.71	0.00039	148.49	-77.78	0.00052
141.42	-84.85	0.00076	134.35	-91.92	0.00122
130.81	-95.46	0.00162	127.28	-98.99	0.00224
125.16	-101.12	0.00278	123.74	-102.53	0.00323
122.33	-103.94	0.00378	120.92	-105.36	0.00446
119.50	-106.77	0.00531	106.77	-119.50	0.00417
105.36	-120.92	0.00357	103.94	-122.33	0.00314
102.53	-123.74	0.00281	101.12	-125.16	0.00254
98.99	-127.28	0.00222	95.46	-130.81	0.00183
91.92	-134.35	0.00154	84.85	-141.42	0.00116
77.78	-148.49	0.00092	70.71	-155.56	0.00074
63.64	-162.63	0.00061	56.57	-169.71	0.00051
49.50	-176.78	0.00043	42.43	-183.85	0.00037
190.92	-49.50	0.00018	183.85	-56.57	0.00022
176.78	-63.64	0.00027	169.71	-70.71	0.00035
162.63	-77.78	0.00046	155.56	-84.85	0.00065
148.49	-91.92	0.00098	141.42	-98.99	0.00162
137.89	-102.53	0.00218	134.35	-106.07	0.00300
132.23	-108.19	0.00369	130.81	-109.60	0.00425
129.40	-111.02	0.00491	127.99	-112.43	0.00569
126.57	-113.84	0.00663	113.84	-126.57	0.00502
112.43	-127.99	0.00431	111.02	-129.40	0.00376
109.60	-130.81	0.00333	108.19	-132.23	0.00298

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00257	102.53	-137.89	0.00206
98.99	-141.42	0.00170	91.92	-148.49	0.00123
84.85	-155.56	0.00095	77.78	-162.63	0.00077
70.71	-169.71	0.00063	63.64	-176.78	0.00053
56.57	-183.85	0.00045	49.50	-190.92	0.00038
197.99	-56.57	0.00020	190.92	-63.64	0.00025
183.85	-70.71	0.00032	176.78	-77.78	0.00042
169.71	-84.85	0.00057	162.63	-91.92	0.00081
155.56	-98.99	0.00124	148.49	-106.07	0.00206



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00273	141.42	-113.14	0.00370
139.30	-115.26	0.00447	137.89	-116.67	0.00509
136.47	-118.09	0.00581	135.06	-119.50	0.00663
133.64	-120.92	0.00762	120.92	-133.64	0.00573
119.50	-135.06	0.00493	118.09	-136.47	0.00431
116.67	-137.89	0.00380	115.26	-139.30	0.00339
113.14	-141.42	0.00289	109.60	-144.96	0.00229
106.07	-148.49	0.00187	98.99	-155.56	0.00133
91.92	-162.63	0.00100	84.85	-169.71	0.00080
77.78	-176.78	0.00065	70.71	-183.85	0.00055
63.64	-190.92	0.00046	56.57	-197.99	0.00039
205.06	-63.64	0.00023	197.99	-70.71	0.00029
190.92	-77.78	0.00038	183.85	-84.85	0.00050
176.78	-91.92	0.00069	169.71	-98.99	0.00100
162.63	-106.07	0.00153	155.56	-113.14	0.00249
152.03	-116.67	0.00325	148.49	-120.21	0.00429
146.37	-122.33	0.00511	144.96	-123.74	0.00575
143.54	-125.16	0.00649	142.13	-126.57	0.00733
140.71	-127.99	0.00832	127.99	-140.71	0.00624
126.57	-142.13	0.00539	125.16	-143.54	0.00473
123.74	-144.96	0.00417	122.33	-146.37	0.00372
120.21	-148.49	0.00316	116.67	-152.03	0.00249
113.14	-155.56	0.00203	106.07	-162.63	0.00144
98.99	-169.71	0.00108	91.92	-176.78	0.00084
84.85	-183.85	0.00068	77.78	-190.92	0.00056
70.71	-197.99	0.00047	63.64	-205.06	0.00040
212.13	-70.71	0.00027	205.06	-77.78	0.00034
197.99	-84.85	0.00044	190.92	-91.92	0.00059
183.85	-98.99	0.00082	176.78	-106.07	0.00120
169.71	-113.14	0.00181	162.63	-120.21	0.00288
159.10	-123.74	0.00369	155.56	-127.28	0.00478

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00561	152.03	-130.81	0.00625
150.61	-132.23	0.00698	149.20	-133.64	0.00781
147.79	-135.06	0.00878	135.06	-147.79	0.00655

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00567	132.23	-150.61	0.00499
130.81	-152.03	0.00442	129.40	-153.44	0.00395
127.28	-155.56	0.00337	123.74	-159.10	0.00267
120.21	-162.63	0.00219	113.14	-169.71	0.00156
106.07	-176.78	0.00116	98.99	-183.85	0.00089
91.92	-190.92	0.00070	84.85	-197.99	0.00057
77.78	-205.06	0.00047	70.71	-212.13	0.00040
219.20	-77.78	0.00030	212.13	-84.85	0.00039
205.06	-91.92	0.00051	197.99	-98.99	0.00069
190.92	-106.07	0.00096	183.85	-113.14	0.00139
176.78	-120.21	0.00208	169.71	-127.28	0.00322
166.17	-130.81	0.00407	162.63	-134.35	0.00518
160.51	-136.47	0.00601	159.10	-137.89	0.00664
157.68	-139.30	0.00734	156.27	-140.71	0.00814
154.86	-142.13	0.00908	142.13	-154.86	0.00666
140.71	-156.27	0.00580	139.30	-157.68	0.00513
137.89	-159.10	0.00458	136.47	-160.51	0.00412
134.35	-162.63	0.00356	130.81	-166.17	0.00285
127.28	-169.71	0.00234	120.21	-176.78	0.00166
113.14	-183.85	0.00123	106.07	-190.92	0.00094
98.99	-197.99	0.00073	91.92	-205.06	0.00058
84.85	-212.13	0.00048	77.78	-219.20	0.00040
226.27	-84.85	0.00034	219.20	-91.92	0.00044
212.13	-98.99	0.00058	205.06	-106.07	0.00079
197.99	-113.14	0.00109	190.92	-120.21	0.00156
183.85	-127.28	0.00230	176.78	-134.35	0.00350
173.24	-137.89	0.00437	169.71	-141.42	0.00549
167.58	-143.54	0.00632	166.17	-144.96	0.00694
164.76	-146.37	0.00763	163.34	-147.79	0.00841
161.93	-149.20	0.00929	149.20	-161.93	0.00669
147.79	-163.34	0.00589	146.37	-164.76	0.00525
144.96	-166.17	0.00473	143.54	-167.58	0.00428
141.42	-169.71	0.00372	137.89	-173.24	0.00299
134.35	-176.78	0.00246	127.28	-183.85	0.00174
120.21	-190.92	0.00129	113.14	-197.99	0.00098
106.07	-205.06	0.00076	98.99	-212.13	0.00061
91.92	-219.20	0.00049	84.85	-226.27	0.00041

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00039	226.27	-98.99	0.00050
219.20	-106.07	0.00066	212.13	-113.14	0.00089
205.06	-120.21	0.00122	197.99	-127.28	0.00172
190.92	-134.35	0.00249	183.85	-141.42	0.00371
180.31	-144.96	0.00458	176.78	-148.49	0.00568
174.66	-150.61	0.00648	173.24	-152.03	0.00708
171.83	-153.44	0.00774	170.41	-154.86	0.00847
169.00	-156.27	0.00924	156.27	-169.00	0.00666
154.86	-170.41	0.00594	153.44	-171.83	0.00533
152.03	-173.24	0.00483	150.61	-174.66	0.00439
148.49	-176.78	0.00384	144.96	-180.31	0.00312
141.42	-183.85	0.00257	134.35	-190.92	0.00182
127.28	-197.99	0.00135	120.21	-205.06	0.00103
113.14	-212.13	0.00080	106.07	-219.20	0.00063
98.99	-226.27	0.00051	91.92	-233.35	0.00042
240.42	-98.99	0.00044	233.35	-106.07	0.00056
226.27	-113.14	0.00073	219.20	-120.21	0.00098
212.13	-127.28	0.00133	205.06	-134.35	0.00184
197.99	-141.42	0.00262	190.92	-148.49	0.00379
187.38	-152.03	0.00459	183.85	-155.56	0.00555
181.73	-157.68	0.00620	180.31	-159.10	0.00666
178.90	-160.51	0.00713	177.48	-161.93	0.00759
176.07	-163.34	0.00800	163.34	-176.07	0.00616
161.93	-177.48	0.00565	160.51	-178.90	0.00518
159.10	-180.31	0.00476	157.68	-181.73	0.00437
155.56	-183.85	0.00386	152.03	-187.38	0.00317
148.49	-190.92	0.00263	141.42	-197.99	0.00187
134.35	-205.06	0.00139	127.28	-212.13	0.00106
120.21	-219.20	0.00083	113.14	-226.27	0.00066
106.07	-233.35	0.00054	98.99	-240.42	0.00044
247.49	-106.07	0.00048	240.42	-113.14	0.00061
233.35	-120.21	0.00080	226.27	-127.28	0.00105
219.20	-134.35	0.00141	212.13	-141.42	0.00192
205.06	-148.49	0.00265	197.99	-155.56	0.00368
194.45	-159.10	0.00434	190.92	-162.63	0.00506
188.80	-164.76	0.00551	187.38	-166.17	0.00581
185.97	-167.58	0.00609	184.55	-169.00	0.00634
183.14	-170.41	0.00655	170.41	-183.14	0.00541
169.00	-184.55	0.00507	167.58	-185.97	0.00474
166.17	-187.38	0.00442	164.76	-188.80	0.00411

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19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00370	159.10	-194.45	0.00311
155.56	-197.99	0.00262	148.49	-205.06	0.00190
141.42	-212.13	0.00141	134.35	-219.20	0.00109
127.28	-226.27	0.00086	120.21	-233.35	0.00068
113.14	-240.42	0.00055	106.07	-247.49	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00005	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00007	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00007
-159.10	194.45	0.00008	-162.63	190.92	0.00008
-164.76	188.80	0.00008	-166.17	187.38	0.00008
-167.58	185.97	0.00008	-169.00	184.55	0.00008
-170.41	183.14	0.00008	-183.14	170.41	0.00008
-184.55	169.00	0.00008	-185.97	167.58	0.00008
-187.38	166.17	0.00008	-188.80	164.76	0.00008
-190.92	162.63	0.00008	-194.45	159.10	0.00008
-197.99	155.56	0.00008	-205.06	148.49	0.00008
-212.13	141.42	0.00008	-219.20	134.35	0.00008
-226.27	127.28	0.00008	-233.35	120.21	0.00008
-240.42	113.14	0.00008	-247.49	106.07	0.00008
-98.99	240.42	0.00005	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00007
-127.28	212.13	0.00007	-134.35	205.06	0.00007
-141.42	197.99	0.00008	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00008
-177.48	161.93	0.00008	-178.90	160.51	0.00008
-180.31	159.10	0.00008	-181.73	157.68	0.00008
-183.85	155.56	0.00008	-187.38	152.03	0.00008
-190.92	148.49	0.00009	-197.99	141.42	0.00009
-205.06	134.35	0.00009	-212.13	127.28	0.00009
-219.20	120.21	0.00009	-226.27	113.14	0.00008
-233.35	106.07	0.00008	-240.42	98.99	0.00008
-91.92	233.35	0.00006	-98.99	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00007
-120.21	205.06	0.00007	-127.28	197.99	0.00008
-134.35	190.92	0.00008	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00009	-152.03	173.24	0.00009
-153.44	171.83	0.00009	-154.86	170.41	0.00009
-156.27	169.00	0.00009	-169.00	156.27	0.00009
-170.41	154.86	0.00009	-171.83	153.44	0.00009
-173.24	152.03	0.00009	-174.66	150.61	0.00009

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00009	-180.31	144.96	0.00009
-183.85	141.42	0.00009	-190.92	134.35	0.00009
-197.99	127.28	0.00009	-205.06	120.21	0.00009
-212.13	113.14	0.00009	-219.20	106.07	0.00009
-226.27	99.00	0.00009	-233.35	91.92	0.00009
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-98.99	212.13	0.00007	-106.07	205.06	0.00007
-113.14	197.99	0.00008	-120.21	190.92	0.00008
-127.28	183.85	0.00009	-134.35	176.78	0.00009
-137.89	173.24	0.00009	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00009
-163.34	147.79	0.00009	-164.76	146.37	0.00009

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00009	-167.58	143.54	0.00009
-169.71	141.42	0.00010	-173.24	137.89	0.00010
-176.78	134.35	0.00010	-183.85	127.28	0.00010
-190.92	120.21	0.00010	-197.99	113.14	0.00010
-205.06	106.07	0.00010	-212.13	99.00	0.00009
-219.20	91.92	0.00009	-226.27	84.85	0.00009
-77.78	219.20	0.00006	-84.85	212.13	0.00007
-91.92	205.06	0.00007	-98.99	197.99	0.00008
-106.07	190.92	0.00008	-113.14	183.85	0.00009
-120.21	176.78	0.00009	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00010
-136.47	160.51	0.00010	-137.89	159.10	0.00010
-139.30	157.68	0.00010	-140.71	156.27	0.00010
-142.13	154.86	0.00010	-154.86	142.13	0.00010
-156.27	140.71	0.00010	-157.68	139.30	0.00010
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00010	-166.17	130.81	0.00010
-169.71	127.28	0.00010	-176.78	120.21	0.00010
-183.85	113.14	0.00010	-190.92	106.07	0.00010
-197.99	99.00	0.00010	-205.06	91.92	0.00010
-212.13	84.85	0.00010	-219.20	77.78	0.00010
-70.71	212.13	0.00006	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00008
-98.99	183.85	0.00009	-106.07	176.78	0.00009
-113.14	169.71	0.00010	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00011
-149.20	133.64	0.00011	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011
-155.56	127.28	0.00011	-159.10	123.74	0.00011
-162.63	120.21	0.00011	-169.71	113.14	0.00011
-176.78	106.07	0.00011	-183.85	98.99	0.00011

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00011	-197.99	84.85	0.00011
-205.06	77.78	0.00011	-212.13	70.71	0.00010
-63.64	205.06	0.00006	-70.71	197.99	0.00007
-77.78	190.92	0.00008	-84.85	183.85	0.00008
-91.92	176.78	0.00009	-98.99	169.71	0.00010
-106.07	162.63	0.00010	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00011
-142.13	126.57	0.00011	-143.54	125.16	0.00011
-144.96	123.74	0.00011	-146.37	122.33	0.00012
-148.49	120.21	0.00012	-152.03	116.67	0.00012
-155.56	113.14	0.00012	-162.63	106.07	0.00012
-169.71	98.99	0.00012	-176.78	91.92	0.00012
-183.85	84.85	0.00011	-190.92	77.78	0.00011
-197.99	70.71	0.00011	-205.06	63.64	0.00011
-56.57	197.99	0.00007	-63.64	190.92	0.00007
-70.71	183.85	0.00008	-77.78	176.78	0.00009
-84.85	169.71	0.00009	-91.92	162.63	0.00010
-98.99	155.56	0.00011	-106.07	148.49	0.00011
-109.60	144.96	0.00011	-113.14	141.42	0.00012
-115.26	139.30	0.00012	-116.67	137.89	0.00012
-118.09	136.47	0.00012	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00012
-135.06	119.50	0.00012	-136.47	118.09	0.00012
-137.89	116.67	0.00012	-139.30	115.26	0.00012
-141.42	113.14	0.00012	-144.96	109.60	0.00012
-148.49	106.07	0.00013	-155.56	98.99	0.00013
-162.63	91.92	0.00013	-169.71	84.85	0.00012
-176.78	77.78	0.00012	-183.85	70.71	0.00012
-190.92	63.64	0.00012	-197.99	56.57	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00007	-56.57	183.85	0.00008
-63.64	176.78	0.00008	-70.71	169.71	0.00009

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00010	-84.85	155.56	0.00011
-91.92	148.49	0.00011	-98.99	141.42	0.00012
-102.53	137.89	0.00012	-106.07	134.35	0.00012
-108.19	132.23	0.00013	-109.60	130.81	0.00013
-111.02	129.40	0.00013	-112.43	127.99	0.00013
-113.84	126.57	0.00013	-126.57	113.84	0.00013
-127.99	112.43	0.00013	-129.40	111.02	0.00013
-130.81	109.60	0.00013	-132.23	108.19	0.00013
-134.35	106.07	0.00013	-137.89	102.53	0.00013
-141.42	98.99	0.00013	-148.49	91.92	0.00013
-155.56	84.85	0.00013	-162.63	77.78	0.00013
-169.71	70.71	0.00013	-176.78	63.64	0.00013
-183.85	56.57	0.00013	-190.92	49.50	0.00013
-42.43	183.85	0.00007	-49.50	176.78	0.00008
-56.57	169.71	0.00009	-63.64	162.63	0.00010
-70.71	155.56	0.00011	-77.78	148.49	0.00011
-84.85	141.42	0.00012	-91.92	134.35	0.00013
-95.46	130.81	0.00013	-98.99	127.28	0.00013
-101.12	125.16	0.00014	-102.53	123.74	0.00014
-103.94	122.33	0.00014	-105.36	120.92	0.00014
-106.77	119.50	0.00014	-119.50	106.77	0.00014
-120.92	105.36	0.00014	-122.33	103.94	0.00014
-123.74	102.53	0.00014	-125.16	101.12	0.00014
-127.28	98.99	0.00014	-130.81	95.46	0.00014
-134.35	91.92	0.00015	-141.42	84.85	0.00015
-148.49	77.78	0.00014	-155.56	70.71	0.00014
-162.63	63.64	0.00014	-169.71	56.57	0.00014
-176.78	49.50	0.00014	-183.85	42.43	0.00013
-35.36	176.78	0.00007	-42.43	169.71	0.00008
-49.50	162.63	0.00009	-56.57	155.56	0.00010
-63.64	148.49	0.00011	-70.71	141.42	0.00012
-77.78	134.35	0.00013	-84.85	127.28	0.00014
-88.39	123.74	0.00014	-91.92	120.21	0.00014
-94.05	118.09	0.00015	-95.46	116.67	0.00015
-96.87	115.26	0.00015	-98.29	113.84	0.00015
-99.70	112.43	0.00015	-112.43	99.70	0.00015
-113.84	98.29	0.00015	-115.26	96.87	0.00015
-116.67	95.46	0.00015	-118.09	94.05	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*



19NCRA PL94-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00016	-123.74	88.39	0.00016	
-127.28	84.85	0.00016	-134.35	77.78	0.00016	
-141.42	70.71	0.00016	-148.49	63.64	0.00015	
-155.56	56.57	0.00015	-162.63	49.50	0.00015	
-169.71	42.43	0.00015	-176.78	35.36	0.00014	
-28.28	169.71	0.00008	-35.36	162.63	0.00009	
-42.43	155.56	0.00010	-49.50	148.49	0.00011	
-56.57	141.42	0.00012	-63.64	134.35	0.00013	
-70.71	127.28	0.00014	-77.78	120.21	0.00015	
-81.32	116.67	0.00015	-84.85	113.14	0.00016	
-86.97	111.02	0.00016	-88.39	109.60	0.00016	
-89.80	108.19	0.00016	-91.22	106.77	0.00016	
-92.63	105.36	0.00016	-105.36	92.63	0.00017	
-106.77	91.22	0.00017	-108.19	89.80	0.00017	
-109.60	88.39	0.00017	-111.02	86.97	0.00017	
-113.14	84.85	0.00017	-116.67	81.32	0.00017	
-120.21	77.78	0.00017	-127.28	70.71	0.00017	
-134.35	63.64	0.00017	-141.42	56.57	0.00017	
-148.49	49.50	0.00016	-155.56	42.43	0.00016	
-162.63	35.36	0.00016	-169.71	28.28	0.00015	
-21.21	162.63	0.00008	-28.28	155.56	0.00009	
-35.36	148.49	0.00010	-42.43	141.42	0.00011	
-49.50	134.35	0.00012	-56.57	127.28	0.00014	
-63.64	120.21	0.00015	-70.71	113.14	0.00016	
-74.25	109.60	0.00017	-77.78	106.07	0.00017	
-79.90	103.94	0.00017	-81.32	102.53	0.00017	
-82.73	101.12	0.00017	-84.15	99.70	0.00017	
-85.56	98.29	0.00018	-98.29	85.56	0.00018	
-99.70	84.15	0.00018	-101.12	82.73	0.00018	
-102.53	81.32	0.00018	-103.94	79.90	0.00018	
-106.07	77.78	0.00018	-109.60	74.25	0.00018	
-113.14	70.71	0.00019	-120.21	63.64	0.00018	
-127.28	56.57	0.00018	-134.35	49.50	0.00018	
-141.42	42.43	0.00018	-148.49	35.36	0.00017	
-155.56	28.28	0.00017	-162.63	21.21	0.00016	
-14.14	155.56	0.00008	-21.21	148.49	0.00009	
-28.28	141.42	0.00010	-35.36	134.35	0.00012	
-42.43	127.28	0.00013	-49.50	120.21	0.00015	
-56.57	113.14	0.00016	-63.64	106.07	0.00017	
-67.18	102.53	0.00018	-70.71	98.99	0.00018	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

15:39:36

\*\*MODELOPTS:

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00019	-74.25	95.46	0.00019
-75.66	94.05	0.00019	-77.07	92.63	0.00019
-78.49	91.22	0.00019	-91.22	78.49	0.00020
-92.63	77.07	0.00020	-94.05	75.66	0.00020
-95.46	74.25	0.00020	-96.87	72.83	0.00020
-98.99	70.71	0.00020	-102.53	67.18	0.00020
-106.07	63.64	0.00020	-113.14	56.57	0.00020
-120.21	49.50	0.00020	-127.28	42.43	0.00019
-134.35	35.36	0.00019	-141.42	28.28	0.00019
-148.49	21.21	0.00018	-155.56	14.14	0.00017
-7.07	148.49	0.00008	-14.14	141.42	0.00010
-21.21	134.35	0.00011	-28.28	127.28	0.00012
-35.36	120.21	0.00014	-42.43	113.14	0.00016
-49.50	106.07	0.00017	-56.57	98.99	0.00019
-60.10	95.46	0.00020	-63.64	91.92	0.00020
-65.76	89.80	0.00020	-67.18	88.39	0.00021
-68.59	86.97	0.00021	-70.00	85.56	0.00021
-71.42	84.15	0.00021	-84.15	71.42	0.00022
-85.56	70.00	0.00022	-86.97	68.59	0.00022
-88.39	67.18	0.00022	-89.80	65.76	0.00022
-91.92	63.64	0.00022	-95.46	60.10	0.00022
-98.99	56.57	0.00022	-106.07	49.50	0.00022
-113.14	42.43	0.00022	-120.21	35.36	0.00021
-127.28	28.28	0.00021	-134.35	21.21	0.00020
-141.42	14.14	0.00019	-148.49	7.07	0.00018
0.00	141.42	0.00009	-7.07	134.35	0.00010
-14.14	127.28	0.00011	-21.21	120.21	0.00013
-28.28	113.14	0.00015	-35.36	106.07	0.00017
-42.43	98.99	0.00019	-49.50	91.92	0.00021
-53.03	88.39	0.00021	-56.57	84.85	0.00022
-58.69	82.73	0.00022	-60.10	81.32	0.00023
-61.52	79.90	0.00023	-62.93	78.49	0.00023
-64.35	77.07	0.00023	-77.07	64.35	0.00024
-78.49	62.93	0.00024	-79.90	61.52	0.00024

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00024	-82.73	58.69	0.00024
-84.85	56.57	0.00024	-88.39	53.03	0.00024
-91.92	49.50	0.00024	-98.99	42.43	0.00024
-106.07	35.36	0.00024	-113.14	28.28	0.00023
-120.21	21.21	0.00023	-127.28	14.14	0.00022
-134.35	7.07	0.00021	-141.42	0.00	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00009	0.00	127.28	0.00010
-7.07	120.21	0.00012	-14.14	113.14	0.00014
-21.21	106.07	0.00016	-28.28	98.99	0.00018
-35.36	91.92	0.00020	-42.43	84.85	0.00023
-45.96	81.32	0.00024	-49.50	77.78	0.00024
-51.62	75.66	0.00025	-53.03	74.25	0.00025
-54.45	72.83	0.00025	-55.86	71.42	0.00025
-57.28	70.00	0.00026	-70.00	57.28	0.00027
-71.42	55.86	0.00027	-72.83	54.45	0.00027
-74.25	53.03	0.00027	-75.66	51.62	0.00027
-77.78	49.50	0.00027	-81.32	45.96	0.00027
-84.85	42.43	0.00027	-91.92	35.36	0.00027
-98.99	28.28	0.00026	-106.07	21.21	0.00026
-113.14	14.14	0.00025	-120.21	7.07	0.00024
-127.28	0.00	0.00022	-134.35	-7.07	0.00021
14.14	127.28	0.00009	7.07	120.21	0.00011
0.00	113.14	0.00012	-7.07	106.07	0.00014
-14.14	98.99	0.00017	-21.21	91.92	0.00019
-28.28	84.85	0.00022	-35.36	77.78	0.00025
-38.89	74.25	0.00026	-42.43	70.71	0.00027
-44.55	68.59	0.00027	-45.96	67.18	0.00028
-47.38	65.76	0.00028	-48.79	64.35	0.00028
-50.20	62.93	0.00028	-62.93	50.20	0.00030
-64.35	48.79	0.00030	-65.76	47.38	0.00030
-67.18	45.96	0.00030	-68.59	44.55	0.00030
-70.71	42.43	0.00030	-74.25	38.89	0.00030
-77.78	35.36	0.00030	-84.85	28.28	0.00030
-91.92	21.21	0.00029	-98.99	14.14	0.00028

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00027	-113.14	0.00	0.00025
-120.21	-7.07	0.00024	-127.28	-14.14	0.00022
21.21	120.21	0.00009	14.14	113.14	0.00011
7.07	106.07	0.00013	0.00	98.99	0.00015
-7.07	91.92	0.00018	-14.14	84.85	0.00021
-21.21	77.78	0.00024	-28.28	70.71	0.00027
-31.82	67.18	0.00029	-35.36	63.64	0.00030
-37.48	61.52	0.00031	-38.89	60.10	0.00031
-40.31	58.69	0.00031	-41.72	57.28	0.00032
-43.13	55.86	0.00032	-55.86	43.13	0.00034
-57.28	41.72	0.00034	-58.69	40.31	0.00034
-60.10	38.89	0.00034	-61.52	37.48	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00034	-67.18	31.82	0.00034
-70.71	28.28	0.00034	-77.78	21.21	0.00033
-84.85	14.14	0.00032	-91.92	7.07	0.00031
-98.99	0.00	0.00029	-106.07	-7.07	0.00027
-113.14	-14.14	0.00025	-120.21	-21.21	0.00023
28.28	113.14	0.00010	21.21	106.07	0.00011
14.14	98.99	0.00013	7.07	91.92	0.00016
0.00	84.85	0.00019	-7.07	77.78	0.00022
-14.14	70.71	0.00026	-21.21	63.64	0.00030
-24.75	60.10	0.00032	-28.28	56.57	0.00034
-30.41	54.45	0.00034	-31.82	53.03	0.00035
-33.23	51.62	0.00035	-34.65	50.20	0.00036
-36.06	48.79	0.00036	-48.79	36.06	0.00038
-50.20	34.65	0.00038	-51.62	33.23	0.00038
-53.03	31.82	0.00038	-54.45	30.41	0.00038
-56.57	28.28	0.00038	-60.10	24.75	0.00038
-63.64	21.21	0.00038	-70.71	14.14	0.00037
-77.78	7.07	0.00036	-84.85	0.00	0.00034
-91.92	-7.07	0.00032	-98.99	-14.14	0.00029
-106.07	-21.21	0.00026	-113.14	-28.28	0.00024
35.36	106.07	0.00010	28.28	98.99	0.00011
21.21	91.92	0.00014	14.14	84.85	0.00016

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00020	0.00	70.71	0.00024
-7.07	63.64	0.00028	-14.14	56.57	0.00033
-17.68	53.03	0.00035	-21.21	49.50	0.00038
-23.33	47.38	0.00039	-24.75	45.96	0.00039
-26.16	44.55	0.00040	-27.58	43.13	0.00041
-28.99	41.72	0.00041	-41.72	28.99	0.00043
-43.13	27.58	0.00044	-44.55	26.16	0.00044
-45.96	24.75	0.00044	-47.38	23.33	0.00044
-49.50	21.21	0.00044	-53.03	17.68	0.00043
-56.57	14.14	0.00043	-63.64	7.07	0.00042
-70.71	0.00	0.00040	-77.78	-7.07	0.00038
-84.85	-14.14	0.00035	-91.92	-21.21	0.00031
-98.99	-28.28	0.00028	-106.07	-35.36	0.00025
42.43	98.99	0.00010	35.36	91.92	0.00012
28.28	84.85	0.00014	21.21	77.78	0.00017
14.14	70.71	0.00020	7.07	63.64	0.00025
0.00	56.57	0.00031	-7.07	49.50	0.00037
-10.61	45.96	0.00040	-14.14	42.43	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00044	-17.68	38.89	0.00045
-19.09	37.48	0.00046	-20.51	36.06	0.00046
-21.92	34.65	0.00047	-34.65	21.92	0.00050
-36.06	20.51	0.00050	-37.48	19.09	0.00050
-38.89	17.68	0.00050	-40.31	16.26	0.00050
-42.43	14.14	0.00050	-45.96	10.61	0.00050
-49.50	7.07	0.00049	-56.57	0.00	0.00047
-63.64	-7.07	0.00045	-70.71	-14.14	0.00041
-77.78	-21.21	0.00037	-84.85	-28.28	0.00033
-91.92	-35.36	0.00029	-98.99	-42.43	0.00026
49.50	91.92	0.00010	42.43	84.85	0.00012
35.36	77.78	0.00014	28.28	70.71	0.00017
21.21	63.64	0.00021	14.14	56.57	0.00027
7.07	49.50	0.00033	0.00	42.43	0.00040
-3.54	38.89	0.00044	-7.07	35.36	0.00048
-9.19	33.23	0.00050	-10.61	31.82	0.00052

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00053	-13.44	28.99	0.00054
-14.85	27.58	0.00055	-27.58	14.85	0.00058
-28.99	13.44	0.00059	-30.41	12.02	0.00059
-31.82	10.61	0.00059	-33.23	9.19	0.00058
-35.36	7.07	0.00058	-38.89	3.54	0.00057
-42.43	0.00	0.00057	-49.50	-7.07	0.00054
-56.57	-14.14	0.00050	-63.64	-21.21	0.00045
-70.71	-28.28	0.00040	-77.78	-35.36	0.00035
-84.85	-42.43	0.00030	-91.92	-49.50	0.00026
56.57	84.85	0.00010	49.50	77.78	0.00012
42.43	70.71	0.00015	35.36	63.64	0.00018
28.28	56.57	0.00022	21.21	49.50	0.00028
14.14	42.43	0.00036	7.07	35.36	0.00045
3.54	31.82	0.00050	0.00	28.28	0.00055
-2.12	26.16	0.00058	-3.54	24.75	0.00060
-4.95	23.33	0.00061	-6.36	21.92	0.00063
-7.78	20.51	0.00064	-20.51	7.78	0.00069
-21.92	6.36	0.00069	-23.33	4.95	0.00069
-24.75	3.54	0.00069	-26.16	2.12	0.00069
-28.28	0.00	0.00068	-31.82	-3.54	0.00067
-35.36	-7.07	0.00066	-42.43	-14.14	0.00062
-49.50	-21.21	0.00056	-56.57	-28.28	0.00049
-63.64	-35.36	0.00042	-70.71	-42.43	0.00037
-77.78	-49.50	0.00031	-84.85	-56.57	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00011	56.57	70.71	0.00012
49.50	63.64	0.00015	42.43	56.57	0.00018
35.36	49.50	0.00023	28.28	42.43	0.00029
21.21	35.36	0.00038	14.14	28.28	0.00049
10.61	24.75	0.00056	7.07	21.21	0.00063
4.95	19.09	0.00067	3.54	17.68	0.00069
2.12	16.26	0.00072	0.71	14.85	0.00074
-0.71	13.44	0.00076	-13.44	0.71	0.00082
-14.85	-0.71	0.00082	-16.26	-2.12	0.00082
-17.68	-3.54	0.00082	-19.09	-4.95	0.00081

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00081	-24.75	-10.61	0.00079
-28.28	-14.14	0.00077	-35.36	-21.21	0.00070
-42.43	-28.28	0.00061	-49.50	-35.36	0.00053
-56.57	-42.43	0.00045	-63.64	-49.50	0.00038
-70.71	-56.57	0.00032	-77.78	-63.64	0.00028
70.71	70.71	0.00011	63.64	63.64	0.00013
56.57	56.57	0.00015	49.50	49.50	0.00019
42.43	42.43	0.00024	35.36	35.36	0.00031
28.28	28.28	0.00040	21.21	21.21	0.00054
17.68	17.68	0.00062	14.14	14.14	0.00072
12.02	12.02	0.00077	10.61	10.61	0.00081
9.19	9.19	0.00084	7.78	7.78	0.00088
6.36	6.36	0.00090	-6.36	-6.36	0.00100
-7.78	-7.78	0.00099	-9.19	-9.19	0.00099
-10.61	-10.61	0.00098	-12.02	-12.02	0.00098
-14.14	-14.14	0.00096	-17.68	-17.68	0.00093
-21.21	-21.21	0.00089	-28.28	-28.28	0.00078
-35.36	-35.36	0.00066	-42.43	-42.43	0.00056
-49.50	-49.50	0.00047	-56.57	-56.57	0.00039
-63.64	-63.64	0.00034	-70.71	-70.71	0.00029
77.78	63.64	0.00011	70.71	56.57	0.00013
63.64	49.50	0.00016	56.57	42.43	0.00019
49.50	35.36	0.00024	42.43	28.28	0.00032
35.36	21.21	0.00042	28.28	14.14	0.00058
24.75	10.61	0.00069	21.21	7.07	0.00081
19.09	4.95	0.00089	17.68	3.54	0.00094
16.26	2.12	0.00100	14.85	0.71	0.00105
13.44	-0.71	0.00109	0.71	-13.44	0.00123
-0.71	-14.85	0.00122	-2.12	-16.26	0.00121
-3.54	-17.68	0.00119	-4.95	-19.09	0.00118

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00115	-10.61	-24.75	0.00109
-14.14	-28.28	0.00101	-21.21	-35.36	0.00085
-28.28	-42.43	0.00071	-35.36	-49.50	0.00058
-42.43	-56.57	0.00049	-49.50	-63.64	0.00041

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00035	-63.64	-77.78	0.00031
84.85	56.57	0.00012	77.78	49.50	0.00014
70.71	42.43	0.00017	63.64	35.36	0.00020
56.57	28.28	0.00025	49.50	21.21	0.00033
42.43	14.14	0.00044	35.36	7.07	0.00062
31.82	3.54	0.00074	28.28	0.00	0.00090
26.16	-2.12	0.00101	24.75	-3.54	0.00109
23.33	-4.95	0.00117	21.92	-6.36	0.00125
20.51	-7.78	0.00132	7.78	-20.51	0.00152
6.36	-21.92	0.00150	4.95	-23.33	0.00148
3.54	-24.75	0.00145	2.12	-26.16	0.00142
0.00	-28.28	0.00136	-3.54	-31.82	0.00124
-7.07	-35.36	0.00113	-14.14	-42.43	0.00092
-21.21	-49.50	0.00075	-28.28	-56.57	0.00061
-35.36	-63.64	0.00051	-42.43	-70.71	0.00043
-49.50	-77.78	0.00037	-56.57	-84.85	0.00032
91.92	49.50	0.00013	84.85	42.43	0.00015
77.78	35.36	0.00018	70.71	28.28	0.00021
63.64	21.21	0.00027	56.57	14.14	0.00035
49.50	7.07	0.00046	42.43	0.00	0.00065
38.89	-3.54	0.00079	35.36	-7.07	0.00098
33.23	-9.19	0.00111	31.82	-10.61	0.00122
30.41	-12.02	0.00133	28.99	-13.44	0.00146
27.58	-14.85	0.00158	14.85	-27.58	0.00190
13.44	-28.99	0.00184	12.02	-30.41	0.00178
10.61	-31.82	0.00171	9.19	-33.23	0.00164
7.07	-35.36	0.00153	3.54	-38.89	0.00136
0.00	-42.43	0.00122	-7.07	-49.50	0.00098
-14.14	-56.57	0.00079	-21.21	-63.64	0.00065
-28.28	-70.71	0.00054	-35.36	-77.78	0.00045
-42.43	-84.85	0.00039	-49.50	-91.92	0.00033
98.99	42.43	0.00013	91.92	35.36	0.00016
84.85	28.28	0.00019	77.78	21.21	0.00023
70.71	14.14	0.00028	63.64	7.07	0.00037
56.57	0.00	0.00050	49.50	-7.07	0.00070
45.96	-10.61	0.00085	42.43	-14.14	0.00105

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00121	38.89	-17.68	0.00133
37.48	-19.09	0.00147	36.06	-20.51	0.00163
34.65	-21.92	0.00181	21.92	-34.65	0.00226
20.51	-36.06	0.00213	19.09	-37.48	0.00200
17.68	-38.89	0.00189	16.26	-40.31	0.00180
14.14	-42.43	0.00166	10.61	-45.96	0.00147
7.07	-49.50	0.00131	0.00	-56.57	0.00104
-7.07	-63.64	0.00083	-14.14	-70.71	0.00068
-21.21	-77.78	0.00056	-28.28	-84.85	0.00047
-35.36	-91.92	0.00040	-42.43	-98.99	0.00035
106.07	35.36	0.00014	98.99	28.28	0.00017
91.92	21.21	0.00020	84.85	14.14	0.00024
77.78	7.07	0.00031	70.71	0.00	0.00040
63.64	-7.07	0.00054	56.57	-14.14	0.00077
53.03	-17.68	0.00094	49.50	-21.21	0.00118
47.38	-23.33	0.00137	45.96	-24.75	0.00151
44.55	-26.16	0.00169	43.13	-27.58	0.00191
41.72	-28.99	0.00220	28.99	-41.72	0.00258
27.58	-43.13	0.00237	26.16	-44.55	0.00220
24.75	-45.96	0.00206	23.33	-47.38	0.00194
21.21	-49.50	0.00178	17.68	-53.03	0.00156
14.14	-56.57	0.00137	7.07	-63.64	0.00108
0.00	-70.71	0.00086	-7.07	-77.78	0.00070
-14.14	-84.85	0.00058	-21.21	-91.92	0.00048
-28.28	-98.99	0.00041	-35.36	-106.07	0.00036
113.14	28.28	0.00015	106.07	21.21	0.00018
98.99	14.14	0.00021	91.92	7.07	0.00026
84.85	0.00	0.00033	77.78	-7.07	0.00044
70.71	-14.14	0.00061	63.64	-21.21	0.00092
60.10	-24.75	0.00118	56.57	-28.28	0.00156
54.45	-30.41	0.00190	53.03	-31.82	0.00219
51.62	-33.23	0.00256	50.20	-34.65	0.00304
48.79	-36.06	0.00368	36.06	-48.79	0.00327
34.65	-50.20	0.00286	33.23	-51.62	0.00256
31.82	-53.03	0.00233	30.41	-54.45	0.00215
28.28	-56.57	0.00193	24.75	-60.10	0.00166
21.21	-63.64	0.00145	14.14	-70.71	0.00112
7.07	-77.78	0.00088	0.00	-84.85	0.00072
-7.07	-91.92	0.00059	-14.14	-98.99	0.00050
-21.21	-106.07	0.00042	-28.28	-113.14	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00016	113.14	14.14	0.00019	
106.07	7.07	0.00024	98.99	0.00	0.00030	
91.92	-7.07	0.00039	84.85	-14.14	0.00052	
77.78	-21.21	0.00076	70.71	-28.28	0.00122	
67.18	-31.82	0.00162	63.64	-35.36	0.00224	
61.52	-37.48	0.00278	60.10	-38.89	0.00323	
58.69	-40.31	0.00379	57.28	-41.72	0.00446	
55.86	-43.13	0.00531	43.13	-55.86	0.00417	
41.72	-57.28	0.00357	40.31	-58.69	0.00314	
38.89	-60.10	0.00281	37.48	-61.52	0.00254	
35.36	-63.64	0.00222	31.82	-67.18	0.00183	
28.28	-70.71	0.00154	21.21	-77.78	0.00116	
14.14	-84.85	0.00092	7.07	-91.92	0.00074	
0.00	-98.99	0.00061	-7.07	-106.07	0.00051	
-14.14	-113.14	0.00043	-21.21	-120.21	0.00037	
127.28	14.14	0.00018	120.21	7.07	0.00022	
113.14	0.00	0.00027	106.07	-7.07	0.00035	
98.99	-14.14	0.00046	91.92	-21.21	0.00065	
84.85	-28.28	0.00098	77.78	-35.36	0.00162	
74.25	-38.89	0.00218	70.71	-42.43	0.00300	
68.59	-44.55	0.00369	67.18	-45.96	0.00424	
65.76	-47.38	0.00491	64.35	-48.79	0.00569	
62.93	-50.20	0.00663	50.20	-62.93	0.00502	
48.79	-64.35	0.00431	47.38	-65.76	0.00376	
45.96	-67.18	0.00333	44.55	-68.59	0.00298	
42.43	-70.71	0.00257	38.89	-74.25	0.00206	
35.36	-77.78	0.00170	28.28	-84.85	0.00123	
21.21	-91.92	0.00095	14.14	-98.99	0.00077	
7.07	-106.07	0.00063	0.00	-113.14	0.00053	
-7.07	-120.21	0.00045	-14.14	-127.28	0.00038	
134.35	7.07	0.00020	127.28	0.00	0.00025	
120.21	-7.07	0.00032	113.14	-14.14	0.00042	
106.07	-21.21	0.00057	98.99	-28.28	0.00081	
91.92	-35.36	0.00125	84.85	-42.43	0.00206	
81.32	-45.96	0.00273	77.78	-49.50	0.00370	
75.66	-51.62	0.00447	74.25	-53.03	0.00509	

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00581	71.42	-55.86	0.00663
70.00	-57.28	0.00762	57.28	-70.00	0.00573
55.86	-71.42	0.00493	54.45	-72.83	0.00431
53.03	-74.25	0.00380	51.62	-75.66	0.00339

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00289	45.96	-81.32	0.00229
42.43	-84.85	0.00187	35.36	-91.92	0.00133
28.28	-98.99	0.00100	21.21	-106.07	0.00080
14.14	-113.14	0.00065	7.07	-120.21	0.00055
0.00	-127.28	0.00046	-7.07	-134.35	0.00039
141.42	0.00	0.00023	134.35	-7.07	0.00029
127.28	-14.14	0.00038	120.21	-21.21	0.00050
113.14	-28.28	0.00069	106.07	-35.36	0.00100
98.99	-42.43	0.00153	91.92	-49.50	0.00249
88.39	-53.03	0.00325	84.85	-56.57	0.00429
82.73	-58.69	0.00511	81.32	-60.10	0.00575
79.90	-61.52	0.00649	78.49	-62.93	0.00733
77.07	-64.35	0.00832	64.35	-77.07	0.00624
62.93	-78.49	0.00539	61.52	-79.90	0.00473
60.10	-81.32	0.00417	58.69	-82.73	0.00372
56.57	-84.85	0.00316	53.03	-88.39	0.00249
49.50	-91.92	0.00203	42.43	-98.99	0.00144
35.36	-106.07	0.00108	28.28	-113.14	0.00084
21.21	-120.21	0.00068	14.14	-127.28	0.00056
7.07	-134.35	0.00047	0.00	-141.42	0.00040
148.49	-7.07	0.00027	141.42	-14.14	0.00034
134.35	-21.21	0.00044	127.28	-28.28	0.00059
120.21	-35.36	0.00082	113.14	-42.43	0.00120
106.07	-49.50	0.00181	98.99	-56.57	0.00288
95.46	-60.10	0.00369	91.92	-63.64	0.00478
89.80	-65.76	0.00561	88.39	-67.18	0.00625
86.97	-68.59	0.00698	85.56	-70.00	0.00781
84.15	-71.42	0.00878	71.42	-84.15	0.00655
70.00	-85.56	0.00567	68.59	-86.97	0.00499
67.18	-88.39	0.00442	65.76	-89.80	0.00395

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00337	60.10	-95.46	0.00267
56.57	-98.99	0.00219	49.50	-106.07	0.00156
42.43	-113.14	0.00116	35.36	-120.21	0.00089
28.28	-127.28	0.00070	21.21	-134.35	0.00057
14.14	-141.42	0.00047	7.07	-148.49	0.00040
155.56	-14.14	0.00030	148.49	-21.21	0.00039
141.42	-28.28	0.00051	134.35	-35.36	0.00069
127.28	-42.43	0.00096	120.21	-49.50	0.00139
113.14	-56.57	0.00208	106.07	-63.64	0.00322
102.53	-67.18	0.00407	98.99	-70.71	0.00518

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00601	95.46	-74.25	0.00664
94.05	-75.66	0.00734	92.63	-77.07	0.00814
91.22	-78.49	0.00908	78.49	-91.22	0.00666
77.07	-92.63	0.00580	75.66	-94.05	0.00513
74.25	-95.46	0.00458	72.83	-96.87	0.00412
70.71	-98.99	0.00356	67.18	-102.53	0.00285
63.64	-106.07	0.00234	56.57	-113.14	0.00166
49.50	-120.21	0.00123	42.43	-127.28	0.00094
35.36	-134.35	0.00073	28.28	-141.42	0.00058
21.21	-148.49	0.00048	14.14	-155.56	0.00040
162.63	-21.21	0.00034	155.56	-28.28	0.00044
148.49	-35.36	0.00058	141.42	-42.43	0.00079
134.35	-49.50	0.00109	127.28	-56.57	0.00156
120.21	-63.64	0.00230	113.14	-70.71	0.00350
109.60	-74.25	0.00437	106.07	-77.78	0.00549
103.94	-79.90	0.00632	102.53	-81.32	0.00694
101.12	-82.73	0.00763	99.70	-84.15	0.00841
98.29	-85.56	0.00929	85.56	-98.29	0.00669
84.15	-99.70	0.00589	82.73	-101.12	0.00525
81.32	-102.53	0.00473	79.90	-103.94	0.00428
77.78	-106.07	0.00372	74.25	-109.60	0.00299
70.71	-113.14	0.00246	63.64	-120.21	0.00174
56.57	-127.28	0.00129	49.50	-134.35	0.00098
42.43	-141.42	0.00076	35.36	-148.49	0.00061

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00049	21.21	-162.63	0.00041
169.71	-28.28	0.00039	162.63	-35.36	0.00050
155.56	-42.43	0.00066	148.49	-49.50	0.00089
141.42	-56.57	0.00122	134.35	-63.64	0.00172
127.28	-70.71	0.00249	120.21	-77.78	0.00371
116.67	-81.32	0.00458	113.14	-84.85	0.00568
111.02	-86.97	0.00648	109.60	-88.39	0.00708
108.19	-89.80	0.00774	106.77	-91.22	0.00847
105.36	-92.63	0.00924	92.63	-105.36	0.00666
91.22	-106.77	0.00594	89.80	-108.19	0.00533
88.39	-109.60	0.00483	86.97	-111.02	0.00439
84.85	-113.14	0.00384	81.32	-116.67	0.00312
77.78	-120.21	0.00257	70.71	-127.28	0.00182
63.64	-134.35	0.00135	56.57	-141.42	0.00103
49.50	-148.49	0.00080	42.43	-155.56	0.00063
35.36	-162.63	0.00051	28.28	-169.71	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00044	169.71	-42.43	0.00056
162.63	-49.50	0.00073	155.56	-56.57	0.00098
148.49	-63.64	0.00133	141.42	-70.71	0.00184
134.35	-77.78	0.00262	127.28	-84.85	0.00379
123.74	-88.39	0.00459	120.21	-91.92	0.00555
118.09	-94.05	0.00620	116.67	-95.46	0.00666
115.26	-96.87	0.00713	113.84	-98.29	0.00759
112.43	-99.70	0.00800	99.70	-112.43	0.00616
98.29	-113.84	0.00565	96.87	-115.26	0.00518
95.46	-116.67	0.00476	94.05	-118.09	0.00438
91.92	-120.21	0.00386	88.39	-123.74	0.00317
84.85	-127.28	0.00263	77.78	-134.35	0.00187
70.71	-141.42	0.00139	63.64	-148.49	0.00106
56.57	-155.56	0.00083	49.50	-162.63	0.00066
42.43	-169.71	0.00054	35.36	-176.78	0.00044
183.85	-42.43	0.00048	176.78	-49.50	0.00061
169.71	-56.57	0.00080	162.63	-63.64	0.00105
155.56	-70.71	0.00141	148.49	-77.78	0.00192

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00265	134.35	-91.92	0.00368
130.81	-95.46	0.00434	127.28	-98.99	0.00506
125.16	-101.12	0.00551	123.74	-102.53	0.00581
122.33	-103.94	0.00609	120.92	-105.36	0.00634
119.50	-106.77	0.00655	106.77	-119.50	0.00541
105.36	-120.92	0.00507	103.94	-122.33	0.00474
102.53	-123.74	0.00442	101.12	-125.16	0.00411
98.99	-127.28	0.00370	95.46	-130.81	0.00311
91.92	-134.35	0.00262	84.85	-141.42	0.00190
77.78	-148.49	0.00141	70.71	-155.56	0.00109
63.64	-162.63	0.00086	56.57	-169.71	0.00068
49.50	-176.78	0.00055	42.43	-183.85	0.00046
190.92	-49.50	0.00052	183.85	-56.57	0.00066
176.78	-63.64	0.00085	169.71	-70.71	0.00110
162.63	-77.78	0.00145	155.56	-84.85	0.00193
148.49	-91.92	0.00258	141.42	-98.99	0.00343
137.89	-102.53	0.00393	134.35	-106.07	0.00444
132.23	-108.19	0.00474	130.81	-109.60	0.00492
129.40	-111.02	0.00508	127.99	-112.43	0.00522
126.57	-113.84	0.00534	113.84	-126.57	0.00462
112.43	-127.99	0.00441	111.02	-129.40	0.00419
109.60	-130.81	0.00396	108.19	-132.23	0.00374

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00341	102.53	-137.89	0.00293
98.99	-141.42	0.00252	91.92	-148.49	0.00188
84.85	-155.56	0.00142	77.78	-162.63	0.00110
70.71	-169.71	0.00087	63.64	-176.78	0.00070
56.57	-183.85	0.00057	49.50	-190.92	0.00047
197.99	-56.57	0.00055	190.92	-63.64	0.00069
183.85	-70.71	0.00088	176.78	-77.78	0.00113
169.71	-84.85	0.00146	162.63	-91.92	0.00189
155.56	-98.99	0.00245	148.49	-106.07	0.00312
144.96	-109.60	0.00349	141.42	-113.14	0.00384
139.30	-115.26	0.00403	137.89	-116.67	0.00414
136.47	-118.09	0.00424	135.06	-119.50	0.00433

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00439	120.92	-133.64	0.00392
119.50	-135.06	0.00378	118.09	-136.47	0.00364
116.67	-137.89	0.00349	115.26	-139.30	0.00333
113.14	-141.42	0.00309	109.60	-144.96	0.00270
106.07	-148.49	0.00236	98.99	-155.56	0.00181
91.92	-162.63	0.00141	84.85	-169.71	0.00110
77.78	-176.78	0.00088	70.71	-183.85	0.00071
63.64	-190.92	0.00058	56.57	-197.99	0.00048
205.06	-63.64	0.00058	197.99	-70.71	0.00072
190.92	-77.78	0.00090	183.85	-84.85	0.00113
176.78	-91.92	0.00144	169.71	-98.99	0.00181
162.63	-106.07	0.00227	155.56	-113.14	0.00280
152.03	-116.67	0.00306	148.49	-120.21	0.00330
146.37	-122.33	0.00343	144.96	-123.74	0.00351
143.54	-125.16	0.00357	142.13	-126.57	0.00362
140.71	-127.99	0.00365	127.99	-140.71	0.00333
126.57	-142.13	0.00324	125.16	-143.54	0.00314
123.74	-144.96	0.00304	122.33	-146.37	0.00293
120.21	-148.49	0.00275	116.67	-152.03	0.00246
113.14	-155.56	0.00218	106.07	-162.63	0.00171
98.99	-169.71	0.00136	91.92	-176.78	0.00109
84.85	-183.85	0.00088	77.78	-190.92	0.00071
70.71	-197.99	0.00059	63.64	-205.06	0.00049
212.13	-70.71	0.00060	205.06	-77.78	0.00073
197.99	-84.85	0.00091	190.92	-91.92	0.00112
183.85	-98.99	0.00139	176.78	-106.07	0.00171
169.71	-113.14	0.00209	162.63	-120.21	0.00249
159.10	-123.74	0.00268	155.56	-127.28	0.00285

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S) :            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00294	152.03	-130.81	0.00299
150.61	-132.23	0.00303	149.20	-133.64	0.00306
147.79	-135.06	0.00308	135.06	-147.79	0.00284
133.64	-149.20	0.00278	132.23	-150.61	0.00271
130.81	-152.03	0.00264	129.40	-153.44	0.00257
127.28	-155.56	0.00244	123.74	-159.10	0.00222

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00200	113.14	-169.71	0.00160
106.07	-176.78	0.00129	98.99	-183.85	0.00105
91.92	-190.92	0.00086	84.85	-197.99	0.00071
77.78	-205.06	0.00059	70.71	-212.13	0.00050
219.20	-77.78	0.00061	212.13	-84.85	0.00074
205.06	-91.92	0.00090	197.99	-98.99	0.00109
190.92	-106.07	0.00133	183.85	-113.14	0.00160
176.78	-120.21	0.00191	169.71	-127.28	0.00221
166.17	-130.81	0.00235	162.63	-134.35	0.00247
160.51	-136.47	0.00253	159.10	-137.89	0.00257
157.68	-139.30	0.00259	156.27	-140.71	0.00261
154.86	-142.13	0.00263	142.13	-154.86	0.00245
140.71	-156.27	0.00240	139.30	-157.68	0.00236
137.89	-159.10	0.00231	136.47	-160.51	0.00225
134.35	-162.63	0.00216	130.81	-166.17	0.00200
127.28	-169.71	0.00183	120.21	-176.78	0.00150
113.14	-183.85	0.00122	106.07	-190.92	0.00101
98.99	-197.99	0.00084	91.92	-205.06	0.00070
84.85	-212.13	0.00059	77.78	-219.20	0.00050
226.27	-84.85	0.00061	219.20	-91.92	0.00073
212.13	-98.99	0.00088	205.06	-106.07	0.00106
197.99	-113.14	0.00126	190.92	-120.21	0.00149
183.85	-127.28	0.00173	176.78	-134.35	0.00197
173.24	-137.89	0.00207	169.71	-141.42	0.00216
167.58	-143.54	0.00220	166.17	-144.96	0.00223
164.76	-146.37	0.00224	163.34	-147.79	0.00226
161.93	-149.20	0.00226	149.20	-161.93	0.00213
147.79	-163.34	0.00209	146.37	-164.76	0.00206
144.96	-166.17	0.00202	143.54	-167.58	0.00198
141.42	-169.71	0.00191	137.89	-173.24	0.00179
134.35	-176.78	0.00166	127.28	-183.85	0.00139
120.21	-190.92	0.00115	113.14	-197.99	0.00096
106.07	-205.06	0.00081	98.99	-212.13	0.00068
91.92	-219.20	0.00058	84.85	-226.27	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00061	226.27	-98.99	0.00072
219.20	-106.07	0.00086	212.13	-113.14	0.00101
205.06	-120.21	0.00119	197.99	-127.28	0.00138
190.92	-134.35	0.00157	183.85	-141.42	0.00176
180.31	-144.96	0.00184	176.78	-148.49	0.00190
174.66	-150.61	0.00193	173.24	-152.03	0.00195
171.83	-153.44	0.00196	170.41	-154.86	0.00197
169.00	-156.27	0.00197	156.27	-169.00	0.00186
154.86	-170.41	0.00184	153.44	-171.83	0.00181
152.03	-173.24	0.00178	150.61	-174.66	0.00175
148.49	-176.78	0.00170	144.96	-180.31	0.00161
141.42	-183.85	0.00151	134.35	-190.92	0.00129
127.28	-197.99	0.00108	120.21	-205.06	0.00091
113.14	-212.13	0.00077	106.07	-219.20	0.00066
98.99	-226.27	0.00057	91.92	-233.35	0.00049
240.42	-98.99	0.00060	233.35	-106.07	0.00071
226.27	-113.14	0.00083	219.20	-120.21	0.00096
212.13	-127.28	0.00111	205.06	-134.35	0.00127
197.99	-141.42	0.00143	190.92	-148.49	0.00157
187.38	-152.03	0.00163	183.85	-155.56	0.00168
181.73	-157.68	0.00170	180.31	-159.10	0.00171
178.90	-160.51	0.00172	177.48	-161.93	0.00173
176.07	-163.34	0.00173	163.34	-176.07	0.00164
161.93	-177.48	0.00163	160.51	-178.90	0.00160
159.10	-180.31	0.00158	157.68	-181.73	0.00156
155.56	-183.85	0.00152	152.03	-187.38	0.00145
148.49	-190.92	0.00137	141.42	-197.99	0.00119
134.35	-205.06	0.00102	127.28	-212.13	0.00086
120.21	-219.20	0.00074	113.14	-226.27	0.00063
106.07	-233.35	0.00055	98.99	-240.42	0.00048
247.49	-106.07	0.00059	240.42	-113.14	0.00069
233.35	-120.21	0.00079	226.27	-127.28	0.00091
219.20	-134.35	0.00104	212.13	-141.42	0.00117
205.06	-148.49	0.00130	197.99	-155.56	0.00142
194.45	-159.10	0.00146	190.92	-162.63	0.00150
188.80	-164.76	0.00151	187.38	-166.17	0.00152
185.97	-167.58	0.00153	184.55	-169.00	0.00153
183.14	-170.41	0.00153	170.41	-183.14	0.00146
169.00	-184.55	0.00145	167.58	-185.97	0.00143
166.17	-187.38	0.00141	164.76	-188.80	0.00139

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00136	159.10	-194.45	0.00131	
155.56	-197.99	0.00125	148.49	-205.06	0.00110	
141.42	-212.13	0.00096	134.35	-219.20	0.00082	
127.28	-226.27	0.00070	120.21	-233.35	0.00061	
113.14	-240.42	0.00053	106.07	-247.49	0.00047	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00007	-113.14	240.42	0.00008	
-120.21	233.35	0.00009	-127.28	226.27	0.00010	
-134.35	219.20	0.00011	-141.42	212.13	0.00011	
-148.49	205.06	0.00012	-155.56	197.99	0.00013	
-159.10	194.45	0.00013	-162.63	190.92	0.00013	
-164.76	188.80	0.00014	-166.17	187.38	0.00014	
-167.58	185.97	0.00014	-169.00	184.55	0.00014	
-170.41	183.14	0.00014	-183.14	170.41	0.00014	
-184.55	169.00	0.00014	-185.97	167.58	0.00014	
-187.38	166.17	0.00014	-188.80	164.76	0.00014	
-190.92	162.63	0.00014	-194.45	159.10	0.00014	
-197.99	155.56	0.00015	-205.06	148.49	0.00015	
-212.13	141.42	0.00014	-219.20	134.35	0.00014	
-226.27	127.28	0.00014	-233.35	120.21	0.00014	
-240.42	113.14	0.00014	-247.49	106.07	0.00013	
-98.99	240.42	0.00007	-106.07	233.35	0.00008	
-113.14	226.27	0.00009	-120.21	219.20	0.00010	
-127.28	212.13	0.00011	-134.35	205.06	0.00012	
-141.42	197.99	0.00013	-148.49	190.92	0.00014	
-152.03	187.38	0.00014	-155.56	183.85	0.00014	
-157.68	181.73	0.00015	-159.10	180.31	0.00015	
-160.51	178.90	0.00015	-161.93	177.48	0.00015	
-163.34	176.07	0.00015	-176.07	163.34	0.00015	

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00015	-178.90	160.51	0.00015
-180.31	159.10	0.00015	-181.73	157.68	0.00015
-183.85	155.56	0.00016	-187.38	152.03	0.00016
-190.92	148.49	0.00016	-197.99	141.42	0.00016
-205.06	134.35	0.00016	-212.13	127.28	0.00015
-219.20	120.21	0.00015	-226.27	113.14	0.00015
-233.35	106.07	0.00015	-240.42	98.99	0.00014
-91.92	233.35	0.00008	-98.99	226.27	0.00009
-106.07	219.20	0.00010	-113.14	212.13	0.00011
-120.21	205.06	0.00012	-127.28	197.99	0.00013
-134.35	190.92	0.00014	-141.42	183.85	0.00015
-144.96	180.31	0.00015	-148.49	176.78	0.00016
-150.61	174.66	0.00016	-152.03	173.24	0.00016
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00017
-170.41	154.86	0.00017	-171.83	153.44	0.00017
-173.24	152.03	0.00017	-174.66	150.61	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00017	-180.31	144.96	0.00017
-183.85	141.42	0.00017	-190.92	134.35	0.00017
-197.99	127.28	0.00017	-205.06	120.21	0.00017
-212.13	113.14	0.00016	-219.20	106.07	0.00016
-226.27	99.00	0.00016	-233.35	91.92	0.00015
-84.85	226.27	0.00008	-91.92	219.20	0.00009
-98.99	212.13	0.00010	-106.07	205.06	0.00011
-113.14	197.99	0.00012	-120.21	190.92	0.00014
-127.28	183.85	0.00015	-134.35	176.78	0.00016
-137.89	173.24	0.00017	-141.42	169.71	0.00017
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00017
-149.20	161.93	0.00018	-161.93	149.20	0.00018
-163.34	147.79	0.00018	-164.76	146.37	0.00018
-166.17	144.96	0.00018	-167.58	143.54	0.00018
-169.71	141.42	0.00018	-173.24	137.89	0.00018
-176.78	134.35	0.00019	-183.85	127.28	0.00018

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	120.21	0.00018	-197.99	113.14	0.00018
-205.06	106.07	0.00018	-212.13	99.00	0.00017
-219.20	91.92	0.00017	-226.27	84.85	0.00016
-77.78	219.20	0.00008	-84.85	212.13	0.00009
-91.92	205.06	0.00010	-98.99	197.99	0.00012
-106.07	190.92	0.00013	-113.14	183.85	0.00015
-120.21	176.78	0.00016	-127.28	169.71	0.00017
-130.81	166.17	0.00018	-134.35	162.63	0.00018
-136.47	160.51	0.00019	-137.89	159.10	0.00019
-139.30	157.68	0.00019	-140.71	156.27	0.00019
-142.13	154.86	0.00019	-154.86	142.13	0.00020
-156.27	140.71	0.00020	-157.68	139.30	0.00020
-159.10	137.89	0.00020	-160.51	136.47	0.00020
-162.63	134.35	0.00020	-166.17	130.81	0.00020
-169.71	127.28	0.00020	-176.78	120.21	0.00020
-183.85	113.14	0.00020	-190.92	106.07	0.00019
-197.99	99.00	0.00019	-205.06	91.92	0.00019
-212.13	84.85	0.00018	-219.20	77.78	0.00017
-70.71	212.13	0.00008	-77.78	205.06	0.00010
-84.85	197.99	0.00011	-91.92	190.92	0.00012
-98.99	183.85	0.00014	-106.07	176.78	0.00016
-113.14	169.71	0.00017	-120.21	162.63	0.00019
-123.74	159.10	0.00020	-127.28	155.56	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00020	-130.81	152.03	0.00021
-132.23	150.61	0.00021	-133.64	149.20	0.00021
-135.06	147.79	0.00021	-147.79	135.06	0.00022
-149.20	133.64	0.00022	-150.61	132.23	0.00022
-152.03	130.81	0.00022	-153.44	129.40	0.00022
-155.56	127.28	0.00022	-159.10	123.74	0.00022
-162.63	120.21	0.00022	-169.71	113.14	0.00022
-176.78	106.07	0.00022	-183.85	98.99	0.00021
-190.92	91.92	0.00021	-197.99	84.85	0.00020
-205.06	77.78	0.00019	-212.13	70.71	0.00018
-63.64	205.06	0.00009	-70.71	197.99	0.00010

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00011	-84.85	183.85	0.00013
-91.92	176.78	0.00015	-98.99	169.71	0.00017
-106.07	162.63	0.00019	-113.14	155.56	0.00021
-116.67	152.03	0.00021	-120.21	148.49	0.00022
-122.33	146.37	0.00022	-123.74	144.96	0.00023
-125.16	143.54	0.00023	-126.57	142.13	0.00023
-127.99	140.71	0.00023	-140.71	127.99	0.00024
-142.13	126.57	0.00024	-143.54	125.16	0.00024
-144.96	123.74	0.00024	-146.37	122.33	0.00024
-148.49	120.21	0.00024	-152.03	116.67	0.00024
-155.56	113.14	0.00024	-162.63	106.07	0.00024
-169.71	98.99	0.00024	-176.78	91.92	0.00023
-183.85	84.85	0.00023	-190.92	77.78	0.00022
-197.99	70.71	0.00021	-205.06	63.64	0.00019
-56.57	197.99	0.00009	-63.64	190.92	0.00010
-70.71	183.85	0.00012	-77.78	176.78	0.00014
-84.85	169.71	0.00016	-91.92	162.63	0.00018
-98.99	155.56	0.00020	-106.07	148.49	0.00023
-109.60	144.96	0.00024	-113.14	141.42	0.00024
-115.26	139.30	0.00025	-116.67	137.89	0.00025
-118.09	136.47	0.00025	-119.50	135.06	0.00025
-120.92	133.64	0.00026	-133.64	120.92	0.00027
-135.06	119.50	0.00027	-136.47	118.09	0.00027
-137.89	116.67	0.00027	-139.30	115.26	0.00027
-141.42	113.14	0.00027	-144.96	109.60	0.00027
-148.49	106.07	0.00027	-155.56	98.99	0.00027
-162.63	91.92	0.00026	-169.71	84.85	0.00026
-176.78	77.78	0.00025	-183.85	70.71	0.00024
-190.92	63.64	0.00022	-197.99	56.57	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00011
-63.64	176.78	0.00012	-70.71	169.71	0.00014
-77.78	162.63	0.00017	-84.85	155.56	0.00019
-91.92	148.49	0.00022	-98.99	141.42	0.00025
-102.53	137.89	0.00026	-106.07	134.35	0.00027

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00027	-109.60	130.81	0.00028
-111.02	129.40	0.00028	-112.43	127.99	0.00028
-113.84	126.57	0.00028	-126.57	113.84	0.00030
-127.99	112.43	0.00030	-129.40	111.02	0.00030
-130.81	109.60	0.00030	-132.23	108.19	0.00030
-134.35	106.07	0.00030	-137.89	102.53	0.00030
-141.42	98.99	0.00030	-148.49	91.92	0.00030
-155.56	84.85	0.00029	-162.63	77.78	0.00028
-169.71	70.71	0.00027	-176.78	63.64	0.00025
-183.85	56.57	0.00024	-190.92	49.50	0.00022
-42.43	183.85	0.00009	-49.50	176.78	0.00011
-56.57	169.71	0.00013	-63.64	162.63	0.00015
-70.71	155.56	0.00018	-77.78	148.49	0.00021
-84.85	141.42	0.00024	-91.92	134.35	0.00027
-95.46	130.81	0.00029	-98.99	127.28	0.00030
-101.12	125.16	0.00031	-102.53	123.74	0.00031
-103.94	122.33	0.00031	-105.36	120.92	0.00032
-106.77	119.50	0.00032	-119.50	106.77	0.00034
-120.92	105.36	0.00034	-122.33	103.94	0.00034
-123.74	102.53	0.00034	-125.16	101.12	0.00034
-127.28	98.99	0.00034	-130.81	95.46	0.00034
-134.35	91.92	0.00034	-141.42	84.85	0.00033
-148.49	77.78	0.00032	-155.56	70.71	0.00031
-162.63	63.64	0.00029	-169.71	56.57	0.00027
-176.78	49.50	0.00025	-183.85	42.43	0.00023
-35.36	176.78	0.00010	-42.43	169.71	0.00011
-49.50	162.63	0.00013	-56.57	155.56	0.00016
-63.64	148.49	0.00019	-70.71	141.42	0.00022
-77.78	134.35	0.00026	-84.85	127.28	0.00030
-88.39	123.74	0.00032	-91.92	120.21	0.00034
-94.05	118.09	0.00034	-95.46	116.67	0.00035
-96.87	115.26	0.00035	-98.29	113.84	0.00036
-99.70	112.43	0.00036	-112.43	99.70	0.00038
-113.84	98.29	0.00038	-115.26	96.87	0.00038
-116.67	95.46	0.00038	-118.09	94.05	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:39:36  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00038	-123.74	88.39	0.00038
-127.28	84.85	0.00038	-134.35	77.78	0.00037
-141.42	70.71	0.00036	-148.49	63.64	0.00034
-155.56	56.57	0.00032	-162.63	49.50	0.00029
-169.71	42.43	0.00026	-176.78	35.36	0.00024
-28.28	169.71	0.00010	-35.36	162.63	0.00011
-42.43	155.56	0.00014	-49.50	148.49	0.00016
-56.57	141.42	0.00020	-63.64	134.35	0.00024
-70.71	127.28	0.00028	-77.78	120.21	0.00033
-81.32	116.67	0.00035	-84.85	113.14	0.00038
-86.97	111.02	0.00039	-88.39	109.60	0.00039
-89.80	108.19	0.00040	-91.22	106.77	0.00041
-92.63	105.36	0.00041	-105.36	92.63	0.00043
-106.77	91.22	0.00044	-108.19	89.80	0.00044
-109.60	88.39	0.00044	-111.02	86.97	0.00044
-113.14	84.85	0.00044	-116.67	81.32	0.00043
-120.21	77.78	0.00043	-127.28	70.71	0.00042
-134.35	63.64	0.00040	-141.42	56.57	0.00038
-148.49	49.50	0.00035	-155.56	42.43	0.00031
-162.63	35.36	0.00028	-169.71	28.28	0.00025
-21.21	162.63	0.00010	-28.28	155.56	0.00012
-35.36	148.49	0.00014	-42.43	141.42	0.00017
-49.50	134.35	0.00020	-56.57	127.28	0.00025
-63.64	120.21	0.00031	-70.71	113.14	0.00037
-74.25	109.60	0.00040	-77.78	106.07	0.00043
-79.90	103.94	0.00044	-81.32	102.53	0.00045
-82.73	101.12	0.00046	-84.15	99.70	0.00046
-85.56	98.29	0.00047	-98.29	85.56	0.00050
-99.70	84.15	0.00050	-101.12	82.73	0.00050
-102.53	81.32	0.00050	-103.94	79.90	0.00050
-106.07	77.78	0.00050	-109.60	74.25	0.00050
-113.14	70.71	0.00049	-120.21	63.64	0.00047
-127.28	56.57	0.00045	-134.35	49.50	0.00041
-141.42	42.43	0.00037	-148.49	35.36	0.00033
-155.56	28.28	0.00029	-162.63	21.21	0.00026
-14.14	155.56	0.00010	-21.21	148.49	0.00012
-28.28	141.42	0.00014	-35.36	134.35	0.00017
-42.43	127.28	0.00021	-49.50	120.21	0.00027
-56.57	113.14	0.00033	-63.64	106.07	0.00040
-67.18	102.53	0.00044	-70.71	98.99	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00050	-74.25	95.46	0.00052
-75.66	94.05	0.00053	-77.07	92.63	0.00054
-78.49	91.22	0.00055	-91.22	78.49	0.00058
-92.63	77.07	0.00059	-94.05	75.66	0.00059
-95.46	74.25	0.00059	-96.87	72.83	0.00058
-98.99	70.71	0.00058	-102.53	67.18	0.00057
-106.07	63.64	0.00057	-113.14	56.57	0.00054
-120.21	49.50	0.00050	-127.28	42.43	0.00045
-134.35	35.36	0.00040	-141.42	28.28	0.00035
-148.49	21.21	0.00030	-155.56	14.14	0.00026
-7.07	148.49	0.00010	-14.14	141.42	0.00012
-21.21	134.35	0.00015	-28.28	127.28	0.00018
-35.36	120.21	0.00022	-42.43	113.14	0.00028
-49.50	106.07	0.00036	-56.57	98.99	0.00045
-60.10	95.46	0.00050	-63.64	91.92	0.00055
-65.76	89.80	0.00058	-67.18	88.39	0.00060
-68.59	86.97	0.00061	-70.00	85.56	0.00063
-71.42	84.15	0.00064	-84.15	71.42	0.00069
-85.56	70.00	0.00069	-86.97	68.59	0.00069
-88.39	67.18	0.00069	-89.80	65.76	0.00069
-91.92	63.64	0.00068	-95.46	60.10	0.00067
-98.99	56.57	0.00066	-106.07	49.50	0.00062
-113.14	42.43	0.00056	-120.21	35.36	0.00049
-127.28	28.28	0.00042	-134.35	21.21	0.00037
-141.42	14.14	0.00031	-148.49	7.07	0.00027
0.00	141.42	0.00011	-7.07	134.35	0.00012
-14.14	127.28	0.00015	-21.21	120.21	0.00018
-28.28	113.14	0.00023	-35.36	106.07	0.00029
-42.43	98.99	0.00038	-49.50	91.92	0.00049
-53.03	88.39	0.00056	-56.57	84.85	0.00063
-58.69	82.73	0.00067	-60.10	81.32	0.00069
-61.52	79.90	0.00072	-62.93	78.49	0.00074
-64.35	77.07	0.00076	-77.07	64.35	0.00082
-78.49	62.93	0.00082	-79.90	61.52	0.00082
-81.32	60.10	0.00082	-82.73	58.69	0.00081
-84.85	56.57	0.00081	-88.39	53.03	0.00079
-91.92	49.50	0.00077	-98.99	42.43	0.00070



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	35.36	0.00061	-113.14	28.28	0.00053
-120.21	21.21	0.00045	-127.28	14.14	0.00038
-134.35	7.07	0.00032	-141.42	0.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00011	0.00	127.28	0.00013
-7.07	120.21	0.00015	-14.14	113.14	0.00019
-21.21	106.07	0.00024	-28.28	98.99	0.00031
-35.36	91.92	0.00040	-42.43	84.85	0.00054
-45.96	81.32	0.00062	-49.50	77.78	0.00072
-51.62	75.66	0.00077	-53.03	74.25	0.00081
-54.45	72.83	0.00084	-55.86	71.42	0.00088
-57.28	70.00	0.00090	-70.00	57.28	0.00100
-71.42	55.86	0.00099	-72.83	54.45	0.00099
-74.25	53.03	0.00098	-75.66	51.62	0.00098
-77.78	49.50	0.00096	-81.32	45.96	0.00093
-84.85	42.43	0.00089	-91.92	35.36	0.00078
-98.99	28.28	0.00066	-106.07	21.21	0.00056
-113.14	14.14	0.00047	-120.21	7.07	0.00039
-127.28	0.00	0.00034	-134.35	-7.07	0.00029
14.14	127.28	0.00011	7.07	120.21	0.00013
0.00	113.14	0.00016	-7.07	106.07	0.00019
-14.14	98.99	0.00024	-21.21	91.92	0.00032
-28.28	84.85	0.00042	-35.36	77.78	0.00058
-38.89	74.25	0.00069	-42.43	70.71	0.00081
-44.55	68.59	0.00089	-45.96	67.18	0.00094
-47.38	65.76	0.00100	-48.79	64.35	0.00105
-50.20	62.93	0.00109	-62.93	50.20	0.00123
-64.35	48.79	0.00122	-65.76	47.38	0.00121
-67.18	45.96	0.00119	-68.59	44.55	0.00118
-70.71	42.43	0.00115	-74.25	38.89	0.00109
-77.78	35.36	0.00101	-84.85	28.28	0.00085
-91.92	21.21	0.00071	-98.99	14.14	0.00058
-106.07	7.07	0.00049	-113.14	0.00	0.00041
-120.21	-7.07	0.00035	-127.28	-14.14	0.00031
21.21	120.21	0.00012	14.14	113.14	0.00014

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00017	0.00	98.99	0.00020
-7.07	91.92	0.00025	-14.14	84.85	0.00033
-21.21	77.78	0.00044	-28.28	70.71	0.00062
-31.82	67.18	0.00074	-35.36	63.64	0.00090
-37.48	61.52	0.00101	-38.89	60.10	0.00109
-40.31	58.69	0.00117	-41.72	57.28	0.00125
-43.13	55.86	0.00132	-55.86	43.13	0.00152
-57.28	41.72	0.00150	-58.69	40.31	0.00148
-60.10	38.89	0.00145	-61.52	37.48	0.00142

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00136	-67.18	31.82	0.00124
-70.71	28.28	0.00113	-77.78	21.21	0.00092
-84.85	14.14	0.00075	-91.92	7.07	0.00061
-98.99	0.00	0.00051	-106.07	-7.07	0.00043
-113.14	-14.14	0.00037	-120.21	-21.21	0.00032
28.28	113.14	0.00013	21.21	106.07	0.00015
14.14	98.99	0.00018	7.07	91.92	0.00021
0.00	84.85	0.00027	-7.07	77.78	0.00035
-14.14	70.71	0.00046	-21.21	63.64	0.00065
-24.75	60.10	0.00079	-28.28	56.57	0.00098
-30.41	54.45	0.00111	-31.82	53.03	0.00122
-33.23	51.62	0.00133	-34.65	50.20	0.00146
-36.06	48.79	0.00158	-48.79	36.06	0.00190
-50.20	34.65	0.00184	-51.62	33.23	0.00178
-53.03	31.82	0.00171	-54.45	30.41	0.00164
-56.57	28.28	0.00153	-60.10	24.75	0.00136
-63.64	21.21	0.00122	-70.71	14.14	0.00098
-77.78	7.07	0.00079	-84.85	0.00	0.00065
-91.92	-7.07	0.00054	-98.99	-14.14	0.00045
-106.07	-21.21	0.00039	-113.14	-28.28	0.00033
35.36	106.07	0.00013	28.28	98.99	0.00016
21.21	91.92	0.00019	14.14	84.85	0.00023
7.07	77.78	0.00028	0.00	70.71	0.00037
-7.07	63.64	0.00050	-14.14	56.57	0.00070
-17.68	53.03	0.00085	-21.21	49.50	0.00105

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00121	-24.75	45.96	0.00133
-26.16	44.55	0.00147	-27.58	43.13	0.00163
-28.99	41.72	0.00181	-41.72	28.99	0.00226
-43.13	27.58	0.00213	-44.55	26.16	0.00200
-45.96	24.75	0.00189	-47.38	23.33	0.00180
-49.50	21.21	0.00166	-53.03	17.68	0.00147
-56.57	14.14	0.00131	-63.64	7.07	0.00104
-70.71	0.00	0.00083	-77.78	-7.07	0.00068
-84.85	-14.14	0.00056	-91.92	-21.21	0.00047
-98.99	-28.28	0.00040	-106.07	-35.36	0.00035
42.43	98.99	0.00014	35.36	91.92	0.00017
28.28	84.85	0.00020	21.21	77.78	0.00024
14.14	70.71	0.00031	7.07	63.64	0.00040
0.00	56.57	0.00054	-7.07	49.50	0.00077
-10.61	45.96	0.00094	-14.14	42.43	0.00118

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00137	-17.68	38.89	0.00151
-19.09	37.48	0.00169	-20.51	36.06	0.00191
-21.92	34.65	0.00220	-34.65	21.92	0.00258
-36.06	20.51	0.00237	-37.48	19.09	0.00220
-38.89	17.68	0.00206	-40.31	16.26	0.00194
-42.43	14.14	0.00178	-45.96	10.61	0.00156
-49.50	7.07	0.00137	-56.57	0.00	0.00108
-63.64	-7.07	0.00086	-70.71	-14.14	0.00070
-77.78	-21.21	0.00058	-84.85	-28.28	0.00048
-91.92	-35.36	0.00041	-98.99	-42.43	0.00036
49.50	91.92	0.00015	42.43	84.85	0.00018
35.36	77.78	0.00021	28.28	70.71	0.00026
21.21	63.64	0.00033	14.14	56.57	0.00044
7.07	49.50	0.00061	0.00	42.43	0.00092
-3.54	38.89	0.00118	-7.07	35.36	0.00156
-9.19	33.23	0.00190	-10.61	31.82	0.00219
-12.02	30.41	0.00256	-13.44	28.99	0.00304
-14.85	27.58	0.00368	-27.58	14.85	0.00327
-28.99	13.44	0.00286	-30.41	12.02	0.00256

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00233	-33.23	9.19	0.00215
-35.36	7.07	0.00193	-38.89	3.54	0.00166
-42.43	0.00	0.00145	-49.50	-7.07	0.00112
-56.57	-14.14	0.00088	-63.64	-21.21	0.00072
-70.71	-28.28	0.00059	-77.78	-35.36	0.00050
-84.85	-42.43	0.00042	-91.92	-49.50	0.00036
56.57	84.85	0.00016	49.50	77.78	0.00019
42.43	70.71	0.00024	35.36	63.64	0.00030
28.28	56.57	0.00039	21.21	49.50	0.00052
14.14	42.43	0.00076	7.07	35.36	0.00122
3.54	31.82	0.00162	0.00	28.28	0.00224
-2.12	26.16	0.00278	-3.54	24.75	0.00323
-4.95	23.33	0.00379	-6.36	21.92	0.00446
-7.78	20.51	0.00531	-20.51	7.78	0.00417
-21.92	6.36	0.00357	-23.33	4.95	0.00314
-24.75	3.54	0.00281	-26.16	2.12	0.00254
-28.28	0.00	0.00222	-31.82	-3.54	0.00183
-35.36	-7.07	0.00154	-42.43	-14.14	0.00116
-49.50	-21.21	0.00092	-56.57	-28.28	0.00074
-63.64	-35.36	0.00061	-70.71	-42.43	0.00051
-77.78	-49.50	0.00043	-84.85	-56.57	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00018	56.57	70.71	0.00022
49.50	63.64	0.00027	42.43	56.57	0.00035
35.36	49.50	0.00046	28.28	42.43	0.00065
21.21	35.36	0.00098	14.14	28.28	0.00162
10.61	24.75	0.00218	7.07	21.21	0.00300
4.95	19.09	0.00369	3.54	17.68	0.00424
2.12	16.26	0.00491	0.71	14.85	0.00569
-0.71	13.44	0.00663	-13.44	0.71	0.00502
-14.85	-0.71	0.00431	-16.26	-2.12	0.00376
-17.68	-3.54	0.00333	-19.09	-4.95	0.00298
-21.21	-7.07	0.00257	-24.75	-10.61	0.00206
-28.28	-14.14	0.00170	-35.36	-21.21	0.00123
-42.43	-28.28	0.00095	-49.50	-35.36	0.00076

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00063	-63.64	-49.50	0.00053
-70.71	-56.57	0.00045	-77.78	-63.64	0.00038
70.71	70.71	0.00020	63.64	63.64	0.00025
56.57	56.57	0.00032	49.50	49.50	0.00042
42.43	42.43	0.00057	35.36	35.36	0.00081
28.28	28.28	0.00125	21.21	21.21	0.00206
17.68	17.68	0.00273	14.14	14.14	0.00370
12.02	12.02	0.00447	10.61	10.61	0.00509
9.19	9.19	0.00581	7.78	7.78	0.00663
6.36	6.36	0.00762	-6.36	-6.36	0.00573
-7.78	-7.78	0.00493	-9.19	-9.19	0.00431
-10.61	-10.61	0.00380	-12.02	-12.02	0.00339
-14.14	-14.14	0.00289	-17.68	-17.68	0.00229
-21.21	-21.21	0.00187	-28.28	-28.28	0.00133
-35.36	-35.36	0.00100	-42.43	-42.43	0.00080
-49.50	-49.50	0.00065	-56.57	-56.57	0.00055
-63.64	-63.64	0.00046	-70.71	-70.71	0.00039
77.78	63.64	0.00023	70.71	56.57	0.00029
63.64	49.50	0.00038	56.57	42.43	0.00050
49.50	35.36	0.00069	42.43	28.28	0.00100
35.36	21.21	0.00153	28.28	14.14	0.00249
24.75	10.61	0.00325	21.21	7.07	0.00429
19.09	4.95	0.00511	17.68	3.54	0.00575
16.26	2.12	0.00649	14.85	0.71	0.00733
13.44	-0.71	0.00832	0.71	-13.44	0.00624
-0.71	-14.85	0.00539	-2.12	-16.26	0.00473
-3.54	-17.68	0.00417	-4.95	-19.09	0.00372

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00316	-10.61	-24.75	0.00249
-14.14	-28.28	0.00203	-21.21	-35.36	0.00144
-28.28	-42.43	0.00108	-35.36	-49.50	0.00084
-42.43	-56.57	0.00068	-49.50	-63.64	0.00056
-56.57	-70.71	0.00047	-63.64	-77.78	0.00040
84.85	56.57	0.00027	77.78	49.50	0.00034
70.71	42.43	0.00044	63.64	35.36	0.00059

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00082	49.50	21.21	0.00120
42.43	14.14	0.00181	35.36	7.07	0.00288
31.82	3.54	0.00369	28.28	0.00	0.00478
26.16	-2.12	0.00561	24.75	-3.54	0.00625
23.33	-4.95	0.00698	21.92	-6.36	0.00781
20.51	-7.78	0.00878	7.78	-20.51	0.00655
6.36	-21.92	0.00567	4.95	-23.33	0.00499
3.54	-24.75	0.00442	2.12	-26.16	0.00395
0.00	-28.28	0.00337	-3.54	-31.82	0.00267
-7.07	-35.36	0.00219	-14.14	-42.43	0.00156
-21.21	-49.50	0.00116	-28.28	-56.57	0.00089
-35.36	-63.64	0.00070	-42.43	-70.71	0.00057
-49.50	-77.78	0.00047	-56.57	-84.85	0.00040
91.92	49.50	0.00030	84.85	42.43	0.00039
77.78	35.36	0.00051	70.71	28.28	0.00069
63.64	21.21	0.00096	56.57	14.14	0.00139
49.50	7.07	0.00208	42.43	0.00	0.00322
38.89	-3.54	0.00407	35.36	-7.07	0.00518
33.23	-9.19	0.00601	31.82	-10.61	0.00664
30.41	-12.02	0.00734	28.99	-13.44	0.00815
27.58	-14.85	0.00908	14.85	-27.58	0.00666
13.44	-28.99	0.00580	12.02	-30.41	0.00513
10.61	-31.82	0.00458	9.19	-33.23	0.00412
7.07	-35.36	0.00355	3.54	-38.89	0.00285
0.00	-42.43	0.00234	-7.07	-49.50	0.00166
-14.14	-56.57	0.00123	-21.21	-63.64	0.00094
-28.28	-70.71	0.00073	-35.36	-77.78	0.00058
-42.43	-84.85	0.00048	-49.50	-91.92	0.00040
98.99	42.43	0.00034	91.92	35.36	0.00044
84.85	28.28	0.00058	77.78	21.21	0.00079
70.71	14.14	0.00109	63.64	7.07	0.00156
56.57	0.00	0.00230	49.50	-7.07	0.00350
45.96	-10.61	0.00437	42.43	-14.14	0.00549

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00631	38.89	-17.68	0.00694

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00763	36.06	-20.51	0.00841
34.65	-21.92	0.00929	21.92	-34.65	0.00669
20.51	-36.06	0.00589	19.09	-37.48	0.00525
17.68	-38.89	0.00473	16.26	-40.31	0.00428
14.14	-42.43	0.00372	10.61	-45.96	0.00299
7.07	-49.50	0.00246	0.00	-56.57	0.00174
-7.07	-63.64	0.00129	-14.14	-70.71	0.00098
-21.21	-77.78	0.00076	-28.28	-84.85	0.00061
-35.36	-91.92	0.00049	-42.43	-98.99	0.00041
106.07	35.36	0.00039	98.99	28.28	0.00050
91.92	21.21	0.00066	84.85	14.14	0.00089
77.78	7.07	0.00122	70.71	0.00	0.00172
63.64	-7.07	0.00249	56.57	-14.14	0.00371
53.03	-17.68	0.00458	49.50	-21.21	0.00568
47.38	-23.33	0.00648	45.96	-24.75	0.00708
44.55	-26.16	0.00774	43.13	-27.58	0.00847
41.72	-28.99	0.00924	28.99	-41.72	0.00666
27.58	-43.13	0.00594	26.16	-44.55	0.00533
24.75	-45.96	0.00483	23.33	-47.38	0.00439
21.21	-49.50	0.00384	17.68	-53.03	0.00312
14.14	-56.57	0.00257	7.07	-63.64	0.00182
0.00	-70.71	0.00135	-7.07	-77.78	0.00103
-14.14	-84.85	0.00080	-21.21	-91.92	0.00063
-28.28	-98.99	0.00051	-35.36	-106.07	0.00042
113.14	28.28	0.00044	106.07	21.21	0.00056
98.99	14.14	0.00073	91.92	7.07	0.00098
84.85	0.00	0.00133	77.78	-7.07	0.00184
70.71	-14.14	0.00262	63.64	-21.21	0.00379
60.10	-24.75	0.00459	56.57	-28.28	0.00555
54.45	-30.41	0.00620	53.03	-31.82	0.00666
51.62	-33.23	0.00713	50.20	-34.65	0.00759
48.79	-36.06	0.00800	36.06	-48.79	0.00616
34.65	-50.20	0.00565	33.23	-51.62	0.00518
31.82	-53.03	0.00476	30.41	-54.45	0.00438
28.28	-56.57	0.00386	24.75	-60.10	0.00317
21.21	-63.64	0.00263	14.14	-70.71	0.00187
7.07	-77.78	0.00139	0.00	-84.85	0.00106
-7.07	-91.92	0.00083	-14.14	-98.99	0.00066
-21.21	-106.07	0.00054	-28.28	-113.14	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00048	113.14	14.14	0.00061	
106.07	7.07	0.00080	98.99	0.00	0.00105	
91.92	-7.07	0.00141	84.85	-14.14	0.00192	
77.78	-21.21	0.00265	70.71	-28.28	0.00368	
67.18	-31.82	0.00433	63.64	-35.36	0.00506	
61.52	-37.48	0.00551	60.10	-38.89	0.00581	
58.69	-40.31	0.00609	57.28	-41.72	0.00634	
55.86	-43.13	0.00655	43.13	-55.86	0.00541	
41.72	-57.28	0.00507	40.31	-58.69	0.00474	
38.89	-60.10	0.00442	37.48	-61.52	0.00411	
35.36	-63.64	0.00370	31.82	-67.18	0.00311	
28.28	-70.71	0.00262	21.21	-77.78	0.00190	
14.14	-84.85	0.00141	7.07	-91.92	0.00109	
0.00	-98.99	0.00086	-7.07	-106.07	0.00068	
-14.14	-113.14	0.00055	-21.21	-120.21	0.00046	
127.28	14.14	0.00052	120.21	7.07	0.00066	
113.14	0.00	0.00085	106.07	-7.07	0.00110	
98.99	-14.14	0.00145	91.92	-21.21	0.00193	
84.85	-28.28	0.00258	77.78	-35.36	0.00344	
74.25	-38.89	0.00393	70.71	-42.43	0.00444	
68.59	-44.55	0.00474	67.18	-45.96	0.00492	
65.76	-47.38	0.00508	64.35	-48.79	0.00522	
62.93	-50.20	0.00534	50.20	-62.93	0.00462	
48.79	-64.35	0.00441	47.38	-65.76	0.00419	
45.96	-67.18	0.00396	44.55	-68.59	0.00374	
42.43	-70.71	0.00341	38.89	-74.25	0.00293	
35.36	-77.78	0.00252	28.28	-84.85	0.00188	
21.21	-91.92	0.00142	14.14	-98.99	0.00110	
7.07	-106.07	0.00087	0.00	-113.14	0.00070	
-7.07	-120.21	0.00057	-14.14	-127.28	0.00047	
134.35	7.07	0.00055	127.28	0.00	0.00069	
120.21	-7.07	0.00088	113.14	-14.14	0.00113	
106.07	-21.21	0.00146	98.99	-28.28	0.00189	
91.92	-35.36	0.00245	84.85	-42.43	0.00312	
81.32	-45.96	0.00349	77.78	-49.50	0.00384	
75.66	-51.62	0.00403	74.25	-53.03	0.00414	
72.83	-54.45	0.00424	71.42	-55.86	0.00433	
70.00	-57.28	0.00439	57.28	-70.00	0.00392	
55.86	-71.42	0.00378	54.45	-72.83	0.00364	



53.03 -74.25 0.00349 51.62 -75.66 0.00333

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00309	45.96	-81.32	0.00270
42.43	-84.85	0.00236	35.36	-91.92	0.00181
28.28	-98.99	0.00141	21.21	-106.07	0.00110
14.14	-113.14	0.00088	7.07	-120.21	0.00071
0.00	-127.28	0.00058	-7.07	-134.35	0.00048
141.42	0.00	0.00058	134.35	-7.07	0.00072
127.28	-14.14	0.00090	120.21	-21.21	0.00113
113.14	-28.28	0.00144	106.07	-35.36	0.00181
98.99	-42.43	0.00227	91.92	-49.50	0.00280
88.39	-53.03	0.00306	84.85	-56.57	0.00330
82.73	-58.69	0.00343	81.32	-60.10	0.00351
79.90	-61.52	0.00357	78.49	-62.93	0.00362
77.07	-64.35	0.00365	64.35	-77.07	0.00333
62.93	-78.49	0.00324	61.52	-79.90	0.00314
60.10	-81.32	0.00304	58.69	-82.73	0.00293
56.57	-84.85	0.00275	53.03	-88.39	0.00246
49.50	-91.92	0.00218	42.43	-98.99	0.00171
35.36	-106.07	0.00136	28.28	-113.14	0.00109
21.21	-120.21	0.00088	14.14	-127.28	0.00071
7.07	-134.35	0.00059	0.00	-141.42	0.00049
148.49	-7.07	0.00060	141.42	-14.14	0.00073
134.35	-21.21	0.00091	127.28	-28.28	0.00112
120.21	-35.36	0.00139	113.14	-42.43	0.00171
106.07	-49.50	0.00209	98.99	-56.57	0.00249
95.46	-60.10	0.00268	91.92	-63.64	0.00285
89.80	-65.76	0.00294	88.39	-67.18	0.00299
86.97	-68.59	0.00303	85.56	-70.00	0.00306
84.15	-71.42	0.00308	71.42	-84.15	0.00284
70.00	-85.56	0.00278	68.59	-86.97	0.00271
67.18	-88.39	0.00264	65.76	-89.80	0.00257
63.64	-91.92	0.00244	60.10	-95.46	0.00222
56.57	-98.99	0.00200	49.50	-106.07	0.00160
42.43	-113.14	0.00129	35.36	-120.21	0.00105

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00086	21.21	-134.35	0.00071
14.14	-141.42	0.00059	7.07	-148.49	0.00050
155.56	-14.14	0.00061	148.49	-21.21	0.00074
141.42	-28.28	0.00090	134.35	-35.36	0.00109
127.28	-42.43	0.00133	120.21	-49.50	0.00160
113.14	-56.57	0.00191	106.07	-63.64	0.00221
102.53	-67.18	0.00235	98.99	-70.71	0.00247

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00253	95.46	-74.25	0.00257
94.05	-75.66	0.00259	92.63	-77.07	0.00261
91.22	-78.49	0.00263	78.49	-91.22	0.00245
77.07	-92.63	0.00240	75.66	-94.05	0.00236
74.25	-95.46	0.00231	72.83	-96.87	0.00225
70.71	-98.99	0.00216	67.18	-102.53	0.00200
63.64	-106.07	0.00183	56.57	-113.14	0.00150
49.50	-120.21	0.00122	42.43	-127.28	0.00101
35.36	-134.35	0.00084	28.28	-141.42	0.00070
21.21	-148.49	0.00059	14.14	-155.56	0.00050
162.63	-21.21	0.00061	155.56	-28.28	0.00073
148.49	-35.36	0.00088	141.42	-42.43	0.00106
134.35	-49.50	0.00126	127.28	-56.57	0.00149
120.21	-63.64	0.00173	113.14	-70.71	0.00197
109.60	-74.25	0.00207	106.07	-77.78	0.00216
103.94	-79.90	0.00220	102.53	-81.32	0.00223
101.12	-82.73	0.00224	99.70	-84.15	0.00226
98.29	-85.56	0.00226	85.56	-98.29	0.00213
84.15	-99.70	0.00209	82.73	-101.12	0.00206
81.32	-102.53	0.00202	79.90	-103.94	0.00198
77.78	-106.07	0.00191	74.25	-109.60	0.00179
70.71	-113.14	0.00166	63.64	-120.21	0.00139
56.57	-127.28	0.00115	49.50	-134.35	0.00096
42.43	-141.42	0.00081	35.36	-148.49	0.00068
28.28	-155.56	0.00058	21.21	-162.63	0.00050
169.71	-28.28	0.00061	162.63	-35.36	0.00072
155.56	-42.43	0.00086	148.49	-49.50	0.00101

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00119	134.35	-63.64	0.00138
127.28	-70.71	0.00157	120.21	-77.78	0.00176
116.67	-81.32	0.00184	113.14	-84.85	0.00190
111.02	-86.97	0.00193	109.60	-88.39	0.00195
108.19	-89.80	0.00196	106.77	-91.22	0.00197
105.36	-92.63	0.00197	92.63	-105.36	0.00186
91.22	-106.77	0.00184	89.80	-108.19	0.00181
88.39	-109.60	0.00178	86.97	-111.02	0.00175
84.85	-113.14	0.00170	81.32	-116.67	0.00161
77.78	-120.21	0.00151	70.71	-127.28	0.00129
63.64	-134.35	0.00108	56.57	-141.42	0.00091
49.50	-148.49	0.00077	42.43	-155.56	0.00066
35.36	-162.63	0.00057	28.28	-169.71	0.00049

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00060	169.71	-42.43	0.00071
162.63	-49.50	0.00083	155.56	-56.57	0.00096
148.49	-63.64	0.00111	141.42	-70.71	0.00127
134.35	-77.78	0.00143	127.28	-84.85	0.00157
123.74	-88.39	0.00163	120.21	-91.92	0.00168
118.09	-94.05	0.00170	116.67	-95.46	0.00171
115.26	-96.87	0.00172	113.84	-98.29	0.00173
112.43	-99.70	0.00173	99.70	-112.43	0.00164
98.29	-113.84	0.00163	96.87	-115.26	0.00160
95.46	-116.67	0.00158	94.05	-118.09	0.00156
91.92	-120.21	0.00152	88.39	-123.74	0.00145
84.85	-127.28	0.00137	77.78	-134.35	0.00119
70.71	-141.42	0.00102	63.64	-148.49	0.00086
56.57	-155.56	0.00074	49.50	-162.63	0.00063
42.43	-169.71	0.00055	35.36	-176.78	0.00048
183.85	-42.43	0.00059	176.78	-49.50	0.00069
169.71	-56.57	0.00079	162.63	-63.64	0.00091
155.56	-70.71	0.00104	148.49	-77.78	0.00117
141.42	-84.85	0.00130	134.35	-91.92	0.00142
130.81	-95.46	0.00146	127.28	-98.99	0.00150
125.16	-101.12	0.00151	123.74	-102.53	0.00152

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00153	120.92	-105.36	0.00153
119.50	-106.77	0.00153	106.77	-119.50	0.00146
105.36	-120.92	0.00145	103.94	-122.33	0.00143
102.53	-123.74	0.00141	101.12	-125.16	0.00139
98.99	-127.28	0.00136	95.46	-130.81	0.00131
91.92	-134.35	0.00125	84.85	-141.42	0.00110
77.78	-148.49	0.00096	70.71	-155.56	0.00082
63.64	-162.63	0.00070	56.57	-169.71	0.00061
49.50	-176.78	0.00053	42.43	-183.85	0.00047
190.92	-49.50	0.00058	183.85	-56.57	0.00066
176.78	-63.64	0.00076	169.71	-70.71	0.00086
162.63	-77.78	0.00097	155.56	-84.85	0.00108
148.49	-91.92	0.00119	141.42	-98.99	0.00128
137.89	-102.53	0.00131	134.35	-106.07	0.00134
132.23	-108.19	0.00135	130.81	-109.60	0.00136
129.40	-111.02	0.00136	127.99	-112.43	0.00137
126.57	-113.84	0.00137	113.84	-126.57	0.00131
112.43	-127.99	0.00130	111.02	-129.40	0.00128
109.60	-130.81	0.00127	108.19	-132.23	0.00125

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00123	102.53	-137.89	0.00119
98.99	-141.42	0.00114	91.92	-148.49	0.00102
84.85	-155.56	0.00090	77.78	-162.63	0.00078
70.71	-169.71	0.00067	63.64	-176.78	0.00058
56.57	-183.85	0.00051	49.50	-190.92	0.00045
197.99	-56.57	0.00056	190.92	-63.64	0.00064
183.85	-70.71	0.00072	176.78	-77.78	0.00081
169.71	-84.85	0.00091	162.63	-91.92	0.00100
155.56	-98.99	0.00109	148.49	-106.07	0.00116
144.96	-109.60	0.00119	141.42	-113.14	0.00121
139.30	-115.26	0.00122	137.89	-116.67	0.00122
136.47	-118.09	0.00122	135.06	-119.50	0.00123
133.64	-120.92	0.00123	120.92	-133.64	0.00118
119.50	-135.06	0.00117	118.09	-136.47	0.00116
116.67	-137.89	0.00115	115.26	-139.30	0.00113

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00111	109.60	-144.96	0.00108
106.07	-148.49	0.00104	98.99	-155.56	0.00094
91.92	-162.63	0.00084	84.85	-169.71	0.00074
77.78	-176.78	0.00064	70.71	-183.85	0.00056
63.64	-190.92	0.00049	56.57	-197.99	0.00044
205.06	-63.64	0.00055	197.99	-70.71	0.00062
190.92	-77.78	0.00069	183.85	-84.85	0.00077
176.78	-91.92	0.00085	169.71	-98.99	0.00093
162.63	-106.07	0.00100	155.56	-113.14	0.00106
152.03	-116.67	0.00108	148.49	-120.21	0.00109
146.37	-122.33	0.00110	144.96	-123.74	0.00110
143.54	-125.16	0.00111	142.13	-126.57	0.00111
140.71	-127.99	0.00111	127.99	-140.71	0.00107
126.57	-142.13	0.00106	125.16	-143.54	0.00105
123.74	-144.96	0.00104	122.33	-146.37	0.00103
120.21	-148.49	0.00101	116.67	-152.03	0.00098
113.14	-155.56	0.00095	106.07	-162.63	0.00087
98.99	-169.71	0.00079	91.92	-176.78	0.00070
84.85	-183.85	0.00061	77.78	-190.92	0.00054
70.71	-197.99	0.00047	63.64	-205.06	0.00042
212.13	-70.71	0.00053	205.06	-77.78	0.00059
197.99	-84.85	0.00065	190.92	-91.92	0.00072
183.85	-98.99	0.00079	176.78	-106.07	0.00086
169.71	-113.14	0.00092	162.63	-120.21	0.00096
159.10	-123.74	0.00098	155.56	-127.28	0.00100

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S) :      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00100	152.03	-130.81	0.00100
150.61	-132.23	0.00100	149.20	-133.64	0.00100
147.79	-135.06	0.00100	135.06	-147.79	0.00097
133.64	-149.20	0.00096	132.23	-150.61	0.00095
130.81	-152.03	0.00095	129.40	-153.44	0.00094
127.28	-155.56	0.00093	123.74	-159.10	0.00090
120.21	-162.63	0.00087	113.14	-169.71	0.00081
106.07	-176.78	0.00074	98.99	-183.85	0.00066
91.92	-190.92	0.00059	84.85	-197.99	0.00052

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00046	70.71	-212.13	0.00041
219.20	-77.78	0.00051	212.13	-84.85	0.00056
205.06	-91.92	0.00062	197.99	-98.99	0.00068
190.92	-106.07	0.00074	183.85	-113.14	0.00080
176.78	-120.21	0.00085	169.71	-127.28	0.00088
166.17	-130.81	0.00090	162.63	-134.35	0.00091
160.51	-136.47	0.00091	159.10	-137.89	0.00091
157.68	-139.30	0.00092	156.27	-140.71	0.00092
154.86	-142.13	0.00092	142.13	-154.86	0.00088
140.71	-156.27	0.00088	139.30	-157.68	0.00087
137.89	-159.10	0.00087	136.47	-160.51	0.00086
134.35	-162.63	0.00085	130.81	-166.17	0.00083
127.28	-169.71	0.00081	120.21	-176.78	0.00075
113.14	-183.85	0.00069	106.07	-190.92	0.00062
98.99	-197.99	0.00056	91.92	-205.06	0.00050
84.85	-212.13	0.00044	77.78	-219.20	0.00039
226.27	-84.85	0.00049	219.20	-91.92	0.00054
212.13	-98.99	0.00059	205.06	-106.07	0.00064
197.99	-113.14	0.00069	190.92	-120.21	0.00074
183.85	-127.28	0.00078	176.78	-134.35	0.00081
173.24	-137.89	0.00083	169.71	-141.42	0.00083
167.58	-143.54	0.00084	166.17	-144.96	0.00084
164.76	-146.37	0.00084	163.34	-147.79	0.00084
161.93	-149.20	0.00084	149.20	-161.93	0.00081
147.79	-163.34	0.00081	146.37	-164.76	0.00080
144.96	-166.17	0.00080	143.54	-167.58	0.00079
141.42	-169.71	0.00078	137.89	-173.24	0.00076
134.35	-176.78	0.00074	127.28	-183.85	0.00070
120.21	-190.92	0.00065	113.14	-197.99	0.00059
106.07	-205.06	0.00053	98.99	-212.13	0.00048
91.92	-219.20	0.00043	84.85	-226.27	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00047	226.27	-98.99	0.00051
219.20	-106.07	0.00056	212.13	-113.14	0.00060
205.06	-120.21	0.00065	197.99	-127.28	0.00069

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00073	183.85	-141.42	0.00075
180.31	-144.96	0.00076	176.78	-148.49	0.00077
174.66	-150.61	0.00077	173.24	-152.03	0.00077
171.83	-153.44	0.00077	170.41	-154.86	0.00077
169.00	-156.27	0.00077	156.27	-169.00	0.00075
154.86	-170.41	0.00074	153.44	-171.83	0.00074
152.03	-173.24	0.00073	150.61	-174.66	0.00073
148.49	-176.78	0.00072	144.96	-180.31	0.00071
141.42	-183.85	0.00069	134.35	-190.92	0.00065
127.28	-197.99	0.00061	120.21	-205.06	0.00056
113.14	-212.13	0.00051	106.07	-219.20	0.00046
98.99	-226.27	0.00041	91.92	-233.35	0.00037
240.42	-98.99	0.00045	233.35	-106.07	0.00049
226.27	-113.14	0.00053	219.20	-120.21	0.00057
212.13	-127.28	0.00061	205.06	-134.35	0.00064
197.99	-141.42	0.00067	190.92	-148.49	0.00070
187.38	-152.03	0.00070	183.85	-155.56	0.00071
181.73	-157.68	0.00071	180.31	-159.10	0.00071
178.90	-160.51	0.00071	177.48	-161.93	0.00071
176.07	-163.34	0.00071	163.34	-176.07	0.00069
161.93	-177.48	0.00069	160.51	-178.90	0.00068
159.10	-180.31	0.00068	157.68	-181.73	0.00067
155.56	-183.85	0.00067	152.03	-187.38	0.00066
148.49	-190.92	0.00064	141.42	-197.99	0.00061
134.35	-205.06	0.00057	127.28	-212.13	0.00053
120.21	-219.20	0.00048	113.14	-226.27	0.00044
106.07	-233.35	0.00040	98.99	-240.42	0.00036
247.49	-106.07	0.00043	240.42	-113.14	0.00047
233.35	-120.21	0.00050	226.27	-127.28	0.00054
219.20	-134.35	0.00057	212.13	-141.42	0.00060
205.06	-148.49	0.00063	197.99	-155.56	0.00065
194.45	-159.10	0.00065	190.92	-162.63	0.00066
188.80	-164.76	0.00066	187.38	-166.17	0.00066
185.97	-167.58	0.00066	184.55	-169.00	0.00066
183.14	-170.41	0.00066	170.41	-183.14	0.00064
169.00	-184.55	0.00064	167.58	-185.97	0.00063
166.17	-187.38	0.00063	164.76	-188.80	0.00063

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00062	159.10	-194.45	0.00061
155.56	-197.99	0.00060	148.49	-205.06	0.00057
141.42	-212.13	0.00054	134.35	-219.20	0.00050
127.28	-226.27	0.00046	120.21	-233.35	0.00042
113.14	-240.42	0.00038	106.07	-247.49	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00009	-113.14	240.42	0.00011
-120.21	233.35	0.00013	-127.28	226.27	0.00015
-134.35	219.20	0.00018	-141.42	212.13	0.00021
-148.49	205.06	0.00024	-155.56	197.99	0.00027
-159.10	194.45	0.00029	-162.63	190.92	0.00030
-164.76	188.80	0.00031	-166.17	187.38	0.00031
-167.58	185.97	0.00031	-169.00	184.55	0.00032
-170.41	183.14	0.00032	-183.14	170.41	0.00034
-184.55	169.00	0.00034	-185.97	167.58	0.00034
-187.38	166.17	0.00034	-188.80	164.76	0.00034
-190.92	162.63	0.00034	-194.45	159.10	0.00034
-197.99	155.56	0.00034	-205.06	148.49	0.00033
-212.13	141.42	0.00032	-219.20	134.35	0.00031
-226.27	127.28	0.00029	-233.35	120.21	0.00027
-240.42	113.14	0.00025	-247.49	106.07	0.00023
-98.99	240.42	0.00010	-106.07	233.35	0.00011
-113.14	226.27	0.00013	-120.21	219.20	0.00016
-127.28	212.13	0.00019	-134.35	205.06	0.00022
-141.42	197.99	0.00026	-148.49	190.92	0.00030
-152.03	187.38	0.00032	-155.56	183.85	0.00034
-157.68	181.73	0.00034	-159.10	180.31	0.00035
-160.51	178.90	0.00035	-161.93	177.48	0.00036
-163.34	176.07	0.00036	-176.07	163.34	0.00038
-177.48	161.93	0.00038	-178.90	160.51	0.00038
-180.31	159.10	0.00038	-181.73	157.68	0.00038
-183.85	155.56	0.00038	-187.38	152.03	0.00038



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00038	-197.99	141.42	0.00037
-205.06	134.35	0.00036	-212.13	127.28	0.00034
-219.20	120.21	0.00032	-226.27	113.14	0.00029
-233.35	106.07	0.00026	-240.42	98.99	0.00024
-91.92	233.35	0.00010	-98.99	226.27	0.00011
-106.07	219.20	0.00014	-113.14	212.13	0.00016
-120.21	205.06	0.00020	-127.28	197.99	0.00024
-134.35	190.92	0.00028	-141.42	183.85	0.00033
-144.96	180.31	0.00035	-148.49	176.78	0.00038
-150.61	174.66	0.00039	-152.03	173.24	0.00039
-153.44	171.83	0.00040	-154.86	170.41	0.00041
-156.27	169.00	0.00041	-169.00	156.27	0.00043
-170.41	154.86	0.00044	-171.83	153.44	0.00044
-173.24	152.03	0.00044	-174.66	150.61	0.00044

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:  
 PAGE 84

CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00044	-180.31	144.96	0.00043
-183.85	141.42	0.00043	-190.92	134.35	0.00042
-197.99	127.28	0.00040	-205.06	120.21	0.00038
-212.13	113.14	0.00035	-219.20	106.07	0.00031
-226.27	99.00	0.00028	-233.35	91.92	0.00025
-84.85	226.27	0.00010	-91.92	219.20	0.00012
-98.99	212.13	0.00014	-106.07	205.06	0.00017
-113.14	197.99	0.00020	-120.21	190.92	0.00025
-127.28	183.85	0.00031	-134.35	176.78	0.00037
-137.89	173.24	0.00040	-141.42	169.71	0.00043
-143.54	167.58	0.00044	-144.96	166.17	0.00045
-146.37	164.76	0.00046	-147.79	163.34	0.00046
-149.20	161.93	0.00047	-161.93	149.20	0.00050
-163.34	147.79	0.00050	-164.76	146.37	0.00050
-166.17	144.96	0.00050	-167.58	143.54	0.00050
-169.71	141.42	0.00050	-173.24	137.89	0.00050
-176.78	134.35	0.00049	-183.85	127.28	0.00047
-190.92	120.21	0.00045	-197.99	113.14	0.00041
-205.06	106.07	0.00037	-212.13	99.00	0.00033
-219.20	91.92	0.00029	-226.27	84.85	0.00026

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00010	-84.85	212.13	0.00012
-91.92	205.06	0.00014	-98.99	197.99	0.00017
-106.07	190.92	0.00021	-113.14	183.85	0.00027
-120.21	176.78	0.00033	-127.28	169.71	0.00040
-130.81	166.17	0.00044	-134.35	162.63	0.00048
-136.47	160.51	0.00050	-137.89	159.10	0.00052
-139.30	157.68	0.00053	-140.71	156.27	0.00054
-142.13	154.86	0.00055	-154.86	142.13	0.00058
-156.27	140.71	0.00059	-157.68	139.30	0.00059
-159.10	137.89	0.00059	-160.51	136.47	0.00058
-162.63	134.35	0.00058	-166.17	130.81	0.00057
-169.71	127.28	0.00057	-176.78	120.21	0.00054
-183.85	113.14	0.00050	-190.92	106.07	0.00045
-197.99	99.00	0.00040	-205.06	91.92	0.00035
-212.13	84.85	0.00030	-219.20	77.78	0.00026
-70.71	212.13	0.00010	-77.78	205.06	0.00012
-84.85	197.99	0.00015	-91.92	190.92	0.00018
-98.99	183.85	0.00022	-106.07	176.78	0.00028
-113.14	169.71	0.00036	-120.21	162.63	0.00045
-123.74	159.10	0.00050	-127.28	155.56	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00058	-130.81	152.03	0.00060
-132.23	150.61	0.00061	-133.64	149.20	0.00063
-135.06	147.79	0.00064	-147.79	135.06	0.00069
-149.20	133.64	0.00069	-150.61	132.23	0.00069
-152.03	130.81	0.00069	-153.44	129.40	0.00069
-155.56	127.28	0.00068	-159.10	123.74	0.00067
-162.63	120.21	0.00066	-169.71	113.14	0.00062
-176.78	106.07	0.00056	-183.85	98.99	0.00049
-190.92	91.92	0.00042	-197.99	84.85	0.00037
-205.06	77.78	0.00031	-212.13	70.71	0.00027
-63.64	205.06	0.00011	-70.71	197.99	0.00012
-77.78	190.92	0.00015	-84.85	183.85	0.00018
-91.92	176.78	0.00023	-98.99	169.71	0.00029
-106.07	162.63	0.00038	-113.14	155.56	0.00049

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00056	-120.21	148.49	0.00063
-122.33	146.37	0.00067	-123.74	144.96	0.00069
-125.16	143.54	0.00072	-126.57	142.13	0.00074
-127.99	140.71	0.00076	-140.71	127.99	0.00082
-142.13	126.57	0.00082	-143.54	125.16	0.00082
-144.96	123.74	0.00082	-146.37	122.33	0.00081
-148.49	120.21	0.00081	-152.03	116.67	0.00079
-155.56	113.14	0.00077	-162.63	106.07	0.00070
-169.71	98.99	0.00061	-176.78	91.92	0.00053
-183.85	84.85	0.00045	-190.92	77.78	0.00038
-197.99	70.71	0.00032	-205.06	63.64	0.00028
-56.57	197.99	0.00011	-63.64	190.92	0.00013
-70.71	183.85	0.00015	-77.78	176.78	0.00019
-84.85	169.71	0.00024	-91.92	162.63	0.00031
-98.99	155.56	0.00040	-106.07	148.49	0.00054
-109.60	144.96	0.00062	-113.14	141.42	0.00072
-115.26	139.30	0.00077	-116.67	137.89	0.00081
-118.09	136.47	0.00084	-119.50	135.06	0.00088
-120.92	133.64	0.00090	-133.64	120.92	0.00100
-135.06	119.50	0.00099	-136.47	118.09	0.00099
-137.89	116.67	0.00098	-139.30	115.26	0.00098
-141.42	113.14	0.00096	-144.96	109.60	0.00093
-148.49	106.07	0.00089	-155.56	98.99	0.00078
-162.63	91.92	0.00066	-169.71	84.85	0.00056
-176.78	77.78	0.00047	-183.85	70.71	0.00039
-190.92	63.64	0.00034	-197.99	56.57	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
 PAGE 86

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00011	-56.57	183.85	0.00013
-63.64	176.78	0.00016	-70.71	169.71	0.00019
-77.78	162.63	0.00024	-84.85	155.56	0.00032
-91.92	148.49	0.00042	-98.99	141.42	0.00058
-102.53	137.89	0.00069	-106.07	134.35	0.00081
-108.19	132.23	0.00089	-109.60	130.81	0.00094
-111.02	129.40	0.00100	-112.43	127.99	0.00105
-113.84	126.57	0.00109	-126.57	113.84	0.00123

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00122	-129.40	111.02	0.00121
-130.81	109.60	0.00119	-132.23	108.19	0.00118
-134.35	106.07	0.00115	-137.89	102.53	0.00109
-141.42	98.99	0.00101	-148.49	91.92	0.00085
-155.56	84.85	0.00071	-162.63	77.78	0.00058
-169.71	70.71	0.00049	-176.78	63.64	0.00041
-183.85	56.57	0.00035	-190.92	49.50	0.00031
-42.43	183.85	0.00012	-49.50	176.78	0.00014
-56.57	169.71	0.00017	-63.64	162.63	0.00020
-70.71	155.56	0.00025	-77.78	148.49	0.00033
-84.85	141.42	0.00044	-91.92	134.35	0.00062
-95.46	130.81	0.00074	-98.99	127.28	0.00090
-101.12	125.16	0.00101	-102.53	123.74	0.00109
-103.94	122.33	0.00117	-105.36	120.92	0.00125
-106.77	119.50	0.00132	-119.50	106.77	0.00152
-120.92	105.36	0.00150	-122.33	103.94	0.00148
-123.74	102.53	0.00145	-125.16	101.12	0.00142
-127.28	98.99	0.00136	-130.81	95.46	0.00124
-134.35	91.92	0.00113	-141.42	84.85	0.00092
-148.49	77.78	0.00075	-155.56	70.71	0.00061
-162.63	63.64	0.00051	-169.71	56.57	0.00043
-176.78	49.50	0.00037	-183.85	42.43	0.00032
-35.36	176.78	0.00013	-42.43	169.71	0.00015
-49.50	162.63	0.00018	-56.57	155.56	0.00021
-63.64	148.49	0.00027	-70.71	141.42	0.00035
-77.78	134.35	0.00046	-84.85	127.28	0.00065
-88.39	123.74	0.00079	-91.92	120.21	0.00098
-94.05	118.09	0.00111	-95.46	116.67	0.00122
-96.87	115.26	0.00133	-98.29	113.84	0.00146
-99.70	112.43	0.00158	-112.43	99.70	0.00190
-113.84	98.29	0.00184	-115.26	96.87	0.00178
-116.67	95.46	0.00171	-118.09	94.05	0.00164

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00153	-123.74	88.39	0.00136
-127.28	84.85	0.00122	-134.35	77.78	0.00098

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00079	-148.49	63.64	0.00065
-155.56	56.57	0.00054	-162.63	49.50	0.00045
-169.71	42.43	0.00039	-176.78	35.36	0.00033
-28.28	169.71	0.00013	-35.36	162.63	0.00016
-42.43	155.56	0.00019	-49.50	148.49	0.00023
-56.57	141.42	0.00028	-63.64	134.35	0.00037
-70.71	127.28	0.00050	-77.78	120.21	0.00070
-81.32	116.67	0.00085	-84.85	113.14	0.00105
-86.97	111.02	0.00121	-88.39	109.60	0.00133
-89.80	108.19	0.00147	-91.22	106.77	0.00163
-92.63	105.36	0.00181	-105.36	92.63	0.00226
-106.77	91.22	0.00213	-108.19	89.80	0.00200
-109.60	88.39	0.00189	-111.02	86.97	0.00180
-113.14	84.85	0.00166	-116.67	81.32	0.00147
-120.21	77.78	0.00131	-127.28	70.71	0.00104
-134.35	63.64	0.00083	-141.42	56.57	0.00068
-148.49	49.50	0.00056	-155.56	42.43	0.00047
-162.63	35.36	0.00040	-169.71	28.28	0.00035
-21.21	162.63	0.00014	-28.28	155.56	0.00017
-35.36	148.49	0.00020	-42.43	141.42	0.00024
-49.50	134.35	0.00031	-56.57	127.28	0.00040
-63.64	120.21	0.00054	-70.71	113.14	0.00077
-74.25	109.60	0.00094	-77.78	106.07	0.00118
-79.90	103.94	0.00137	-81.32	102.53	0.00151
-82.73	101.12	0.00169	-84.15	99.70	0.00191
-85.56	98.29	0.00220	-98.29	85.56	0.00258
-99.70	84.15	0.00237	-101.12	82.73	0.00220
-102.53	81.32	0.00206	-103.94	79.90	0.00194
-106.07	77.78	0.00178	-109.60	74.25	0.00156
-113.14	70.71	0.00137	-120.21	63.64	0.00108
-127.28	56.57	0.00086	-134.35	49.50	0.00070
-141.42	42.43	0.00058	-148.49	35.36	0.00048
-155.56	28.28	0.00041	-162.63	21.21	0.00036
-14.14	155.56	0.00015	-21.21	148.49	0.00018
-28.28	141.42	0.00021	-35.36	134.35	0.00026
-42.43	127.28	0.00033	-49.50	120.21	0.00044
-56.57	113.14	0.00061	-63.64	106.07	0.00092
-67.18	102.53	0.00118	-70.71	98.99	0.00156

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

19NCRA PL94-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-72.83	96.87	0.00190	-74.25	95.46	0.00219	
-75.66	94.05	0.00256	-77.07	92.63	0.00304	
-78.49	91.22	0.00368	-91.22	78.49	0.00327	
-92.63	77.07	0.00286	-94.05	75.66	0.00256	
-95.46	74.25	0.00233	-96.87	72.83	0.00215	
-98.99	70.71	0.00194	-102.53	67.18	0.00166	
-106.07	63.64	0.00145	-113.14	56.57	0.00112	
-120.21	49.50	0.00088	-127.28	42.43	0.00072	
-134.35	35.36	0.00059	-141.42	28.28	0.00050	
-148.49	21.21	0.00042	-155.56	14.14	0.00036	
-7.07	148.49	0.00016	-14.14	141.42	0.00019	
-21.21	134.35	0.00024	-28.28	127.28	0.00030	
-35.36	120.21	0.00039	-42.43	113.14	0.00052	
-49.50	106.07	0.00076	-56.57	98.99	0.00122	
-60.10	95.46	0.00162	-63.64	91.92	0.00224	
-65.76	89.80	0.00278	-67.18	88.39	0.00323	
-68.59	86.97	0.00379	-70.00	85.56	0.00446	
-71.42	84.15	0.00531	-84.15	71.42	0.00417	
-85.56	70.00	0.00357	-86.97	68.59	0.00314	
-88.39	67.18	0.00281	-89.80	65.76	0.00254	
-91.92	63.64	0.00222	-95.46	60.10	0.00183	
-98.99	56.57	0.00154	-106.07	49.50	0.00116	
-113.14	42.43	0.00092	-120.21	35.36	0.00074	
-127.28	28.28	0.00061	-134.35	21.21	0.00051	
-141.42	14.14	0.00043	-148.49	7.07	0.00037	
0.00	141.42	0.00018	-7.07	134.35	0.00022	
-14.14	127.28	0.00027	-21.21	120.21	0.00035	
-28.28	113.14	0.00046	-35.36	106.07	0.00065	
-42.43	98.99	0.00098	-49.50	91.92	0.00162	
-53.03	88.39	0.00218	-56.57	84.85	0.00300	
-58.69	82.73	0.00369	-60.10	81.32	0.00424	
-61.52	79.90	0.00491	-62.93	78.49	0.00569	
-64.35	77.07	0.00663	-77.07	64.35	0.00503	
-78.49	62.93	0.00431	-79.90	61.52	0.00376	
-81.32	60.10	0.00333	-82.73	58.69	0.00298	
-84.85	56.57	0.00257	-88.39	53.03	0.00206	
-91.92	49.50	0.00170	-98.99	42.43	0.00123	
-106.07	35.36	0.00095	-113.14	28.28	0.00076	
-120.21	21.21	0.00063	-127.28	14.14	0.00053	
-134.35	7.07	0.00045	-141.42	0.00	0.00038	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00020	0.00	127.28	0.00025
-7.07	120.21	0.00032	-14.14	113.14	0.00042
-21.21	106.07	0.00057	-28.28	98.99	0.00081
-35.36	91.92	0.00125	-42.43	84.85	0.00206
-45.96	81.32	0.00273	-49.50	77.78	0.00370
-51.62	75.66	0.00447	-53.03	74.25	0.00509
-54.45	72.83	0.00581	-55.86	71.42	0.00663
-57.28	70.00	0.00762	-70.00	57.28	0.00573
-71.42	55.86	0.00493	-72.83	54.45	0.00431
-74.25	53.03	0.00380	-75.66	51.62	0.00339
-77.78	49.50	0.00289	-81.32	45.96	0.00229
-84.85	42.43	0.00187	-91.92	35.36	0.00133
-98.99	28.28	0.00100	-106.07	21.21	0.00080
-113.14	14.14	0.00065	-120.21	7.07	0.00055
-127.28	0.00	0.00046	-134.35	-7.07	0.00039
14.14	127.28	0.00023	7.07	120.21	0.00029
0.00	113.14	0.00038	-7.07	106.07	0.00050
-14.14	98.99	0.00069	-21.21	91.92	0.00100
-28.28	84.85	0.00153	-35.36	77.78	0.00249
-38.89	74.25	0.00325	-42.43	70.71	0.00429
-44.55	68.59	0.00511	-45.96	67.18	0.00575
-47.38	65.76	0.00649	-48.79	64.35	0.00733
-50.20	62.93	0.00832	-62.93	50.20	0.00624
-64.35	48.79	0.00539	-65.76	47.38	0.00473
-67.18	45.96	0.00417	-68.59	44.55	0.00372
-70.71	42.43	0.00316	-74.25	38.89	0.00249
-77.78	35.36	0.00203	-84.85	28.28	0.00144
-91.92	21.21	0.00108	-98.99	14.14	0.00084
-106.07	7.07	0.00068	-113.14	0.00	0.00056
-120.21	-7.07	0.00047	-127.28	-14.14	0.00040
21.21	120.21	0.00027	14.14	113.14	0.00034
7.07	106.07	0.00044	0.00	98.99	0.00059
-7.07	91.92	0.00082	-14.14	84.85	0.00120
-21.21	77.78	0.00181	-28.28	70.71	0.00288

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00369	-35.36	63.64	0.00478
-37.48	61.52	0.00561	-38.89	60.10	0.00625
-40.31	58.69	0.00698	-41.72	57.28	0.00781
-43.13	55.86	0.00878	-55.86	43.13	0.00655
-57.28	41.72	0.00567	-58.69	40.31	0.00499
-60.10	38.89	0.00442	-61.52	37.48	0.00395

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00337	-67.18	31.82	0.00267
-70.71	28.28	0.00219	-77.78	21.21	0.00156
-84.85	14.14	0.00116	-91.92	7.07	0.00089
-98.99	0.00	0.00070	-106.07	-7.07	0.00057
-113.14	-14.14	0.00047	-120.21	-21.21	0.00040
28.28	113.14	0.00030	21.21	106.07	0.00039
14.14	98.99	0.00051	7.07	91.92	0.00069
0.00	84.85	0.00096	-7.07	77.78	0.00139
-14.14	70.71	0.00208	-21.21	63.64	0.00322
-24.75	60.10	0.00407	-28.28	56.57	0.00518
-30.41	54.45	0.00601	-31.82	53.03	0.00664
-33.23	51.62	0.00734	-34.65	50.20	0.00815
-36.06	48.79	0.00908	-48.79	36.06	0.00666
-50.20	34.65	0.00580	-51.62	33.23	0.00513
-53.03	31.82	0.00458	-54.45	30.41	0.00412
-56.57	28.28	0.00355	-60.10	24.75	0.00285
-63.64	21.21	0.00234	-70.71	14.14	0.00166
-77.78	7.07	0.00123	-84.85	0.00	0.00094
-91.92	-7.07	0.00073	-98.99	-14.14	0.00058
-106.07	-21.21	0.00048	-113.14	-28.28	0.00040
35.36	106.07	0.00034	28.28	98.99	0.00044
21.21	91.92	0.00058	14.14	84.85	0.00079
7.07	77.78	0.00109	0.00	70.71	0.00156
-7.07	63.64	0.00230	-14.14	56.57	0.00350
-17.68	53.03	0.00437	-21.21	49.50	0.00549
-23.33	47.38	0.00631	-24.75	45.96	0.00694
-26.16	44.55	0.00763	-27.58	43.13	0.00841
-28.99	41.72	0.00929	-41.72	28.99	0.00669



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00589	-44.55	26.16	0.00525
-45.96	24.75	0.00473	-47.38	23.33	0.00428
-49.50	21.21	0.00372	-53.03	17.68	0.00299
-56.57	14.14	0.00246	-63.64	7.07	0.00174
-70.71	0.00	0.00129	-77.78	-7.07	0.00098
-84.85	-14.14	0.00076	-91.92	-21.21	0.00061
-98.99	-28.28	0.00049	-106.07	-35.36	0.00041
42.43	98.99	0.00039	35.36	91.92	0.00050
28.28	84.85	0.00066	21.21	77.78	0.00089
14.14	70.71	0.00122	7.07	63.64	0.00172
0.00	56.57	0.00249	-7.07	49.50	0.00371
-10.61	45.96	0.00458	-14.14	42.43	0.00568

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00648	-17.68	38.89	0.00708
-19.09	37.48	0.00774	-20.51	36.06	0.00847
-21.92	34.65	0.00924	-34.65	21.92	0.00666
-36.06	20.51	0.00594	-37.48	19.09	0.00533
-38.89	17.68	0.00483	-40.31	16.26	0.00439
-42.43	14.14	0.00384	-45.96	10.61	0.00312
-49.50	7.07	0.00257	-56.57	0.00	0.00182
-63.64	-7.07	0.00135	-70.71	-14.14	0.00103
-77.78	-21.21	0.00080	-84.85	-28.28	0.00063
-91.92	-35.36	0.00051	-98.99	-42.43	0.00042
49.50	91.92	0.00044	42.43	84.85	0.00056
35.36	77.78	0.00073	28.28	70.71	0.00098
21.21	63.64	0.00133	14.14	56.57	0.00184
7.07	49.50	0.00262	0.00	42.43	0.00379
-3.54	38.89	0.00459	-7.07	35.36	0.00555
-9.19	33.23	0.00620	-10.61	31.82	0.00666
-12.02	30.41	0.00713	-13.44	28.99	0.00759
-14.85	27.58	0.00800	-27.58	14.85	0.00616
-28.99	13.44	0.00565	-30.41	12.02	0.00518
-31.82	10.61	0.00476	-33.23	9.19	0.00438
-35.36	7.07	0.00386	-38.89	3.54	0.00317
-42.43	0.00	0.00263	-49.50	-7.07	0.00187

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00139	-63.64	-21.21	0.00106
-70.71	-28.28	0.00083	-77.78	-35.36	0.00066
-84.85	-42.43	0.00054	-91.92	-49.50	0.00044
56.57	84.85	0.00048	49.50	77.78	0.00061
42.43	70.71	0.00080	35.36	63.64	0.00105
28.28	56.57	0.00141	21.21	49.50	0.00192
14.14	42.43	0.00265	7.07	35.36	0.00368
3.54	31.82	0.00433	0.00	28.28	0.00506
-2.12	26.16	0.00551	-3.54	24.75	0.00581
-4.95	23.33	0.00609	-6.36	21.92	0.00634
-7.78	20.51	0.00655	-20.51	7.78	0.00541
-21.92	6.36	0.00507	-23.33	4.95	0.00474
-24.75	3.54	0.00442	-26.16	2.12	0.00411
-28.28	0.00	0.00370	-31.82	-3.54	0.00311
-35.36	-7.07	0.00262	-42.43	-14.14	0.00190
-49.50	-21.21	0.00141	-56.57	-28.28	0.00109
-63.64	-35.36	0.00086	-70.71	-42.43	0.00068
-77.78	-49.50	0.00055	-84.85	-56.57	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00052	56.57	70.71	0.00066
49.50	63.64	0.00085	42.43	56.57	0.00110
35.36	49.50	0.00145	28.28	42.43	0.00193
21.21	35.36	0.00258	14.14	28.28	0.00344
10.61	24.75	0.00393	7.07	21.21	0.00444
4.95	19.09	0.00474	3.54	17.68	0.00492
2.12	16.26	0.00508	0.71	14.85	0.00522
-0.71	13.44	0.00534	-13.44	0.71	0.00462
-14.85	-0.71	0.00441	-16.26	-2.12	0.00419
-17.68	-3.54	0.00396	-19.09	-4.95	0.00374
-21.21	-7.07	0.00341	-24.75	-10.61	0.00293
-28.28	-14.14	0.00252	-35.36	-21.21	0.00188
-42.43	-28.28	0.00142	-49.50	-35.36	0.00110
-56.57	-42.43	0.00087	-63.64	-49.50	0.00070
-70.71	-56.57	0.00057	-77.78	-63.64	0.00047
70.71	70.71	0.00055	63.64	63.64	0.00069

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00088	49.50	49.50	0.00113
42.43	42.43	0.00146	35.36	35.36	0.00189
28.28	28.28	0.00245	21.21	21.21	0.00312
17.68	17.68	0.00349	14.14	14.14	0.00384
12.02	12.02	0.00403	10.61	10.61	0.00414
9.19	9.19	0.00424	7.78	7.78	0.00433
6.36	6.36	0.00439	-6.36	-6.36	0.00392
-7.78	-7.78	0.00378	-9.19	-9.19	0.00364
-10.61	-10.61	0.00349	-12.02	-12.02	0.00333
-14.14	-14.14	0.00309	-17.68	-17.68	0.00270
-21.21	-21.21	0.00236	-28.28	-28.28	0.00181
-35.36	-35.36	0.00141	-42.43	-42.43	0.00110
-49.50	-49.50	0.00088	-56.57	-56.57	0.00071
-63.64	-63.64	0.00058	-70.71	-70.71	0.00048
77.78	63.64	0.00058	70.71	56.57	0.00072
63.64	49.50	0.00090	56.57	42.43	0.00113
49.50	35.36	0.00144	42.43	28.28	0.00181
35.36	21.21	0.00227	28.28	14.14	0.00280
24.75	10.61	0.00306	21.21	7.07	0.00330
19.09	4.95	0.00343	17.68	3.54	0.00351
16.26	2.12	0.00357	14.85	0.71	0.00362
13.44	-0.71	0.00365	0.71	-13.44	0.00333
-0.71	-14.85	0.00324	-2.12	-16.26	0.00314
-3.54	-17.68	0.00304	-4.95	-19.09	0.00293

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00275	-10.61	-24.75	0.00246
-14.14	-28.28	0.00218	-21.21	-35.36	0.00171
-28.28	-42.43	0.00136	-35.36	-49.50	0.00109
-42.43	-56.57	0.00088	-49.50	-63.64	0.00071
-56.57	-70.71	0.00059	-63.64	-77.78	0.00049
84.85	56.57	0.00060	77.78	49.50	0.00073
70.71	42.43	0.00091	63.64	35.36	0.00112
56.57	28.28	0.00139	49.50	21.21	0.00171
42.43	14.14	0.00209	35.36	7.07	0.00249
31.82	3.54	0.00268	28.28	0.00	0.00285

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00294	24.75	-3.54	0.00299
23.33	-4.95	0.00303	21.92	-6.36	0.00306
20.51	-7.78	0.00308	7.78	-20.51	0.00284
6.36	-21.92	0.00278	4.95	-23.33	0.00271
3.54	-24.75	0.00264	2.12	-26.16	0.00257
0.00	-28.28	0.00244	-3.54	-31.82	0.00222
-7.07	-35.36	0.00200	-14.14	-42.43	0.00160
-21.21	-49.50	0.00129	-28.28	-56.57	0.00105
-35.36	-63.64	0.00086	-42.43	-70.71	0.00071
-49.50	-77.78	0.00059	-56.57	-84.85	0.00050
91.92	49.50	0.00061	84.85	42.43	0.00074
77.78	35.36	0.00090	70.71	28.28	0.00109
63.64	21.21	0.00133	56.57	14.14	0.00160
49.50	7.07	0.00191	42.43	0.00	0.00221
38.89	-3.54	0.00235	35.36	-7.07	0.00247
33.23	-9.19	0.00253	31.82	-10.61	0.00257
30.41	-12.02	0.00259	28.99	-13.44	0.00261
27.58	-14.85	0.00263	14.85	-27.58	0.00245
13.44	-28.99	0.00240	12.02	-30.41	0.00236
10.61	-31.82	0.00231	9.19	-33.23	0.00225
7.07	-35.36	0.00216	3.54	-38.89	0.00200
0.00	-42.43	0.00183	-7.07	-49.50	0.00150
-14.14	-56.57	0.00122	-21.21	-63.64	0.00101
-28.28	-70.71	0.00084	-35.36	-77.78	0.00070
-42.43	-84.85	0.00059	-49.50	-91.92	0.00050
98.99	42.43	0.00061	91.92	35.36	0.00073
84.85	28.28	0.00088	77.78	21.21	0.00106
70.71	14.14	0.00126	63.64	7.07	0.00149
56.57	0.00	0.00173	49.50	-7.07	0.00197
45.96	-10.61	0.00207	42.43	-14.14	0.00216

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00220	38.89	-17.68	0.00223
37.48	-19.09	0.00224	36.06	-20.51	0.00226
34.65	-21.92	0.00226	21.92	-34.65	0.00213
20.51	-36.06	0.00209	19.09	-37.48	0.00206

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00202	16.26	-40.31	0.00198
14.14	-42.43	0.00191	10.61	-45.96	0.00179
7.07	-49.50	0.00166	0.00	-56.57	0.00139
-7.07	-63.64	0.00115	-14.14	-70.71	0.00096
-21.21	-77.78	0.00081	-28.28	-84.85	0.00068
-35.36	-91.92	0.00058	-42.43	-98.99	0.00050
106.07	35.36	0.00061	98.99	28.28	0.00072
91.92	21.21	0.00086	84.85	14.14	0.00101
77.78	7.07	0.00119	70.71	0.00	0.00138
63.64	-7.07	0.00157	56.57	-14.14	0.00176
53.03	-17.68	0.00184	49.50	-21.21	0.00190
47.38	-23.33	0.00193	45.96	-24.75	0.00195
44.55	-26.16	0.00196	43.13	-27.58	0.00197
41.72	-28.99	0.00197	28.99	-41.72	0.00186
27.58	-43.13	0.00184	26.16	-44.55	0.00181
24.75	-45.96	0.00178	23.33	-47.38	0.00175
21.21	-49.50	0.00170	17.68	-53.03	0.00161
14.14	-56.57	0.00151	7.07	-63.64	0.00129
0.00	-70.71	0.00108	-7.07	-77.78	0.00091
-14.14	-84.85	0.00077	-21.21	-91.92	0.00066
-28.28	-98.99	0.00057	-35.36	-106.07	0.00049
113.14	28.28	0.00060	106.07	21.21	0.00071
98.99	14.14	0.00083	91.92	7.07	0.00096
84.85	0.00	0.00111	77.78	-7.07	0.00127
70.71	-14.14	0.00143	63.64	-21.21	0.00157
60.10	-24.75	0.00163	56.57	-28.28	0.00168
54.45	-30.41	0.00170	53.03	-31.82	0.00171
51.62	-33.23	0.00172	50.20	-34.65	0.00173
48.79	-36.06	0.00173	36.06	-48.79	0.00164
34.65	-50.20	0.00163	33.23	-51.62	0.00160
31.82	-53.03	0.00158	30.41	-54.45	0.00156
28.28	-56.57	0.00152	24.75	-60.10	0.00145
21.21	-63.64	0.00137	14.14	-70.71	0.00119
7.07	-77.78	0.00102	0.00	-84.85	0.00086
-7.07	-91.92	0.00074	-14.14	-98.99	0.00063
-21.21	-106.07	0.00055	-28.28	-113.14	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00059	113.14	14.14	0.00069
106.07	7.07	0.00079	98.99	0.00	0.00091
91.92	-7.07	0.00104	84.85	-14.14	0.00117
77.78	-21.21	0.00130	70.71	-28.28	0.00142
67.18	-31.82	0.00146	63.64	-35.36	0.00150
61.52	-37.48	0.00151	60.10	-38.89	0.00152
58.69	-40.31	0.00153	57.28	-41.72	0.00153
55.86	-43.13	0.00153	43.13	-55.86	0.00146
41.72	-57.28	0.00145	40.31	-58.69	0.00143
38.89	-60.10	0.00141	37.48	-61.52	0.00139
35.36	-63.64	0.00136	31.82	-67.18	0.00131
28.28	-70.71	0.00125	21.21	-77.78	0.00110
14.14	-84.85	0.00096	7.07	-91.92	0.00082
0.00	-98.99	0.00070	-7.07	-106.07	0.00061
-14.14	-113.14	0.00053	-21.21	-120.21	0.00047
127.28	14.14	0.00058	120.21	7.07	0.00066
113.14	0.00	0.00076	106.07	-7.07	0.00086
98.99	-14.14	0.00097	91.92	-21.21	0.00108
84.85	-28.28	0.00119	77.78	-35.36	0.00128
74.25	-38.89	0.00131	70.71	-42.43	0.00134
68.59	-44.55	0.00135	67.18	-45.96	0.00136
65.76	-47.38	0.00136	64.35	-48.79	0.00137
62.93	-50.20	0.00137	50.20	-62.93	0.00131
48.79	-64.35	0.00130	47.38	-65.76	0.00128
45.96	-67.18	0.00127	44.55	-68.59	0.00125
42.43	-70.71	0.00123	38.89	-74.25	0.00119
35.36	-77.78	0.00114	28.28	-84.85	0.00102
21.21	-91.92	0.00090	14.14	-98.99	0.00078
7.07	-106.07	0.00067	0.00	-113.14	0.00058
-7.07	-120.21	0.00051	-14.14	-127.28	0.00045
134.35	7.07	0.00056	127.28	0.00	0.00064
120.21	-7.07	0.00072	113.14	-14.14	0.00081
106.07	-21.21	0.00091	98.99	-28.28	0.00100
91.92	-35.36	0.00109	84.85	-42.43	0.00116
81.32	-45.96	0.00119	77.78	-49.50	0.00121
75.66	-51.62	0.00122	74.25	-53.03	0.00122
72.83	-54.45	0.00122	71.42	-55.86	0.00123
70.00	-57.28	0.00123	57.28	-70.00	0.00118
55.86	-71.42	0.00117	54.45	-72.83	0.00116
53.03	-74.25	0.00115	51.62	-75.66	0.00113

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00111	45.96	-81.32	0.00108	
42.43	-84.85	0.00104	35.36	-91.92	0.00094	
28.28	-98.99	0.00084	21.21	-106.07	0.00074	
14.14	-113.14	0.00064	7.07	-120.21	0.00056	
0.00	-127.28	0.00049	-7.07	-134.35	0.00044	
141.42	0.00	0.00055	134.35	-7.07	0.00062	
127.28	-14.14	0.00069	120.21	-21.21	0.00077	
113.14	-28.28	0.00085	106.07	-35.36	0.00093	
98.99	-42.43	0.00100	91.92	-49.50	0.00106	
88.39	-53.03	0.00108	84.85	-56.57	0.00109	
82.73	-58.69	0.00110	81.32	-60.10	0.00110	
79.90	-61.52	0.00111	78.49	-62.93	0.00111	
77.07	-64.35	0.00111	64.35	-77.07	0.00107	
62.93	-78.49	0.00106	61.52	-79.90	0.00105	
60.10	-81.32	0.00104	58.69	-82.73	0.00103	
56.57	-84.85	0.00101	53.03	-88.39	0.00098	
49.50	-91.92	0.00095	42.43	-98.99	0.00087	
35.36	-106.07	0.00079	28.28	-113.14	0.00070	
21.21	-120.21	0.00061	14.14	-127.28	0.00054	
7.07	-134.35	0.00047	0.00	-141.42	0.00042	
148.49	-7.07	0.00053	141.42	-14.14	0.00059	
134.35	-21.21	0.00065	127.28	-28.28	0.00072	
120.21	-35.36	0.00079	113.14	-42.43	0.00086	
106.07	-49.50	0.00092	98.99	-56.57	0.00096	
95.46	-60.10	0.00098	91.92	-63.64	0.00100	
89.80	-65.76	0.00100	88.39	-67.18	0.00100	
86.97	-68.59	0.00100	85.56	-70.00	0.00100	
84.15	-71.42	0.00100	71.42	-84.15	0.00097	
70.00	-85.56	0.00096	68.59	-86.97	0.00095	
67.18	-88.39	0.00095	65.76	-89.80	0.00094	
63.64	-91.92	0.00093	60.10	-95.46	0.00090	
56.57	-98.99	0.00087	49.50	-106.07	0.00081	
42.43	-113.14	0.00074	35.36	-120.21	0.00066	
28.28	-127.28	0.00059	21.21	-134.35	0.00052	
14.14	-141.42	0.00046	7.07	-148.49	0.00041	
155.56	-14.14	0.00051	148.49	-21.21	0.00056	

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00062	134.35	-35.36	0.00068
127.28	-42.43	0.00074	120.21	-49.50	0.00080
113.14	-56.57	0.00085	106.07	-63.64	0.00088
102.53	-67.18	0.00090	98.99	-70.71	0.00091

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00091	95.46	-74.25	0.00091
94.05	-75.66	0.00092	92.63	-77.07	0.00092
91.22	-78.49	0.00092	78.49	-91.22	0.00088
77.07	-92.63	0.00088	75.66	-94.05	0.00087
74.25	-95.46	0.00087	72.83	-96.87	0.00086
70.71	-98.99	0.00085	67.18	-102.53	0.00083
63.64	-106.07	0.00081	56.57	-113.14	0.00075
49.50	-120.21	0.00069	42.43	-127.28	0.00062
35.36	-134.35	0.00056	28.28	-141.42	0.00050
21.21	-148.49	0.00044	14.14	-155.56	0.00039
162.63	-21.21	0.00049	155.56	-28.28	0.00054
148.49	-35.36	0.00059	141.42	-42.43	0.00064
134.35	-49.50	0.00069	127.28	-56.57	0.00074
120.21	-63.64	0.00078	113.14	-70.71	0.00081
109.60	-74.25	0.00083	106.07	-77.78	0.00083
103.94	-79.90	0.00084	102.53	-81.32	0.00084
101.12	-82.73	0.00084	99.70	-84.15	0.00084
98.29	-85.56	0.00084	85.56	-98.29	0.00081
84.15	-99.70	0.00081	82.73	-101.12	0.00080
81.32	-102.53	0.00080	79.90	-103.94	0.00079
77.78	-106.07	0.00078	74.25	-109.60	0.00076
70.71	-113.14	0.00074	63.64	-120.21	0.00070
56.57	-127.28	0.00065	49.50	-134.35	0.00059
42.43	-141.42	0.00053	35.36	-148.49	0.00048
28.28	-155.56	0.00043	21.21	-162.63	0.00038
169.71	-28.28	0.00047	162.63	-35.36	0.00051
155.56	-42.43	0.00056	148.49	-49.50	0.00060
141.42	-56.57	0.00065	134.35	-63.64	0.00069
127.28	-70.71	0.00073	120.21	-77.78	0.00075
116.67	-81.32	0.00076	113.14	-84.85	0.00077



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00077	109.60	-88.39	0.00077
108.19	-89.80	0.00077	106.77	-91.22	0.00077
105.36	-92.63	0.00077	92.63	-105.36	0.00075
91.22	-106.77	0.00074	89.80	-108.19	0.00074
88.39	-109.60	0.00073	86.97	-111.02	0.00073
84.85	-113.14	0.00072	81.32	-116.67	0.00071
77.78	-120.21	0.00069	70.71	-127.28	0.00065
63.64	-134.35	0.00061	56.57	-141.42	0.00056
49.50	-148.49	0.00051	42.43	-155.56	0.00046
35.36	-162.63	0.00041	28.28	-169.71	0.00037

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00045	169.71	-42.43	0.00049
162.63	-49.50	0.00053	155.56	-56.57	0.00057
148.49	-63.64	0.00061	141.42	-70.71	0.00064
134.35	-77.78	0.00067	127.28	-84.85	0.00070
123.74	-88.39	0.00070	120.21	-91.92	0.00071
118.09	-94.05	0.00071	116.67	-95.46	0.00071
115.26	-96.87	0.00071	113.84	-98.29	0.00071
112.43	-99.70	0.00071	99.70	-112.43	0.00069
98.29	-113.84	0.00069	96.87	-115.26	0.00068
95.46	-116.67	0.00068	94.05	-118.09	0.00067
91.92	-120.21	0.00067	88.39	-123.74	0.00066
84.85	-127.28	0.00064	77.78	-134.35	0.00061
70.71	-141.42	0.00057	63.64	-148.49	0.00053
56.57	-155.56	0.00048	49.50	-162.63	0.00044
42.43	-169.71	0.00040	35.36	-176.78	0.00036
183.85	-42.43	0.00043	176.78	-49.50	0.00047
169.71	-56.57	0.00050	162.63	-63.64	0.00054
155.56	-70.71	0.00057	148.49	-77.78	0.00060
141.42	-84.85	0.00063	134.35	-91.92	0.00065
130.81	-95.46	0.00065	127.28	-98.99	0.00066
125.16	-101.12	0.00066	123.74	-102.53	0.00066
122.33	-103.94	0.00066	120.92	-105.36	0.00066
119.50	-106.77	0.00066	106.77	-119.50	0.00064
105.36	-120.92	0.00064	103.94	-122.33	0.00063

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00063	101.12	-125.16	0.00063
98.99	-127.28	0.00062	95.46	-130.81	0.00061
91.92	-134.35	0.00060	84.85	-141.42	0.00057
77.78	-148.49	0.00054	70.71	-155.56	0.00050
63.64	-162.63	0.00046	56.57	-169.71	0.00042
49.50	-176.78	0.00038	42.43	-183.85	0.00035
190.92	-49.50	0.00041	183.85	-56.57	0.00045
176.78	-63.64	0.00048	169.71	-70.71	0.00051
162.63	-77.78	0.00054	155.56	-84.85	0.00056
148.49	-91.92	0.00059	141.42	-98.99	0.00060
137.89	-102.53	0.00061	134.35	-106.07	0.00061
132.23	-108.19	0.00061	130.81	-109.60	0.00061
129.40	-111.02	0.00061	127.99	-112.43	0.00061
126.57	-113.84	0.00061	113.84	-126.57	0.00060
112.43	-127.99	0.00059	111.02	-129.40	0.00059
109.60	-130.81	0.00059	108.19	-132.23	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00058	102.53	-137.89	0.00057
98.99	-141.42	0.00056	91.92	-148.49	0.00053
84.85	-155.56	0.00051	77.78	-162.63	0.00047
70.71	-169.71	0.00044	63.64	-176.78	0.00040
56.57	-183.85	0.00037	49.50	-190.92	0.00033
197.99	-56.57	0.00040	190.92	-63.64	0.00043
183.85	-70.71	0.00045	176.78	-77.78	0.00048
169.71	-84.85	0.00051	162.63	-91.92	0.00053
155.56	-98.99	0.00055	148.49	-106.07	0.00056
144.96	-109.60	0.00057	141.42	-113.14	0.00057
139.30	-115.26	0.00057	137.89	-116.67	0.00057
136.47	-118.09	0.00057	135.06	-119.50	0.00057
133.64	-120.92	0.00057	120.92	-133.64	0.00056
119.50	-135.06	0.00055	118.09	-136.47	0.00055
116.67	-137.89	0.00055	115.26	-139.30	0.00054
113.14	-141.42	0.00054	109.60	-144.96	0.00053
106.07	-148.49	0.00052	98.99	-155.56	0.00050
91.92	-162.63	0.00048	84.85	-169.71	0.00045

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00042	70.71	-183.85	0.00038
63.64	-190.92	0.00035	56.57	-197.99	0.00032
205.06	-63.64	0.00038	197.99	-70.71	0.00041
190.92	-77.78	0.00043	183.85	-84.85	0.00046
176.78	-91.92	0.00048	169.71	-98.99	0.00050
162.63	-106.07	0.00051	155.56	-113.14	0.00053
152.03	-116.67	0.00053	148.49	-120.21	0.00053
146.37	-122.33	0.00053	144.96	-123.74	0.00053
143.54	-125.16	0.00053	142.13	-126.57	0.00053
140.71	-127.99	0.00053	127.99	-140.71	0.00052
126.57	-142.13	0.00052	125.16	-143.54	0.00051
123.74	-144.96	0.00051	122.33	-146.37	0.00051
120.21	-148.49	0.00051	116.67	-152.03	0.00050
113.14	-155.56	0.00049	106.07	-162.63	0.00047
98.99	-169.71	0.00045	91.92	-176.78	0.00043
84.85	-183.85	0.00040	77.78	-190.92	0.00037
70.71	-197.99	0.00034	63.64	-205.06	0.00031
212.13	-70.71	0.00036	205.06	-77.78	0.00039
197.99	-84.85	0.00041	190.92	-91.92	0.00043
183.85	-98.99	0.00045	176.78	-106.07	0.00047
169.71	-113.14	0.00048	162.63	-120.21	0.00049
159.10	-123.74	0.00050	155.56	-127.28	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00050	152.03	-130.81	0.00050
150.61	-132.23	0.00050	149.20	-133.64	0.00050
147.79	-135.06	0.00050	135.06	-147.79	0.00049
133.64	-149.20	0.00048	132.23	-150.61	0.00048
130.81	-152.03	0.00048	129.40	-153.44	0.00048
127.28	-155.56	0.00047	123.74	-159.10	0.00047
120.21	-162.63	0.00046	113.14	-169.71	0.00044
106.07	-176.78	0.00043	98.99	-183.85	0.00040
91.92	-190.92	0.00038	84.85	-197.99	0.00035
77.78	-205.06	0.00033	70.71	-212.13	0.00030
219.20	-77.78	0.00035	212.13	-84.85	0.00037
205.06	-91.92	0.00039	197.99	-98.99	0.00041

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00043	183.85	-113.14	0.00044
176.78	-120.21	0.00046	169.71	-127.28	0.00046
166.17	-130.81	0.00047	162.63	-134.35	0.00047
160.51	-136.47	0.00047	159.10	-137.89	0.00047
157.68	-139.30	0.00047	156.27	-140.71	0.00047
154.86	-142.13	0.00047	142.13	-154.86	0.00046
140.71	-156.27	0.00046	139.30	-157.68	0.00045
137.89	-159.10	0.00045	136.47	-160.51	0.00045
134.35	-162.63	0.00045	130.81	-166.17	0.00044
127.28	-169.71	0.00043	120.21	-176.78	0.00042
113.14	-183.85	0.00040	106.07	-190.92	0.00038
98.99	-197.99	0.00036	91.92	-205.06	0.00034
84.85	-212.13	0.00031	77.78	-219.20	0.00029
226.27	-84.85	0.00033	219.20	-91.92	0.00035
212.13	-98.99	0.00037	205.06	-106.07	0.00039
197.99	-113.14	0.00041	190.92	-120.21	0.00042
183.85	-127.28	0.00043	176.78	-134.35	0.00044
173.24	-137.89	0.00044	169.71	-141.42	0.00044
167.58	-143.54	0.00044	166.17	-144.96	0.00044
164.76	-146.37	0.00044	163.34	-147.79	0.00044
161.93	-149.20	0.00044	149.20	-161.93	0.00043
147.79	-163.34	0.00043	146.37	-164.76	0.00043
144.96	-166.17	0.00043	143.54	-167.58	0.00042
141.42	-169.71	0.00042	137.89	-173.24	0.00042
134.35	-176.78	0.00041	127.28	-183.85	0.00040
120.21	-190.92	0.00038	113.14	-197.99	0.00036
106.07	-205.06	0.00035	98.99	-212.13	0.00032
91.92	-219.20	0.00030	84.85	-226.27	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00032	226.27	-98.99	0.00034
219.20	-106.07	0.00036	212.13	-113.14	0.00037
205.06	-120.21	0.00038	197.99	-127.28	0.00040
190.92	-134.35	0.00041	183.85	-141.42	0.00041
180.31	-144.96	0.00041	176.78	-148.49	0.00041
174.66	-150.61	0.00042	173.24	-152.03	0.00042

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00041	170.41	-154.86	0.00041
169.00	-156.27	0.00041	156.27	-169.00	0.00041
154.86	-170.41	0.00040	153.44	-171.83	0.00040
152.03	-173.24	0.00040	150.61	-174.66	0.00040
148.49	-176.78	0.00040	144.96	-180.31	0.00039
141.42	-183.85	0.00039	134.35	-190.92	0.00038
127.28	-197.99	0.00036	120.21	-205.06	0.00035
113.14	-212.13	0.00033	106.07	-219.20	0.00031
98.99	-226.27	0.00029	91.92	-233.35	0.00027
240.42	-98.99	0.00031	233.35	-106.07	0.00032
226.27	-113.14	0.00034	219.20	-120.21	0.00035
212.13	-127.28	0.00037	205.06	-134.35	0.00038
197.99	-141.42	0.00038	190.92	-148.49	0.00039
187.38	-152.03	0.00039	183.85	-155.56	0.00039
181.73	-157.68	0.00039	180.31	-159.10	0.00039
178.90	-160.51	0.00039	177.48	-161.93	0.00039
176.07	-163.34	0.00039	163.34	-176.07	0.00038
161.93	-177.48	0.00038	160.51	-178.90	0.00038
159.10	-180.31	0.00038	157.68	-181.73	0.00038
155.56	-183.85	0.00038	152.03	-187.38	0.00037
148.49	-190.92	0.00037	141.42	-197.99	0.00036
134.35	-205.06	0.00034	127.28	-212.13	0.00033
120.21	-219.20	0.00032	113.14	-226.27	0.00030
106.07	-233.35	0.00028	98.99	-240.42	0.00026
247.49	-106.07	0.00030	240.42	-113.14	0.00031
233.35	-120.21	0.00032	226.27	-127.28	0.00034
219.20	-134.35	0.00035	212.13	-141.42	0.00036
205.06	-148.49	0.00036	197.99	-155.56	0.00037
194.45	-159.10	0.00037	190.92	-162.63	0.00037
188.80	-164.76	0.00037	187.38	-166.17	0.00037
185.97	-167.58	0.00037	184.55	-169.00	0.00037
183.14	-170.41	0.00037	170.41	-183.14	0.00036
169.00	-184.55	0.00036	167.58	-185.97	0.00036
166.17	-187.38	0.00036	164.76	-188.80	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00036	159.10	-194.45	0.00035
155.56	-197.99	0.00035	148.49	-205.06	0.00034
141.42	-212.13	0.00033	134.35	-219.20	0.00032
127.28	-226.27	0.00030	120.21	-233.35	0.00029
113.14	-240.42	0.00027	106.07	-247.49	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00012	-113.14	240.42	0.00014
-120.21	233.35	0.00017	-127.28	226.27	0.00020
-134.35	219.20	0.00025	-141.42	212.13	0.00033
-148.49	205.06	0.00044	-155.56	197.99	0.00062
-159.10	194.45	0.00074	-162.63	190.92	0.00090
-164.76	188.80	0.00101	-166.17	187.38	0.00109
-167.58	185.97	0.00117	-169.00	184.55	0.00125
-170.41	183.14	0.00132	-183.14	170.41	0.00152
-184.55	169.00	0.00150	-185.97	167.58	0.00148
-187.38	166.17	0.00145	-188.80	164.76	0.00142
-190.92	162.63	0.00136	-194.45	159.10	0.00124
-197.99	155.56	0.00113	-205.06	148.49	0.00092
-212.13	141.42	0.00075	-219.20	134.35	0.00061
-226.27	127.28	0.00051	-233.35	120.21	0.00043
-240.42	113.14	0.00037	-247.49	106.07	0.00032
-98.99	240.42	0.00013	-106.07	233.35	0.00015
-113.14	226.27	0.00018	-120.21	219.20	0.00021
-127.28	212.13	0.00027	-134.35	205.06	0.00035
-141.42	197.99	0.00046	-148.49	190.92	0.00065
-152.03	187.38	0.00079	-155.56	183.85	0.00098
-157.68	181.73	0.00111	-159.10	180.31	0.00122
-160.51	178.90	0.00133	-161.93	177.48	0.00146
-163.34	176.07	0.00158	-176.07	163.34	0.00190
-177.48	161.93	0.00184	-178.90	160.51	0.00178
-180.31	159.10	0.00171	-181.73	157.68	0.00164
-183.85	155.56	0.00153	-187.38	152.03	0.00136
-190.92	148.49	0.00122	-197.99	141.42	0.00098
-205.06	134.35	0.00079	-212.13	127.28	0.00065
-219.20	120.21	0.00054	-226.27	113.14	0.00045

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-233.35	106.07	0.00039	-240.42	98.99	0.00033
-91.92	233.35	0.00013	-98.99	226.27	0.00016
-106.07	219.20	0.00019	-113.14	212.13	0.00023
-120.21	205.06	0.00028	-127.28	197.99	0.00037
-134.35	190.92	0.00050	-141.42	183.85	0.00070
-144.96	180.31	0.00085	-148.49	176.78	0.00105
-150.61	174.66	0.00121	-152.03	173.24	0.00133
-153.44	171.83	0.00147	-154.86	170.41	0.00163
-156.27	169.00	0.00181	-169.00	156.27	0.00226
-170.41	154.86	0.00213	-171.83	153.44	0.00200
-173.24	152.03	0.00189	-174.66	150.61	0.00180

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00166	-180.31	144.96	0.00147
-183.85	141.42	0.00131	-190.92	134.35	0.00104
-197.99	127.28	0.00083	-205.06	120.21	0.00068
-212.13	113.14	0.00056	-219.20	106.07	0.00047
-226.27	99.00	0.00040	-233.35	91.92	0.00035
-84.85	226.27	0.00014	-91.92	219.20	0.00017
-98.99	212.13	0.00020	-106.07	205.06	0.00024
-113.14	197.99	0.00031	-120.21	190.92	0.00040
-127.28	183.85	0.00054	-134.35	176.78	0.00077
-137.89	173.24	0.00094	-141.42	169.71	0.00118
-143.54	167.58	0.00137	-144.96	166.17	0.00151
-146.37	164.76	0.00169	-147.79	163.34	0.00191
-149.20	161.93	0.00220	-161.93	149.20	0.00258
-163.34	147.79	0.00237	-164.76	146.37	0.00220
-166.17	144.96	0.00206	-167.58	143.54	0.00194
-169.71	141.42	0.00178	-173.24	137.89	0.00156
-176.78	134.35	0.00137	-183.85	127.28	0.00108
-190.92	120.21	0.00086	-197.99	113.14	0.00070
-205.06	106.07	0.00058	-212.13	99.00	0.00048
-219.20	91.92	0.00041	-226.27	84.85	0.00036
-77.78	219.20	0.00015	-84.85	212.13	0.00018
-91.92	205.06	0.00021	-98.99	197.99	0.00026
-106.07	190.92	0.00033	-113.14	183.85	0.00044

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	176.78	0.00061	-127.28	169.71	0.00092
-130.81	166.17	0.00118	-134.35	162.63	0.00156
-136.47	160.51	0.00190	-137.89	159.10	0.00219
-139.30	157.68	0.00256	-140.71	156.27	0.00304
-142.13	154.86	0.00368	-154.86	142.13	0.00327
-156.27	140.71	0.00286	-157.68	139.30	0.00256
-159.10	137.89	0.00233	-160.51	136.47	0.00215
-162.63	134.35	0.00194	-166.17	130.81	0.00166
-169.71	127.28	0.00145	-176.78	120.21	0.00112
-183.85	113.14	0.00088	-190.92	106.07	0.00072
-197.99	99.00	0.00059	-205.06	91.92	0.00050
-212.13	84.85	0.00042	-219.20	77.78	0.00036
-70.71	212.13	0.00016	-77.78	205.06	0.00019
-84.85	197.99	0.00024	-91.92	190.92	0.00030
-98.99	183.85	0.00038	-106.07	176.78	0.00052
-113.14	169.71	0.00076	-120.21	162.63	0.00122
-123.74	159.10	0.00162	-127.28	155.56	0.00224

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00278	-130.81	152.03	0.00323
-132.23	150.61	0.00379	-133.64	149.20	0.00446
-135.06	147.79	0.00531	-147.79	135.06	0.00417
-149.20	133.64	0.00357	-150.61	132.23	0.00314
-152.03	130.81	0.00281	-153.44	129.40	0.00254
-155.56	127.28	0.00222	-159.10	123.74	0.00183
-162.63	120.21	0.00154	-169.71	113.14	0.00116
-176.78	106.07	0.00092	-183.85	98.99	0.00074
-190.92	91.92	0.00061	-197.99	84.85	0.00051
-205.06	77.78	0.00043	-212.13	70.71	0.00037
-63.64	205.06	0.00018	-70.71	197.99	0.00022
-77.78	190.92	0.00027	-84.85	183.85	0.00035
-91.92	176.78	0.00046	-98.99	169.71	0.00065
-106.07	162.63	0.00098	-113.14	155.56	0.00162
-116.67	152.03	0.00218	-120.21	148.49	0.00300
-122.33	146.37	0.00369	-123.74	144.96	0.00424
-125.16	143.54	0.00491	-126.57	142.13	0.00569



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00663	-140.71	127.99	0.00503
-142.13	126.57	0.00431	-143.54	125.16	0.00376
-144.96	123.74	0.00333	-146.37	122.33	0.00298
-148.49	120.21	0.00257	-152.03	116.67	0.00206
-155.56	113.14	0.00170	-162.63	106.07	0.00123
-169.71	98.99	0.00095	-176.78	91.92	0.00076
-183.85	84.85	0.00063	-190.92	77.78	0.00053
-197.99	70.71	0.00045	-205.06	63.64	0.00038
-56.57	197.99	0.00020	-63.64	190.92	0.00025
-70.71	183.85	0.00032	-77.78	176.78	0.00042
-84.85	169.71	0.00057	-91.92	162.63	0.00081
-98.99	155.56	0.00124	-106.07	148.49	0.00206
-109.60	144.96	0.00273	-113.14	141.42	0.00370
-115.26	139.30	0.00447	-116.67	137.89	0.00509
-118.09	136.47	0.00581	-119.50	135.06	0.00663
-120.92	133.64	0.00762	-133.64	120.92	0.00573
-135.06	119.50	0.00493	-136.47	118.09	0.00431
-137.89	116.67	0.00380	-139.30	115.26	0.00339
-141.42	113.14	0.00289	-144.96	109.60	0.00229
-148.49	106.07	0.00187	-155.56	98.99	0.00133
-162.63	91.92	0.00100	-169.71	84.85	0.00080
-176.78	77.78	0.00065	-183.85	70.71	0.00055
-190.92	63.64	0.00046	-197.99	56.57	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00023	-56.57	183.85	0.00029
-63.64	176.78	0.00038	-70.71	169.71	0.00050
-77.78	162.63	0.00069	-84.85	155.56	0.00100
-91.92	148.49	0.00153	-98.99	141.42	0.00249
-102.53	137.89	0.00325	-106.07	134.35	0.00429
-108.19	132.23	0.00511	-109.60	130.81	0.00575
-111.02	129.40	0.00649	-112.43	127.99	0.00733
-113.84	126.57	0.00832	-126.57	113.84	0.00624
-127.99	112.43	0.00539	-129.40	111.02	0.00473
-130.81	109.60	0.00417	-132.23	108.19	0.00372
-134.35	106.07	0.00316	-137.89	102.53	0.00249

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00203	-148.49	91.92	0.00144
-155.56	84.85	0.00108	-162.63	77.78	0.00084
-169.71	70.71	0.00068	-176.78	63.64	0.00056
-183.85	56.57	0.00047	-190.92	49.50	0.00040
-42.43	183.85	0.00027	-49.50	176.78	0.00034
-56.57	169.71	0.00044	-63.64	162.63	0.00059
-70.71	155.56	0.00082	-77.78	148.49	0.00120
-84.85	141.42	0.00181	-91.92	134.35	0.00288
-95.46	130.81	0.00369	-98.99	127.28	0.00478
-101.12	125.16	0.00561	-102.53	123.74	0.00625
-103.94	122.33	0.00698	-105.36	120.92	0.00781
-106.77	119.50	0.00878	-119.50	106.77	0.00655
-120.92	105.36	0.00567	-122.33	103.94	0.00499
-123.74	102.53	0.00442	-125.16	101.12	0.00395
-127.28	98.99	0.00337	-130.81	95.46	0.00267
-134.35	91.92	0.00219	-141.42	84.85	0.00156
-148.49	77.78	0.00116	-155.56	70.71	0.00089
-162.63	63.64	0.00070	-169.71	56.57	0.00057
-176.78	49.50	0.00047	-183.85	42.43	0.00040
-35.36	176.78	0.00030	-42.43	169.71	0.00039
-49.50	162.63	0.00051	-56.57	155.56	0.00069
-63.64	148.49	0.00096	-70.71	141.42	0.00139
-77.78	134.35	0.00208	-84.85	127.28	0.00322
-88.39	123.74	0.00407	-91.92	120.21	0.00518
-94.05	118.09	0.00601	-95.46	116.67	0.00664
-96.87	115.26	0.00734	-98.29	113.84	0.00815
-99.70	112.43	0.00908	-112.43	99.70	0.00666
-113.84	98.29	0.00580	-115.26	96.87	0.00513
-116.67	95.46	0.00458	-118.09	94.05	0.00412

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00355	-123.74	88.39	0.00285
-127.28	84.85	0.00234	-134.35	77.78	0.00166
-141.42	70.71	0.00123	-148.49	63.64	0.00094
-155.56	56.57	0.00073	-162.63	49.50	0.00058
-169.71	42.43	0.00048	-176.78	35.36	0.00040

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00034	-35.36	162.63	0.00044
-42.43	155.56	0.00058	-49.50	148.49	0.00079
-56.57	141.42	0.00109	-63.64	134.35	0.00156
-70.71	127.28	0.00230	-77.78	120.21	0.00350
-81.32	116.67	0.00437	-84.85	113.14	0.00549
-86.97	111.02	0.00631	-88.39	109.60	0.00694
-89.80	108.19	0.00763	-91.22	106.77	0.00841
-92.63	105.36	0.00929	-105.36	92.63	0.00669
-106.77	91.22	0.00589	-108.19	89.80	0.00525
-109.60	88.39	0.00473	-111.02	86.97	0.00428
-113.14	84.85	0.00372	-116.67	81.32	0.00299
-120.21	77.78	0.00246	-127.28	70.71	0.00174
-134.35	63.64	0.00129	-141.42	56.57	0.00098
-148.49	49.50	0.00076	-155.56	42.43	0.00061
-162.63	35.36	0.00049	-169.71	28.28	0.00041
-21.21	162.63	0.00039	-28.28	155.56	0.00050
-35.36	148.49	0.00066	-42.43	141.42	0.00089
-49.50	134.35	0.00122	-56.57	127.28	0.00172
-63.64	120.21	0.00249	-70.71	113.14	0.00371
-74.25	109.60	0.00458	-77.78	106.07	0.00568
-79.90	103.94	0.00648	-81.32	102.53	0.00708
-82.73	101.12	0.00774	-84.15	99.70	0.00847
-85.56	98.29	0.00924	-98.29	85.56	0.00666
-99.70	84.15	0.00594	-101.12	82.73	0.00533
-102.53	81.32	0.00483	-103.94	79.90	0.00439
-106.07	77.78	0.00384	-109.60	74.25	0.00312
-113.14	70.71	0.00257	-120.21	63.64	0.00182
-127.28	56.57	0.00135	-134.35	49.50	0.00103
-141.42	42.43	0.00080	-148.49	35.36	0.00063
-155.56	28.28	0.00051	-162.63	21.21	0.00042
-14.14	155.56	0.00044	-21.21	148.49	0.00056
-28.28	141.42	0.00073	-35.36	134.35	0.00098
-42.43	127.28	0.00133	-49.50	120.21	0.00184
-56.57	113.14	0.00262	-63.64	106.07	0.00379
-67.18	102.53	0.00459	-70.71	98.99	0.00555

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*  
 15:39:36  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00620	-74.25	95.46	0.00666
-75.66	94.05	0.00713	-77.07	92.63	0.00759
-78.49	91.22	0.00800	-91.22	78.49	0.00616
-92.63	77.07	0.00565	-94.05	75.66	0.00518
-95.46	74.25	0.00476	-96.87	72.83	0.00438
-98.99	70.71	0.00386	-102.53	67.18	0.00317
-106.07	63.64	0.00263	-113.14	56.57	0.00187
-120.21	49.50	0.00139	-127.28	42.43	0.00106
-134.35	35.36	0.00083	-141.42	28.28	0.00066
-148.49	21.21	0.00054	-155.56	14.14	0.00044
-7.07	148.49	0.00048	-14.14	141.42	0.00061
-21.21	134.35	0.00080	-28.28	127.28	0.00105
-35.36	120.21	0.00141	-42.43	113.14	0.00192
-49.50	106.07	0.00265	-56.57	98.99	0.00368
-60.10	95.46	0.00433	-63.64	91.92	0.00506
-65.76	89.80	0.00551	-67.18	88.39	0.00581
-68.59	86.97	0.00609	-70.00	85.56	0.00634
-71.42	84.15	0.00655	-84.15	71.42	0.00541
-85.56	70.00	0.00507	-86.97	68.59	0.00474
-88.39	67.18	0.00442	-89.80	65.76	0.00411
-91.92	63.64	0.00370	-95.46	60.10	0.00311
-98.99	56.57	0.00262	-106.07	49.50	0.00190
-113.14	42.43	0.00141	-120.21	35.36	0.00109
-127.28	28.28	0.00086	-134.35	21.21	0.00068
-141.42	14.14	0.00055	-148.49	7.07	0.00046
0.00	141.42	0.00052	-7.07	134.35	0.00066
-14.14	127.28	0.00085	-21.21	120.21	0.00110
-28.28	113.14	0.00145	-35.36	106.07	0.00193
-42.43	98.99	0.00258	-49.50	91.92	0.00344
-53.03	88.39	0.00393	-56.57	84.85	0.00444
-58.69	82.73	0.00474	-60.10	81.32	0.00492
-61.52	79.90	0.00508	-62.93	78.49	0.00522
-64.35	77.07	0.00533	-77.07	64.35	0.00462
-78.49	62.93	0.00441	-79.90	61.52	0.00419
-81.32	60.10	0.00396	-82.73	58.69	0.00374
-84.85	56.57	0.00341	-88.39	53.03	0.00293
-91.92	49.50	0.00252	-98.99	42.43	0.00188
-106.07	35.36	0.00142	-113.14	28.28	0.00110
-120.21	21.21	0.00087	-127.28	14.14	0.00070
-134.35	7.07	0.00057	-141.42	0.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00055	0.00	127.28	0.00069
-7.07	120.21	0.00088	-14.14	113.14	0.00113
-21.21	106.07	0.00146	-28.28	98.99	0.00189
-35.36	91.92	0.00245	-42.43	84.85	0.00312
-45.96	81.32	0.00349	-49.50	77.78	0.00384
-51.62	75.66	0.00403	-53.03	74.25	0.00414
-54.45	72.83	0.00424	-55.86	71.42	0.00433
-57.28	70.00	0.00439	-70.00	57.28	0.00392
-71.42	55.86	0.00378	-72.83	54.45	0.00364
-74.25	53.03	0.00349	-75.66	51.62	0.00333
-77.78	49.50	0.00309	-81.32	45.96	0.00270
-84.85	42.43	0.00236	-91.92	35.36	0.00181
-98.99	28.28	0.00141	-106.07	21.21	0.00110
-113.14	14.14	0.00088	-120.21	7.07	0.00071
-127.28	0.00	0.00058	-134.35	-7.07	0.00048
14.14	127.28	0.00058	7.07	120.21	0.00072
0.00	113.14	0.00090	-7.07	106.07	0.00113
-14.14	98.99	0.00144	-21.21	91.92	0.00181
-28.28	84.85	0.00227	-35.36	77.78	0.00280
-38.89	74.25	0.00306	-42.43	70.71	0.00330
-44.55	68.59	0.00343	-45.96	67.18	0.00351
-47.38	65.76	0.00357	-48.79	64.35	0.00362
-50.20	62.93	0.00365	-62.93	50.20	0.00333
-64.35	48.79	0.00324	-65.76	47.38	0.00314
-67.18	45.96	0.00304	-68.59	44.55	0.00293
-70.71	42.43	0.00275	-74.25	38.89	0.00246
-77.78	35.36	0.00218	-84.85	28.28	0.00171
-91.92	21.21	0.00136	-98.99	14.14	0.00109
-106.07	7.07	0.00088	-113.14	0.00	0.00071
-120.21	-7.07	0.00059	-127.28	-14.14	0.00049
21.21	120.21	0.00060	14.14	113.14	0.00073
7.07	106.07	0.00091	0.00	98.99	0.00112
-7.07	91.92	0.00139	-14.14	84.85	0.00171
-21.21	77.78	0.00209	-28.28	70.71	0.00249
-31.82	67.18	0.00268	-35.36	63.64	0.00285
-37.48	61.52	0.00294	-38.89	60.10	0.00299
-40.31	58.69	0.00303	-41.72	57.28	0.00306

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00308	-55.86	43.13	0.00284
-57.28	41.72	0.00278	-58.69	40.31	0.00271
-60.10	38.89	0.00264	-61.52	37.48	0.00257

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:  
PAGE 110

CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                    \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00244	-67.18	31.82	0.00222
-70.71	28.28	0.00200	-77.78	21.21	0.00160
-84.85	14.14	0.00129	-91.92	7.07	0.00105
-98.99	0.00	0.00086	-106.07	-7.07	0.00071
-113.14	-14.14	0.00059	-120.21	-21.21	0.00050
28.28	113.14	0.00061	21.21	106.07	0.00074
14.14	98.99	0.00090	7.07	91.92	0.00109
0.00	84.85	0.00133	-7.07	77.78	0.00160
-14.14	70.71	0.00191	-21.21	63.64	0.00221
-24.75	60.10	0.00235	-28.28	56.57	0.00247
-30.41	54.45	0.00253	-31.82	53.03	0.00257
-33.23	51.62	0.00259	-34.65	50.20	0.00261
-36.06	48.79	0.00263	-48.79	36.06	0.00245
-50.20	34.65	0.00240	-51.62	33.23	0.00236
-53.03	31.82	0.00231	-54.45	30.41	0.00225
-56.57	28.28	0.00216	-60.10	24.75	0.00200
-63.64	21.21	0.00183	-70.71	14.14	0.00150
-77.78	7.07	0.00122	-84.85	0.00	0.00101
-91.92	-7.07	0.00084	-98.99	-14.14	0.00070
-106.07	-21.21	0.00059	-113.14	-28.28	0.00050
35.36	106.07	0.00061	28.28	98.99	0.00073
21.21	91.92	0.00088	14.14	84.85	0.00106
7.07	77.78	0.00126	0.00	70.71	0.00149
-7.07	63.64	0.00173	-14.14	56.57	0.00197
-17.68	53.03	0.00207	-21.21	49.50	0.00216
-23.33	47.38	0.00220	-24.75	45.96	0.00223
-26.16	44.55	0.00224	-27.58	43.13	0.00226
-28.99	41.72	0.00226	-41.72	28.99	0.00213
-43.13	27.58	0.00209	-44.55	26.16	0.00206
-45.96	24.75	0.00202	-47.38	23.33	0.00198
-49.50	21.21	0.00191	-53.03	17.68	0.00179

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00166	-63.64	7.07	0.00139
-70.71	0.00	0.00115	-77.78	-7.07	0.00096
-84.85	-14.14	0.00081	-91.92	-21.21	0.00068
-98.99	-28.28	0.00058	-106.07	-35.36	0.00050
42.43	98.99	0.00061	35.36	91.92	0.00072
28.28	84.85	0.00086	21.21	77.78	0.00101
14.14	70.71	0.00119	7.07	63.64	0.00138
0.00	56.57	0.00157	-7.07	49.50	0.00176
-10.61	45.96	0.00184	-14.14	42.43	0.00190

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00193	-17.68	38.89	0.00195
-19.09	37.48	0.00196	-20.51	36.06	0.00197
-21.92	34.65	0.00197	-34.65	21.92	0.00186
-36.06	20.51	0.00184	-37.48	19.09	0.00181
-38.89	17.68	0.00178	-40.31	16.26	0.00175
-42.43	14.14	0.00170	-45.96	10.61	0.00161
-49.50	7.07	0.00151	-56.57	0.00	0.00129
-63.64	-7.07	0.00108	-70.71	-14.14	0.00091
-77.78	-21.21	0.00077	-84.85	-28.28	0.00066
-91.92	-35.36	0.00057	-98.99	-42.43	0.00049
49.50	91.92	0.00060	42.43	84.85	0.00071
35.36	77.78	0.00083	28.28	70.71	0.00096
21.21	63.64	0.00111	14.14	56.57	0.00127
7.07	49.50	0.00143	0.00	42.43	0.00157
-3.54	38.89	0.00163	-7.07	35.36	0.00168
-9.19	33.23	0.00170	-10.61	31.82	0.00171
-12.02	30.41	0.00172	-13.44	28.99	0.00173
-14.85	27.58	0.00173	-27.58	14.85	0.00164
-28.99	13.44	0.00163	-30.41	12.02	0.00160
-31.82	10.61	0.00158	-33.23	9.19	0.00156
-35.36	7.07	0.00152	-38.89	3.54	0.00145
-42.43	0.00	0.00137	-49.50	-7.07	0.00119
-56.57	-14.14	0.00102	-63.64	-21.21	0.00086
-70.71	-28.28	0.00074	-77.78	-35.36	0.00063
-84.85	-42.43	0.00055	-91.92	-49.50	0.00048

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00059	49.50	77.78	0.00069
42.43	70.71	0.00079	35.36	63.64	0.00091
28.28	56.57	0.00104	21.21	49.50	0.00117
14.14	42.43	0.00130	7.07	35.36	0.00142
3.54	31.82	0.00146	0.00	28.28	0.00150
-2.12	26.16	0.00151	-3.54	24.75	0.00152
-4.95	23.33	0.00153	-6.36	21.92	0.00153
-7.78	20.51	0.00153	-20.51	7.78	0.00146
-21.92	6.36	0.00145	-23.33	4.95	0.00143
-24.75	3.54	0.00141	-26.16	2.12	0.00139
-28.28	0.00	0.00136	-31.82	-3.54	0.00131
-35.36	-7.07	0.00125	-42.43	-14.14	0.00110
-49.50	-21.21	0.00096	-56.57	-28.28	0.00082
-63.64	-35.36	0.00070	-70.71	-42.43	0.00061
-77.78	-49.50	0.00053	-84.85	-56.57	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 112  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00058	56.57	70.71	0.00066
49.50	63.64	0.00076	42.43	56.57	0.00086
35.36	49.50	0.00097	28.28	42.43	0.00108
21.21	35.36	0.00119	14.14	28.28	0.00128
10.61	24.75	0.00131	7.07	21.21	0.00134
4.95	19.09	0.00135	3.54	17.68	0.00136
2.12	16.26	0.00136	0.71	14.85	0.00137
-0.71	13.44	0.00137	-13.44	0.71	0.00131
-14.85	-0.71	0.00130	-16.26	-2.12	0.00128
-17.68	-3.54	0.00127	-19.09	-4.95	0.00125
-21.21	-7.07	0.00123	-24.75	-10.61	0.00119
-28.28	-14.14	0.00114	-35.36	-21.21	0.00102
-42.43	-28.28	0.00090	-49.50	-35.36	0.00078
-56.57	-42.43	0.00067	-63.64	-49.50	0.00058
-70.71	-56.57	0.00051	-77.78	-63.64	0.00045
70.71	70.71	0.00056	63.64	63.64	0.00064
56.57	56.57	0.00072	49.50	49.50	0.00081
42.43	42.43	0.00091	35.36	35.36	0.00100
28.28	28.28	0.00109	21.21	21.21	0.00116



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00119	14.14	14.14	0.00121
12.02	12.02	0.00122	10.61	10.61	0.00122
9.19	9.19	0.00122	7.78	7.78	0.00123
6.36	6.36	0.00123	-6.36	-6.36	0.00118
-7.78	-7.78	0.00117	-9.19	-9.19	0.00116
-10.61	-10.61	0.00115	-12.02	-12.02	0.00113
-14.14	-14.14	0.00111	-17.68	-17.68	0.00108
-21.21	-21.21	0.00104	-28.28	-28.28	0.00094
-35.36	-35.36	0.00084	-42.43	-42.43	0.00074
-49.50	-49.50	0.00064	-56.57	-56.57	0.00056
-63.64	-63.64	0.00049	-70.71	-70.71	0.00044
77.78	63.64	0.00055	70.71	56.57	0.00062
63.64	49.50	0.00069	56.57	42.43	0.00077
49.50	35.36	0.00085	42.43	28.28	0.00093
35.36	21.21	0.00100	28.28	14.14	0.00106
24.75	10.61	0.00108	21.21	7.07	0.00109
19.09	4.95	0.00110	17.68	3.54	0.00110
16.26	2.12	0.00111	14.85	0.71	0.00111
13.44	-0.71	0.00111	0.71	-13.44	0.00107
-0.71	-14.85	0.00106	-2.12	-16.26	0.00105
-3.54	-17.68	0.00104	-4.95	-19.09	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00101	-10.61	-24.75	0.00098
-14.14	-28.28	0.00095	-21.21	-35.36	0.00087
-28.28	-42.43	0.00079	-35.36	-49.50	0.00070
-42.43	-56.57	0.00061	-49.50	-63.64	0.00054
-56.57	-70.71	0.00047	-63.64	-77.78	0.00042
84.85	56.57	0.00053	77.78	49.50	0.00059
70.71	42.43	0.00065	63.64	35.36	0.00072
56.57	28.28	0.00079	49.50	21.21	0.00086
42.43	14.14	0.00092	35.36	7.07	0.00096
31.82	3.54	0.00098	28.28	0.00	0.00100
26.16	-2.12	0.00100	24.75	-3.54	0.00100
23.33	-4.95	0.00100	21.92	-6.36	0.00100
20.51	-7.78	0.00100	7.78	-20.51	0.00097

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00096	4.95	-23.33	0.00095
3.54	-24.75	0.00095	2.12	-26.16	0.00094
0.00	-28.28	0.00093	-3.54	-31.82	0.00090
-7.07	-35.36	0.00087	-14.14	-42.43	0.00081
-21.21	-49.50	0.00074	-28.28	-56.57	0.00066
-35.36	-63.64	0.00059	-42.43	-70.71	0.00052
-49.50	-77.78	0.00046	-56.57	-84.85	0.00041
91.92	49.50	0.00051	84.85	42.43	0.00056
77.78	35.36	0.00062	70.71	28.28	0.00068
63.64	21.21	0.00074	56.57	14.14	0.00080
49.50	7.07	0.00085	42.43	0.00	0.00088
38.89	-3.54	0.00090	35.36	-7.07	0.00091
33.23	-9.19	0.00091	31.82	-10.61	0.00091
30.41	-12.02	0.00092	28.99	-13.44	0.00092
27.58	-14.85	0.00092	14.85	-27.58	0.00088
13.44	-28.99	0.00088	12.02	-30.41	0.00087
10.61	-31.82	0.00087	9.19	-33.23	0.00086
7.07	-35.36	0.00085	3.54	-38.89	0.00083
0.00	-42.43	0.00081	-7.07	-49.50	0.00075
-14.14	-56.57	0.00069	-21.21	-63.64	0.00062
-28.28	-70.71	0.00056	-35.36	-77.78	0.00050
-42.43	-84.85	0.00044	-49.50	-91.92	0.00039
98.99	42.43	0.00049	91.92	35.36	0.00054
84.85	28.28	0.00059	77.78	21.21	0.00064
70.71	14.14	0.00069	63.64	7.07	0.00074
56.57	0.00	0.00078	49.50	-7.07	0.00081
45.96	-10.61	0.00083	42.43	-14.14	0.00083

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00084	38.89	-17.68	0.00084
37.48	-19.09	0.00084	36.06	-20.51	0.00084
34.65	-21.92	0.00084	21.92	-34.65	0.00081
20.51	-36.06	0.00081	19.09	-37.48	0.00080
17.68	-38.89	0.00080	16.26	-40.31	0.00079
14.14	-42.43	0.00078	10.61	-45.96	0.00076
7.07	-49.50	0.00074	0.00	-56.57	0.00070

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00065	-14.14	-70.71	0.00059
-21.21	-77.78	0.00053	-28.28	-84.85	0.00048
-35.36	-91.92	0.00043	-42.43	-98.99	0.00038
106.07	35.36	0.00047	98.99	28.28	0.00051
91.92	21.21	0.00056	84.85	14.14	0.00060
77.78	7.07	0.00065	70.71	0.00	0.00069
63.64	-7.07	0.00073	56.57	-14.14	0.00075
53.03	-17.68	0.00076	49.50	-21.21	0.00077
47.38	-23.33	0.00077	45.96	-24.75	0.00077
44.55	-26.16	0.00077	43.13	-27.58	0.00077
41.72	-28.99	0.00077	28.99	-41.72	0.00075
27.58	-43.13	0.00074	26.16	-44.55	0.00074
24.75	-45.96	0.00073	23.33	-47.38	0.00073
21.21	-49.50	0.00072	17.68	-53.03	0.00071
14.14	-56.57	0.00069	7.07	-63.64	0.00065
0.00	-70.71	0.00061	-7.07	-77.78	0.00056
-14.14	-84.85	0.00051	-21.21	-91.92	0.00046
-28.28	-98.99	0.00041	-35.36	-106.07	0.00037
113.14	28.28	0.00045	106.07	21.21	0.00049
98.99	14.14	0.00053	91.92	7.07	0.00057
84.85	0.00	0.00061	77.78	-7.07	0.00064
70.71	-14.14	0.00067	63.64	-21.21	0.00070
60.10	-24.75	0.00070	56.57	-28.28	0.00071
54.45	-30.41	0.00071	53.03	-31.82	0.00071
51.62	-33.23	0.00071	50.20	-34.65	0.00071
48.79	-36.06	0.00071	36.06	-48.79	0.00069
34.65	-50.20	0.00069	33.23	-51.62	0.00068
31.82	-53.03	0.00068	30.41	-54.45	0.00067
28.28	-56.57	0.00067	24.75	-60.10	0.00066
21.21	-63.64	0.00064	14.14	-70.71	0.00061
7.07	-77.78	0.00057	0.00	-84.85	0.00053
-7.07	-91.92	0.00048	-14.14	-98.99	0.00044
-21.21	-106.07	0.00040	-28.28	-113.14	0.00036

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00043	113.14	14.14	0.00047

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00050	98.99	0.00	0.00054
91.92	-7.07	0.00057	84.85	-14.14	0.00060
77.78	-21.21	0.00063	70.71	-28.28	0.00065
67.18	-31.82	0.00065	63.64	-35.36	0.00066
61.52	-37.48	0.00066	60.10	-38.89	0.00066
58.69	-40.31	0.00066	57.28	-41.72	0.00066
55.86	-43.13	0.00066	43.13	-55.86	0.00064
41.72	-57.28	0.00064	40.31	-58.69	0.00063
38.89	-60.10	0.00063	37.48	-61.52	0.00063
35.36	-63.64	0.00062	31.82	-67.18	0.00061
28.28	-70.71	0.00060	21.21	-77.78	0.00057
14.14	-84.85	0.00054	7.07	-91.92	0.00050
0.00	-98.99	0.00046	-7.07	-106.07	0.00042
-14.14	-113.14	0.00038	-21.21	-120.21	0.00035
127.28	14.14	0.00041	120.21	7.07	0.00045
113.14	0.00	0.00048	106.07	-7.07	0.00051
98.99	-14.14	0.00054	91.92	-21.21	0.00056
84.85	-28.28	0.00059	77.78	-35.36	0.00060
74.25	-38.89	0.00061	70.71	-42.43	0.00061
68.59	-44.55	0.00061	67.18	-45.96	0.00061
65.76	-47.38	0.00061	64.35	-48.79	0.00061
62.93	-50.20	0.00061	50.20	-62.93	0.00060
48.79	-64.35	0.00059	47.38	-65.76	0.00059
45.96	-67.18	0.00059	44.55	-68.59	0.00058
42.43	-70.71	0.00058	38.89	-74.25	0.00057
35.36	-77.78	0.00056	28.28	-84.85	0.00053
21.21	-91.92	0.00051	14.14	-98.99	0.00047
7.07	-106.07	0.00044	0.00	-113.14	0.00040
-7.07	-120.21	0.00037	-14.14	-127.28	0.00033
134.35	7.07	0.00040	127.28	0.00	0.00043
120.21	-7.07	0.00045	113.14	-14.14	0.00048
106.07	-21.21	0.00051	98.99	-28.28	0.00053
91.92	-35.36	0.00055	84.85	-42.43	0.00056
81.32	-45.96	0.00057	77.78	-49.50	0.00057
75.66	-51.62	0.00057	74.25	-53.03	0.00057
72.83	-54.45	0.00057	71.42	-55.86	0.00057
70.00	-57.28	0.00057	57.28	-70.00	0.00056
55.86	-71.42	0.00055	54.45	-72.83	0.00055
53.03	-74.25	0.00055	51.62	-75.66	0.00054

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00054	45.96	-81.32	0.00053
42.43	-84.85	0.00052	35.36	-91.92	0.00050
28.28	-98.99	0.00048	21.21	-106.07	0.00045
14.14	-113.14	0.00042	7.07	-120.21	0.00038
0.00	-127.28	0.00035	-7.07	-134.35	0.00032
141.42	0.00	0.00038	134.35	-7.07	0.00041
127.28	-14.14	0.00043	120.21	-21.21	0.00046
113.14	-28.28	0.00048	106.07	-35.36	0.00050
98.99	-42.43	0.00051	91.92	-49.50	0.00053
88.39	-53.03	0.00053	84.85	-56.57	0.00053
82.73	-58.69	0.00053	81.32	-60.10	0.00053
79.90	-61.52	0.00053	78.49	-62.93	0.00053
77.07	-64.35	0.00053	64.35	-77.07	0.00052
62.93	-78.49	0.00052	61.52	-79.90	0.00051
60.10	-81.32	0.00051	58.69	-82.73	0.00051
56.57	-84.85	0.00051	53.03	-88.39	0.00050
49.50	-91.92	0.00049	42.43	-98.99	0.00047
35.36	-106.07	0.00045	28.28	-113.14	0.00043
21.21	-120.21	0.00040	14.14	-127.28	0.00037
7.07	-134.35	0.00034	0.00	-141.42	0.00031
148.49	-7.07	0.00036	141.42	-14.14	0.00039
134.35	-21.21	0.00041	127.28	-28.28	0.00043
120.21	-35.36	0.00045	113.14	-42.43	0.00047
106.07	-49.50	0.00048	98.99	-56.57	0.00049
95.46	-60.10	0.00050	91.92	-63.64	0.00050
89.80	-65.76	0.00050	88.39	-67.18	0.00050
86.97	-68.59	0.00050	85.56	-70.00	0.00050
84.15	-71.42	0.00050	71.42	-84.15	0.00049
70.00	-85.56	0.00048	68.59	-86.97	0.00048
67.18	-88.39	0.00048	65.76	-89.80	0.00048
63.64	-91.92	0.00047	60.10	-95.46	0.00047
56.57	-98.99	0.00046	49.50	-106.07	0.00044
42.43	-113.14	0.00043	35.36	-120.21	0.00040
28.28	-127.28	0.00038	21.21	-134.35	0.00035
14.14	-141.42	0.00033	7.07	-148.49	0.00030
155.56	-14.14	0.00035	148.49	-21.21	0.00037
141.42	-28.28	0.00039	134.35	-35.36	0.00041
127.28	-42.43	0.00043	120.21	-49.50	0.00044
113.14	-56.57	0.00046	106.07	-63.64	0.00046

102.53            -67.18            0.00047            98.99            -70.71            0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*            \*\*\* NCRA Cumulative DPM Impacts            \*\*\*  
 04/20/08            \*\*\* Maximum train overlap at SE/NW Bound Direction            \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC            URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00047	95.46	-74.25	0.00047
94.05	-75.66	0.00047	92.63	-77.07	0.00047
91.22	-78.49	0.00047	78.49	-91.22	0.00046
77.07	-92.63	0.00046	75.66	-94.05	0.00045
74.25	-95.46	0.00045	72.83	-96.87	0.00045
70.71	-98.99	0.00045	67.18	-102.53	0.00044
63.64	-106.07	0.00043	56.57	-113.14	0.00042
49.50	-120.21	0.00040	42.43	-127.28	0.00038
35.36	-134.35	0.00036	28.28	-141.42	0.00034
21.21	-148.49	0.00031	14.14	-155.56	0.00029
162.63	-21.21	0.00033	155.56	-28.28	0.00035
148.49	-35.36	0.00037	141.42	-42.43	0.00039
134.35	-49.50	0.00041	127.28	-56.57	0.00042
120.21	-63.64	0.00043	113.14	-70.71	0.00044
109.60	-74.25	0.00044	106.07	-77.78	0.00044
103.94	-79.90	0.00044	102.53	-81.32	0.00044
101.12	-82.73	0.00044	99.70	-84.15	0.00044
98.29	-85.56	0.00044	85.56	-98.29	0.00043
84.15	-99.70	0.00043	82.73	-101.12	0.00043
81.32	-102.53	0.00043	79.90	-103.94	0.00042
77.78	-106.07	0.00042	74.25	-109.60	0.00042
70.71	-113.14	0.00041	63.64	-120.21	0.00040
56.57	-127.28	0.00038	49.50	-134.35	0.00036
42.43	-141.42	0.00035	35.36	-148.49	0.00032
28.28	-155.56	0.00030	21.21	-162.63	0.00028
169.71	-28.28	0.00032	162.63	-35.36	0.00034
155.56	-42.43	0.00036	148.49	-49.50	0.00037
141.42	-56.57	0.00038	134.35	-63.64	0.00040
127.28	-70.71	0.00041	120.21	-77.78	0.00041
116.67	-81.32	0.00041	113.14	-84.85	0.00041
111.02	-86.97	0.00042	109.60	-88.39	0.00042
108.19	-89.80	0.00041	106.77	-91.22	0.00041
105.36	-92.63	0.00041	92.63	-105.36	0.00041

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00040	89.80	-108.19	0.00040
88.39	-109.60	0.00040	86.97	-111.02	0.00040
84.85	-113.14	0.00040	81.32	-116.67	0.00039
77.78	-120.21	0.00039	70.71	-127.28	0.00038
63.64	-134.35	0.00036	56.57	-141.42	0.00035
49.50	-148.49	0.00033	42.43	-155.56	0.00031
35.36	-162.63	0.00029	28.28	-169.71	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00031	169.71	-42.43	0.00032
162.63	-49.50	0.00034	155.56	-56.57	0.00035
148.49	-63.64	0.00037	141.42	-70.71	0.00038
134.35	-77.78	0.00038	127.28	-84.85	0.00039
123.74	-88.39	0.00039	120.21	-91.92	0.00039
118.09	-94.05	0.00039	116.67	-95.46	0.00039
115.26	-96.87	0.00039	113.84	-98.29	0.00039
112.43	-99.70	0.00039	99.70	-112.43	0.00038
98.29	-113.84	0.00038	96.87	-115.26	0.00038
95.46	-116.67	0.00038	94.05	-118.09	0.00038
91.92	-120.21	0.00038	88.39	-123.74	0.00037
84.85	-127.28	0.00037	77.78	-134.35	0.00036
70.71	-141.42	0.00034	63.64	-148.49	0.00033
56.57	-155.56	0.00032	49.50	-162.63	0.00030
42.43	-169.71	0.00028	35.36	-176.78	0.00026
183.85	-42.43	0.00030	176.78	-49.50	0.00031
169.71	-56.57	0.00032	162.63	-63.64	0.00034
155.56	-70.71	0.00035	148.49	-77.78	0.00036
141.42	-84.85	0.00036	134.35	-91.92	0.00037
130.81	-95.46	0.00037	127.28	-98.99	0.00037
125.16	-101.12	0.00037	123.74	-102.53	0.00037
122.33	-103.94	0.00037	120.92	-105.36	0.00037
119.50	-106.77	0.00037	106.77	-119.50	0.00036
105.36	-120.92	0.00036	103.94	-122.33	0.00036
102.53	-123.74	0.00036	101.12	-125.16	0.00036
98.99	-127.28	0.00036	95.46	-130.81	0.00035
91.92	-134.35	0.00035	84.85	-141.42	0.00034

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00033	70.71	-155.56	0.00032
63.64	-162.63	0.00030	56.57	-169.71	0.00029
49.50	-176.78	0.00027	42.43	-183.85	0.00025
190.92	-49.50	0.00028	183.85	-56.57	0.00030
176.78	-63.64	0.00031	169.71	-70.71	0.00032
162.63	-77.78	0.00033	155.56	-84.85	0.00034
148.49	-91.92	0.00035	141.42	-98.99	0.00035
137.89	-102.53	0.00035	134.35	-106.07	0.00035
132.23	-108.19	0.00035	130.81	-109.60	0.00035
129.40	-111.02	0.00035	127.99	-112.43	0.00035
126.57	-113.84	0.00035	113.84	-126.57	0.00034
112.43	-127.99	0.00034	111.02	-129.40	0.00034
109.60	-130.81	0.00034	108.19	-132.23	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00034	102.53	-137.89	0.00033
98.99	-141.42	0.00033	91.92	-148.49	0.00032
84.85	-155.56	0.00031	77.78	-162.63	0.00030
70.71	-169.71	0.00029	63.64	-176.78	0.00028
56.57	-183.85	0.00026	49.50	-190.92	0.00025
197.99	-56.57	0.00027	190.92	-63.64	0.00029
183.85	-70.71	0.00030	176.78	-77.78	0.00031
169.71	-84.85	0.00032	162.63	-91.92	0.00032
155.56	-98.99	0.00033	148.49	-106.07	0.00033
144.96	-109.60	0.00033	141.42	-113.14	0.00033
139.30	-115.26	0.00033	137.89	-116.67	0.00033
136.47	-118.09	0.00033	135.06	-119.50	0.00033
133.64	-120.92	0.00033	120.92	-133.64	0.00033
119.50	-135.06	0.00033	118.09	-136.47	0.00032
116.67	-137.89	0.00032	115.26	-139.30	0.00032
113.14	-141.42	0.00032	109.60	-144.96	0.00032
106.07	-148.49	0.00031	98.99	-155.56	0.00031
91.92	-162.63	0.00030	84.85	-169.71	0.00029
77.78	-176.78	0.00028	70.71	-183.85	0.00026
63.64	-190.92	0.00025	56.57	-197.99	0.00024
205.06	-63.64	0.00026	197.99	-70.71	0.00027



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00028	183.85	-84.85	0.00029
176.78	-91.92	0.00030	169.71	-98.99	0.00031
162.63	-106.07	0.00031	155.56	-113.14	0.00032
152.03	-116.67	0.00032	148.49	-120.21	0.00032
146.37	-122.33	0.00032	144.96	-123.74	0.00032
143.54	-125.16	0.00032	142.13	-126.57	0.00032
140.71	-127.99	0.00032	127.99	-140.71	0.00031
126.57	-142.13	0.00031	125.16	-143.54	0.00031
123.74	-144.96	0.00031	122.33	-146.37	0.00031
120.21	-148.49	0.00030	116.67	-152.03	0.00030
113.14	-155.56	0.00030	106.07	-162.63	0.00029
98.99	-169.71	0.00028	91.92	-176.78	0.00028
84.85	-183.85	0.00027	77.78	-190.92	0.00025
70.71	-197.99	0.00024	63.64	-205.06	0.00023
212.13	-70.71	0.00025	205.06	-77.78	0.00026
197.99	-84.85	0.00027	190.92	-91.92	0.00028
183.85	-98.99	0.00029	176.78	-106.07	0.00029
169.71	-113.14	0.00030	162.63	-120.21	0.00030
159.10	-123.74	0.00030	155.56	-127.28	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00030	152.03	-130.81	0.00030
150.61	-132.23	0.00030	149.20	-133.64	0.00030
147.79	-135.06	0.00030	135.06	-147.79	0.00030
133.64	-149.20	0.00029	132.23	-150.61	0.00029
130.81	-152.03	0.00029	129.40	-153.44	0.00029
127.28	-155.56	0.00029	123.74	-159.10	0.00029
120.21	-162.63	0.00029	113.14	-169.71	0.00028
106.07	-176.78	0.00027	98.99	-183.85	0.00026
91.92	-190.92	0.00025	84.85	-197.99	0.00024
77.78	-205.06	0.00023	70.71	-212.13	0.00022
219.20	-77.78	0.00024	212.13	-84.85	0.00025
205.06	-91.92	0.00026	197.99	-98.99	0.00027
190.92	-106.07	0.00028	183.85	-113.14	0.00028
176.78	-120.21	0.00028	169.71	-127.28	0.00029
166.17	-130.81	0.00029	162.63	-134.35	0.00029

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00029	159.10	-137.89	0.00029
157.68	-139.30	0.00029	156.27	-140.71	0.00029
154.86	-142.13	0.00029	142.13	-154.86	0.00028
140.71	-156.27	0.00028	139.30	-157.68	0.00028
137.89	-159.10	0.00028	136.47	-160.51	0.00028
134.35	-162.63	0.00028	130.81	-166.17	0.00027
127.28	-169.71	0.00027	120.21	-176.78	0.00027
113.14	-183.85	0.00026	106.07	-190.92	0.00025
98.99	-197.99	0.00024	91.92	-205.06	0.00024
84.85	-212.13	0.00023	77.78	-219.20	0.00021
226.27	-84.85	0.00023	219.20	-91.92	0.00024
212.13	-98.99	0.00025	205.06	-106.07	0.00026
197.99	-113.14	0.00026	190.92	-120.21	0.00027
183.85	-127.28	0.00027	176.78	-134.35	0.00027
173.24	-137.89	0.00027	169.71	-141.42	0.00027
167.58	-143.54	0.00027	166.17	-144.96	0.00027
164.76	-146.37	0.00027	163.34	-147.79	0.00027
161.93	-149.20	0.00027	149.20	-161.93	0.00027
147.79	-163.34	0.00027	146.37	-164.76	0.00027
144.96	-166.17	0.00027	143.54	-167.58	0.00027
141.42	-169.71	0.00026	137.89	-173.24	0.00026
134.35	-176.78	0.00026	127.28	-183.85	0.00026
120.21	-190.92	0.00025	113.14	-197.99	0.00024
106.07	-205.06	0.00023	98.99	-212.13	0.00023
91.92	-219.20	0.00022	84.85	-226.27	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00023	226.27	-98.99	0.00023
219.20	-106.07	0.00024	212.13	-113.14	0.00025
205.06	-120.21	0.00025	197.99	-127.28	0.00026
190.92	-134.35	0.00026	183.85	-141.42	0.00026
180.31	-144.96	0.00026	176.78	-148.49	0.00026
174.66	-150.61	0.00026	173.24	-152.03	0.00026
171.83	-153.44	0.00026	170.41	-154.86	0.00026
169.00	-156.27	0.00026	156.27	-169.00	0.00026
154.86	-170.41	0.00026	153.44	-171.83	0.00026

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00026	150.61	-174.66	0.00025
148.49	-176.78	0.00025	144.96	-180.31	0.00025
141.42	-183.85	0.00025	134.35	-190.92	0.00024
127.28	-197.99	0.00024	120.21	-205.06	0.00023
113.14	-212.13	0.00023	106.07	-219.20	0.00022
98.99	-226.27	0.00021	91.92	-233.35	0.00020
240.42	-98.99	0.00022	233.35	-106.07	0.00023
226.27	-113.14	0.00023	219.20	-120.21	0.00024
212.13	-127.28	0.00024	205.06	-134.35	0.00025
197.99	-141.42	0.00025	190.92	-148.49	0.00025
187.38	-152.03	0.00025	183.85	-155.56	0.00025
181.73	-157.68	0.00025	180.31	-159.10	0.00025
178.90	-160.51	0.00025	177.48	-161.93	0.00025
176.07	-163.34	0.00025	163.34	-176.07	0.00025
161.93	-177.48	0.00025	160.51	-178.90	0.00024
159.10	-180.31	0.00024	157.68	-181.73	0.00024
155.56	-183.85	0.00024	152.03	-187.38	0.00024
148.49	-190.92	0.00024	141.42	-197.99	0.00023
134.35	-205.06	0.00023	127.28	-212.13	0.00022
120.21	-219.20	0.00022	113.14	-226.27	0.00021
106.07	-233.35	0.00020	98.99	-240.42	0.00019
247.49	-106.07	0.00021	240.42	-113.14	0.00022
233.35	-120.21	0.00022	226.27	-127.28	0.00023
219.20	-134.35	0.00023	212.13	-141.42	0.00024
205.06	-148.49	0.00024	197.99	-155.56	0.00024
194.45	-159.10	0.00024	190.92	-162.63	0.00024
188.80	-164.76	0.00024	187.38	-166.17	0.00024
185.97	-167.58	0.00024	184.55	-169.00	0.00024
183.14	-170.41	0.00024	170.41	-183.14	0.00024
169.00	-184.55	0.00024	167.58	-185.97	0.00023
166.17	-187.38	0.00023	164.76	-188.80	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00023	159.10	-194.45	0.00023
155.56	-197.99	0.00023	148.49	-205.06	0.00022
141.42	-212.13	0.00022	134.35	-219.20	0.00022

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00021	120.21	-233.35	0.00020
113.14	-240.42	0.00020	106.07	-247.49	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00037	-113.14	240.42	0.00042
-120.21	233.35	0.00048	-127.28	226.27	0.00056
-134.35	219.20	0.00065	-141.42	212.13	0.00077
-148.49	205.06	0.00092	-155.56	197.99	0.00114
-159.10	194.45	0.00129	-162.63	190.92	0.00146
-164.76	188.80	0.00158	-166.17	187.38	0.00166
-167.58	185.97	0.00174	-169.00	184.55	0.00183
-170.41	183.14	0.00191	-183.14	170.41	0.00213
-184.55	169.00	0.00211	-185.97	167.58	0.00209
-187.38	166.17	0.00206	-188.80	164.76	0.00203
-190.92	162.63	0.00197	-194.45	159.10	0.00186
-197.99	155.56	0.00174	-205.06	148.49	0.00152
-212.13	141.42	0.00135	-219.20	134.35	0.00120
-226.27	127.28	0.00108	-233.35	120.21	0.00098
-240.42	113.14	0.00089	-247.49	106.07	0.00081
-98.99	240.42	0.00039	-106.07	233.35	0.00044
-113.14	226.27	0.00051	-120.21	219.20	0.00058
-127.28	212.13	0.00068	-134.35	205.06	0.00081
-141.42	197.99	0.00098	-148.49	190.92	0.00122
-152.03	187.38	0.00138	-155.56	183.85	0.00159
-157.68	181.73	0.00174	-159.10	180.31	0.00185
-160.51	178.90	0.00197	-161.93	177.48	0.00209
-163.34	176.07	0.00223	-176.07	163.34	0.00257
-177.48	161.93	0.00252	-178.90	160.51	0.00245
-180.31	159.10	0.00238	-181.73	157.68	0.00231
-183.85	155.56	0.00221	-187.38	152.03	0.00204
-190.92	148.49	0.00189	-197.99	141.42	0.00165
-205.06	134.35	0.00145	-212.13	127.28	0.00129
-219.20	120.21	0.00115	-226.27	113.14	0.00103
-233.35	106.07	0.00094	-240.42	98.99	0.00085
-91.92	233.35	0.00040	-98.99	226.27	0.00046
-106.07	219.20	0.00053	-113.14	212.13	0.00061

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00072	-127.28	197.99	0.00086
-134.35	190.92	0.00105	-141.42	183.85	0.00132
-144.96	180.31	0.00150	-148.49	176.78	0.00173
-150.61	174.66	0.00189	-152.03	173.24	0.00202
-153.44	171.83	0.00217	-154.86	170.41	0.00233
-156.27	169.00	0.00252	-169.00	156.27	0.00301
-170.41	154.86	0.00287	-171.83	153.44	0.00275
-173.24	152.03	0.00264	-174.66	150.61	0.00255

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00241	-180.31	144.96	0.00222
-183.85	141.42	0.00205	-190.92	134.35	0.00178
-197.99	127.28	0.00155	-205.06	120.21	0.00137
-212.13	113.14	0.00122	-219.20	106.07	0.00109
-226.27	99.00	0.00098	-233.35	91.92	0.00089
-84.85	226.27	0.00042	-91.92	219.20	0.00048
-98.99	212.13	0.00055	-106.07	205.06	0.00064
-113.14	197.99	0.00076	-120.21	190.92	0.00092
-127.28	183.85	0.00113	-134.35	176.78	0.00144
-137.89	173.24	0.00165	-141.42	169.71	0.00192
-143.54	167.58	0.00212	-144.96	166.17	0.00228
-146.37	164.76	0.00246	-147.79	163.34	0.00270
-149.20	161.93	0.00299	-161.93	149.20	0.00342
-163.34	147.79	0.00320	-164.76	146.37	0.00304
-166.17	144.96	0.00290	-167.58	143.54	0.00278
-169.71	141.42	0.00262	-173.24	137.89	0.00239
-176.78	134.35	0.00220	-183.85	127.28	0.00190
-190.92	120.21	0.00165	-197.99	113.14	0.00145
-205.06	106.07	0.00128	-212.13	99.00	0.00114
-219.20	91.92	0.00103	-226.27	84.85	0.00093
-77.78	219.20	0.00044	-84.85	212.13	0.00050
-91.92	205.06	0.00058	-98.99	197.99	0.00068
-106.07	190.92	0.00081	-113.14	183.85	0.00099
-120.21	176.78	0.00125	-127.28	169.71	0.00165
-130.81	166.17	0.00195	-134.35	162.63	0.00238
-136.47	160.51	0.00274	-137.89	159.10	0.00305

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00343	-140.71	156.27	0.00392
-142.13	154.86	0.00458	-154.86	142.13	0.00421
-156.27	140.71	0.00380	-157.68	139.30	0.00351
-159.10	137.89	0.00328	-160.51	136.47	0.00310
-162.63	134.35	0.00288	-166.17	130.81	0.00260
-169.71	127.28	0.00238	-176.78	120.21	0.00203
-183.85	113.14	0.00175	-190.92	106.07	0.00153
-197.99	99.00	0.00134	-205.06	91.92	0.00119
-212.13	84.85	0.00107	-219.20	77.78	0.00096
-70.71	212.13	0.00046	-77.78	205.06	0.00053
-84.85	197.99	0.00062	-91.92	190.92	0.00073
-98.99	183.85	0.00089	-106.07	176.78	0.00111
-113.14	169.71	0.00144	-120.21	162.63	0.00201
-123.74	159.10	0.00248	-127.28	155.56	0.00316

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00373	-130.81	152.03	0.00420
-132.23	150.61	0.00477	-133.64	149.20	0.00546
-135.06	147.79	0.00633	-147.79	135.06	0.00524
-149.20	133.64	0.00465	-150.61	132.23	0.00422
-152.03	130.81	0.00389	-153.44	129.40	0.00362
-155.56	127.28	0.00330	-159.10	123.74	0.00289
-162.63	120.21	0.00260	-169.71	113.14	0.00218
-176.78	106.07	0.00186	-183.85	98.99	0.00162
-190.92	91.92	0.00141	-197.99	84.85	0.00125
-205.06	77.78	0.00111	-212.13	70.71	0.00100
-63.64	205.06	0.00048	-70.71	197.99	0.00056
-77.78	190.92	0.00067	-84.85	183.85	0.00080
-91.92	176.78	0.00099	-98.99	169.71	0.00127
-106.07	162.63	0.00171	-113.14	155.56	0.00249
-116.67	152.03	0.00312	-120.21	148.49	0.00402
-122.33	146.37	0.00475	-123.74	144.96	0.00534
-125.16	143.54	0.00603	-126.57	142.13	0.00683
-127.99	140.71	0.00779	-140.71	127.99	0.00627
-142.13	126.57	0.00555	-143.54	125.16	0.00500
-144.96	123.74	0.00457	-146.37	122.33	0.00422

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00380	-152.03	116.67	0.00328
-155.56	113.14	0.00289	-162.63	106.07	0.00235
-169.71	98.99	0.00198	-176.78	91.92	0.00171
-183.85	84.85	0.00149	-190.92	77.78	0.00131
-197.99	70.71	0.00116	-205.06	63.64	0.00104
-56.57	197.99	0.00052	-63.64	190.92	0.00061
-70.71	183.85	0.00073	-77.78	176.78	0.00089
-84.85	169.71	0.00112	-91.92	162.63	0.00146
-98.99	155.56	0.00202	-106.07	148.49	0.00301
-109.60	144.96	0.00378	-113.14	141.42	0.00485
-115.26	139.30	0.00568	-116.67	137.89	0.00633
-118.09	136.47	0.00709	-119.50	135.06	0.00795
-120.92	133.64	0.00896	-133.64	120.92	0.00719
-135.06	119.50	0.00639	-136.47	118.09	0.00576
-137.89	116.67	0.00525	-139.30	115.26	0.00483
-141.42	113.14	0.00432	-144.96	109.60	0.00369
-148.49	106.07	0.00323	-155.56	98.99	0.00257
-162.63	91.92	0.00212	-169.71	84.85	0.00180
-176.78	77.78	0.00156	-183.85	70.71	0.00137
-190.92	63.64	0.00121	-197.99	56.57	0.00108

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00056	-56.57	183.85	0.00066
-63.64	176.78	0.00080	-70.71	169.71	0.00099
-77.78	162.63	0.00126	-84.85	155.56	0.00168
-91.92	148.49	0.00236	-98.99	141.42	0.00351
-102.53	137.89	0.00439	-106.07	134.35	0.00557
-108.19	132.23	0.00647	-109.60	130.81	0.00717
-111.02	129.40	0.00796	-112.43	127.99	0.00885
-113.84	126.57	0.00989	-126.57	113.84	0.00797
-127.99	112.43	0.00712	-129.40	111.02	0.00644
-130.81	109.60	0.00588	-132.23	108.19	0.00541
-134.35	106.07	0.00482	-137.89	102.53	0.00410
-141.42	98.99	0.00356	-148.49	91.92	0.00280
-155.56	84.85	0.00229	-162.63	77.78	0.00191
-169.71	70.71	0.00164	-176.78	63.64	0.00143

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00126	-190.92	49.50	0.00112
-42.43	183.85	0.00060	-49.50	176.78	0.00072
-56.57	169.71	0.00088	-63.64	162.63	0.00110
-70.71	155.56	0.00143	-77.78	148.49	0.00192
-84.85	141.42	0.00269	-91.92	134.35	0.00397
-95.46	130.81	0.00493	-98.99	127.28	0.00619
-101.12	125.16	0.00714	-102.53	123.74	0.00786
-103.94	122.33	0.00867	-105.36	120.92	0.00959
-106.77	119.50	0.01064	-119.50	106.77	0.00863
-120.92	105.36	0.00773	-122.33	103.94	0.00703
-123.74	102.53	0.00643	-125.16	101.12	0.00592
-127.28	98.99	0.00529	-130.81	95.46	0.00448
-134.35	91.92	0.00388	-141.42	84.85	0.00303
-148.49	77.78	0.00246	-155.56	70.71	0.00204
-162.63	63.64	0.00173	-169.71	56.57	0.00149
-176.78	49.50	0.00131	-183.85	42.43	0.00116
-35.36	176.78	0.00065	-42.43	169.71	0.00079
-49.50	162.63	0.00097	-56.57	155.56	0.00123
-63.64	148.49	0.00160	-70.71	141.42	0.00215
-77.78	134.35	0.00300	-84.85	127.28	0.00439
-88.39	123.74	0.00540	-91.92	120.21	0.00672
-94.05	118.09	0.00769	-95.46	116.67	0.00843
-96.87	115.26	0.00926	-98.29	113.84	0.01019
-99.70	112.43	0.01125	-112.43	99.70	0.00918
-113.84	98.29	0.00826	-115.26	96.87	0.00752
-116.67	95.46	0.00691	-118.09	94.05	0.00638

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
 PAGE 127  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00571	-123.74	88.39	0.00484
-127.28	84.85	0.00418	-134.35	77.78	0.00325
-141.42	70.71	0.00263	-148.49	63.64	0.00217
-155.56	56.57	0.00182	-162.63	49.50	0.00156
-169.71	42.43	0.00136	-176.78	35.36	0.00120
-28.28	169.71	0.00071	-35.36	162.63	0.00086
-42.43	155.56	0.00107	-49.50	148.49	0.00135
-56.57	141.42	0.00176	-63.64	134.35	0.00237



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00330	-77.78	120.21	0.00476
-81.32	116.67	0.00582	-84.85	113.14	0.00716
-86.97	111.02	0.00815	-88.39	109.60	0.00891
-89.80	108.19	0.00974	-91.22	106.77	0.01069
-92.63	105.36	0.01176	-105.36	92.63	0.00964
-106.77	91.22	0.00871	-108.19	89.80	0.00795
-109.60	88.39	0.00732	-111.02	86.97	0.00677
-113.14	84.85	0.00608	-116.67	81.32	0.00516
-120.21	77.78	0.00446	-127.28	70.71	0.00346
-134.35	63.64	0.00278	-141.42	56.57	0.00230
-148.49	49.50	0.00192	-155.56	42.43	0.00164
-162.63	35.36	0.00142	-169.71	28.28	0.00124
-21.21	162.63	0.00077	-28.28	155.56	0.00094
-35.36	148.49	0.00117	-42.43	141.42	0.00148
-49.50	134.35	0.00193	-56.57	127.28	0.00258
-63.64	120.21	0.00357	-70.71	113.14	0.00509
-74.25	109.60	0.00617	-77.78	106.07	0.00754
-79.90	103.94	0.00855	-81.32	102.53	0.00931
-82.73	101.12	0.01015	-84.15	99.70	0.01110
-85.56	98.29	0.01218	-98.29	85.56	0.01002
-99.70	84.15	0.00909	-101.12	82.73	0.00831
-102.53	81.32	0.00767	-103.94	79.90	0.00711
-106.07	77.78	0.00640	-109.60	74.25	0.00545
-113.14	70.71	0.00471	-120.21	63.64	0.00365
-127.28	56.57	0.00294	-134.35	49.50	0.00242
-141.42	42.43	0.00202	-148.49	35.36	0.00172
-155.56	28.28	0.00148	-162.63	21.21	0.00129
-14.14	155.56	0.00083	-21.21	148.49	0.00102
-28.28	141.42	0.00126	-35.36	134.35	0.00161
-42.43	127.28	0.00209	-49.50	120.21	0.00278
-56.57	113.14	0.00381	-63.64	106.07	0.00538
-67.18	102.53	0.00648	-70.71	98.99	0.00787

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00889	-74.25	95.46	0.00965
-75.66	94.05	0.01050	-77.07	92.63	0.01145

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01252	-91.22	78.49	0.01031
-92.63	77.07	0.00939	-94.05	75.66	0.00863
-95.46	74.25	0.00798	-96.87	72.83	0.00741
-98.99	70.71	0.00668	-102.53	67.18	0.00571
-106.07	63.64	0.00494	-113.14	56.57	0.00384
-120.21	49.50	0.00308	-127.28	42.43	0.00253
-134.35	35.36	0.00212	-141.42	28.28	0.00179
-148.49	21.21	0.00154	-155.56	14.14	0.00134
-7.07	148.49	0.00089	-14.14	141.42	0.00109
-21.21	134.35	0.00136	-28.28	127.28	0.00173
-35.36	120.21	0.00224	-42.43	113.14	0.00297
-49.50	106.07	0.00403	-56.57	98.99	0.00564
-60.10	95.46	0.00675	-63.64	91.92	0.00816
-65.76	89.80	0.00918	-67.18	88.39	0.00995
-68.59	86.97	0.01080	-70.00	85.56	0.01174
-71.42	84.15	0.01281	-84.15	71.42	0.01058
-85.56	70.00	0.00966	-86.97	68.59	0.00890
-88.39	67.18	0.00824	-89.80	65.76	0.00767
-91.92	63.64	0.00693	-95.46	60.10	0.00594
-98.99	56.57	0.00516	-106.07	49.50	0.00401
-113.14	42.43	0.00321	-120.21	35.36	0.00264
-127.28	28.28	0.00220	-134.35	21.21	0.00187
-141.42	14.14	0.00160	-148.49	7.07	0.00139
0.00	141.42	0.00096	-7.07	134.35	0.00117
-14.14	127.28	0.00146	-21.21	120.21	0.00185
-28.28	113.14	0.00238	-35.36	106.07	0.00313
-42.43	98.99	0.00423	-49.50	91.92	0.00586
-53.03	88.39	0.00699	-56.57	84.85	0.00840
-58.69	82.73	0.00943	-60.10	81.32	0.01019
-61.52	79.90	0.01105	-62.93	78.49	0.01199
-64.35	77.07	0.01306	-77.07	64.35	0.01083
-78.49	62.93	0.00989	-79.90	61.52	0.00913
-81.32	60.10	0.00846	-82.73	58.69	0.00789
-84.85	56.57	0.00715	-88.39	53.03	0.00614
-91.92	49.50	0.00534	-98.99	42.43	0.00416
-106.07	35.36	0.00334	-113.14	28.28	0.00274
-120.21	21.21	0.00229	-127.28	14.14	0.00194
-134.35	7.07	0.00166	-141.42	0.00	0.00144

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00102	0.00	127.28	0.00125
-7.07	120.21	0.00155	-14.14	113.14	0.00196
-21.21	106.07	0.00251	-28.28	98.99	0.00329
-35.36	91.92	0.00440	-42.43	84.85	0.00606
-45.96	81.32	0.00719	-49.50	77.78	0.00861
-51.62	75.66	0.00964	-53.03	74.25	0.01041
-54.45	72.83	0.01126	-55.86	71.42	0.01221
-57.28	70.00	0.01328	-70.00	57.28	0.01103
-71.42	55.86	0.01010	-72.83	54.45	0.00933
-74.25	53.03	0.00866	-75.66	51.62	0.00808
-77.78	49.50	0.00734	-81.32	45.96	0.00632
-84.85	42.43	0.00551	-91.92	35.36	0.00431
-98.99	28.28	0.00346	-106.07	21.21	0.00283
-113.14	14.14	0.00237	-120.21	7.07	0.00200
-127.28	0.00	0.00172	-134.35	-7.07	0.00149
14.14	127.28	0.00109	7.07	120.21	0.00132
0.00	113.14	0.00164	-7.07	106.07	0.00206
-14.14	98.99	0.00264	-21.21	91.92	0.00343
-28.28	84.85	0.00456	-35.36	77.78	0.00624
-38.89	74.25	0.00737	-42.43	70.71	0.00880
-44.55	68.59	0.00983	-45.96	67.18	0.01060
-47.38	65.76	0.01146	-48.79	64.35	0.01240
-50.20	62.93	0.01347	-62.93	50.20	0.01122
-64.35	48.79	0.01028	-65.76	47.38	0.00951
-67.18	45.96	0.00884	-68.59	44.55	0.00826
-70.71	42.43	0.00750	-74.25	38.89	0.00648
-77.78	35.36	0.00566	-84.85	28.28	0.00444
-91.92	21.21	0.00356	-98.99	14.14	0.00292
-106.07	7.07	0.00244	-113.14	0.00	0.00207
-120.21	-7.07	0.00177	-127.28	-14.14	0.00153
21.21	120.21	0.00115	14.14	113.14	0.00140
7.07	106.07	0.00173	0.00	98.99	0.00216
-7.07	91.92	0.00275	-14.14	84.85	0.00356
-21.21	77.78	0.00471	-28.28	70.71	0.00639
-31.82	67.18	0.00753	-35.36	63.64	0.00897
-37.48	61.52	0.01000	-38.89	60.10	0.01077
-40.31	58.69	0.01162	-41.72	57.28	0.01257
-43.13	55.86	0.01364	-55.86	43.13	0.01139
-57.28	41.72	0.01044	-58.69	40.31	0.00966
-60.10	38.89	0.00899	-61.52	37.48	0.00841

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00765	-67.18	31.82	0.00662
-70.71	28.28	0.00580	-77.78	21.21	0.00455
-84.85	14.14	0.00367	-91.92	7.07	0.00301
-98.99	0.00	0.00251	-106.07	-7.07	0.00213
-113.14	-14.14	0.00182	-120.21	-21.21	0.00157
28.28	113.14	0.00121	21.21	106.07	0.00147
14.14	98.99	0.00181	7.07	91.92	0.00225
0.00	84.85	0.00285	-7.07	77.78	0.00368
-14.14	70.71	0.00483	-21.21	63.64	0.00652
-24.75	60.10	0.00768	-28.28	56.57	0.00911
-30.41	54.45	0.01015	-31.82	53.03	0.01092
-33.23	51.62	0.01177	-34.65	50.20	0.01272
-36.06	48.79	0.01380	-48.79	36.06	0.01154
-50.20	34.65	0.01059	-51.62	33.23	0.00980
-53.03	31.82	0.00913	-54.45	30.41	0.00855
-56.57	28.28	0.00778	-60.10	24.75	0.00675
-63.64	21.21	0.00592	-70.71	14.14	0.00466
-77.78	7.07	0.00376	-84.85	0.00	0.00309
-91.92	-7.07	0.00258	-98.99	-14.14	0.00218
-106.07	-21.21	0.00187	-113.14	-28.28	0.00161
35.36	106.07	0.00126	28.28	98.99	0.00153
21.21	91.92	0.00188	14.14	84.85	0.00234
7.07	77.78	0.00295	0.00	70.71	0.00378
-7.07	63.64	0.00495	-14.14	56.57	0.00665
-17.68	53.03	0.00781	-21.21	49.50	0.00924
-23.33	47.38	0.01027	-24.75	45.96	0.01105
-26.16	44.55	0.01190	-27.58	43.13	0.01286
-28.99	41.72	0.01393	-41.72	28.99	0.01168
-43.13	27.58	0.01071	-44.55	26.16	0.00992
-45.96	24.75	0.00925	-47.38	23.33	0.00866
-49.50	21.21	0.00790	-53.03	17.68	0.00686
-56.57	14.14	0.00602	-63.64	7.07	0.00476
-70.71	0.00	0.00384	-77.78	-7.07	0.00316
-84.85	-14.14	0.00264	-91.92	-21.21	0.00223

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00191	-106.07	-35.36	0.00165
42.43	98.99	0.00132	35.36	91.92	0.00160
28.28	84.85	0.00195	21.21	77.78	0.00242
14.14	70.71	0.00304	7.07	63.64	0.00388
0.00	56.57	0.00506	-7.07	49.50	0.00676
-10.61	45.96	0.00792	-14.14	42.43	0.00935

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.01039	-17.68	38.89	0.01116
-19.09	37.48	0.01201	-20.51	36.06	0.01298
-21.92	34.65	0.01406	-34.65	21.92	0.01179
-36.06	20.51	0.01084	-37.48	19.09	0.01003
-38.89	17.68	0.00936	-40.31	16.26	0.00877
-42.43	14.14	0.00801	-45.96	10.61	0.00696
-49.50	7.07	0.00612	-56.57	0.00	0.00485
-63.64	-7.07	0.00392	-70.71	-14.14	0.00323
-77.78	-21.21	0.00270	-84.85	-28.28	0.00228
-91.92	-35.36	0.00195	-98.99	-42.43	0.00169
49.50	91.92	0.00137	42.43	84.85	0.00166
35.36	77.78	0.00202	28.28	70.71	0.00249
21.21	63.64	0.00312	14.14	56.57	0.00397
7.07	49.50	0.00515	0.00	42.43	0.00686
-3.54	38.89	0.00802	-7.07	35.36	0.00946
-9.19	33.23	0.01049	-10.61	31.82	0.01127
-12.02	30.41	0.01212	-13.44	28.99	0.01308
-14.85	27.58	0.01415	-27.58	14.85	0.01186
-28.99	13.44	0.01092	-30.41	12.02	0.01014
-31.82	10.61	0.00946	-33.23	9.19	0.00887
-35.36	7.07	0.00810	-38.89	3.54	0.00706
-42.43	0.00	0.00621	-49.50	-7.07	0.00493
-56.57	-14.14	0.00399	-63.64	-21.21	0.00329
-70.71	-28.28	0.00275	-77.78	-35.36	0.00233
-84.85	-42.43	0.00199	-91.92	-49.50	0.00172
56.57	84.85	0.00142	49.50	77.78	0.00171
42.43	70.71	0.00208	35.36	63.64	0.00256
28.28	56.57	0.00319	21.21	49.50	0.00405

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00524	7.07	35.36	0.00695
3.54	31.82	0.00811	0.00	28.28	0.00955
-2.12	26.16	0.01059	-3.54	24.75	0.01137
-4.95	23.33	0.01222	-6.36	21.92	0.01316
-7.78	20.51	0.01424	-20.51	7.78	0.01194
-21.92	6.36	0.01100	-23.33	4.95	0.01022
-24.75	3.54	0.00955	-26.16	2.12	0.00895
-28.28	0.00	0.00819	-31.82	-3.54	0.00714
-35.36	-7.07	0.00629	-42.43	-14.14	0.00500
-49.50	-21.21	0.00406	-56.57	-28.28	0.00335
-63.64	-35.36	0.00280	-70.71	-42.43	0.00237
-77.78	-49.50	0.00203	-84.85	-56.57	0.00175

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00147	56.57	70.71	0.00177
49.50	63.64	0.00214	42.43	56.57	0.00263
35.36	49.50	0.00326	28.28	42.43	0.00412
21.21	35.36	0.00531	14.14	28.28	0.00704
10.61	24.75	0.00819	7.07	21.21	0.00964
4.95	19.09	0.01067	3.54	17.68	0.01144
2.12	16.26	0.01230	0.71	14.85	0.01324
-0.71	13.44	0.01431	-13.44	0.71	0.01202
-14.85	-0.71	0.01108	-16.26	-2.12	0.01029
-17.68	-3.54	0.00962	-19.09	-4.95	0.00903
-21.21	-7.07	0.00826	-24.75	-10.61	0.00721
-28.28	-14.14	0.00636	-35.36	-21.21	0.00507
-42.43	-28.28	0.00412	-49.50	-35.36	0.00340
-56.57	-42.43	0.00285	-63.64	-49.50	0.00241
-70.71	-56.57	0.00206	-77.78	-63.64	0.00178
70.71	70.71	0.00152	63.64	63.64	0.00182
56.57	56.57	0.00220	49.50	49.50	0.00268
42.43	42.43	0.00332	35.36	35.36	0.00419
28.28	28.28	0.00538	21.21	21.21	0.00711
17.68	17.68	0.00827	14.14	14.14	0.00971
12.02	12.02	0.01074	10.61	10.61	0.01151
9.19	9.19	0.01237	7.78	7.78	0.01332

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01439	-6.36	-6.36	0.01209
-7.78	-7.78	0.01114	-9.19	-9.19	0.01036
-10.61	-10.61	0.00968	-12.02	-12.02	0.00909
-14.14	-14.14	0.00833	-17.68	-17.68	0.00727
-21.21	-21.21	0.00642	-28.28	-28.28	0.00512
-35.36	-35.36	0.00417	-42.43	-42.43	0.00345
-49.50	-49.50	0.00289	-56.57	-56.57	0.00244
-63.64	-63.64	0.00209	-70.71	-70.71	0.00180
77.78	63.64	0.00156	70.71	56.57	0.00186
63.64	49.50	0.00225	56.57	42.43	0.00274
49.50	35.36	0.00338	42.43	28.28	0.00425
35.36	21.21	0.00545	28.28	14.14	0.00717
24.75	10.61	0.00833	21.21	7.07	0.00977
19.09	4.95	0.01080	17.68	3.54	0.01158
16.26	2.12	0.01244	14.85	0.71	0.01338
13.44	-0.71	0.01445	0.71	-13.44	0.01216
-0.71	-14.85	0.01120	-2.12	-16.26	0.01042
-3.54	-17.68	0.00974	-4.95	-19.09	0.00915

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:39:36  
 \*\*MODELOPTs:  
 PAGE 133

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00838	-10.61	-24.75	0.00733
-14.14	-28.28	0.00648	-21.21	-35.36	0.00517
-28.28	-42.43	0.00422	-35.36	-49.50	0.00349
-42.43	-56.57	0.00292	-49.50	-63.64	0.00248
-56.57	-70.71	0.00212	-63.64	-77.78	0.00183
84.85	56.57	0.00160	77.78	49.50	0.00191
70.71	42.43	0.00229	63.64	35.36	0.00279
56.57	28.28	0.00343	49.50	21.21	0.00430
42.43	14.14	0.00550	35.36	7.07	0.00723
31.82	3.54	0.00838	28.28	0.00	0.00983
26.16	-2.12	0.01086	24.75	-3.54	0.01164
23.33	-4.95	0.01249	21.92	-6.36	0.01343
20.51	-7.78	0.01451	7.78	-20.51	0.01222
6.36	-21.92	0.01126	4.95	-23.33	0.01047
3.54	-24.75	0.00980	2.12	-26.16	0.00921
0.00	-28.28	0.00843	-3.54	-31.82	0.00738

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00653	-14.14	-42.43	0.00522
-21.21	-49.50	0.00426	-28.28	-56.57	0.00353
-35.36	-63.64	0.00296	-42.43	-70.71	0.00250
-49.50	-77.78	0.00214	-56.57	-84.85	0.00185
91.92	49.50	0.00164	84.85	42.43	0.00195
77.78	35.36	0.00234	70.71	28.28	0.00283
63.64	21.21	0.00348	56.57	14.14	0.00435
49.50	7.07	0.00555	42.43	0.00	0.00727
38.89	-3.54	0.00843	35.36	-7.07	0.00988
33.23	-9.19	0.01091	31.82	-10.61	0.01169
30.41	-12.02	0.01254	28.99	-13.44	0.01349
27.58	-14.85	0.01456	14.85	-27.58	0.01228
13.44	-28.99	0.01131	12.02	-30.41	0.01052
10.61	-31.82	0.00984	9.19	-33.23	0.00925
7.07	-35.36	0.00848	3.54	-38.89	0.00742
0.00	-42.43	0.00657	-7.07	-49.50	0.00526
-14.14	-56.57	0.00429	-21.21	-63.64	0.00356
-28.28	-70.71	0.00298	-35.36	-77.78	0.00253
-42.43	-84.85	0.00216	-49.50	-91.92	0.00187
98.99	42.43	0.00168	91.92	35.36	0.00199
84.85	28.28	0.00238	77.78	21.21	0.00287
70.71	14.14	0.00352	63.64	7.07	0.00439
56.57	0.00	0.00559	49.50	-7.07	0.00731
45.96	-10.61	0.00848	42.43	-14.14	0.00992

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.01095	38.89	-17.68	0.01173
37.48	-19.09	0.01258	36.06	-20.51	0.01354
34.65	-21.92	0.01461	21.92	-34.65	0.01233
20.51	-36.06	0.01136	19.09	-37.48	0.01055
17.68	-38.89	0.00988	16.26	-40.31	0.00929
14.14	-42.43	0.00851	10.61	-45.96	0.00745
7.07	-49.50	0.00660	0.00	-56.57	0.00529
-7.07	-63.64	0.00432	-14.14	-70.71	0.00359
-21.21	-77.78	0.00301	-28.28	-84.85	0.00255
-35.36	-91.92	0.00218	-42.43	-98.99	0.00188



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00171	98.99	28.28	0.00202
91.92	21.21	0.00241	84.85	14.14	0.00291
77.78	7.07	0.00356	70.71	0.00	0.00443
63.64	-7.07	0.00563	56.57	-14.14	0.00735
53.03	-17.68	0.00851	49.50	-21.21	0.00995
47.38	-23.33	0.01099	45.96	-24.75	0.01176
44.55	-26.16	0.01261	43.13	-27.58	0.01358
41.72	-28.99	0.01465	28.99	-41.72	0.01236
27.58	-43.13	0.01140	26.16	-44.55	0.01059
24.75	-45.96	0.00991	23.33	-47.38	0.00932
21.21	-49.50	0.00854	17.68	-53.03	0.00749
14.14	-56.57	0.00663	7.07	-63.64	0.00532
0.00	-70.71	0.00435	-7.07	-77.78	0.00361
-14.14	-84.85	0.00303	-21.21	-91.92	0.00257
-28.28	-98.99	0.00220	-35.36	-106.07	0.00189
113.14	28.28	0.00174	106.07	21.21	0.00205
98.99	14.14	0.00245	91.92	7.07	0.00295
84.85	0.00	0.00360	77.78	-7.07	0.00447
70.71	-14.14	0.00566	63.64	-21.21	0.00738
60.10	-24.75	0.00855	56.57	-28.28	0.00998
54.45	-30.41	0.01102	53.03	-31.82	0.01180
51.62	-33.23	0.01265	50.20	-34.65	0.01360
48.79	-36.06	0.01467	36.06	-48.79	0.01235
34.65	-50.20	0.01141	33.23	-51.62	0.01062
31.82	-53.03	0.00994	30.41	-54.45	0.00935
28.28	-56.57	0.00857	24.75	-60.10	0.00751
21.21	-63.64	0.00665	14.14	-70.71	0.00534
7.07	-77.78	0.00437	0.00	-84.85	0.00362
-7.07	-91.92	0.00304	-14.14	-98.99	0.00258
-21.21	-106.07	0.00221	-28.28	-113.14	0.00190

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00177	113.14	14.14	0.00209
106.07	7.07	0.00248	98.99	0.00	0.00298
91.92	-7.07	0.00363	84.85	-14.14	0.00449
77.78	-21.21	0.00569	70.71	-28.28	0.00741

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00857	63.64	-35.36	0.01001
61.52	-37.48	0.01104	60.10	-38.89	0.01182
58.69	-40.31	0.01267	57.28	-41.72	0.01361
55.86	-43.13	0.01469	43.13	-55.86	0.01236
41.72	-57.28	0.01142	40.31	-58.69	0.01063
38.89	-60.10	0.00996	37.48	-61.52	0.00936
35.36	-63.64	0.00859	31.82	-67.18	0.00752
28.28	-70.71	0.00667	21.21	-77.78	0.00535
14.14	-84.85	0.00438	7.07	-91.92	0.00364
0.00	-98.99	0.00305	-7.07	-106.07	0.00259
-14.14	-113.14	0.00221	-21.21	-120.21	0.00191
127.28	14.14	0.00180	120.21	7.07	0.00211
113.14	0.00	0.00251	106.07	-7.07	0.00300
98.99	-14.14	0.00365	91.92	-21.21	0.00452
84.85	-28.28	0.00571	77.78	-35.36	0.00743
74.25	-38.89	0.00859	70.71	-42.43	0.01002
68.59	-44.55	0.01106	67.18	-45.96	0.01183
65.76	-47.38	0.01268	64.35	-48.79	0.01363
62.93	-50.20	0.01470	50.20	-62.93	0.01237
48.79	-64.35	0.01143	47.38	-65.76	0.01064
45.96	-67.18	0.00996	44.55	-68.59	0.00937
42.43	-70.71	0.00860	38.89	-74.25	0.00753
35.36	-77.78	0.00668	28.28	-84.85	0.00536
21.21	-91.92	0.00439	14.14	-98.99	0.00364
7.07	-106.07	0.00306	0.00	-113.14	0.00259
-7.07	-120.21	0.00222	-14.14	-127.28	0.00192
134.35	7.07	0.00183	127.28	0.00	0.00214
120.21	-7.07	0.00253	113.14	-14.14	0.00303
106.07	-21.21	0.00368	98.99	-28.28	0.00454
91.92	-35.36	0.00573	84.85	-42.43	0.00744
81.32	-45.96	0.00860	77.78	-49.50	0.01003
75.66	-51.62	0.01106	74.25	-53.03	0.01183
72.83	-54.45	0.01269	71.42	-55.86	0.01363
70.00	-57.28	0.01470	57.28	-70.00	0.01238
55.86	-71.42	0.01143	54.45	-72.83	0.01064
53.03	-74.25	0.00996	51.62	-75.66	0.00937

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
 PAGE 136

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00860	45.96	-81.32	0.00753
42.43	-84.85	0.00668	35.36	-91.92	0.00536
28.28	-98.99	0.00439	21.21	-106.07	0.00364
14.14	-113.14	0.00306	7.07	-120.21	0.00259
0.00	-127.28	0.00222	-7.07	-134.35	0.00192
141.42	0.00	0.00185	134.35	-7.07	0.00216
127.28	-14.14	0.00256	120.21	-21.21	0.00305
113.14	-28.28	0.00369	106.07	-35.36	0.00455
98.99	-42.43	0.00574	91.92	-49.50	0.00745
88.39	-53.03	0.00860	84.85	-56.57	0.01003
82.73	-58.69	0.01106	81.32	-60.10	0.01183
79.90	-61.52	0.01269	78.49	-62.93	0.01363
77.07	-64.35	0.01470	64.35	-77.07	0.01238
62.93	-78.49	0.01142	61.52	-79.90	0.01064
60.10	-81.32	0.00996	58.69	-82.73	0.00936
56.57	-84.85	0.00859	53.03	-88.39	0.00753
49.50	-91.92	0.00667	42.43	-98.99	0.00535
35.36	-106.07	0.00438	28.28	-113.14	0.00363
21.21	-120.21	0.00305	14.14	-127.28	0.00259
7.07	-134.35	0.00222	0.00	-141.42	0.00192
148.49	-7.07	0.00187	141.42	-14.14	0.00219
134.35	-21.21	0.00258	127.28	-28.28	0.00307
120.21	-35.36	0.00371	113.14	-42.43	0.00457
106.07	-49.50	0.00575	98.99	-56.57	0.00745
95.46	-60.10	0.00859	91.92	-63.64	0.01003
89.80	-65.76	0.01106	88.39	-67.18	0.01183
86.97	-68.59	0.01268	85.56	-70.00	0.01362
84.15	-71.42	0.01469	71.42	-84.15	0.01237
70.00	-85.56	0.01140	68.59	-86.97	0.01062
67.18	-88.39	0.00994	65.76	-89.80	0.00934
63.64	-91.92	0.00857	60.10	-95.46	0.00751
56.57	-98.99	0.00665	49.50	-106.07	0.00533
42.43	-113.14	0.00436	35.36	-120.21	0.00362
28.28	-127.28	0.00304	21.21	-134.35	0.00258
14.14	-141.42	0.00222	7.07	-148.49	0.00192
155.56	-14.14	0.00189	148.49	-21.21	0.00221
141.42	-28.28	0.00260	134.35	-35.36	0.00309
127.28	-42.43	0.00372	120.21	-49.50	0.00457
113.14	-56.57	0.00575	106.07	-63.64	0.00744
102.53	-67.18	0.00858	98.99	-70.71	0.01001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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 \*\*MODELOPTS:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.01104	95.46	-74.25	0.01181	
94.05	-75.66	0.01265	92.63	-77.07	0.01360	
91.22	-78.49	0.01467	78.49	-91.22	0.01235	
77.07	-92.63	0.01138	75.66	-94.05	0.01059	
74.25	-95.46	0.00991	72.83	-96.87	0.00932	
70.71	-98.99	0.00854	67.18	-102.53	0.00748	
63.64	-106.07	0.00662	56.57	-113.14	0.00531	
49.50	-120.21	0.00434	42.43	-127.28	0.00360	
35.36	-134.35	0.00303	28.28	-141.42	0.00257	
21.21	-148.49	0.00221	14.14	-155.56	0.00192	
162.63	-21.21	0.00191	155.56	-28.28	0.00223	
148.49	-35.36	0.00261	141.42	-42.43	0.00310	
134.35	-49.50	0.00374	127.28	-56.57	0.00458	
120.21	-63.64	0.00574	113.14	-70.71	0.00742	
109.60	-74.25	0.00856	106.07	-77.78	0.00998	
103.94	-79.90	0.01101	102.53	-81.32	0.01177	
101.12	-82.73	0.01262	99.70	-84.15	0.01357	
98.29	-85.56	0.01464	85.56	-98.29	0.01232	
84.15	-99.70	0.01135	82.73	-101.12	0.01054	
81.32	-102.53	0.00987	79.90	-103.94	0.00927	
77.78	-106.07	0.00850	74.25	-109.60	0.00744	
70.71	-113.14	0.00658	63.64	-120.21	0.00527	
56.57	-127.28	0.00430	49.50	-134.35	0.00357	
42.43	-141.42	0.00301	35.36	-148.49	0.00256	
28.28	-155.56	0.00220	21.21	-162.63	0.00192	
169.71	-28.28	0.00193	162.63	-35.36	0.00224	
155.56	-42.43	0.00263	148.49	-49.50	0.00312	
141.42	-56.57	0.00374	134.35	-63.64	0.00458	
127.28	-70.71	0.00573	120.21	-77.78	0.00740	
116.67	-81.32	0.00853	113.14	-84.85	0.00994	
111.02	-86.97	0.01096	109.60	-88.39	0.01173	
108.19	-89.80	0.01257	106.77	-91.22	0.01353	
105.36	-92.63	0.01460	92.63	-105.36	0.01226	
91.22	-106.77	0.01130	89.80	-108.19	0.01049	
88.39	-109.60	0.00981	86.97	-111.02	0.00921	
84.85	-113.14	0.00844	81.32	-116.67	0.00738	

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00652	70.71	-127.28	0.00522
63.64	-134.35	0.00426	56.57	-141.42	0.00354
49.50	-148.49	0.00298	42.43	-155.56	0.00255
35.36	-162.63	0.00220	28.28	-169.71	0.00191

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00195	169.71	-42.43	0.00226
162.63	-49.50	0.00264	155.56	-56.57	0.00313
148.49	-63.64	0.00375	141.42	-70.71	0.00458
134.35	-77.78	0.00572	127.28	-84.85	0.00737
123.74	-88.39	0.00849	120.21	-91.92	0.00989
118.09	-94.05	0.01091	116.67	-95.46	0.01167
115.26	-96.87	0.01251	113.84	-98.29	0.01346
112.43	-99.70	0.01452	99.70	-112.43	0.01215
98.29	-113.84	0.01121	96.87	-115.26	0.01041
95.46	-116.67	0.00974	94.05	-118.09	0.00914
91.92	-120.21	0.00836	88.39	-123.74	0.00731
84.85	-127.28	0.00645	77.78	-134.35	0.00515
70.71	-141.42	0.00421	63.64	-148.49	0.00350
56.57	-155.56	0.00296	49.50	-162.63	0.00253
42.43	-169.71	0.00218	35.36	-176.78	0.00190
183.85	-42.43	0.00197	176.78	-49.50	0.00227
169.71	-56.57	0.00265	162.63	-63.64	0.00313
155.56	-70.71	0.00375	148.49	-77.78	0.00457
141.42	-84.85	0.00570	134.35	-91.92	0.00733
130.81	-95.46	0.00844	127.28	-98.99	0.00983
125.16	-101.12	0.01084	123.74	-102.53	0.01159
122.33	-103.94	0.01243	120.92	-105.36	0.01336
119.50	-106.77	0.01442	106.77	-119.50	0.01204
105.36	-120.92	0.01109	103.94	-122.33	0.01030
102.53	-123.74	0.00963	101.12	-125.16	0.00903
98.99	-127.28	0.00826	95.46	-130.81	0.00721
91.92	-134.35	0.00636	84.85	-141.42	0.00507
77.78	-148.49	0.00415	70.71	-155.56	0.00346
63.64	-162.63	0.00293	56.57	-169.71	0.00251
49.50	-176.78	0.00217	42.43	-183.85	0.00189

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00198	183.85	-56.57	0.00229
176.78	-63.64	0.00267	169.71	-70.71	0.00314
162.63	-77.78	0.00375	155.56	-84.85	0.00456
148.49	-91.92	0.00568	141.42	-98.99	0.00729
137.89	-102.53	0.00838	134.35	-106.07	0.00975
132.23	-108.19	0.01074	130.81	-109.60	0.01149
129.40	-111.02	0.01232	127.99	-112.43	0.01324
126.57	-113.84	0.01429	113.84	-126.57	0.01189
112.43	-127.99	0.01095	111.02	-129.40	0.01016
109.60	-130.81	0.00949	108.19	-132.23	0.00889

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00813	102.53	-137.89	0.00708
98.99	-141.42	0.00624	91.92	-148.49	0.00498
84.85	-155.56	0.00409	77.78	-162.63	0.00342
70.71	-169.71	0.00290	63.64	-176.78	0.00249
56.57	-183.85	0.00216	49.50	-190.92	0.00188
197.99	-56.57	0.00199	190.92	-63.64	0.00230
183.85	-70.71	0.00267	176.78	-77.78	0.00315
169.71	-84.85	0.00375	162.63	-91.92	0.00455
155.56	-98.99	0.00565	148.49	-106.07	0.00724
144.96	-109.60	0.00831	141.42	-113.14	0.00965
139.30	-115.26	0.01062	137.89	-116.67	0.01136
136.47	-118.09	0.01218	135.06	-119.50	0.01309
133.64	-120.92	0.01413	120.92	-133.64	0.01171
119.50	-135.06	0.01076	118.09	-136.47	0.00998
116.67	-137.89	0.00930	115.26	-139.30	0.00872
113.14	-141.42	0.00796	109.60	-144.96	0.00692
106.07	-148.49	0.00610	98.99	-155.56	0.00489
91.92	-162.63	0.00402	84.85	-169.71	0.00337
77.78	-176.78	0.00287	70.71	-183.85	0.00246
63.64	-190.92	0.00214	56.57	-197.99	0.00187
205.06	-63.64	0.00200	197.99	-70.71	0.00231
190.92	-77.78	0.00268	183.85	-84.85	0.00315
176.78	-91.92	0.00375	169.71	-98.99	0.00454
162.63	-106.07	0.00563	155.56	-113.14	0.00718

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00823	148.49	-120.21	0.00954
146.37	-122.33	0.01049	144.96	-123.74	0.01121
143.54	-125.16	0.01201	142.13	-126.57	0.01290
140.71	-127.99	0.01393	127.99	-140.71	0.01147
126.57	-142.13	0.01051	125.16	-143.54	0.00974
123.74	-144.96	0.00907	122.33	-146.37	0.00849
120.21	-148.49	0.00774	116.67	-152.03	0.00674
113.14	-155.56	0.00595	106.07	-162.63	0.00479
98.99	-169.71	0.00396	91.92	-176.78	0.00332
84.85	-183.85	0.00283	77.78	-190.92	0.00243
70.71	-197.99	0.00211	63.64	-205.06	0.00185
212.13	-70.71	0.00201	205.06	-77.78	0.00231
197.99	-84.85	0.00268	190.92	-91.92	0.00315
183.85	-98.99	0.00375	176.78	-106.07	0.00453
169.71	-113.14	0.00560	162.63	-120.21	0.00713
159.10	-123.74	0.00815	155.56	-127.28	0.00943

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.01035	152.03	-130.81	0.01104
150.61	-132.23	0.01181	149.20	-133.64	0.01267
147.79	-135.06	0.01367	135.06	-147.79	0.01114
133.64	-149.20	0.01019	132.23	-150.61	0.00943
130.81	-152.03	0.00878	129.40	-153.44	0.00822
127.28	-155.56	0.00750	123.74	-159.10	0.00655
120.21	-162.63	0.00581	113.14	-169.71	0.00470
106.07	-176.78	0.00389	98.99	-183.85	0.00327
91.92	-190.92	0.00278	84.85	-197.99	0.00240
77.78	-205.06	0.00208	70.71	-212.13	0.00182
219.20	-77.78	0.00201	212.13	-84.85	0.00231
205.06	-91.92	0.00268	197.99	-98.99	0.00314
190.92	-106.07	0.00373	183.85	-113.14	0.00451
176.78	-120.21	0.00557	169.71	-127.28	0.00707
166.17	-130.81	0.00807	162.63	-134.35	0.00932
160.51	-136.47	0.01021	159.10	-137.89	0.01087
157.68	-139.30	0.01161	156.27	-140.71	0.01243
154.86	-142.13	0.01337	142.13	-154.86	0.01074

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00982	139.30	-157.68	0.00909
137.89	-159.10	0.00848	136.47	-160.51	0.00796
134.35	-162.63	0.00729	130.81	-166.17	0.00639
127.28	-169.71	0.00568	120.21	-176.78	0.00459
113.14	-183.85	0.00380	106.07	-190.92	0.00320
98.99	-197.99	0.00273	91.92	-205.06	0.00236
84.85	-212.13	0.00205	77.78	-219.20	0.00180
226.27	-84.85	0.00202	219.20	-91.92	0.00231
212.13	-98.99	0.00268	205.06	-106.07	0.00313
197.99	-113.14	0.00371	190.92	-120.21	0.00448
183.85	-127.28	0.00552	176.78	-134.35	0.00699
173.24	-137.89	0.00798	169.71	-141.42	0.00920
167.58	-143.54	0.01007	166.17	-144.96	0.01072
164.76	-146.37	0.01143	163.34	-147.79	0.01222
161.93	-149.20	0.01310	149.20	-161.93	0.01033
147.79	-163.34	0.00949	146.37	-164.76	0.00881
144.96	-166.17	0.00824	143.54	-167.58	0.00774
141.42	-169.71	0.00710	137.89	-173.24	0.00623
134.35	-176.78	0.00553	127.28	-183.85	0.00448
120.21	-190.92	0.00372	113.14	-197.99	0.00314
106.07	-205.06	0.00268	98.99	-212.13	0.00232
91.92	-219.20	0.00202	84.85	-226.27	0.00178

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00202	226.27	-98.99	0.00231
219.20	-106.07	0.00267	212.13	-113.14	0.00312
205.06	-120.21	0.00369	197.99	-127.28	0.00444
190.92	-134.35	0.00546	183.85	-141.42	0.00689
180.31	-144.96	0.00785	176.78	-148.49	0.00902
174.66	-150.61	0.00986	173.24	-152.03	0.01048
171.83	-153.44	0.01114	170.41	-154.86	0.01188
169.00	-156.27	0.01266	156.27	-169.00	0.00994
154.86	-170.41	0.00919	153.44	-171.83	0.00854
152.03	-173.24	0.00800	150.61	-174.66	0.00753
148.49	-176.78	0.00691	144.96	-180.31	0.00608
141.42	-183.85	0.00540	134.35	-190.92	0.00438



19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00364	120.21	-205.06	0.00308
113.14	-212.13	0.00263	106.07	-219.20	0.00228
98.99	-226.27	0.00199	91.92	-233.35	0.00175
240.42	-98.99	0.00202	233.35	-106.07	0.00231
226.27	-113.14	0.00266	219.20	-120.21	0.00310
212.13	-127.28	0.00366	205.06	-134.35	0.00438
197.99	-141.42	0.00535	190.92	-148.49	0.00670
187.38	-152.03	0.00757	183.85	-155.56	0.00858
181.73	-157.68	0.00926	180.31	-159.10	0.00973
178.90	-160.51	0.01020	177.48	-161.93	0.01067
176.07	-163.34	0.01109	163.34	-176.07	0.00912
161.93	-177.48	0.00859	160.51	-178.90	0.00810
159.10	-180.31	0.00765	157.68	-181.73	0.00723
155.56	-183.85	0.00667	152.03	-187.38	0.00589
148.49	-190.92	0.00524	141.42	-197.99	0.00427
134.35	-205.06	0.00355	127.28	-212.13	0.00301
120.21	-219.20	0.00259	113.14	-226.27	0.00224
106.07	-233.35	0.00196	98.99	-240.42	0.00173
247.49	-106.07	0.00201	240.42	-113.14	0.00230
233.35	-120.21	0.00264	226.27	-127.28	0.00307
219.20	-134.35	0.00360	212.13	-141.42	0.00428
205.06	-148.49	0.00518	197.99	-155.56	0.00635
194.45	-159.10	0.00706	190.92	-162.63	0.00783
188.80	-164.76	0.00830	187.38	-166.17	0.00860
185.97	-167.58	0.00888	184.55	-169.00	0.00914
183.14	-170.41	0.00935	170.41	-183.14	0.00811
169.00	-184.55	0.00775	167.58	-185.97	0.00740
166.17	-187.38	0.00705	164.76	-188.80	0.00672

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00627	159.10	-194.45	0.00561
155.56	-197.99	0.00504	148.49	-205.06	0.00413
141.42	-212.13	0.00346	134.35	-219.20	0.00294
127.28	-226.27	0.00253	120.21	-233.35	0.00220
113.14	-240.42	0.00193	106.07	-247.49	0.00171

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*

04/20/08

19NCRA\_PL94-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00929 AT ( 161.93, -149.20, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT ( 169.00, -156.27, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT ( 154.86, -142.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT ( 147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT ( 170.41, -154.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT ( 163.34, -147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT ( 140.71, -127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00814 AT ( 156.27, -140.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT ( 176.07, -163.34, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT ( 149.20, -133.64, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00929 AT ( 98.29, -85.56, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT ( 105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT ( 91.22, -78.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT ( 84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT ( 106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT ( 99.70, -84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT ( 77.07, -64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00814 AT ( 92.63, -77.07, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT ( 112.43, -99.70, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT ( 85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00929 AT ( 34.65, -21.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT ( 41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT ( 27.58, -14.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT ( 20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT ( 43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT ( 36.06, -20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT ( 13.44, -0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT ( 28.99, -13.44, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT ( 48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT ( 21.92, -6.36, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:39:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00929 AT ( -28.99, 41.72, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT ( -21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT ( -36.06, 48.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT ( -43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT ( -20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT ( -27.58, 43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT ( -50.20, 62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT ( -34.65, 50.20, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00800 AT ( -14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781 AT ( -41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00929 AT ( -92.63, 105.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00924 AT ( -85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00908 AT ( -99.70, 112.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00878 AT ( -106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00847 AT ( -84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00841 AT ( -91.22, 106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00832 AT ( -113.84, 126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00815 AT ( -98.29, 113.84, 0.00, 1.20)	DC	NA

19NCRA_PL94-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00800	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00781	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01470	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01470	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01470	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01469	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01469	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01467	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01467	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01465	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01464	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01461	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:39:36

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 10 Informational Message(s)  
 A Total of 10 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 15:49:41

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at SE/NW Bound Direction  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTS FLAT  
CO FLAGPOLE 1.2  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 98.64 -92.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 35.0 -28.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -28.64 35.0 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -92.28 98.64 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -155.92 162.28 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 135 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 135 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
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RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-98.99	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
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RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	99.0	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-98.99	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	99.0	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-98.99	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	99.0	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2



RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
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RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
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RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
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RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
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RE DISCCART	-98.29	85.56	1.2
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RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
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RE DISCCART	-67.18	102.53	1.2
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RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
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RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
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RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

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RE DISCCART -141.42 14.14 1.2  
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RE DISCCART -113.14 28.28 1.2  
RE DISCCART -120.21 21.21 1.2  
RE DISCCART -127.28 14.14 1.2  
RE DISCCART -134.35 7.07 1.2  
RE DISCCART -141.42 0.0 1.2  
RE DISCCART 7.07 134.35 1.2  
RE DISCCART 0.0 127.28 1.2  
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
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RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
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RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
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RE DISCCART	-42.43	70.71	1.2
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RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2



RE DISCCART	-65.76	47.38	1.2
RE DISCCART	-67.18	45.96	1.2
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RE DISCCART	-74.25	38.89	1.2
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RE DISCCART	-84.85	28.28	1.2
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RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
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RE DISCCART	14.14	113.14	1.2
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RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
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RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
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RE DISCCART	-55.86	43.13	1.2
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RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
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RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
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RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
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RE DISCCART	-14.14	56.57	1.2
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RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
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RE DISCCART	-53.03	17.68	1.2
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RE DISCCART	-63.64	7.07	1.2
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RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
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RE DISCCART	14.14	70.71	1.2
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RE DISCCART	-34.65	21.92	1.2
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RE DISCCART	-37.48	19.09	1.2
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RE DISCCART	-45.96	10.61	1.2
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RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

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 RE DISCCART 49.5 91.92 1.2  
 RE DISCCART 42.43 84.85 1.2  
 RE DISCCART 35.36 77.78 1.2  
 RE DISCCART 28.28 70.71 1.2  
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 RE DISCCART 0.0 42.43 1.2  
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 RE DISCCART -38.89 3.54 1.2  
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 RE DISCCART 56.57 84.85 1.2  
 RE DISCCART 49.5 77.78 1.2  
 RE DISCCART 42.43 70.71 1.2  
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 RE DISCCART 28.28 56.57 1.2  
 RE DISCCART 21.21 49.5 1.2  
 RE DISCCART 14.14 42.43 1.2  
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 RE DISCCART 3.54 31.82 1.2  
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 RE DISCCART -2.12 26.16 1.2  
 RE DISCCART -3.54 24.75 1.2  
 RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
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RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
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RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2



RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2  
RE DISCCART 0.0 -70.71 1.2  
RE DISCCART -7.07 -77.78 1.2  
RE DISCCART -14.14 -84.85 1.2  
RE DISCCART -21.21 -91.92 1.2  
RE DISCCART -28.28 -98.99 1.2  
RE DISCCART -35.36 -106.07 1.2  
RE DISCCART 113.14 28.28 1.2  
RE DISCCART 106.07 21.21 1.2  
RE DISCCART 98.99 14.14 1.2  
RE DISCCART 91.92 7.07 1.2  
RE DISCCART 84.85 0.0 1.2  
RE DISCCART 77.78 -7.07 1.2  
RE DISCCART 70.71 -14.14 1.2  
RE DISCCART 63.64 -21.21 1.2  
RE DISCCART 60.1 -24.75 1.2  
RE DISCCART 56.57 -28.28 1.2  
RE DISCCART 54.45 -30.41 1.2  
RE DISCCART 53.03 -31.82 1.2  
RE DISCCART 51.62 -33.23 1.2  
RE DISCCART 50.2 -34.65 1.2  
RE DISCCART 48.79 -36.06 1.2  
RE DISCCART 36.06 -48.79 1.2  
RE DISCCART 34.65 -50.2 1.2  
RE DISCCART 33.23 -51.62 1.2  
RE DISCCART 31.82 -53.03 1.2  
RE DISCCART 30.41 -54.45 1.2  
RE DISCCART 28.28 -56.57 1.2  
RE DISCCART 24.75 -60.1 1.2  
RE DISCCART 21.21 -63.64 1.2  
RE DISCCART 14.14 -70.71 1.2  
RE DISCCART 7.07 -77.78 1.2  
RE DISCCART 0.0 -84.85 1.2  
RE DISCCART -7.07 -91.92 1.2  
RE DISCCART -14.14 -98.99 1.2  
RE DISCCART -21.21 -106.07 1.2  
RE DISCCART -28.28 -113.14 1.2  
RE DISCCART 120.21 21.21 1.2  
RE DISCCART 113.14 14.14 1.2  
RE DISCCART 106.07 7.07 1.2  
RE DISCCART 98.99 0.0 1.2  
RE DISCCART 91.92 -7.07 1.2  
RE DISCCART 84.85 -14.14 1.2  
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
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RE DISCCART	99.7	-112.43	1.2
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RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2



RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
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RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
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RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
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RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
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RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
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RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
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RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
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RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
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RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
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RE DISCCART	84.85	-183.85	1.2
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RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
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RE DISCCART	149.2	-133.64	1.2
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RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
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RE DISCCART	156.27	-140.71	1.2
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RE DISCCART	142.13	-154.86	1.2
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RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
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RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
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RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
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RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
RE DISCCART	197.99	-141.42	1.2
RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2  
RE DISCCART 120.21 -219.2 1.2  
RE DISCCART 113.14 -226.27 1.2  
RE DISCCART 106.07 -233.35 1.2  
RE DISCCART 98.99 -240.42 1.2  
RE DISCCART 247.49 -106.07 1.2  
RE DISCCART 240.42 -113.14 1.2  
RE DISCCART 233.35 -120.21 1.2  
RE DISCCART 226.27 -127.28 1.2  
RE DISCCART 219.2 -134.35 1.2  
RE DISCCART 212.13 -141.42 1.2  
RE DISCCART 205.06 -148.49 1.2  
RE DISCCART 197.99 -155.56 1.2  
RE DISCCART 194.45 -159.1 1.2  
RE DISCCART 190.92 -162.63 1.2  
RE DISCCART 188.8 -164.76 1.2  
RE DISCCART 187.38 -166.17 1.2  
RE DISCCART 185.97 -167.58 1.2  
RE DISCCART 184.55 -169.0 1.2  
RE DISCCART 183.14 -170.41 1.2  
RE DISCCART 170.41 -183.14 1.2  
RE DISCCART 169.0 -184.55 1.2  
RE DISCCART 167.58 -185.97 1.2  
RE DISCCART 166.17 -187.38 1.2  
RE DISCCART 164.76 -188.8 1.2  
RE DISCCART 162.63 -190.92 1.2  
RE DISCCART 159.1 -194.45 1.2  
RE DISCCART 155.56 -197.99 1.2  
RE DISCCART 148.49 -205.06 1.2  
RE DISCCART 141.42 -212.13 1.2  
RE DISCCART 134.35 -219.2 1.2  
RE DISCCART 127.28 -226.27 1.2  
RE DISCCART 120.21 -233.35 1.2  
RE DISCCART 113.14 -240.42 1.2  
RE DISCCART 106.07 -247.49 1.2  
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1997

ME UAIRDATA 9901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

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\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\20NCRA-1.DAT



\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\20NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

Table with 11 columns: EMISSION RATE SOURCE SCALAR VARY BY ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER\*\*2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA\_S1 through NCRA\_S5.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41
\*\*MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

- NCRA\_S1 NCRA\_S1 ,
NCRA\_S2 NCRA\_S2 ,
NCRA\_S3 NCRA\_S3 ,
NCRA\_S4 NCRA\_S4 ,
NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*
04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41
\*\*MODELOPTs:
PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- ( -106.1, 247.5, 0.0, 1.2); ( -113.1, 240.4, 0.0, 1.2);
( -120.2, 233.4, 0.0, 1.2); ( -127.3, 226.3, 0.0, 1.2);
( -134.4, 219.2, 0.0, 1.2); ( -141.4, 212.1, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -148.5,	205.1,	0.0,	1.2);	( -155.6,	198.0,	0.0,	1.2);
( -159.1,	194.4,	0.0,	1.2);	( -162.6,	190.9,	0.0,	1.2);
( -164.8,	188.8,	0.0,	1.2);	( -166.2,	187.4,	0.0,	1.2);
( -167.6,	186.0,	0.0,	1.2);	( -169.0,	184.6,	0.0,	1.2);
( -170.4,	183.1,	0.0,	1.2);	( -183.1,	170.4,	0.0,	1.2);
( -184.6,	169.0,	0.0,	1.2);	( -186.0,	167.6,	0.0,	1.2);
( -187.4,	166.2,	0.0,	1.2);	( -188.8,	164.8,	0.0,	1.2);
( -190.9,	162.6,	0.0,	1.2);	( -194.4,	159.1,	0.0,	1.2);
( -198.0,	155.6,	0.0,	1.2);	( -205.1,	148.5,	0.0,	1.2);
( -212.1,	141.4,	0.0,	1.2);	( -219.2,	134.4,	0.0,	1.2);
( -226.3,	127.3,	0.0,	1.2);	( -233.4,	120.2,	0.0,	1.2);
( -240.4,	113.1,	0.0,	1.2);	( -247.5,	106.1,	0.0,	1.2);
( -99.0,	240.4,	0.0,	1.2);	( -106.1,	233.4,	0.0,	1.2);
( -113.1,	226.3,	0.0,	1.2);	( -120.2,	219.2,	0.0,	1.2);
( -127.3,	212.1,	0.0,	1.2);	( -134.4,	205.1,	0.0,	1.2);
( -141.4,	198.0,	0.0,	1.2);	( -148.5,	190.9,	0.0,	1.2);
( -152.0,	187.4,	0.0,	1.2);	( -155.6,	183.9,	0.0,	1.2);
( -157.7,	181.7,	0.0,	1.2);	( -159.1,	180.3,	0.0,	1.2);
( -160.5,	178.9,	0.0,	1.2);	( -161.9,	177.5,	0.0,	1.2);
( -163.3,	176.1,	0.0,	1.2);	( -176.1,	163.3,	0.0,	1.2);
( -177.5,	161.9,	0.0,	1.2);	( -178.9,	160.5,	0.0,	1.2);
( -180.3,	159.1,	0.0,	1.2);	( -181.7,	157.7,	0.0,	1.2);
( -183.9,	155.6,	0.0,	1.2);	( -187.4,	152.0,	0.0,	1.2);
( -190.9,	148.5,	0.0,	1.2);	( -198.0,	141.4,	0.0,	1.2);
( -205.1,	134.4,	0.0,	1.2);	( -212.1,	127.3,	0.0,	1.2);
( -219.2,	120.2,	0.0,	1.2);	( -226.3,	113.1,	0.0,	1.2);
( -233.4,	106.1,	0.0,	1.2);	( -240.4,	99.0,	0.0,	1.2);
( -91.9,	233.4,	0.0,	1.2);	( -99.0,	226.3,	0.0,	1.2);
( -106.1,	219.2,	0.0,	1.2);	( -113.1,	212.1,	0.0,	1.2);
( -120.2,	205.1,	0.0,	1.2);	( -127.3,	198.0,	0.0,	1.2);
( -134.4,	190.9,	0.0,	1.2);	( -141.4,	183.9,	0.0,	1.2);
( -145.0,	180.3,	0.0,	1.2);	( -148.5,	176.8,	0.0,	1.2);
( -150.6,	174.7,	0.0,	1.2);	( -152.0,	173.2,	0.0,	1.2);
( -153.4,	171.8,	0.0,	1.2);	( -154.9,	170.4,	0.0,	1.2);
( -156.3,	169.0,	0.0,	1.2);	( -169.0,	156.3,	0.0,	1.2);
( -170.4,	154.9,	0.0,	1.2);	( -171.8,	153.4,	0.0,	1.2);
( -173.2,	152.0,	0.0,	1.2);	( -174.7,	150.6,	0.0,	1.2);
( -176.8,	148.5,	0.0,	1.2);	( -180.3,	145.0,	0.0,	1.2);
( -183.9,	141.4,	0.0,	1.2);	( -190.9,	134.4,	0.0,	1.2);
( -198.0,	127.3,	0.0,	1.2);	( -205.1,	120.2,	0.0,	1.2);
( -212.1,	113.1,	0.0,	1.2);	( -219.2,	106.1,	0.0,	1.2);
( -226.3,	99.0,	0.0,	1.2);	( -233.4,	91.9,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -84.8, 226.3, 0.0, 1.2);	( -91.9, 219.2, 0.0, 1.2);
( -99.0, 212.1, 0.0, 1.2);	( -106.1, 205.1, 0.0, 1.2);
( -113.1, 198.0, 0.0, 1.2);	( -120.2, 190.9, 0.0, 1.2);
( -127.3, 183.9, 0.0, 1.2);	( -134.4, 176.8, 0.0, 1.2);
( -137.9, 173.2, 0.0, 1.2);	( -141.4, 169.7, 0.0, 1.2);
( -143.5, 167.6, 0.0, 1.2);	( -145.0, 166.2, 0.0, 1.2);
( -146.4, 164.8, 0.0, 1.2);	( -147.8, 163.3, 0.0, 1.2);
( -149.2, 161.9, 0.0, 1.2);	( -161.9, 149.2, 0.0, 1.2);
( -163.3, 147.8, 0.0, 1.2);	( -164.8, 146.4, 0.0, 1.2);
( -166.2, 145.0, 0.0, 1.2);	( -167.6, 143.5, 0.0, 1.2);
( -169.7, 141.4, 0.0, 1.2);	( -173.2, 137.9, 0.0, 1.2);
( -176.8, 134.4, 0.0, 1.2);	( -183.9, 127.3, 0.0, 1.2);
( -190.9, 120.2, 0.0, 1.2);	( -198.0, 113.1, 0.0, 1.2);
( -205.1, 106.1, 0.0, 1.2);	( -212.1, 99.0, 0.0, 1.2);
( -219.2, 91.9, 0.0, 1.2);	( -226.3, 84.8, 0.0, 1.2);
( -77.8, 219.2, 0.0, 1.2);	( -84.8, 212.1, 0.0, 1.2);
( -91.9, 205.1, 0.0, 1.2);	( -99.0, 198.0, 0.0, 1.2);
( -106.1, 190.9, 0.0, 1.2);	( -113.1, 183.9, 0.0, 1.2);
( -120.2, 176.8, 0.0, 1.2);	( -127.3, 169.7, 0.0, 1.2);
( -130.8, 166.2, 0.0, 1.2);	( -134.4, 162.6, 0.0, 1.2);
( -136.5, 160.5, 0.0, 1.2);	( -137.9, 159.1, 0.0, 1.2);
( -139.3, 157.7, 0.0, 1.2);	( -140.7, 156.3, 0.0, 1.2);
( -142.1, 154.9, 0.0, 1.2);	( -154.9, 142.1, 0.0, 1.2);
( -156.3, 140.7, 0.0, 1.2);	( -157.7, 139.3, 0.0, 1.2);
( -159.1, 137.9, 0.0, 1.2);	( -160.5, 136.5, 0.0, 1.2);
( -162.6, 134.4, 0.0, 1.2);	( -166.2, 130.8, 0.0, 1.2);
( -169.7, 127.3, 0.0, 1.2);	( -176.8, 120.2, 0.0, 1.2);
( -183.9, 113.1, 0.0, 1.2);	( -190.9, 106.1, 0.0, 1.2);
( -198.0, 99.0, 0.0, 1.2);	( -205.1, 91.9, 0.0, 1.2);
( -212.1, 84.8, 0.0, 1.2);	( -219.2, 77.8, 0.0, 1.2);
( -70.7, 212.1, 0.0, 1.2);	( -77.8, 205.1, 0.0, 1.2);
( -84.8, 198.0, 0.0, 1.2);	( -91.9, 190.9, 0.0, 1.2);
( -99.0, 183.9, 0.0, 1.2);	( -106.1, 176.8, 0.0, 1.2);
( -113.1, 169.7, 0.0, 1.2);	( -120.2, 162.6, 0.0, 1.2);
( -123.7, 159.1, 0.0, 1.2);	( -127.3, 155.6, 0.0, 1.2);
( -129.4, 153.4, 0.0, 1.2);	( -130.8, 152.0, 0.0, 1.2);
( -132.2, 150.6, 0.0, 1.2);	( -133.6, 149.2, 0.0, 1.2);
( -135.1, 147.8, 0.0, 1.2);	( -147.8, 135.1, 0.0, 1.2);
( -149.2, 133.6, 0.0, 1.2);	( -150.6, 132.2, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -152.0,	130.8,	0.0,	1.2);	( -153.4,	129.4,	0.0,	1.2);
( -155.6,	127.3,	0.0,	1.2);	( -159.1,	123.7,	0.0,	1.2);
( -162.6,	120.2,	0.0,	1.2);	( -169.7,	113.1,	0.0,	1.2);
( -176.8,	106.1,	0.0,	1.2);	( -183.9,	99.0,	0.0,	1.2);
( -190.9,	91.9,	0.0,	1.2);	( -198.0,	84.8,	0.0,	1.2);
( -205.1,	77.8,	0.0,	1.2);	( -212.1,	70.7,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -63.6,	205.1,	0.0,	1.2);	( -70.7,	198.0,	0.0,	1.2);
( -77.8,	190.9,	0.0,	1.2);	( -84.8,	183.9,	0.0,	1.2);
( -91.9,	176.8,	0.0,	1.2);	( -99.0,	169.7,	0.0,	1.2);
( -106.1,	162.6,	0.0,	1.2);	( -113.1,	155.6,	0.0,	1.2);
( -116.7,	152.0,	0.0,	1.2);	( -120.2,	148.5,	0.0,	1.2);
( -122.3,	146.4,	0.0,	1.2);	( -123.7,	145.0,	0.0,	1.2);
( -125.2,	143.5,	0.0,	1.2);	( -126.6,	142.1,	0.0,	1.2);
( -128.0,	140.7,	0.0,	1.2);	( -140.7,	128.0,	0.0,	1.2);
( -142.1,	126.6,	0.0,	1.2);	( -143.5,	125.2,	0.0,	1.2);
( -145.0,	123.7,	0.0,	1.2);	( -146.4,	122.3,	0.0,	1.2);
( -148.5,	120.2,	0.0,	1.2);	( -152.0,	116.7,	0.0,	1.2);
( -155.6,	113.1,	0.0,	1.2);	( -162.6,	106.1,	0.0,	1.2);
( -169.7,	99.0,	0.0,	1.2);	( -176.8,	91.9,	0.0,	1.2);
( -183.9,	84.8,	0.0,	1.2);	( -190.9,	77.8,	0.0,	1.2);
( -198.0,	70.7,	0.0,	1.2);	( -205.1,	63.6,	0.0,	1.2);
( -56.6,	198.0,	0.0,	1.2);	( -63.6,	190.9,	0.0,	1.2);
( -70.7,	183.9,	0.0,	1.2);	( -77.8,	176.8,	0.0,	1.2);
( -84.8,	169.7,	0.0,	1.2);	( -91.9,	162.6,	0.0,	1.2);
( -99.0,	155.6,	0.0,	1.2);	( -106.1,	148.5,	0.0,	1.2);
( -109.6,	145.0,	0.0,	1.2);	( -113.1,	141.4,	0.0,	1.2);
( -115.3,	139.3,	0.0,	1.2);	( -116.7,	137.9,	0.0,	1.2);
( -118.1,	136.5,	0.0,	1.2);	( -119.5,	135.1,	0.0,	1.2);
( -120.9,	133.6,	0.0,	1.2);	( -133.6,	120.9,	0.0,	1.2);
( -135.1,	119.5,	0.0,	1.2);	( -136.5,	118.1,	0.0,	1.2);
( -137.9,	116.7,	0.0,	1.2);	( -139.3,	115.3,	0.0,	1.2);
( -141.4,	113.1,	0.0,	1.2);	( -145.0,	109.6,	0.0,	1.2);
( -148.5,	106.1,	0.0,	1.2);	( -155.6,	99.0,	0.0,	1.2);
( -162.6,	91.9,	0.0,	1.2);	( -169.7,	84.8,	0.0,	1.2);
( -176.8,	77.8,	0.0,	1.2);	( -183.9,	70.7,	0.0,	1.2);
( -190.9,	63.6,	0.0,	1.2);	( -198.0,	56.6,	0.0,	1.2);
( -49.5,	190.9,	0.0,	1.2);	( -56.6,	183.9,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -63.6,	176.8,	0.0,	1.2);	( -70.7,	169.7,	0.0,	1.2);
( -77.8,	162.6,	0.0,	1.2);	( -84.8,	155.6,	0.0,	1.2);
( -91.9,	148.5,	0.0,	1.2);	( -99.0,	141.4,	0.0,	1.2);
( -102.5,	137.9,	0.0,	1.2);	( -106.1,	134.4,	0.0,	1.2);
( -108.2,	132.2,	0.0,	1.2);	( -109.6,	130.8,	0.0,	1.2);
( -111.0,	129.4,	0.0,	1.2);	( -112.4,	128.0,	0.0,	1.2);
( -113.8,	126.6,	0.0,	1.2);	( -126.6,	113.8,	0.0,	1.2);
( -128.0,	112.4,	0.0,	1.2);	( -129.4,	111.0,	0.0,	1.2);
( -130.8,	109.6,	0.0,	1.2);	( -132.2,	108.2,	0.0,	1.2);
( -134.4,	106.1,	0.0,	1.2);	( -137.9,	102.5,	0.0,	1.2);
( -141.4,	99.0,	0.0,	1.2);	( -148.5,	91.9,	0.0,	1.2);
( -155.6,	84.8,	0.0,	1.2);	( -162.6,	77.8,	0.0,	1.2);
( -169.7,	70.7,	0.0,	1.2);	( -176.8,	63.6,	0.0,	1.2);
( -183.9,	56.6,	0.0,	1.2);	( -190.9,	49.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -42.4,	183.9,	0.0,	1.2);	( -49.5,	176.8,	0.0,	1.2);
( -56.6,	169.7,	0.0,	1.2);	( -63.6,	162.6,	0.0,	1.2);
( -70.7,	155.6,	0.0,	1.2);	( -77.8,	148.5,	0.0,	1.2);
( -84.8,	141.4,	0.0,	1.2);	( -91.9,	134.4,	0.0,	1.2);
( -95.5,	130.8,	0.0,	1.2);	( -99.0,	127.3,	0.0,	1.2);
( -101.1,	125.2,	0.0,	1.2);	( -102.5,	123.7,	0.0,	1.2);
( -103.9,	122.3,	0.0,	1.2);	( -105.4,	120.9,	0.0,	1.2);
( -106.8,	119.5,	0.0,	1.2);	( -119.5,	106.8,	0.0,	1.2);
( -120.9,	105.4,	0.0,	1.2);	( -122.3,	103.9,	0.0,	1.2);
( -123.7,	102.5,	0.0,	1.2);	( -125.2,	101.1,	0.0,	1.2);
( -127.3,	99.0,	0.0,	1.2);	( -130.8,	95.5,	0.0,	1.2);
( -134.4,	91.9,	0.0,	1.2);	( -141.4,	84.8,	0.0,	1.2);
( -148.5,	77.8,	0.0,	1.2);	( -155.6,	70.7,	0.0,	1.2);
( -162.6,	63.6,	0.0,	1.2);	( -169.7,	56.6,	0.0,	1.2);
( -176.8,	49.5,	0.0,	1.2);	( -183.9,	42.4,	0.0,	1.2);
( -35.4,	176.8,	0.0,	1.2);	( -42.4,	169.7,	0.0,	1.2);
( -49.5,	162.6,	0.0,	1.2);	( -56.6,	155.6,	0.0,	1.2);
( -63.6,	148.5,	0.0,	1.2);	( -70.7,	141.4,	0.0,	1.2);
( -77.8,	134.4,	0.0,	1.2);	( -84.8,	127.3,	0.0,	1.2);
( -88.4,	123.7,	0.0,	1.2);	( -91.9,	120.2,	0.0,	1.2);
( -94.1,	118.1,	0.0,	1.2);	( -95.5,	116.7,	0.0,	1.2);
( -96.9,	115.3,	0.0,	1.2);	( -98.3,	113.8,	0.0,	1.2);
( -99.7,	112.4,	0.0,	1.2);	( -112.4,	99.7,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -113.8,	98.3,	0.0,	1.2);	( -115.3,	96.9,	0.0,	1.2);
( -116.7,	95.5,	0.0,	1.2);	( -118.1,	94.1,	0.0,	1.2);
( -120.2,	91.9,	0.0,	1.2);	( -123.7,	88.4,	0.0,	1.2);
( -127.3,	84.8,	0.0,	1.2);	( -134.4,	77.8,	0.0,	1.2);
( -141.4,	70.7,	0.0,	1.2);	( -148.5,	63.6,	0.0,	1.2);
( -155.6,	56.6,	0.0,	1.2);	( -162.6,	49.5,	0.0,	1.2);
( -169.7,	42.4,	0.0,	1.2);	( -176.8,	35.4,	0.0,	1.2);
( -28.3,	169.7,	0.0,	1.2);	( -35.4,	162.6,	0.0,	1.2);
( -42.4,	155.6,	0.0,	1.2);	( -49.5,	148.5,	0.0,	1.2);
( -56.6,	141.4,	0.0,	1.2);	( -63.6,	134.4,	0.0,	1.2);
( -70.7,	127.3,	0.0,	1.2);	( -77.8,	120.2,	0.0,	1.2);
( -81.3,	116.7,	0.0,	1.2);	( -84.8,	113.1,	0.0,	1.2);
( -87.0,	111.0,	0.0,	1.2);	( -88.4,	109.6,	0.0,	1.2);
( -89.8,	108.2,	0.0,	1.2);	( -91.2,	106.8,	0.0,	1.2);
( -92.6,	105.4,	0.0,	1.2);	( -105.4,	92.6,	0.0,	1.2);
( -106.8,	91.2,	0.0,	1.2);	( -108.2,	89.8,	0.0,	1.2);
( -109.6,	88.4,	0.0,	1.2);	( -111.0,	87.0,	0.0,	1.2);
( -113.1,	84.8,	0.0,	1.2);	( -116.7,	81.3,	0.0,	1.2);
( -120.2,	77.8,	0.0,	1.2);	( -127.3,	70.7,	0.0,	1.2);
( -134.4,	63.6,	0.0,	1.2);	( -141.4,	56.6,	0.0,	1.2);
( -148.5,	49.5,	0.0,	1.2);	( -155.6,	42.4,	0.0,	1.2);
( -162.6,	35.4,	0.0,	1.2);	( -169.7,	28.3,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:  
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( -21.2,	162.6,	0.0,	1.2);	( -28.3,	155.6,	0.0,	1.2);
( -35.4,	148.5,	0.0,	1.2);	( -42.4,	141.4,	0.0,	1.2);
( -49.5,	134.4,	0.0,	1.2);	( -56.6,	127.3,	0.0,	1.2);
( -63.6,	120.2,	0.0,	1.2);	( -70.7,	113.1,	0.0,	1.2);
( -74.2,	109.6,	0.0,	1.2);	( -77.8,	106.1,	0.0,	1.2);
( -79.9,	103.9,	0.0,	1.2);	( -81.3,	102.5,	0.0,	1.2);
( -82.7,	101.1,	0.0,	1.2);	( -84.2,	99.7,	0.0,	1.2);
( -85.6,	98.3,	0.0,	1.2);	( -98.3,	85.6,	0.0,	1.2);
( -99.7,	84.2,	0.0,	1.2);	( -101.1,	82.7,	0.0,	1.2);
( -102.5,	81.3,	0.0,	1.2);	( -103.9,	79.9,	0.0,	1.2);
( -106.1,	77.8,	0.0,	1.2);	( -109.6,	74.2,	0.0,	1.2);
( -113.1,	70.7,	0.0,	1.2);	( -120.2,	63.6,	0.0,	1.2);
( -127.3,	56.6,	0.0,	1.2);	( -134.4,	49.5,	0.0,	1.2);
( -141.4,	42.4,	0.0,	1.2);	( -148.5,	35.4,	0.0,	1.2);
( -155.6,	28.3,	0.0,	1.2);	( -162.6,	21.2,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -14.1,	155.6,	0.0,	1.2);	( -21.2,	148.5,	0.0,	1.2);
( -28.3,	141.4,	0.0,	1.2);	( -35.4,	134.4,	0.0,	1.2);
( -42.4,	127.3,	0.0,	1.2);	( -49.5,	120.2,	0.0,	1.2);
( -56.6,	113.1,	0.0,	1.2);	( -63.6,	106.1,	0.0,	1.2);
( -67.2,	102.5,	0.0,	1.2);	( -70.7,	99.0,	0.0,	1.2);
( -72.8,	96.9,	0.0,	1.2);	( -74.2,	95.5,	0.0,	1.2);
( -75.7,	94.1,	0.0,	1.2);	( -77.1,	92.6,	0.0,	1.2);
( -78.5,	91.2,	0.0,	1.2);	( -91.2,	78.5,	0.0,	1.2);
( -92.6,	77.1,	0.0,	1.2);	( -94.1,	75.7,	0.0,	1.2);
( -95.5,	74.2,	0.0,	1.2);	( -96.9,	72.8,	0.0,	1.2);
( -99.0,	70.7,	0.0,	1.2);	( -102.5,	67.2,	0.0,	1.2);
( -106.1,	63.6,	0.0,	1.2);	( -113.1,	56.6,	0.0,	1.2);
( -120.2,	49.5,	0.0,	1.2);	( -127.3,	42.4,	0.0,	1.2);
( -134.4,	35.4,	0.0,	1.2);	( -141.4,	28.3,	0.0,	1.2);
( -148.5,	21.2,	0.0,	1.2);	( -155.6,	14.1,	0.0,	1.2);
( -7.1,	148.5,	0.0,	1.2);	( -14.1,	141.4,	0.0,	1.2);
( -21.2,	134.4,	0.0,	1.2);	( -28.3,	127.3,	0.0,	1.2);
( -35.4,	120.2,	0.0,	1.2);	( -42.4,	113.1,	0.0,	1.2);
( -49.5,	106.1,	0.0,	1.2);	( -56.6,	99.0,	0.0,	1.2);
( -60.1,	95.5,	0.0,	1.2);	( -63.6,	91.9,	0.0,	1.2);
( -65.8,	89.8,	0.0,	1.2);	( -67.2,	88.4,	0.0,	1.2);
( -68.6,	87.0,	0.0,	1.2);	( -70.0,	85.6,	0.0,	1.2);
( -71.4,	84.2,	0.0,	1.2);	( -84.2,	71.4,	0.0,	1.2);
( -85.6,	70.0,	0.0,	1.2);	( -87.0,	68.6,	0.0,	1.2);
( -88.4,	67.2,	0.0,	1.2);	( -89.8,	65.8,	0.0,	1.2);
( -91.9,	63.6,	0.0,	1.2);	( -95.5,	60.1,	0.0,	1.2);
( -99.0,	56.6,	0.0,	1.2);	( -106.1,	49.5,	0.0,	1.2);
( -113.1,	42.4,	0.0,	1.2);	( -120.2,	35.4,	0.0,	1.2);
( -127.3,	28.3,	0.0,	1.2);	( -134.4,	21.2,	0.0,	1.2);
( -141.4,	14.1,	0.0,	1.2);	( -148.5,	7.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 0.0,	141.4,	0.0,	1.2);	( -7.1,	134.4,	0.0,	1.2);
( -14.1,	127.3,	0.0,	1.2);	( -21.2,	120.2,	0.0,	1.2);
( -28.3,	113.1,	0.0,	1.2);	( -35.4,	106.1,	0.0,	1.2);
( -42.4,	99.0,	0.0,	1.2);	( -49.5,	91.9,	0.0,	1.2);
( -53.0,	88.4,	0.0,	1.2);	( -56.6,	84.8,	0.0,	1.2);
( -58.7,	82.7,	0.0,	1.2);	( -60.1,	81.3,	0.0,	1.2);
( -61.5,	79.9,	0.0,	1.2);	( -62.9,	78.5,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -64.3,	77.1,	0.0,	1.2);	( -77.1,	64.3,	0.0,	1.2);
( -78.5,	62.9,	0.0,	1.2);	( -79.9,	61.5,	0.0,	1.2);
( -81.3,	60.1,	0.0,	1.2);	( -82.7,	58.7,	0.0,	1.2);
( -84.8,	56.6,	0.0,	1.2);	( -88.4,	53.0,	0.0,	1.2);
( -91.9,	49.5,	0.0,	1.2);	( -99.0,	42.4,	0.0,	1.2);
( -106.1,	35.4,	0.0,	1.2);	( -113.1,	28.3,	0.0,	1.2);
( -120.2,	21.2,	0.0,	1.2);	( -127.3,	14.1,	0.0,	1.2);
( -134.4,	7.1,	0.0,	1.2);	( -141.4,	0.0,	0.0,	1.2);
( 7.1,	134.4,	0.0,	1.2);	( 0.0,	127.3,	0.0,	1.2);
( -7.1,	120.2,	0.0,	1.2);	( -14.1,	113.1,	0.0,	1.2);
( -21.2,	106.1,	0.0,	1.2);	( -28.3,	99.0,	0.0,	1.2);
( -35.4,	91.9,	0.0,	1.2);	( -42.4,	84.8,	0.0,	1.2);
( -46.0,	81.3,	0.0,	1.2);	( -49.5,	77.8,	0.0,	1.2);
( -51.6,	75.7,	0.0,	1.2);	( -53.0,	74.2,	0.0,	1.2);
( -54.5,	72.8,	0.0,	1.2);	( -55.9,	71.4,	0.0,	1.2);
( -57.3,	70.0,	0.0,	1.2);	( -70.0,	57.3,	0.0,	1.2);
( -71.4,	55.9,	0.0,	1.2);	( -72.8,	54.5,	0.0,	1.2);
( -74.2,	53.0,	0.0,	1.2);	( -75.7,	51.6,	0.0,	1.2);
( -77.8,	49.5,	0.0,	1.2);	( -81.3,	46.0,	0.0,	1.2);
( -84.8,	42.4,	0.0,	1.2);	( -91.9,	35.4,	0.0,	1.2);
( -99.0,	28.3,	0.0,	1.2);	( -106.1,	21.2,	0.0,	1.2);
( -113.1,	14.1,	0.0,	1.2);	( -120.2,	7.1,	0.0,	1.2);
( -127.3,	0.0,	0.0,	1.2);	( -134.4,	-7.1,	0.0,	1.2);
( 14.1,	127.3,	0.0,	1.2);	( 7.1,	120.2,	0.0,	1.2);
( 0.0,	113.1,	0.0,	1.2);	( -7.1,	106.1,	0.0,	1.2);
( -14.1,	99.0,	0.0,	1.2);	( -21.2,	91.9,	0.0,	1.2);
( -28.3,	84.8,	0.0,	1.2);	( -35.4,	77.8,	0.0,	1.2);
( -38.9,	74.2,	0.0,	1.2);	( -42.4,	70.7,	0.0,	1.2);
( -44.5,	68.6,	0.0,	1.2);	( -46.0,	67.2,	0.0,	1.2);
( -47.4,	65.8,	0.0,	1.2);	( -48.8,	64.3,	0.0,	1.2);
( -50.2,	62.9,	0.0,	1.2);	( -62.9,	50.2,	0.0,	1.2);
( -64.3,	48.8,	0.0,	1.2);	( -65.8,	47.4,	0.0,	1.2);
( -67.2,	46.0,	0.0,	1.2);	( -68.6,	44.5,	0.0,	1.2);
( -70.7,	42.4,	0.0,	1.2);	( -74.2,	38.9,	0.0,	1.2);
( -77.8,	35.4,	0.0,	1.2);	( -84.8,	28.3,	0.0,	1.2);
( -91.9,	21.2,	0.0,	1.2);	( -99.0,	14.1,	0.0,	1.2);
( -106.1,	7.1,	0.0,	1.2);	( -113.1,	0.0,	0.0,	1.2);
( -120.2,	-7.1,	0.0,	1.2);	( -127.3,	-14.1,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)



20NCRA\_PL97-300\_DPM\_TRAV\_ANN SE-NW Bound  
(METERS)

( 21.2, 120.2, 0.0, 1.2);	( 14.1, 113.1, 0.0, 1.2);
( 7.1, 106.1, 0.0, 1.2);	( 0.0, 99.0, 0.0, 1.2);
( -7.1, 91.9, 0.0, 1.2);	( -14.1, 84.8, 0.0, 1.2);
( -21.2, 77.8, 0.0, 1.2);	( -28.3, 70.7, 0.0, 1.2);
( -31.8, 67.2, 0.0, 1.2);	( -35.4, 63.6, 0.0, 1.2);
( -37.5, 61.5, 0.0, 1.2);	( -38.9, 60.1, 0.0, 1.2);
( -40.3, 58.7, 0.0, 1.2);	( -41.7, 57.3, 0.0, 1.2);
( -43.1, 55.9, 0.0, 1.2);	( -55.9, 43.1, 0.0, 1.2);
( -57.3, 41.7, 0.0, 1.2);	( -58.7, 40.3, 0.0, 1.2);
( -60.1, 38.9, 0.0, 1.2);	( -61.5, 37.5, 0.0, 1.2);
( -63.6, 35.4, 0.0, 1.2);	( -67.2, 31.8, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2);	( -77.8, 21.2, 0.0, 1.2);
( -84.8, 14.1, 0.0, 1.2);	( -91.9, 7.1, 0.0, 1.2);
( -99.0, 0.0, 0.0, 1.2);	( -106.1, -7.1, 0.0, 1.2);
( -113.1, -14.1, 0.0, 1.2);	( -120.2, -21.2, 0.0, 1.2);
( 28.3, 113.1, 0.0, 1.2);	( 21.2, 106.1, 0.0, 1.2);
( 14.1, 99.0, 0.0, 1.2);	( 7.1, 91.9, 0.0, 1.2);
( 0.0, 84.8, 0.0, 1.2);	( -7.1, 77.8, 0.0, 1.2);
( -14.1, 70.7, 0.0, 1.2);	( -21.2, 63.6, 0.0, 1.2);
( -24.8, 60.1, 0.0, 1.2);	( -28.3, 56.6, 0.0, 1.2);
( -30.4, 54.5, 0.0, 1.2);	( -31.8, 53.0, 0.0, 1.2);
( -33.2, 51.6, 0.0, 1.2);	( -34.7, 50.2, 0.0, 1.2);
( -36.1, 48.8, 0.0, 1.2);	( -48.8, 36.1, 0.0, 1.2);
( -50.2, 34.7, 0.0, 1.2);	( -51.6, 33.2, 0.0, 1.2);
( -53.0, 31.8, 0.0, 1.2);	( -54.5, 30.4, 0.0, 1.2);
( -56.6, 28.3, 0.0, 1.2);	( -60.1, 24.8, 0.0, 1.2);
( -63.6, 21.2, 0.0, 1.2);	( -70.7, 14.1, 0.0, 1.2);
( -77.8, 7.1, 0.0, 1.2);	( -84.8, 0.0, 0.0, 1.2);
( -91.9, -7.1, 0.0, 1.2);	( -99.0, -14.1, 0.0, 1.2);
( -106.1, -21.2, 0.0, 1.2);	( -113.1, -28.3, 0.0, 1.2);
( 35.4, 106.1, 0.0, 1.2);	( 28.3, 99.0, 0.0, 1.2);
( 21.2, 91.9, 0.0, 1.2);	( 14.1, 84.8, 0.0, 1.2);
( 7.1, 77.8, 0.0, 1.2);	( 0.0, 70.7, 0.0, 1.2);
( -7.1, 63.6, 0.0, 1.2);	( -14.1, 56.6, 0.0, 1.2);
( -17.7, 53.0, 0.0, 1.2);	( -21.2, 49.5, 0.0, 1.2);
( -23.3, 47.4, 0.0, 1.2);	( -24.8, 46.0, 0.0, 1.2);
( -26.2, 44.5, 0.0, 1.2);	( -27.6, 43.1, 0.0, 1.2);
( -29.0, 41.7, 0.0, 1.2);	( -41.7, 29.0, 0.0, 1.2);
( -43.1, 27.6, 0.0, 1.2);	( -44.5, 26.2, 0.0, 1.2);
( -46.0, 24.8, 0.0, 1.2);	( -47.4, 23.3, 0.0, 1.2);
( -49.5, 21.2, 0.0, 1.2);	( -53.0, 17.7, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2);	( -63.6, 7.1, 0.0, 1.2);
( -70.7, 0.0, 0.0, 1.2);	( -77.8, -7.1, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -84.8, -14.1, 0.0, 1.2); ( -91.9, -21.2, 0.0, 1.2);  
( -99.0, -28.3, 0.0, 1.2); ( -106.1, -35.4, 0.0, 1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 42.4, 99.0, 0.0, 1.2); ( 35.4, 91.9, 0.0, 1.2);  
( 28.3, 84.8, 0.0, 1.2); ( 21.2, 77.8, 0.0, 1.2);  
( 14.1, 70.7, 0.0, 1.2); ( 7.1, 63.6, 0.0, 1.2);  
( 0.0, 56.6, 0.0, 1.2); ( -7.1, 49.5, 0.0, 1.2);  
( -10.6, 46.0, 0.0, 1.2); ( -14.1, 42.4, 0.0, 1.2);  
( -16.3, 40.3, 0.0, 1.2); ( -17.7, 38.9, 0.0, 1.2);  
( -19.1, 37.5, 0.0, 1.2); ( -20.5, 36.1, 0.0, 1.2);  
( -21.9, 34.7, 0.0, 1.2); ( -34.7, 21.9, 0.0, 1.2);  
( -36.1, 20.5, 0.0, 1.2); ( -37.5, 19.1, 0.0, 1.2);  
( -38.9, 17.7, 0.0, 1.2); ( -40.3, 16.3, 0.0, 1.2);  
( -42.4, 14.1, 0.0, 1.2); ( -46.0, 10.6, 0.0, 1.2);  
( -49.5, 7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);  
( -63.6, -7.1, 0.0, 1.2); ( -70.7, -14.1, 0.0, 1.2);  
( -77.8, -21.2, 0.0, 1.2); ( -84.8, -28.3, 0.0, 1.2);  
( -91.9, -35.4, 0.0, 1.2); ( -99.0, -42.4, 0.0, 1.2);  
( 49.5, 91.9, 0.0, 1.2); ( 42.4, 84.8, 0.0, 1.2);  
( 35.4, 77.8, 0.0, 1.2); ( 28.3, 70.7, 0.0, 1.2);  
( 21.2, 63.6, 0.0, 1.2); ( 14.1, 56.6, 0.0, 1.2);  
( 7.1, 49.5, 0.0, 1.2); ( 0.0, 42.4, 0.0, 1.2);  
( -3.5, 38.9, 0.0, 1.2); ( -7.1, 35.4, 0.0, 1.2);  
( -9.2, 33.2, 0.0, 1.2); ( -10.6, 31.8, 0.0, 1.2);  
( -12.0, 30.4, 0.0, 1.2); ( -13.4, 29.0, 0.0, 1.2);  
( -14.9, 27.6, 0.0, 1.2); ( -27.6, 14.9, 0.0, 1.2);  
( -29.0, 13.4, 0.0, 1.2); ( -30.4, 12.0, 0.0, 1.2);  
( -31.8, 10.6, 0.0, 1.2); ( -33.2, 9.2, 0.0, 1.2);  
( -35.4, 7.1, 0.0, 1.2); ( -38.9, 3.5, 0.0, 1.2);  
( -42.4, 0.0, 0.0, 1.2); ( -49.5, -7.1, 0.0, 1.2);  
( -56.6, -14.1, 0.0, 1.2); ( -63.6, -21.2, 0.0, 1.2);  
( -70.7, -28.3, 0.0, 1.2); ( -77.8, -35.4, 0.0, 1.2);  
( -84.8, -42.4, 0.0, 1.2); ( -91.9, -49.5, 0.0, 1.2);  
( 56.6, 84.8, 0.0, 1.2); ( 49.5, 77.8, 0.0, 1.2);  
( 42.4, 70.7, 0.0, 1.2); ( 35.4, 63.6, 0.0, 1.2);  
( 28.3, 56.6, 0.0, 1.2); ( 21.2, 49.5, 0.0, 1.2);  
( 14.1, 42.4, 0.0, 1.2); ( 7.1, 35.4, 0.0, 1.2);  
( 3.5, 31.8, 0.0, 1.2); ( 0.0, 28.3, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -2.1,	26.2,	0.0,	1.2);	( -3.5,	24.8,	0.0,	1.2);
( -4.9,	23.3,	0.0,	1.2);	( -6.4,	21.9,	0.0,	1.2);
( -7.8,	20.5,	0.0,	1.2);	( -20.5,	7.8,	0.0,	1.2);
( -21.9,	6.4,	0.0,	1.2);	( -23.3,	4.9,	0.0,	1.2);
( -24.8,	3.5,	0.0,	1.2);	( -26.2,	2.1,	0.0,	1.2);
( -28.3,	0.0,	0.0,	1.2);	( -31.8,	-3.5,	0.0,	1.2);
( -35.4,	-7.1,	0.0,	1.2);	( -42.4,	-14.1,	0.0,	1.2);
( -49.5,	-21.2,	0.0,	1.2);	( -56.6,	-28.3,	0.0,	1.2);
( -63.6,	-35.4,	0.0,	1.2);	( -70.7,	-42.4,	0.0,	1.2);
( -77.8,	-49.5,	0.0,	1.2);	( -84.8,	-56.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 63.6,	77.8,	0.0,	1.2);	( 56.6,	70.7,	0.0,	1.2);
( 49.5,	63.6,	0.0,	1.2);	( 42.4,	56.6,	0.0,	1.2);
( 35.4,	49.5,	0.0,	1.2);	( 28.3,	42.4,	0.0,	1.2);
( 21.2,	35.4,	0.0,	1.2);	( 14.1,	28.3,	0.0,	1.2);
( 10.6,	24.8,	0.0,	1.2);	( 7.1,	21.2,	0.0,	1.2);
( 4.9,	19.1,	0.0,	1.2);	( 3.5,	17.7,	0.0,	1.2);
( 2.1,	16.3,	0.0,	1.2);	( 0.7,	14.9,	0.0,	1.2);
( -0.7,	13.4,	0.0,	1.2);	( -13.4,	0.7,	0.0,	1.2);
( -14.9,	-0.7,	0.0,	1.2);	( -16.3,	-2.1,	0.0,	1.2);
( -17.7,	-3.5,	0.0,	1.2);	( -19.1,	-4.9,	0.0,	1.2);
( -21.2,	-7.1,	0.0,	1.2);	( -24.8,	-10.6,	0.0,	1.2);
( -28.3,	-14.1,	0.0,	1.2);	( -35.4,	-21.2,	0.0,	1.2);
( -42.4,	-28.3,	0.0,	1.2);	( -49.5,	-35.4,	0.0,	1.2);
( -56.6,	-42.4,	0.0,	1.2);	( -63.6,	-49.5,	0.0,	1.2);
( -70.7,	-56.6,	0.0,	1.2);	( -77.8,	-63.6,	0.0,	1.2);
( 70.7,	70.7,	0.0,	1.2);	( 63.6,	63.6,	0.0,	1.2);
( 56.6,	56.6,	0.0,	1.2);	( 49.5,	49.5,	0.0,	1.2);
( 42.4,	42.4,	0.0,	1.2);	( 35.4,	35.4,	0.0,	1.2);
( 28.3,	28.3,	0.0,	1.2);	( 21.2,	21.2,	0.0,	1.2);
( 17.7,	17.7,	0.0,	1.2);	( 14.1,	14.1,	0.0,	1.2);
( 12.0,	12.0,	0.0,	1.2);	( 10.6,	10.6,	0.0,	1.2);
( 9.2,	9.2,	0.0,	1.2);	( 7.8,	7.8,	0.0,	1.2);
( 6.4,	6.4,	0.0,	1.2);	( -6.4,	-6.4,	0.0,	1.2);
( -7.8,	-7.8,	0.0,	1.2);	( -9.2,	-9.2,	0.0,	1.2);
( -10.6,	-10.6,	0.0,	1.2);	( -12.0,	-12.0,	0.0,	1.2);
( -14.1,	-14.1,	0.0,	1.2);	( -17.7,	-17.7,	0.0,	1.2);
( -21.2,	-21.2,	0.0,	1.2);	( -28.3,	-28.3,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( -35.4, -35.4, 0.0, 1.2);	( -42.4, -42.4, 0.0, 1.2);
( -49.5, -49.5, 0.0, 1.2);	( -56.6, -56.6, 0.0, 1.2);
( -63.6, -63.6, 0.0, 1.2);	( -70.7, -70.7, 0.0, 1.2);
( 77.8, 63.6, 0.0, 1.2);	( 70.7, 56.6, 0.0, 1.2);
( 63.6, 49.5, 0.0, 1.2);	( 56.6, 42.4, 0.0, 1.2);
( 49.5, 35.4, 0.0, 1.2);	( 42.4, 28.3, 0.0, 1.2);
( 35.4, 21.2, 0.0, 1.2);	( 28.3, 14.1, 0.0, 1.2);
( 24.8, 10.6, 0.0, 1.2);	( 21.2, 7.1, 0.0, 1.2);
( 19.1, 4.9, 0.0, 1.2);	( 17.7, 3.5, 0.0, 1.2);
( 16.3, 2.1, 0.0, 1.2);	( 14.9, 0.7, 0.0, 1.2);
( 13.4, -0.7, 0.0, 1.2);	( 0.7, -13.4, 0.0, 1.2);
( -0.7, -14.9, 0.0, 1.2);	( -2.1, -16.3, 0.0, 1.2);
( -3.5, -17.7, 0.0, 1.2);	( -4.9, -19.1, 0.0, 1.2);
( -7.1, -21.2, 0.0, 1.2);	( -10.6, -24.8, 0.0, 1.2);
( -14.1, -28.3, 0.0, 1.2);	( -21.2, -35.4, 0.0, 1.2);
( -28.3, -42.4, 0.0, 1.2);	( -35.4, -49.5, 0.0, 1.2);
( -42.4, -56.6, 0.0, 1.2);	( -49.5, -63.6, 0.0, 1.2);
( -56.6, -70.7, 0.0, 1.2);	( -63.6, -77.8, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 84.8, 56.6, 0.0, 1.2);	( 77.8, 49.5, 0.0, 1.2);
( 70.7, 42.4, 0.0, 1.2);	( 63.6, 35.4, 0.0, 1.2);
( 56.6, 28.3, 0.0, 1.2);	( 49.5, 21.2, 0.0, 1.2);
( 42.4, 14.1, 0.0, 1.2);	( 35.4, 7.1, 0.0, 1.2);
( 31.8, 3.5, 0.0, 1.2);	( 28.3, 0.0, 0.0, 1.2);
( 26.2, -2.1, 0.0, 1.2);	( 24.8, -3.5, 0.0, 1.2);
( 23.3, -4.9, 0.0, 1.2);	( 21.9, -6.4, 0.0, 1.2);
( 20.5, -7.8, 0.0, 1.2);	( 7.8, -20.5, 0.0, 1.2);
( 6.4, -21.9, 0.0, 1.2);	( 4.9, -23.3, 0.0, 1.2);
( 3.5, -24.8, 0.0, 1.2);	( 2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2);	( -3.5, -31.8, 0.0, 1.2);
( -7.1, -35.4, 0.0, 1.2);	( -14.1, -42.4, 0.0, 1.2);
( -21.2, -49.5, 0.0, 1.2);	( -28.3, -56.6, 0.0, 1.2);
( -35.4, -63.6, 0.0, 1.2);	( -42.4, -70.7, 0.0, 1.2);
( -49.5, -77.8, 0.0, 1.2);	( -56.6, -84.8, 0.0, 1.2);
( 91.9, 49.5, 0.0, 1.2);	( 84.8, 42.4, 0.0, 1.2);
( 77.8, 35.4, 0.0, 1.2);	( 70.7, 28.3, 0.0, 1.2);
( 63.6, 21.2, 0.0, 1.2);	( 56.6, 14.1, 0.0, 1.2);
( 49.5, 7.1, 0.0, 1.2);	( 42.4, 0.0, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 38.9, -3.5, 0.0, 1.2);	( 35.4, -7.1, 0.0, 1.2);
( 33.2, -9.2, 0.0, 1.2);	( 31.8, -10.6, 0.0, 1.2);
( 30.4, -12.0, 0.0, 1.2);	( 29.0, -13.4, 0.0, 1.2);
( 27.6, -14.9, 0.0, 1.2);	( 14.9, -27.6, 0.0, 1.2);
( 13.4, -29.0, 0.0, 1.2);	( 12.0, -30.4, 0.0, 1.2);
( 10.6, -31.8, 0.0, 1.2);	( 9.2, -33.2, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2);	( 3.5, -38.9, 0.0, 1.2);
( 0.0, -42.4, 0.0, 1.2);	( -7.1, -49.5, 0.0, 1.2);
( -14.1, -56.6, 0.0, 1.2);	( -21.2, -63.6, 0.0, 1.2);
( -28.3, -70.7, 0.0, 1.2);	( -35.4, -77.8, 0.0, 1.2);
( -42.4, -84.8, 0.0, 1.2);	( -49.5, -91.9, 0.0, 1.2);
( 99.0, 42.4, 0.0, 1.2);	( 91.9, 35.4, 0.0, 1.2);
( 84.8, 28.3, 0.0, 1.2);	( 77.8, 21.2, 0.0, 1.2);
( 70.7, 14.1, 0.0, 1.2);	( 63.6, 7.1, 0.0, 1.2);
( 56.6, 0.0, 0.0, 1.2);	( 49.5, -7.1, 0.0, 1.2);
( 46.0, -10.6, 0.0, 1.2);	( 42.4, -14.1, 0.0, 1.2);
( 40.3, -16.3, 0.0, 1.2);	( 38.9, -17.7, 0.0, 1.2);
( 37.5, -19.1, 0.0, 1.2);	( 36.1, -20.5, 0.0, 1.2);
( 34.7, -21.9, 0.0, 1.2);	( 21.9, -34.7, 0.0, 1.2);
( 20.5, -36.1, 0.0, 1.2);	( 19.1, -37.5, 0.0, 1.2);
( 17.7, -38.9, 0.0, 1.2);	( 16.3, -40.3, 0.0, 1.2);
( 14.1, -42.4, 0.0, 1.2);	( 10.6, -46.0, 0.0, 1.2);
( 7.1, -49.5, 0.0, 1.2);	( 0.0, -56.6, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2);	( -14.1, -70.7, 0.0, 1.2);
( -21.2, -77.8, 0.0, 1.2);	( -28.3, -84.8, 0.0, 1.2);
( -35.4, -91.9, 0.0, 1.2);	( -42.4, -99.0, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 106.1, 35.4, 0.0, 1.2);	( 99.0, 28.3, 0.0, 1.2);
( 91.9, 21.2, 0.0, 1.2);	( 84.8, 14.1, 0.0, 1.2);
( 77.8, 7.1, 0.0, 1.2);	( 70.7, 0.0, 0.0, 1.2);
( 63.6, -7.1, 0.0, 1.2);	( 56.6, -14.1, 0.0, 1.2);
( 53.0, -17.7, 0.0, 1.2);	( 49.5, -21.2, 0.0, 1.2);
( 47.4, -23.3, 0.0, 1.2);	( 46.0, -24.8, 0.0, 1.2);
( 44.5, -26.2, 0.0, 1.2);	( 43.1, -27.6, 0.0, 1.2);
( 41.7, -29.0, 0.0, 1.2);	( 29.0, -41.7, 0.0, 1.2);
( 27.6, -43.1, 0.0, 1.2);	( 26.2, -44.5, 0.0, 1.2);
( 24.8, -46.0, 0.0, 1.2);	( 23.3, -47.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2);	( 17.7, -53.0, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 14.1,	-56.6,	0.0,	1.2);	( 7.1,	-63.6,	0.0,	1.2);
( 0.0,	-70.7,	0.0,	1.2);	( -7.1,	-77.8,	0.0,	1.2);
( -14.1,	-84.8,	0.0,	1.2);	( -21.2,	-91.9,	0.0,	1.2);
( -28.3,	-99.0,	0.0,	1.2);	( -35.4,	-106.1,	0.0,	1.2);
( 113.1,	28.3,	0.0,	1.2);	( 106.1,	21.2,	0.0,	1.2);
( 99.0,	14.1,	0.0,	1.2);	( 91.9,	7.1,	0.0,	1.2);
( 84.8,	0.0,	0.0,	1.2);	( 77.8,	-7.1,	0.0,	1.2);
( 70.7,	-14.1,	0.0,	1.2);	( 63.6,	-21.2,	0.0,	1.2);
( 60.1,	-24.8,	0.0,	1.2);	( 56.6,	-28.3,	0.0,	1.2);
( 54.5,	-30.4,	0.0,	1.2);	( 53.0,	-31.8,	0.0,	1.2);
( 51.6,	-33.2,	0.0,	1.2);	( 50.2,	-34.7,	0.0,	1.2);
( 48.8,	-36.1,	0.0,	1.2);	( 36.1,	-48.8,	0.0,	1.2);
( 34.7,	-50.2,	0.0,	1.2);	( 33.2,	-51.6,	0.0,	1.2);
( 31.8,	-53.0,	0.0,	1.2);	( 30.4,	-54.5,	0.0,	1.2);
( 28.3,	-56.6,	0.0,	1.2);	( 24.8,	-60.1,	0.0,	1.2);
( 21.2,	-63.6,	0.0,	1.2);	( 14.1,	-70.7,	0.0,	1.2);
( 7.1,	-77.8,	0.0,	1.2);	( 0.0,	-84.8,	0.0,	1.2);
( -7.1,	-91.9,	0.0,	1.2);	( -14.1,	-99.0,	0.0,	1.2);
( -21.2,	-106.1,	0.0,	1.2);	( -28.3,	-113.1,	0.0,	1.2);
( 120.2,	21.2,	0.0,	1.2);	( 113.1,	14.1,	0.0,	1.2);
( 106.1,	7.1,	0.0,	1.2);	( 99.0,	0.0,	0.0,	1.2);
( 91.9,	-7.1,	0.0,	1.2);	( 84.8,	-14.1,	0.0,	1.2);
( 77.8,	-21.2,	0.0,	1.2);	( 70.7,	-28.3,	0.0,	1.2);
( 67.2,	-31.8,	0.0,	1.2);	( 63.6,	-35.4,	0.0,	1.2);
( 61.5,	-37.5,	0.0,	1.2);	( 60.1,	-38.9,	0.0,	1.2);
( 58.7,	-40.3,	0.0,	1.2);	( 57.3,	-41.7,	0.0,	1.2);
( 55.9,	-43.1,	0.0,	1.2);	( 43.1,	-55.9,	0.0,	1.2);
( 41.7,	-57.3,	0.0,	1.2);	( 40.3,	-58.7,	0.0,	1.2);
( 38.9,	-60.1,	0.0,	1.2);	( 37.5,	-61.5,	0.0,	1.2);
( 35.4,	-63.6,	0.0,	1.2);	( 31.8,	-67.2,	0.0,	1.2);
( 28.3,	-70.7,	0.0,	1.2);	( 21.2,	-77.8,	0.0,	1.2);
( 14.1,	-84.8,	0.0,	1.2);	( 7.1,	-91.9,	0.0,	1.2);
( 0.0,	-99.0,	0.0,	1.2);	( -7.1,	-106.1,	0.0,	1.2);
( -14.1,	-113.1,	0.0,	1.2);	( -21.2,	-120.2,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 127.3,	14.1,	0.0,	1.2);	( 120.2,	7.1,	0.0,	1.2);
( 113.1,	0.0,	0.0,	1.2);	( 106.1,	-7.1,	0.0,	1.2);
( 99.0,	-14.1,	0.0,	1.2);	( 91.9,	-21.2,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 84.8, -28.3, 0.0, 1.2);	( 77.8, -35.4, 0.0, 1.2);
( 74.2, -38.9, 0.0, 1.2);	( 70.7, -42.4, 0.0, 1.2);
( 68.6, -44.5, 0.0, 1.2);	( 67.2, -46.0, 0.0, 1.2);
( 65.8, -47.4, 0.0, 1.2);	( 64.3, -48.8, 0.0, 1.2);
( 62.9, -50.2, 0.0, 1.2);	( 50.2, -62.9, 0.0, 1.2);
( 48.8, -64.3, 0.0, 1.2);	( 47.4, -65.8, 0.0, 1.2);
( 46.0, -67.2, 0.0, 1.2);	( 44.5, -68.6, 0.0, 1.2);
( 42.4, -70.7, 0.0, 1.2);	( 38.9, -74.2, 0.0, 1.2);
( 35.4, -77.8, 0.0, 1.2);	( 28.3, -84.8, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2);	( 14.1, -99.0, 0.0, 1.2);
( 7.1, -106.1, 0.0, 1.2);	( 0.0, -113.1, 0.0, 1.2);
( -7.1, -120.2, 0.0, 1.2);	( -14.1, -127.3, 0.0, 1.2);
( 134.4, 7.1, 0.0, 1.2);	( 127.3, 0.0, 0.0, 1.2);
( 120.2, -7.1, 0.0, 1.2);	( 113.1, -14.1, 0.0, 1.2);
( 106.1, -21.2, 0.0, 1.2);	( 99.0, -28.3, 0.0, 1.2);
( 91.9, -35.4, 0.0, 1.2);	( 84.8, -42.4, 0.0, 1.2);
( 81.3, -46.0, 0.0, 1.2);	( 77.8, -49.5, 0.0, 1.2);
( 75.7, -51.6, 0.0, 1.2);	( 74.2, -53.0, 0.0, 1.2);
( 72.8, -54.5, 0.0, 1.2);	( 71.4, -55.9, 0.0, 1.2);
( 70.0, -57.3, 0.0, 1.2);	( 57.3, -70.0, 0.0, 1.2);
( 55.9, -71.4, 0.0, 1.2);	( 54.5, -72.8, 0.0, 1.2);
( 53.0, -74.2, 0.0, 1.2);	( 51.6, -75.7, 0.0, 1.2);
( 49.5, -77.8, 0.0, 1.2);	( 46.0, -81.3, 0.0, 1.2);
( 42.4, -84.8, 0.0, 1.2);	( 35.4, -91.9, 0.0, 1.2);
( 28.3, -99.0, 0.0, 1.2);	( 21.2, -106.1, 0.0, 1.2);
( 14.1, -113.1, 0.0, 1.2);	( 7.1, -120.2, 0.0, 1.2);
( 0.0, -127.3, 0.0, 1.2);	( -7.1, -134.4, 0.0, 1.2);
( 141.4, 0.0, 0.0, 1.2);	( 134.4, -7.1, 0.0, 1.2);
( 127.3, -14.1, 0.0, 1.2);	( 120.2, -21.2, 0.0, 1.2);
( 113.1, -28.3, 0.0, 1.2);	( 106.1, -35.4, 0.0, 1.2);
( 99.0, -42.4, 0.0, 1.2);	( 91.9, -49.5, 0.0, 1.2);
( 88.4, -53.0, 0.0, 1.2);	( 84.8, -56.6, 0.0, 1.2);
( 82.7, -58.7, 0.0, 1.2);	( 81.3, -60.1, 0.0, 1.2);
( 79.9, -61.5, 0.0, 1.2);	( 78.5, -62.9, 0.0, 1.2);
( 77.1, -64.3, 0.0, 1.2);	( 64.3, -77.1, 0.0, 1.2);
( 62.9, -78.5, 0.0, 1.2);	( 61.5, -79.9, 0.0, 1.2);
( 60.1, -81.3, 0.0, 1.2);	( 58.7, -82.7, 0.0, 1.2);
( 56.6, -84.8, 0.0, 1.2);	( 53.0, -88.4, 0.0, 1.2);
( 49.5, -91.9, 0.0, 1.2);	( 42.4, -99.0, 0.0, 1.2);
( 35.4, -106.1, 0.0, 1.2);	( 28.3, -113.1, 0.0, 1.2);
( 21.2, -120.2, 0.0, 1.2);	( 14.1, -127.3, 0.0, 1.2);
( 7.1, -134.4, 0.0, 1.2);	( 0.0, -141.4, 0.0, 1.2);

\*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZFLAG)  
(METERS)

( 148.5, -7.1, 0.0, 1.2);	( 141.4, -14.1, 0.0, 1.2);
( 134.4, -21.2, 0.0, 1.2);	( 127.3, -28.3, 0.0, 1.2);
( 120.2, -35.4, 0.0, 1.2);	( 113.1, -42.4, 0.0, 1.2);
( 106.1, -49.5, 0.0, 1.2);	( 99.0, -56.6, 0.0, 1.2);
( 95.5, -60.1, 0.0, 1.2);	( 91.9, -63.6, 0.0, 1.2);
( 89.8, -65.8, 0.0, 1.2);	( 88.4, -67.2, 0.0, 1.2);
( 87.0, -68.6, 0.0, 1.2);	( 85.6, -70.0, 0.0, 1.2);
( 84.2, -71.4, 0.0, 1.2);	( 71.4, -84.2, 0.0, 1.2);
( 70.0, -85.6, 0.0, 1.2);	( 68.6, -87.0, 0.0, 1.2);
( 67.2, -88.4, 0.0, 1.2);	( 65.8, -89.8, 0.0, 1.2);
( 63.6, -91.9, 0.0, 1.2);	( 60.1, -95.5, 0.0, 1.2);
( 56.6, -99.0, 0.0, 1.2);	( 49.5, -106.1, 0.0, 1.2);
( 42.4, -113.1, 0.0, 1.2);	( 35.4, -120.2, 0.0, 1.2);
( 28.3, -127.3, 0.0, 1.2);	( 21.2, -134.4, 0.0, 1.2);
( 14.1, -141.4, 0.0, 1.2);	( 7.1, -148.5, 0.0, 1.2);
( 155.6, -14.1, 0.0, 1.2);	( 148.5, -21.2, 0.0, 1.2);
( 141.4, -28.3, 0.0, 1.2);	( 134.4, -35.4, 0.0, 1.2);
( 127.3, -42.4, 0.0, 1.2);	( 120.2, -49.5, 0.0, 1.2);
( 113.1, -56.6, 0.0, 1.2);	( 106.1, -63.6, 0.0, 1.2);
( 102.5, -67.2, 0.0, 1.2);	( 99.0, -70.7, 0.0, 1.2);
( 96.9, -72.8, 0.0, 1.2);	( 95.5, -74.2, 0.0, 1.2);
( 94.1, -75.7, 0.0, 1.2);	( 92.6, -77.1, 0.0, 1.2);
( 91.2, -78.5, 0.0, 1.2);	( 78.5, -91.2, 0.0, 1.2);
( 77.1, -92.6, 0.0, 1.2);	( 75.7, -94.1, 0.0, 1.2);
( 74.2, -95.5, 0.0, 1.2);	( 72.8, -96.9, 0.0, 1.2);
( 70.7, -99.0, 0.0, 1.2);	( 67.2, -102.5, 0.0, 1.2);
( 63.6, -106.1, 0.0, 1.2);	( 56.6, -113.1, 0.0, 1.2);
( 49.5, -120.2, 0.0, 1.2);	( 42.4, -127.3, 0.0, 1.2);
( 35.4, -134.4, 0.0, 1.2);	( 28.3, -141.4, 0.0, 1.2);
( 21.2, -148.5, 0.0, 1.2);	( 14.1, -155.6, 0.0, 1.2);
( 162.6, -21.2, 0.0, 1.2);	( 155.6, -28.3, 0.0, 1.2);
( 148.5, -35.4, 0.0, 1.2);	( 141.4, -42.4, 0.0, 1.2);
( 134.4, -49.5, 0.0, 1.2);	( 127.3, -56.6, 0.0, 1.2);
( 120.2, -63.6, 0.0, 1.2);	( 113.1, -70.7, 0.0, 1.2);
( 109.6, -74.2, 0.0, 1.2);	( 106.1, -77.8, 0.0, 1.2);
( 103.9, -79.9, 0.0, 1.2);	( 102.5, -81.3, 0.0, 1.2);
( 101.1, -82.7, 0.0, 1.2);	( 99.7, -84.2, 0.0, 1.2);
( 98.3, -85.6, 0.0, 1.2);	( 85.6, -98.3, 0.0, 1.2);
( 84.2, -99.7, 0.0, 1.2);	( 82.7, -101.1, 0.0, 1.2);



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 81.3,	-102.5,	0.0,	1.2);	( 79.9,	-103.9,	0.0,	1.2);
( 77.8,	-106.1,	0.0,	1.2);	( 74.2,	-109.6,	0.0,	1.2);
( 70.7,	-113.1,	0.0,	1.2);	( 63.6,	-120.2,	0.0,	1.2);
( 56.6,	-127.3,	0.0,	1.2);	( 49.5,	-134.4,	0.0,	1.2);
( 42.4,	-141.4,	0.0,	1.2);	( 35.4,	-148.5,	0.0,	1.2);
( 28.3,	-155.6,	0.0,	1.2);	( 21.2,	-162.6,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 169.7,	-28.3,	0.0,	1.2);	( 162.6,	-35.4,	0.0,	1.2);
( 155.6,	-42.4,	0.0,	1.2);	( 148.5,	-49.5,	0.0,	1.2);
( 141.4,	-56.6,	0.0,	1.2);	( 134.4,	-63.6,	0.0,	1.2);
( 127.3,	-70.7,	0.0,	1.2);	( 120.2,	-77.8,	0.0,	1.2);
( 116.7,	-81.3,	0.0,	1.2);	( 113.1,	-84.8,	0.0,	1.2);
( 111.0,	-87.0,	0.0,	1.2);	( 109.6,	-88.4,	0.0,	1.2);
( 108.2,	-89.8,	0.0,	1.2);	( 106.8,	-91.2,	0.0,	1.2);
( 105.4,	-92.6,	0.0,	1.2);	( 92.6,	-105.4,	0.0,	1.2);
( 91.2,	-106.8,	0.0,	1.2);	( 89.8,	-108.2,	0.0,	1.2);
( 88.4,	-109.6,	0.0,	1.2);	( 87.0,	-111.0,	0.0,	1.2);
( 84.8,	-113.1,	0.0,	1.2);	( 81.3,	-116.7,	0.0,	1.2);
( 77.8,	-120.2,	0.0,	1.2);	( 70.7,	-127.3,	0.0,	1.2);
( 63.6,	-134.4,	0.0,	1.2);	( 56.6,	-141.4,	0.0,	1.2);
( 49.5,	-148.5,	0.0,	1.2);	( 42.4,	-155.6,	0.0,	1.2);
( 35.4,	-162.6,	0.0,	1.2);	( 28.3,	-169.7,	0.0,	1.2);
( 176.8,	-35.4,	0.0,	1.2);	( 169.7,	-42.4,	0.0,	1.2);
( 162.6,	-49.5,	0.0,	1.2);	( 155.6,	-56.6,	0.0,	1.2);
( 148.5,	-63.6,	0.0,	1.2);	( 141.4,	-70.7,	0.0,	1.2);
( 134.4,	-77.8,	0.0,	1.2);	( 127.3,	-84.8,	0.0,	1.2);
( 123.7,	-88.4,	0.0,	1.2);	( 120.2,	-91.9,	0.0,	1.2);
( 118.1,	-94.1,	0.0,	1.2);	( 116.7,	-95.5,	0.0,	1.2);
( 115.3,	-96.9,	0.0,	1.2);	( 113.8,	-98.3,	0.0,	1.2);
( 112.4,	-99.7,	0.0,	1.2);	( 99.7,	-112.4,	0.0,	1.2);
( 98.3,	-113.8,	0.0,	1.2);	( 96.9,	-115.3,	0.0,	1.2);
( 95.5,	-116.7,	0.0,	1.2);	( 94.1,	-118.1,	0.0,	1.2);
( 91.9,	-120.2,	0.0,	1.2);	( 88.4,	-123.7,	0.0,	1.2);
( 84.8,	-127.3,	0.0,	1.2);	( 77.8,	-134.4,	0.0,	1.2);
( 70.7,	-141.4,	0.0,	1.2);	( 63.6,	-148.5,	0.0,	1.2);
( 56.6,	-155.6,	0.0,	1.2);	( 49.5,	-162.6,	0.0,	1.2);
( 42.4,	-169.7,	0.0,	1.2);	( 35.4,	-176.8,	0.0,	1.2);
( 183.9,	-42.4,	0.0,	1.2);	( 176.8,	-49.5,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.7,	-56.6,	0.0,	1.2);	( 162.6,	-63.6,	0.0,	1.2);
( 155.6,	-70.7,	0.0,	1.2);	( 148.5,	-77.8,	0.0,	1.2);
( 141.4,	-84.8,	0.0,	1.2);	( 134.4,	-91.9,	0.0,	1.2);
( 130.8,	-95.5,	0.0,	1.2);	( 127.3,	-99.0,	0.0,	1.2);
( 125.2,	-101.1,	0.0,	1.2);	( 123.7,	-102.5,	0.0,	1.2);
( 122.3,	-103.9,	0.0,	1.2);	( 120.9,	-105.4,	0.0,	1.2);
( 119.5,	-106.8,	0.0,	1.2);	( 106.8,	-119.5,	0.0,	1.2);
( 105.4,	-120.9,	0.0,	1.2);	( 103.9,	-122.3,	0.0,	1.2);
( 102.5,	-123.7,	0.0,	1.2);	( 101.1,	-125.2,	0.0,	1.2);
( 99.0,	-127.3,	0.0,	1.2);	( 95.5,	-130.8,	0.0,	1.2);
( 91.9,	-134.4,	0.0,	1.2);	( 84.8,	-141.4,	0.0,	1.2);
( 77.8,	-148.5,	0.0,	1.2);	( 70.7,	-155.6,	0.0,	1.2);
( 63.6,	-162.6,	0.0,	1.2);	( 56.6,	-169.7,	0.0,	1.2);
( 49.5,	-176.8,	0.0,	1.2);	( 42.4,	-183.9,	0.0,	1.2);

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 190.9,	-49.5,	0.0,	1.2);	( 183.9,	-56.6,	0.0,	1.2);
( 176.8,	-63.6,	0.0,	1.2);	( 169.7,	-70.7,	0.0,	1.2);
( 162.6,	-77.8,	0.0,	1.2);	( 155.6,	-84.8,	0.0,	1.2);
( 148.5,	-91.9,	0.0,	1.2);	( 141.4,	-99.0,	0.0,	1.2);
( 137.9,	-102.5,	0.0,	1.2);	( 134.4,	-106.1,	0.0,	1.2);
( 132.2,	-108.2,	0.0,	1.2);	( 130.8,	-109.6,	0.0,	1.2);
( 129.4,	-111.0,	0.0,	1.2);	( 128.0,	-112.4,	0.0,	1.2);
( 126.6,	-113.8,	0.0,	1.2);	( 113.8,	-126.6,	0.0,	1.2);
( 112.4,	-128.0,	0.0,	1.2);	( 111.0,	-129.4,	0.0,	1.2);
( 109.6,	-130.8,	0.0,	1.2);	( 108.2,	-132.2,	0.0,	1.2);
( 106.1,	-134.4,	0.0,	1.2);	( 102.5,	-137.9,	0.0,	1.2);
( 99.0,	-141.4,	0.0,	1.2);	( 91.9,	-148.5,	0.0,	1.2);
( 84.8,	-155.6,	0.0,	1.2);	( 77.8,	-162.6,	0.0,	1.2);
( 70.7,	-169.7,	0.0,	1.2);	( 63.6,	-176.8,	0.0,	1.2);
( 56.6,	-183.9,	0.0,	1.2);	( 49.5,	-190.9,	0.0,	1.2);
( 198.0,	-56.6,	0.0,	1.2);	( 190.9,	-63.6,	0.0,	1.2);
( 183.9,	-70.7,	0.0,	1.2);	( 176.8,	-77.8,	0.0,	1.2);
( 169.7,	-84.8,	0.0,	1.2);	( 162.6,	-91.9,	0.0,	1.2);
( 155.6,	-99.0,	0.0,	1.2);	( 148.5,	-106.1,	0.0,	1.2);
( 145.0,	-109.6,	0.0,	1.2);	( 141.4,	-113.1,	0.0,	1.2);
( 139.3,	-115.3,	0.0,	1.2);	( 137.9,	-116.7,	0.0,	1.2);
( 136.5,	-118.1,	0.0,	1.2);	( 135.1,	-119.5,	0.0,	1.2);
( 133.6,	-120.9,	0.0,	1.2);	( 120.9,	-133.6,	0.0,	1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 119.5, -135.1, 0.0, 1.2);	( 118.1, -136.5, 0.0, 1.2);
( 116.7, -137.9, 0.0, 1.2);	( 115.3, -139.3, 0.0, 1.2);
( 113.1, -141.4, 0.0, 1.2);	( 109.6, -145.0, 0.0, 1.2);
( 106.1, -148.5, 0.0, 1.2);	( 99.0, -155.6, 0.0, 1.2);
( 91.9, -162.6, 0.0, 1.2);	( 84.8, -169.7, 0.0, 1.2);
( 77.8, -176.8, 0.0, 1.2);	( 70.7, -183.9, 0.0, 1.2);
( 63.6, -190.9, 0.0, 1.2);	( 56.6, -198.0, 0.0, 1.2);
( 205.1, -63.6, 0.0, 1.2);	( 198.0, -70.7, 0.0, 1.2);
( 190.9, -77.8, 0.0, 1.2);	( 183.9, -84.8, 0.0, 1.2);
( 176.8, -91.9, 0.0, 1.2);	( 169.7, -99.0, 0.0, 1.2);
( 162.6, -106.1, 0.0, 1.2);	( 155.6, -113.1, 0.0, 1.2);
( 152.0, -116.7, 0.0, 1.2);	( 148.5, -120.2, 0.0, 1.2);
( 146.4, -122.3, 0.0, 1.2);	( 145.0, -123.7, 0.0, 1.2);
( 143.5, -125.2, 0.0, 1.2);	( 142.1, -126.6, 0.0, 1.2);
( 140.7, -128.0, 0.0, 1.2);	( 128.0, -140.7, 0.0, 1.2);
( 126.6, -142.1, 0.0, 1.2);	( 125.2, -143.5, 0.0, 1.2);
( 123.7, -145.0, 0.0, 1.2);	( 122.3, -146.4, 0.0, 1.2);
( 120.2, -148.5, 0.0, 1.2);	( 116.7, -152.0, 0.0, 1.2);
( 113.1, -155.6, 0.0, 1.2);	( 106.1, -162.6, 0.0, 1.2);
( 99.0, -169.7, 0.0, 1.2);	( 91.9, -176.8, 0.0, 1.2);
( 84.8, -183.9, 0.0, 1.2);	( 77.8, -190.9, 0.0, 1.2);
( 70.7, -198.0, 0.0, 1.2);	( 63.6, -205.1, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 212.1, -70.7, 0.0, 1.2);	( 205.1, -77.8, 0.0, 1.2);
( 198.0, -84.8, 0.0, 1.2);	( 190.9, -91.9, 0.0, 1.2);
( 183.9, -99.0, 0.0, 1.2);	( 176.8, -106.1, 0.0, 1.2);
( 169.7, -113.1, 0.0, 1.2);	( 162.6, -120.2, 0.0, 1.2);
( 159.1, -123.7, 0.0, 1.2);	( 155.6, -127.3, 0.0, 1.2);
( 153.4, -129.4, 0.0, 1.2);	( 152.0, -130.8, 0.0, 1.2);
( 150.6, -132.2, 0.0, 1.2);	( 149.2, -133.6, 0.0, 1.2);
( 147.8, -135.1, 0.0, 1.2);	( 135.1, -147.8, 0.0, 1.2);
( 133.6, -149.2, 0.0, 1.2);	( 132.2, -150.6, 0.0, 1.2);
( 130.8, -152.0, 0.0, 1.2);	( 129.4, -153.4, 0.0, 1.2);
( 127.3, -155.6, 0.0, 1.2);	( 123.7, -159.1, 0.0, 1.2);
( 120.2, -162.6, 0.0, 1.2);	( 113.1, -169.7, 0.0, 1.2);
( 106.1, -176.8, 0.0, 1.2);	( 99.0, -183.9, 0.0, 1.2);
( 91.9, -190.9, 0.0, 1.2);	( 84.8, -198.0, 0.0, 1.2);
( 77.8, -205.1, 0.0, 1.2);	( 70.7, -212.1, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 219.2, -77.8, 0.0, 1.2);	( 212.1, -84.8, 0.0, 1.2);
( 205.1, -91.9, 0.0, 1.2);	( 198.0, -99.0, 0.0, 1.2);
( 190.9, -106.1, 0.0, 1.2);	( 183.9, -113.1, 0.0, 1.2);
( 176.8, -120.2, 0.0, 1.2);	( 169.7, -127.3, 0.0, 1.2);
( 166.2, -130.8, 0.0, 1.2);	( 162.6, -134.4, 0.0, 1.2);
( 160.5, -136.5, 0.0, 1.2);	( 159.1, -137.9, 0.0, 1.2);
( 157.7, -139.3, 0.0, 1.2);	( 156.3, -140.7, 0.0, 1.2);
( 154.9, -142.1, 0.0, 1.2);	( 142.1, -154.9, 0.0, 1.2);
( 140.7, -156.3, 0.0, 1.2);	( 139.3, -157.7, 0.0, 1.2);
( 137.9, -159.1, 0.0, 1.2);	( 136.5, -160.5, 0.0, 1.2);
( 134.4, -162.6, 0.0, 1.2);	( 130.8, -166.2, 0.0, 1.2);
( 127.3, -169.7, 0.0, 1.2);	( 120.2, -176.8, 0.0, 1.2);
( 113.1, -183.9, 0.0, 1.2);	( 106.1, -190.9, 0.0, 1.2);
( 99.0, -198.0, 0.0, 1.2);	( 91.9, -205.1, 0.0, 1.2);
( 84.8, -212.1, 0.0, 1.2);	( 77.8, -219.2, 0.0, 1.2);
( 226.3, -84.8, 0.0, 1.2);	( 219.2, -91.9, 0.0, 1.2);
( 212.1, -99.0, 0.0, 1.2);	( 205.1, -106.1, 0.0, 1.2);
( 198.0, -113.1, 0.0, 1.2);	( 190.9, -120.2, 0.0, 1.2);
( 183.9, -127.3, 0.0, 1.2);	( 176.8, -134.4, 0.0, 1.2);
( 173.2, -137.9, 0.0, 1.2);	( 169.7, -141.4, 0.0, 1.2);
( 167.6, -143.5, 0.0, 1.2);	( 166.2, -145.0, 0.0, 1.2);
( 164.8, -146.4, 0.0, 1.2);	( 163.3, -147.8, 0.0, 1.2);
( 161.9, -149.2, 0.0, 1.2);	( 149.2, -161.9, 0.0, 1.2);
( 147.8, -163.3, 0.0, 1.2);	( 146.4, -164.8, 0.0, 1.2);
( 145.0, -166.2, 0.0, 1.2);	( 143.5, -167.6, 0.0, 1.2);
( 141.4, -169.7, 0.0, 1.2);	( 137.9, -173.2, 0.0, 1.2);
( 134.4, -176.8, 0.0, 1.2);	( 127.3, -183.9, 0.0, 1.2);
( 120.2, -190.9, 0.0, 1.2);	( 113.1, -198.0, 0.0, 1.2);
( 106.1, -205.1, 0.0, 1.2);	( 99.0, -212.1, 0.0, 1.2);
( 91.9, -219.2, 0.0, 1.2);	( 84.8, -226.3, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( 233.4, -91.9, 0.0, 1.2);	( 226.3, -99.0, 0.0, 1.2);
( 219.2, -106.1, 0.0, 1.2);	( 212.1, -113.1, 0.0, 1.2);
( 205.1, -120.2, 0.0, 1.2);	( 198.0, -127.3, 0.0, 1.2);
( 190.9, -134.4, 0.0, 1.2);	( 183.9, -141.4, 0.0, 1.2);
( 180.3, -145.0, 0.0, 1.2);	( 176.8, -148.5, 0.0, 1.2);
( 174.7, -150.6, 0.0, 1.2);	( 173.2, -152.0, 0.0, 1.2);
( 171.8, -153.4, 0.0, 1.2);	( 170.4, -154.9, 0.0, 1.2);

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

( 169.0,	-156.3,	0.0,	1.2);	( 156.3,	-169.0,	0.0,	1.2);
( 154.9,	-170.4,	0.0,	1.2);	( 153.4,	-171.8,	0.0,	1.2);
( 152.0,	-173.2,	0.0,	1.2);	( 150.6,	-174.7,	0.0,	1.2);
( 148.5,	-176.8,	0.0,	1.2);	( 145.0,	-180.3,	0.0,	1.2);
( 141.4,	-183.9,	0.0,	1.2);	( 134.4,	-190.9,	0.0,	1.2);
( 127.3,	-198.0,	0.0,	1.2);	( 120.2,	-205.1,	0.0,	1.2);
( 113.1,	-212.1,	0.0,	1.2);	( 106.1,	-219.2,	0.0,	1.2);
( 99.0,	-226.3,	0.0,	1.2);	( 91.9,	-233.4,	0.0,	1.2);
( 240.4,	-99.0,	0.0,	1.2);	( 233.4,	-106.1,	0.0,	1.2);
( 226.3,	-113.1,	0.0,	1.2);	( 219.2,	-120.2,	0.0,	1.2);
( 212.1,	-127.3,	0.0,	1.2);	( 205.1,	-134.4,	0.0,	1.2);
( 198.0,	-141.4,	0.0,	1.2);	( 190.9,	-148.5,	0.0,	1.2);
( 187.4,	-152.0,	0.0,	1.2);	( 183.9,	-155.6,	0.0,	1.2);
( 181.7,	-157.7,	0.0,	1.2);	( 180.3,	-159.1,	0.0,	1.2);
( 178.9,	-160.5,	0.0,	1.2);	( 177.5,	-161.9,	0.0,	1.2);
( 176.1,	-163.3,	0.0,	1.2);	( 163.3,	-176.1,	0.0,	1.2);
( 161.9,	-177.5,	0.0,	1.2);	( 160.5,	-178.9,	0.0,	1.2);
( 159.1,	-180.3,	0.0,	1.2);	( 157.7,	-181.7,	0.0,	1.2);
( 155.6,	-183.9,	0.0,	1.2);	( 152.0,	-187.4,	0.0,	1.2);
( 148.5,	-190.9,	0.0,	1.2);	( 141.4,	-198.0,	0.0,	1.2);
( 134.4,	-205.1,	0.0,	1.2);	( 127.3,	-212.1,	0.0,	1.2);
( 120.2,	-219.2,	0.0,	1.2);	( 113.1,	-226.3,	0.0,	1.2);
( 106.1,	-233.4,	0.0,	1.2);	( 99.0,	-240.4,	0.0,	1.2);
( 247.5,	-106.1,	0.0,	1.2);	( 240.4,	-113.1,	0.0,	1.2);
( 233.4,	-120.2,	0.0,	1.2);	( 226.3,	-127.3,	0.0,	1.2);
( 219.2,	-134.4,	0.0,	1.2);	( 212.1,	-141.4,	0.0,	1.2);
( 205.1,	-148.5,	0.0,	1.2);	( 198.0,	-155.6,	0.0,	1.2);
( 194.4,	-159.1,	0.0,	1.2);	( 190.9,	-162.6,	0.0,	1.2);
( 188.8,	-164.8,	0.0,	1.2);	( 187.4,	-166.2,	0.0,	1.2);
( 186.0,	-167.6,	0.0,	1.2);	( 184.6,	-169.0,	0.0,	1.2);
( 183.1,	-170.4,	0.0,	1.2);	( 170.4,	-183.1,	0.0,	1.2);
( 169.0,	-184.6,	0.0,	1.2);	( 167.6,	-186.0,	0.0,	1.2);
( 166.2,	-187.4,	0.0,	1.2);	( 164.8,	-188.8,	0.0,	1.2);
( 162.6,	-190.9,	0.0,	1.2);	( 159.1,	-194.4,	0.0,	1.2);
( 155.6,	-198.0,	0.0,	1.2);	( 148.5,	-205.1,	0.0,	1.2);
( 141.4,	-212.1,	0.0,	1.2);	( 134.4,	-219.2,	0.0,	1.2);
( 127.3,	-226.3,	0.0,	1.2);	( 120.2,	-233.4,	0.0,	1.2);
( 113.1,	-240.4,	0.0,	1.2);	( 106.1,	-247.5,	0.0,	1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* METEOROLOGICAL DAYS SELECTED FOR PROCESSING \*\*\*  
(1=YES; 0=NO)



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00003	-113.14	240.42	0.00003
-120.21	233.35	0.00003	-127.28	226.27	0.00003
-134.35	219.20	0.00003	-141.42	212.13	0.00004
-148.49	205.06	0.00004	-155.56	197.99	0.00004
-159.10	194.45	0.00004	-162.63	190.92	0.00004
-164.76	188.80	0.00004	-166.17	187.38	0.00004
-167.58	185.97	0.00004	-169.00	184.55	0.00004
-170.41	183.14	0.00004	-183.14	170.41	0.00004
-184.55	169.00	0.00004	-185.97	167.58	0.00004
-187.38	166.17	0.00004	-188.80	164.76	0.00004
-190.92	162.63	0.00004	-194.45	159.10	0.00004
-197.99	155.56	0.00004	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00003	-106.07	233.35	0.00003
-113.14	226.27	0.00003	-120.21	219.20	0.00003

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.28	212.13	0.00004	-134.35	205.06	0.00004
-141.42	197.99	0.00004	-148.49	190.92	0.00004
-152.03	187.38	0.00004	-155.56	183.85	0.00004
-157.68	181.73	0.00004	-159.10	180.31	0.00004
-160.51	178.90	0.00004	-161.93	177.48	0.00004
-163.34	176.07	0.00004	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00004	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00003	-98.99	226.27	0.00003
-106.07	219.20	0.00003	-113.14	212.13	0.00004
-120.21	205.06	0.00004	-127.28	197.99	0.00004
-134.35	190.92	0.00004	-141.42	183.85	0.00004
-144.96	180.31	0.00004	-148.49	176.78	0.00004
-150.61	174.66	0.00004	-152.03	173.24	0.00004
-153.44	171.83	0.00004	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	99.00	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00003	-91.92	219.20	0.00003
-98.99	212.13	0.00004	-106.07	205.06	0.00004
-113.14	197.99	0.00004	-120.21	190.92	0.00004
-127.28	183.85	0.00004	-134.35	176.78	0.00004
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00004	-212.13	99.00	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00003	-84.85	212.13	0.00004
-91.92	205.06	0.00004	-98.99	197.99	0.00004
-106.07	190.92	0.00004	-113.14	183.85	0.00004
-120.21	176.78	0.00004	-127.28	169.71	0.00005
-130.81	166.17	0.00005	-134.35	162.63	0.00005
-136.47	160.51	0.00005	-137.89	159.10	0.00005
-139.30	157.68	0.00005	-140.71	156.27	0.00005
-142.13	154.86	0.00005	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	99.00	0.00005	-205.06	91.92	0.00004
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00004	-77.78	205.06	0.00004
-84.85	197.99	0.00004	-91.92	190.92	0.00004
-98.99	183.85	0.00004	-106.07	176.78	0.00004
-113.14	169.71	0.00005	-120.21	162.63	0.00005
-123.74	159.10	0.00005	-127.28	155.56	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00005	-130.81	152.03	0.00005
-132.23	150.61	0.00005	-133.64	149.20	0.00005
-135.06	147.79	0.00005	-147.79	135.06	0.00005
-149.20	133.64	0.00005	-150.61	132.23	0.00005
-152.03	130.81	0.00005	-153.44	129.40	0.00005

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-155.56	127.28	0.00005	-159.10	123.74	0.00005
-162.63	120.21	0.00005	-169.71	113.14	0.00005
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00004
-63.64	205.06	0.00004	-70.71	197.99	0.00004
-77.78	190.92	0.00004	-84.85	183.85	0.00004
-91.92	176.78	0.00004	-98.99	169.71	0.00005
-106.07	162.63	0.00005	-113.14	155.56	0.00005
-116.67	152.03	0.00005	-120.21	148.49	0.00005
-122.33	146.37	0.00005	-123.74	144.96	0.00005
-125.16	143.54	0.00005	-126.57	142.13	0.00005
-127.99	140.71	0.00005	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00005
-169.71	98.99	0.00005	-176.78	91.92	0.00005
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00004	-63.64	190.92	0.00004
-70.71	183.85	0.00004	-77.78	176.78	0.00004
-84.85	169.71	0.00005	-91.92	162.63	0.00005
-98.99	155.56	0.00005	-106.07	148.49	0.00005
-109.60	144.96	0.00005	-113.14	141.42	0.00006
-115.26	139.30	0.00006	-116.67	137.89	0.00006
-118.09	136.47	0.00006	-119.50	135.06	0.00006
-120.92	133.64	0.00006	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00006
-148.49	106.07	0.00006	-155.56	98.99	0.00006
-162.63	91.92	0.00006	-169.71	84.85	0.00005
-176.78	77.78	0.00005	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:49:41  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00004	-56.57	183.85	0.00004
-63.64	176.78	0.00004	-70.71	169.71	0.00005
-77.78	162.63	0.00005	-84.85	155.56	0.00005
-91.92	148.49	0.00005	-98.99	141.42	0.00006
-102.53	137.89	0.00006	-106.07	134.35	0.00006
-108.19	132.23	0.00006	-109.60	130.81	0.00006
-111.02	129.40	0.00006	-112.43	127.99	0.00006
-113.84	126.57	0.00006	-126.57	113.84	0.00006
-127.99	112.43	0.00006	-129.40	111.02	0.00006
-130.81	109.60	0.00006	-132.23	108.19	0.00006
-134.35	106.07	0.00006	-137.89	102.53	0.00006
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00006	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00004	-49.50	176.78	0.00004
-56.57	169.71	0.00005	-63.64	162.63	0.00005
-70.71	155.56	0.00005	-77.78	148.49	0.00005
-84.85	141.42	0.00006	-91.92	134.35	0.00006
-95.46	130.81	0.00006	-98.99	127.28	0.00006
-101.12	125.16	0.00006	-102.53	123.74	0.00006
-103.94	122.33	0.00006	-105.36	120.92	0.00006
-106.77	119.50	0.00006	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00007
-127.28	98.99	0.00007	-130.81	95.46	0.00007
-134.35	91.92	0.00007	-141.42	84.85	0.00006
-148.49	77.78	0.00006	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00004	-42.43	169.71	0.00005
-49.50	162.63	0.00005	-56.57	155.56	0.00005
-63.64	148.49	0.00005	-70.71	141.42	0.00006
-77.78	134.35	0.00006	-84.85	127.28	0.00006
-88.39	123.74	0.00006	-91.92	120.21	0.00006
-94.05	118.09	0.00007	-95.46	116.67	0.00007
-96.87	115.26	0.00007	-98.29	113.84	0.00007
-99.70	112.43	0.00007	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00007
-127.28	84.85	0.00007	-134.35	77.78	0.00007
-141.42	70.71	0.00007	-148.49	63.64	0.00006
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00004	-35.36	162.63	0.00005
-42.43	155.56	0.00005	-49.50	148.49	0.00005
-56.57	141.42	0.00006	-63.64	134.35	0.00006
-70.71	127.28	0.00006	-77.78	120.21	0.00007
-81.32	116.67	0.00007	-84.85	113.14	0.00007
-86.97	111.02	0.00007	-88.39	109.60	0.00007
-89.80	108.19	0.00007	-91.22	106.77	0.00007
-92.63	105.36	0.00007	-105.36	92.63	0.00007
-106.77	91.22	0.00007	-108.19	89.80	0.00007
-109.60	88.39	0.00007	-111.02	86.97	0.00007
-113.14	84.85	0.00007	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00005	-28.28	155.56	0.00005
-35.36	148.49	0.00005	-42.43	141.42	0.00006
-49.50	134.35	0.00006	-56.57	127.28	0.00006
-63.64	120.21	0.00007	-70.71	113.14	0.00007
-74.25	109.60	0.00007	-77.78	106.07	0.00007
-79.90	103.94	0.00007	-81.32	102.53	0.00007
-82.73	101.12	0.00007	-84.15	99.70	0.00008
-85.56	98.29	0.00008	-98.29	85.56	0.00008
-99.70	84.15	0.00008	-101.12	82.73	0.00008
-102.53	81.32	0.00008	-103.94	79.90	0.00008
-106.07	77.78	0.00008	-109.60	74.25	0.00008
-113.14	70.71	0.00008	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00006	-162.63	21.21	0.00006
-14.14	155.56	0.00005	-21.21	148.49	0.00005
-28.28	141.42	0.00006	-35.36	134.35	0.00006

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-42.43	127.28	0.00006	-49.50	120.21	0.00007
-56.57	113.14	0.00007	-63.64	106.07	0.00007
-67.18	102.53	0.00008	-70.71	98.99	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00008	-74.25	95.46	0.00008
-75.66	94.05	0.00008	-77.07	92.63	0.00008
-78.49	91.22	0.00008	-91.22	78.49	0.00008
-92.63	77.07	0.00008	-94.05	75.66	0.00008
-95.46	74.25	0.00008	-96.87	72.83	0.00008
-98.99	70.71	0.00008	-102.53	67.18	0.00008
-106.07	63.64	0.00008	-113.14	56.57	0.00008
-120.21	49.50	0.00008	-127.28	42.43	0.00007
-134.35	35.36	0.00007	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00005	-14.14	141.42	0.00005
-21.21	134.35	0.00006	-28.28	127.28	0.00006
-35.36	120.21	0.00006	-42.43	113.14	0.00007
-49.50	106.07	0.00007	-56.57	98.99	0.00008
-60.10	95.46	0.00008	-63.64	91.92	0.00008
-65.76	89.80	0.00008	-67.18	88.39	0.00008
-68.59	86.97	0.00008	-70.00	85.56	0.00009
-71.42	84.15	0.00009	-84.15	71.42	0.00009
-85.56	70.00	0.00009	-86.97	68.59	0.00009
-88.39	67.18	0.00009	-89.80	65.76	0.00009
-91.92	63.64	0.00009	-95.46	60.10	0.00009
-98.99	56.57	0.00009	-106.07	49.50	0.00008
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00008	-134.35	21.21	0.00007
-141.42	14.14	0.00007	-148.49	7.07	0.00007
0.00	141.42	0.00005	-7.07	134.35	0.00006
-14.14	127.28	0.00006	-21.21	120.21	0.00006
-28.28	113.14	0.00007	-35.36	106.07	0.00007
-42.43	98.99	0.00008	-49.50	91.92	0.00008
-53.03	88.39	0.00008	-56.57	84.85	0.00009
-58.69	82.73	0.00009	-60.10	81.32	0.00009

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-61.52	79.90	0.00009	-62.93	78.49	0.00009
-64.35	77.07	0.00009	-77.07	64.35	0.00010
-78.49	62.93	0.00010	-79.90	61.52	0.00010
-81.32	60.10	0.00010	-82.73	58.69	0.00010
-84.85	56.57	0.00009	-88.39	53.03	0.00009
-91.92	49.50	0.00009	-98.99	42.43	0.00009
-106.07	35.36	0.00009	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00006	0.00	127.28	0.00006
-7.07	120.21	0.00006	-14.14	113.14	0.00007
-21.21	106.07	0.00007	-28.28	98.99	0.00008
-35.36	91.92	0.00008	-42.43	84.85	0.00009
-45.96	81.32	0.00009	-49.50	77.78	0.00009
-51.62	75.66	0.00009	-53.03	74.25	0.00010
-54.45	72.83	0.00010	-55.86	71.42	0.00010
-57.28	70.00	0.00010	-70.00	57.28	0.00010
-71.42	55.86	0.00010	-72.83	54.45	0.00010
-74.25	53.03	0.00010	-75.66	51.62	0.00010
-77.78	49.50	0.00010	-81.32	45.96	0.00010
-84.85	42.43	0.00010	-91.92	35.36	0.00010
-98.99	28.28	0.00009	-106.07	21.21	0.00009
-113.14	14.14	0.00008	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00006	7.07	120.21	0.00006
0.00	113.14	0.00007	-7.07	106.07	0.00007
-14.14	98.99	0.00008	-21.21	91.92	0.00008
-28.28	84.85	0.00009	-35.36	77.78	0.00009
-38.89	74.25	0.00010	-42.43	70.71	0.00010
-44.55	68.59	0.00010	-45.96	67.18	0.00010
-47.38	65.76	0.00010	-48.79	64.35	0.00010
-50.20	62.93	0.00011	-62.93	50.20	0.00011
-64.35	48.79	0.00011	-65.76	47.38	0.00011
-67.18	45.96	0.00011	-68.59	44.55	0.00011

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	42.43	0.00011	-74.25	38.89	0.00011
-77.78	35.36	0.00011	-84.85	28.28	0.00010
-91.92	21.21	0.00010	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00009
21.21	120.21	0.00006	14.14	113.14	0.00007
7.07	106.07	0.00007	0.00	98.99	0.00008
-7.07	91.92	0.00008	-14.14	84.85	0.00009
-21.21	77.78	0.00009	-28.28	70.71	0.00010
-31.82	67.18	0.00010	-35.36	63.64	0.00011
-37.48	61.52	0.00011	-38.89	60.10	0.00011
-40.31	58.69	0.00011	-41.72	57.28	0.00011
-43.13	55.86	0.00011	-55.86	43.13	0.00012
-57.28	41.72	0.00012	-58.69	40.31	0.00012
-60.10	38.89	0.00012	-61.52	37.48	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00012	-67.18	31.82	0.00012
-70.71	28.28	0.00011	-77.78	21.21	0.00011
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00006	21.21	106.07	0.00007
14.14	98.99	0.00007	7.07	91.92	0.00008
0.00	84.85	0.00009	-7.07	77.78	0.00009
-14.14	70.71	0.00010	-21.21	63.64	0.00011
-24.75	60.10	0.00011	-28.28	56.57	0.00011
-30.41	54.45	0.00012	-31.82	53.03	0.00012
-33.23	51.62	0.00012	-34.65	50.20	0.00012
-36.06	48.79	0.00012	-48.79	36.06	0.00013
-50.20	34.65	0.00013	-51.62	33.23	0.00013
-53.03	31.82	0.00013	-54.45	30.41	0.00013
-56.57	28.28	0.00013	-60.10	24.75	0.00012
-63.64	21.21	0.00012	-70.71	14.14	0.00012
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00010	-98.99	-14.14	0.00010

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00010
35.36	106.07	0.00007	28.28	98.99	0.00007
21.21	91.92	0.00008	14.14	84.85	0.00009
7.07	77.78	0.00009	0.00	70.71	0.00010
-7.07	63.64	0.00011	-14.14	56.57	0.00012
-17.68	53.03	0.00012	-21.21	49.50	0.00012
-23.33	47.38	0.00013	-24.75	45.96	0.00013
-26.16	44.55	0.00013	-27.58	43.13	0.00013
-28.99	41.72	0.00013	-41.72	28.99	0.00014
-43.13	27.58	0.00014	-44.55	26.16	0.00014
-45.96	24.75	0.00014	-47.38	23.33	0.00014
-49.50	21.21	0.00014	-53.03	17.68	0.00013
-56.57	14.14	0.00013	-63.64	7.07	0.00013
-70.71	0.00	0.00012	-77.78	-7.07	0.00011
-84.85	-14.14	0.00011	-91.92	-21.21	0.00011
-98.99	-28.28	0.00011	-106.07	-35.36	0.00011
42.43	98.99	0.00007	35.36	91.92	0.00008
28.28	84.85	0.00008	21.21	77.78	0.00009
14.14	70.71	0.00010	7.07	63.64	0.00011
0.00	56.57	0.00011	-7.07	49.50	0.00012
-10.61	45.96	0.00013	-14.14	42.43	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00014	-17.68	38.89	0.00014
-19.09	37.48	0.00014	-20.51	36.06	0.00014
-21.92	34.65	0.00014	-34.65	21.92	0.00015
-36.06	20.51	0.00015	-37.48	19.09	0.00015
-38.89	17.68	0.00015	-40.31	16.26	0.00015
-42.43	14.14	0.00015	-45.96	10.61	0.00014
-49.50	7.07	0.00014	-56.57	0.00	0.00013
-63.64	-7.07	0.00013	-70.71	-14.14	0.00012
-77.78	-21.21	0.00012	-84.85	-28.28	0.00012
-91.92	-35.36	0.00012	-98.99	-42.43	0.00011
49.50	91.92	0.00007	42.43	84.85	0.00008
35.36	77.78	0.00009	28.28	70.71	0.00010
21.21	63.64	0.00011	14.14	56.57	0.00011



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	49.50	0.00012	0.00	42.43	0.00013
-3.54	38.89	0.00014	-7.07	35.36	0.00015
-9.19	33.23	0.00015	-10.61	31.82	0.00015
-12.02	30.41	0.00015	-13.44	28.99	0.00015
-14.85	27.58	0.00016	-27.58	14.85	0.00016
-28.99	13.44	0.00016	-30.41	12.02	0.00016
-31.82	10.61	0.00016	-33.23	9.19	0.00016
-35.36	7.07	0.00016	-38.89	3.54	0.00016
-42.43	0.00	0.00015	-49.50	-7.07	0.00015
-56.57	-14.14	0.00014	-63.64	-21.21	0.00013
-70.71	-28.28	0.00013	-77.78	-35.36	0.00013
-84.85	-42.43	0.00013	-91.92	-49.50	0.00012
56.57	84.85	0.00007	49.50	77.78	0.00008
42.43	70.71	0.00009	35.36	63.64	0.00010
28.28	56.57	0.00011	21.21	49.50	0.00012
14.14	42.43	0.00013	7.07	35.36	0.00015
3.54	31.82	0.00015	0.00	28.28	0.00016
-2.12	26.16	0.00016	-3.54	24.75	0.00016
-4.95	23.33	0.00017	-6.36	21.92	0.00017
-7.78	20.51	0.00017	-20.51	7.78	0.00018
-21.92	6.36	0.00018	-23.33	4.95	0.00018
-24.75	3.54	0.00018	-26.16	2.12	0.00018
-28.28	0.00	0.00018	-31.82	-3.54	0.00017
-35.36	-7.07	0.00017	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00015
-63.64	-35.36	0.00014	-70.71	-42.43	0.00014
-77.78	-49.50	0.00014	-84.85	-56.57	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 32  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00007	56.57	70.71	0.00008
49.50	63.64	0.00010	42.43	56.57	0.00011
35.36	49.50	0.00012	28.28	42.43	0.00013
21.21	35.36	0.00014	14.14	28.28	0.00016
10.61	24.75	0.00017	7.07	21.21	0.00017
4.95	19.09	0.00018	3.54	17.68	0.00018
2.12	16.26	0.00018	0.71	14.85	0.00019

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-0.71	13.44	0.00019	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00020
-21.21	-7.07	0.00019	-24.75	-10.61	0.00019
-28.28	-14.14	0.00018	-35.36	-21.21	0.00017
-42.43	-28.28	0.00016	-49.50	-35.36	0.00016
-56.57	-42.43	0.00016	-63.64	-49.50	0.00015
-70.71	-56.57	0.00015	-77.78	-63.64	0.00014
70.71	70.71	0.00008	63.64	63.64	0.00009
56.57	56.57	0.00010	49.50	49.50	0.00011
42.43	42.43	0.00013	35.36	35.36	0.00014
28.28	28.28	0.00016	21.21	21.21	0.00017
17.68	17.68	0.00018	14.14	14.14	0.00019
12.02	12.02	0.00020	10.61	10.61	0.00020
9.19	9.19	0.00020	7.78	7.78	0.00021
6.36	6.36	0.00021	-6.36	-6.36	0.00022
-7.78	-7.78	0.00022	-9.19	-9.19	0.00022
-10.61	-10.61	0.00022	-12.02	-12.02	0.00022
-14.14	-14.14	0.00021	-17.68	-17.68	0.00021
-21.21	-21.21	0.00020	-28.28	-28.28	0.00019
-35.36	-35.36	0.00018	-42.43	-42.43	0.00018
-49.50	-49.50	0.00017	-56.57	-56.57	0.00017
-63.64	-63.64	0.00016	-70.71	-70.71	0.00015
77.78	63.64	0.00008	70.71	56.57	0.00009
63.64	49.50	0.00010	56.57	42.43	0.00012
49.50	35.36	0.00014	42.43	28.28	0.00015
35.36	21.21	0.00017	28.28	14.14	0.00019
24.75	10.61	0.00020	21.21	7.07	0.00021
19.09	4.95	0.00022	17.68	3.54	0.00022
16.26	2.12	0.00022	14.85	0.71	0.00023
13.44	-0.71	0.00023	0.71	-13.44	0.00025
-0.71	-14.85	0.00024	-2.12	-16.26	0.00024
-3.54	-17.68	0.00024	-4.95	-19.09	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00024	-10.61	-24.75	0.00023

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-14.14	-28.28	0.00022	-21.21	-35.36	0.00021
-28.28	-42.43	0.00020	-35.36	-49.50	0.00019
-42.43	-56.57	0.00019	-49.50	-63.64	0.00018
-56.57	-70.71	0.00017	-63.64	-77.78	0.00015
84.85	56.57	0.00008	77.78	49.50	0.00009
70.71	42.43	0.00011	63.64	35.36	0.00013
56.57	28.28	0.00015	49.50	21.21	0.00017
42.43	14.14	0.00019	35.36	7.07	0.00021
31.82	3.54	0.00022	28.28	0.00	0.00023
26.16	-2.12	0.00024	24.75	-3.54	0.00025
23.33	-4.95	0.00025	21.92	-6.36	0.00025
20.51	-7.78	0.00026	7.78	-20.51	0.00028
6.36	-21.92	0.00027	4.95	-23.33	0.00027
3.54	-24.75	0.00027	2.12	-26.16	0.00027
0.00	-28.28	0.00026	-3.54	-31.82	0.00025
-7.07	-35.36	0.00024	-14.14	-42.43	0.00023
-21.21	-49.50	0.00022	-28.28	-56.57	0.00021
-35.36	-63.64	0.00021	-42.43	-70.71	0.00019
-49.50	-77.78	0.00018	-56.57	-84.85	0.00016
91.92	49.50	0.00008	84.85	42.43	0.00010
77.78	35.36	0.00011	70.71	28.28	0.00013
63.64	21.21	0.00016	56.57	14.14	0.00018
49.50	7.07	0.00021	42.43	0.00	0.00023
38.89	-3.54	0.00025	35.36	-7.07	0.00026
33.23	-9.19	0.00027	31.82	-10.61	0.00027
30.41	-12.02	0.00028	28.99	-13.44	0.00029
27.58	-14.85	0.00029	14.85	-27.58	0.00031
13.44	-28.99	0.00031	12.02	-30.41	0.00031
10.61	-31.82	0.00030	9.19	-33.23	0.00030
7.07	-35.36	0.00029	3.54	-38.89	0.00028
0.00	-42.43	0.00027	-7.07	-49.50	0.00026
-14.14	-56.57	0.00025	-21.21	-63.64	0.00024
-28.28	-70.71	0.00023	-35.36	-77.78	0.00021
-42.43	-84.85	0.00019	-49.50	-91.92	0.00017
98.99	42.43	0.00008	91.92	35.36	0.00010
84.85	28.28	0.00012	77.78	21.21	0.00014
70.71	14.14	0.00017	63.64	7.07	0.00020
56.57	0.00	0.00023	49.50	-7.07	0.00026
45.96	-10.61	0.00028	42.43	-14.14	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00030	38.89	-17.68	0.00031
37.48	-19.09	0.00032	36.06	-20.51	0.00032
34.65	-21.92	0.00033	21.92	-34.65	0.00035
20.51	-36.06	0.00035	19.09	-37.48	0.00035
17.68	-38.89	0.00034	16.26	-40.31	0.00034
14.14	-42.43	0.00033	10.61	-45.96	0.00032
7.07	-49.50	0.00031	0.00	-56.57	0.00029
-7.07	-63.64	0.00028	-14.14	-70.71	0.00026
-21.21	-77.78	0.00025	-28.28	-84.85	0.00022
-35.36	-91.92	0.00020	-42.43	-98.99	0.00018
106.07	35.36	0.00008	98.99	28.28	0.00010
91.92	21.21	0.00012	84.85	14.14	0.00014
77.78	7.07	0.00017	70.71	0.00	0.00021
63.64	-7.07	0.00025	56.57	-14.14	0.00029
53.03	-17.68	0.00031	49.50	-21.21	0.00033
47.38	-23.33	0.00034	45.96	-24.75	0.00035
44.55	-26.16	0.00036	43.13	-27.58	0.00037
41.72	-28.99	0.00038	28.99	-41.72	0.00041
27.58	-43.13	0.00040	26.16	-44.55	0.00040
24.75	-45.96	0.00039	23.33	-47.38	0.00038
21.21	-49.50	0.00037	17.68	-53.03	0.00036
14.14	-56.57	0.00035	7.07	-63.64	0.00033
0.00	-70.71	0.00031	-7.07	-77.78	0.00029
-14.14	-84.85	0.00026	-21.21	-91.92	0.00024
-28.28	-98.99	0.00021	-35.36	-106.07	0.00018
113.14	28.28	0.00009	106.07	21.21	0.00010
98.99	14.14	0.00012	91.92	7.07	0.00015
84.85	0.00	0.00018	77.78	-7.07	0.00022
70.71	-14.14	0.00027	63.64	-21.21	0.00032
60.10	-24.75	0.00035	56.57	-28.28	0.00038
54.45	-30.41	0.00039	53.03	-31.82	0.00040
51.62	-33.23	0.00042	50.20	-34.65	0.00043
48.79	-36.06	0.00044	36.06	-48.79	0.00047
34.65	-50.20	0.00046	33.23	-51.62	0.00046
31.82	-53.03	0.00045	30.41	-54.45	0.00044
28.28	-56.57	0.00043	24.75	-60.10	0.00041
21.21	-63.64	0.00040	14.14	-70.71	0.00038
7.07	-77.78	0.00035	0.00	-84.85	0.00032
-7.07	-91.92	0.00028	-14.14	-98.99	0.00025

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21 -106.07 0.00022 -28.28 -113.14 0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00009	113.14	14.14	0.00010
106.07	7.07	0.00012	98.99	0.00	0.00015
91.92	-7.07	0.00019	84.85	-14.14	0.00024
77.78	-21.21	0.00030	70.71	-28.28	0.00036
67.18	-31.82	0.00040	63.64	-35.36	0.00043
61.52	-37.48	0.00045	60.10	-38.89	0.00047
58.69	-40.31	0.00048	57.28	-41.72	0.00050
55.86	-43.13	0.00051	43.13	-55.86	0.00055
41.72	-57.28	0.00054	40.31	-58.69	0.00053
38.89	-60.10	0.00052	37.48	-61.52	0.00051
35.36	-63.64	0.00049	31.82	-67.18	0.00047
28.28	-70.71	0.00046	21.21	-77.78	0.00043
14.14	-84.85	0.00039	7.07	-91.92	0.00035
0.00	-98.99	0.00030	-7.07	-106.07	0.00026
-14.14	-113.14	0.00023	-21.21	-120.21	0.00020
127.28	14.14	0.00009	120.21	7.07	0.00010
113.14	0.00	0.00013	106.07	-7.07	0.00016
98.99	-14.14	0.00020	91.92	-21.21	0.00025
84.85	-28.28	0.00032	77.78	-35.36	0.00041
74.25	-38.89	0.00045	70.71	-42.43	0.00050
68.59	-44.55	0.00053	67.18	-45.96	0.00055
65.76	-47.38	0.00057	64.35	-48.79	0.00058
62.93	-50.20	0.00060	50.20	-62.93	0.00065
48.79	-64.35	0.00063	47.38	-65.76	0.00062
45.96	-67.18	0.00061	44.55	-68.59	0.00059
42.43	-70.71	0.00058	38.89	-74.25	0.00055
35.36	-77.78	0.00053	28.28	-84.85	0.00049
21.21	-91.92	0.00043	14.14	-98.99	0.00037
7.07	-106.07	0.00032	0.00	-113.14	0.00028
-7.07	-120.21	0.00024	-14.14	-127.28	0.00021
134.35	7.07	0.00009	127.28	0.00	0.00011
120.21	-7.07	0.00013	113.14	-14.14	0.00016
106.07	-21.21	0.00020	98.99	-28.28	0.00026

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.92	-35.36	0.00034	84.85	-42.43	0.00045
81.32	-45.96	0.00051	77.78	-49.50	0.00058
75.66	-51.62	0.00062	74.25	-53.03	0.00064
72.83	-54.45	0.00067	71.42	-55.86	0.00070
70.00	-57.28	0.00072	57.28	-70.00	0.00077
55.86	-71.42	0.00075	54.45	-72.83	0.00074
53.03	-74.25	0.00072	51.62	-75.66	0.00070

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00068	45.96	-81.32	0.00065
42.43	-84.85	0.00062	35.36	-91.92	0.00055
28.28	-98.99	0.00047	21.21	-106.07	0.00040
14.14	-113.14	0.00034	7.07	-120.21	0.00029
0.00	-127.28	0.00025	-7.07	-134.35	0.00022
141.42	0.00	0.00009	134.35	-7.07	0.00011
127.28	-14.14	0.00013	120.21	-21.21	0.00016
113.14	-28.28	0.00021	106.07	-35.36	0.00027
98.99	-42.43	0.00036	91.92	-49.50	0.00049
88.39	-53.03	0.00057	84.85	-56.57	0.00067
82.73	-58.69	0.00072	81.32	-60.10	0.00076
79.90	-61.52	0.00080	78.49	-62.93	0.00084
77.07	-64.35	0.00088	64.35	-77.07	0.00093
62.93	-78.49	0.00091	61.52	-79.90	0.00088
60.10	-81.32	0.00086	58.69	-82.73	0.00084
56.57	-84.85	0.00081	53.03	-88.39	0.00077
49.50	-91.92	0.00071	42.43	-98.99	0.00060
35.36	-106.07	0.00051	28.28	-113.14	0.00043
21.21	-120.21	0.00036	14.14	-127.28	0.00030
7.07	-134.35	0.00026	0.00	-141.42	0.00023
148.49	-7.07	0.00010	141.42	-14.14	0.00011
134.35	-21.21	0.00014	127.28	-28.28	0.00017
120.21	-35.36	0.00021	113.14	-42.43	0.00028
106.07	-49.50	0.00038	98.99	-56.57	0.00052
95.46	-60.10	0.00063	91.92	-63.64	0.00075
89.80	-65.76	0.00083	88.39	-67.18	0.00089
86.97	-68.59	0.00095	85.56	-70.00	0.00101

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

84.15	-71.42	0.00107	71.42	-84.15	0.00114
70.00	-85.56	0.00110	68.59	-86.97	0.00107
67.18	-88.39	0.00104	65.76	-89.80	0.00101
63.64	-91.92	0.00096	60.10	-95.46	0.00087
56.57	-98.99	0.00079	49.50	-106.07	0.00066
42.43	-113.14	0.00054	35.36	-120.21	0.00045
28.28	-127.28	0.00037	21.21	-134.35	0.00032
14.14	-141.42	0.00027	7.07	-148.49	0.00023
155.56	-14.14	0.00010	148.49	-21.21	0.00012
141.42	-28.28	0.00014	134.35	-35.36	0.00018
127.28	-42.43	0.00022	120.21	-49.50	0.00029
113.14	-56.57	0.00039	106.07	-63.64	0.00055
102.53	-67.18	0.00067	98.99	-70.71	0.00081

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00093	95.46	-74.25	0.00101
94.05	-75.66	0.00110	92.63	-77.07	0.00120
91.22	-78.49	0.00129	78.49	-91.22	0.00140
77.07	-92.63	0.00134	75.66	-94.05	0.00128
74.25	-95.46	0.00122	72.83	-96.87	0.00116
70.71	-98.99	0.00108	67.18	-102.53	0.00097
63.64	-106.07	0.00087	56.57	-113.14	0.00071
49.50	-120.21	0.00057	42.43	-127.28	0.00047
35.36	-134.35	0.00039	28.28	-141.42	0.00033
21.21	-148.49	0.00028	14.14	-155.56	0.00024
162.63	-21.21	0.00011	155.56	-28.28	0.00013
148.49	-35.36	0.00015	141.42	-42.43	0.00019
134.35	-49.50	0.00023	127.28	-56.57	0.00030
120.21	-63.64	0.00041	113.14	-70.71	0.00058
109.60	-74.25	0.00071	106.07	-77.78	0.00087
103.94	-79.90	0.00100	102.53	-81.32	0.00109
101.12	-82.73	0.00120	99.70	-84.15	0.00134
98.29	-85.56	0.00148	85.56	-98.29	0.00165
84.15	-99.70	0.00154	82.73	-101.12	0.00144
81.32	-102.53	0.00135	79.90	-103.94	0.00128
77.78	-106.07	0.00118	74.25	-109.60	0.00104

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

70.71	-113.14	0.00093	63.64	-120.21	0.00074
56.57	-127.28	0.00060	49.50	-134.35	0.00049
42.43	-141.42	0.00040	35.36	-148.49	0.00034
28.28	-155.56	0.00029	21.21	-162.63	0.00025
169.71	-28.28	0.00012	162.63	-35.36	0.00014
155.56	-42.43	0.00016	148.49	-49.50	0.00020
141.42	-56.57	0.00025	134.35	-63.64	0.00033
127.28	-70.71	0.00045	120.21	-77.78	0.00064
116.67	-81.32	0.00078	113.14	-84.85	0.00097
111.02	-86.97	0.00112	109.60	-88.39	0.00123
108.19	-89.80	0.00137	106.77	-91.22	0.00154
105.36	-92.63	0.00177	92.63	-105.36	0.00190
91.22	-106.77	0.00172	89.80	-108.19	0.00159
88.39	-109.60	0.00148	86.97	-111.02	0.00139
84.85	-113.14	0.00127	81.32	-116.67	0.00111
77.78	-120.21	0.00098	70.71	-127.28	0.00078
63.64	-134.35	0.00062	56.57	-141.42	0.00050
49.50	-148.49	0.00041	42.43	-155.56	0.00035
35.36	-162.63	0.00030	28.28	-169.71	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00013	169.71	-42.43	0.00015
162.63	-49.50	0.00018	155.56	-56.57	0.00022
148.49	-63.64	0.00028	141.42	-70.71	0.00036
134.35	-77.78	0.00050	127.28	-84.85	0.00074
123.74	-88.39	0.00094	120.21	-91.92	0.00124
118.09	-94.05	0.00150	116.67	-95.46	0.00173
115.26	-96.87	0.00202	113.84	-98.29	0.00241
112.43	-99.70	0.00295	99.70	-112.43	0.00255
98.29	-113.84	0.00219	96.87	-115.26	0.00194
95.46	-116.67	0.00175	94.05	-118.09	0.00161
91.92	-120.21	0.00144	88.39	-123.74	0.00123
84.85	-127.28	0.00107	77.78	-134.35	0.00083
70.71	-141.42	0.00065	63.64	-148.49	0.00053
56.57	-155.56	0.00043	49.50	-162.63	0.00036
42.43	-169.71	0.00031	35.36	-176.78	0.00026



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

183.85	-42.43	0.00014	176.78	-49.50	0.00016
169.71	-56.57	0.00020	162.63	-63.64	0.00024
155.56	-70.71	0.00031	148.49	-77.78	0.00041
141.42	-84.85	0.00059	134.35	-91.92	0.00095
130.81	-95.46	0.00126	127.28	-98.99	0.00177
125.16	-101.12	0.00221	123.74	-102.53	0.00258
122.33	-103.94	0.00304	120.92	-105.36	0.00360
119.50	-106.77	0.00431	106.77	-119.50	0.00337
105.36	-120.92	0.00287	103.94	-122.33	0.00250
102.53	-123.74	0.00222	101.12	-125.16	0.00199
98.99	-127.28	0.00173	95.46	-130.81	0.00142
91.92	-134.35	0.00120	84.85	-141.42	0.00090
77.78	-148.49	0.00070	70.71	-155.56	0.00056
63.64	-162.63	0.00046	56.57	-169.71	0.00039
49.50	-176.78	0.00032	42.43	-183.85	0.00028
190.92	-49.50	0.00015	183.85	-56.57	0.00018
176.78	-63.64	0.00022	169.71	-70.71	0.00027
162.63	-77.78	0.00036	155.56	-84.85	0.00050
148.49	-91.92	0.00075	141.42	-98.99	0.00125
137.89	-102.53	0.00171	134.35	-106.07	0.00239
132.23	-108.19	0.00296	130.81	-109.60	0.00343
129.40	-111.02	0.00398	127.99	-112.43	0.00463
126.57	-113.84	0.00542	113.84	-126.57	0.00412
112.43	-127.99	0.00353	111.02	-129.40	0.00308
109.60	-130.81	0.00273	108.19	-132.23	0.00244

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00210	102.53	-137.89	0.00167
98.99	-141.42	0.00137	91.92	-148.49	0.00099
84.85	-155.56	0.00076	77.78	-162.63	0.00061
70.71	-169.71	0.00049	63.64	-176.78	0.00041
56.57	-183.85	0.00034	49.50	-190.92	0.00029
197.99	-56.57	0.00016	190.92	-63.64	0.00020
183.85	-70.71	0.00025	176.78	-77.78	0.00032
169.71	-84.85	0.00043	162.63	-91.92	0.00061
155.56	-98.99	0.00095	148.49	-106.07	0.00161

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

144.96	-109.60	0.00217	141.42	-113.14	0.00297
139.30	-115.26	0.00361	137.89	-116.67	0.00412
136.47	-118.09	0.00472	135.06	-119.50	0.00543
133.64	-120.92	0.00627	120.92	-133.64	0.00473
119.50	-135.06	0.00408	118.09	-136.47	0.00358
116.67	-137.89	0.00317	115.26	-139.30	0.00284
113.14	-141.42	0.00244	109.60	-144.96	0.00194
106.07	-148.49	0.00157	98.99	-155.56	0.00111
91.92	-162.63	0.00083	84.85	-169.71	0.00065
77.78	-176.78	0.00053	70.71	-183.85	0.00043
63.64	-190.92	0.00036	56.57	-197.99	0.00030
205.06	-63.64	0.00018	197.99	-70.71	0.00022
190.92	-77.78	0.00028	183.85	-84.85	0.00038
176.78	-91.92	0.00052	169.71	-98.99	0.00076
162.63	-106.07	0.00118	155.56	-113.14	0.00196
152.03	-116.67	0.00258	148.49	-120.21	0.00345
146.37	-122.33	0.00412	144.96	-123.74	0.00466
143.54	-125.16	0.00529	142.13	-126.57	0.00601
140.71	-127.99	0.00687	127.99	-140.71	0.00519
126.57	-142.13	0.00450	125.16	-143.54	0.00397
123.74	-144.96	0.00353	122.33	-146.37	0.00316
120.21	-148.49	0.00272	116.67	-152.03	0.00216
113.14	-155.56	0.00177	106.07	-162.63	0.00124
98.99	-169.71	0.00092	91.92	-176.78	0.00071
84.85	-183.85	0.00056	77.78	-190.92	0.00046
70.71	-197.99	0.00038	63.64	-205.06	0.00032
212.13	-70.71	0.00020	205.06	-77.78	0.00025
197.99	-84.85	0.00033	190.92	-91.92	0.00044
183.85	-98.99	0.00062	176.78	-106.07	0.00091
169.71	-113.14	0.00142	162.63	-120.21	0.00228
159.10	-123.74	0.00294	155.56	-127.28	0.00384

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00453	152.03	-130.81	0.00508
150.61	-132.23	0.00570	149.20	-133.64	0.00642
147.79	-135.06	0.00727	135.06	-147.79	0.00548

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-149.20	0.00478	132.23	-150.61	0.00423
130.81	-152.03	0.00377	129.40	-153.44	0.00339
127.28	-155.56	0.00293	123.74	-159.10	0.00236
120.21	-162.63	0.00195	113.14	-169.71	0.00138
106.07	-176.78	0.00101	98.99	-183.85	0.00077
91.92	-190.92	0.00060	84.85	-197.99	0.00049
77.78	-205.06	0.00040	70.71	-212.13	0.00034
219.20	-77.78	0.00023	212.13	-84.85	0.00029
205.06	-91.92	0.00038	197.99	-98.99	0.00052
190.92	-106.07	0.00073	183.85	-113.14	0.00107
176.78	-120.21	0.00163	169.71	-127.28	0.00256
166.17	-130.81	0.00325	162.63	-134.35	0.00417
160.51	-136.47	0.00486	159.10	-137.89	0.00540
157.68	-139.30	0.00601	156.27	-140.71	0.00670
154.86	-142.13	0.00752	142.13	-154.86	0.00563
140.71	-156.27	0.00493	139.30	-157.68	0.00439
137.89	-159.10	0.00394	136.47	-160.51	0.00357
134.35	-162.63	0.00311	130.81	-166.17	0.00253
127.28	-169.71	0.00210	120.21	-176.78	0.00150
113.14	-183.85	0.00111	106.07	-190.92	0.00084
98.99	-197.99	0.00065	91.92	-205.06	0.00052
84.85	-212.13	0.00043	77.78	-219.20	0.00036
226.27	-84.85	0.00026	219.20	-91.92	0.00033
212.13	-98.99	0.00044	205.06	-106.07	0.00059
197.99	-113.14	0.00084	190.92	-120.21	0.00122
183.85	-127.28	0.00182	176.78	-134.35	0.00279
173.24	-137.89	0.00351	169.71	-141.42	0.00444
167.58	-143.54	0.00513	166.17	-144.96	0.00567
164.76	-146.37	0.00626	163.34	-147.79	0.00694
161.93	-149.20	0.00770	149.20	-161.93	0.00570
147.79	-163.34	0.00504	146.37	-164.76	0.00452
144.96	-166.17	0.00409	143.54	-167.58	0.00373
141.42	-169.71	0.00327	137.89	-173.24	0.00268
134.35	-176.78	0.00224	127.28	-183.85	0.00161
120.21	-190.92	0.00120	113.14	-197.99	0.00091
106.07	-205.06	0.00070	98.99	-212.13	0.00056
91.92	-219.20	0.00045	84.85	-226.27	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW\_Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00029	226.27	-98.99	0.00037
219.20	-106.07	0.00049	212.13	-113.14	0.00067
205.06	-120.21	0.00094	197.99	-127.28	0.00135
190.92	-134.35	0.00197	183.85	-141.42	0.00296
180.31	-144.96	0.00368	176.78	-148.49	0.00460
174.66	-150.61	0.00529	173.24	-152.03	0.00581
171.83	-153.44	0.00638	170.41	-154.86	0.00702
169.00	-156.27	0.00772	156.27	-169.00	0.00570
154.86	-170.41	0.00511	153.44	-171.83	0.00461
152.03	-173.24	0.00419	150.61	-174.66	0.00384
148.49	-176.78	0.00339	144.96	-180.31	0.00280
141.42	-183.85	0.00234	134.35	-190.92	0.00170
127.28	-197.99	0.00127	120.21	-205.06	0.00097
113.14	-212.13	0.00075	106.07	-219.20	0.00060
98.99	-226.27	0.00048	91.92	-233.35	0.00040
240.42	-98.99	0.00032	233.35	-106.07	0.00041
226.27	-113.14	0.00055	219.20	-120.21	0.00075
212.13	-127.28	0.00103	205.06	-134.35	0.00145
197.99	-141.42	0.00208	190.92	-148.49	0.00305
187.38	-152.03	0.00373	183.85	-155.56	0.00456
181.73	-157.68	0.00513	180.31	-159.10	0.00554
178.90	-160.51	0.00595	177.48	-161.93	0.00637
176.07	-163.34	0.00675	163.34	-176.07	0.00520
161.93	-177.48	0.00481	160.51	-178.90	0.00444
159.10	-180.31	0.00410	157.68	-181.73	0.00379
155.56	-183.85	0.00338	152.03	-187.38	0.00283
148.49	-190.92	0.00238	141.42	-197.99	0.00175
134.35	-205.06	0.00132	127.28	-212.13	0.00102
120.21	-219.20	0.00079	113.14	-226.27	0.00063
106.07	-233.35	0.00051	98.99	-240.42	0.00042
247.49	-106.07	0.00035	240.42	-113.14	0.00046
233.35	-120.21	0.00060	226.27	-127.28	0.00081
219.20	-134.35	0.00111	212.13	-141.42	0.00153
205.06	-148.49	0.00213	197.99	-155.56	0.00300
194.45	-159.10	0.00356	190.92	-162.63	0.00419
188.80	-164.76	0.00459	187.38	-166.17	0.00485
185.97	-167.58	0.00510	184.55	-169.00	0.00534
183.14	-170.41	0.00553	170.41	-183.14	0.00452
169.00	-184.55	0.00425	167.58	-185.97	0.00400
166.17	-187.38	0.00375	164.76	-188.80	0.00352

04/20/08

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00321	159.10	-194.45	0.00275
155.56	-197.99	0.00236	148.49	-205.06	0.00176
141.42	-212.13	0.00134	134.35	-219.20	0.00104
127.28	-226.27	0.00082	120.21	-233.35	0.00065
113.14	-240.42	0.00053	106.07	-247.49	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00005	-127.28	226.27	0.00005
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00006	-155.56	197.99	0.00006
-159.10	194.45	0.00006	-162.63	190.92	0.00006
-164.76	188.80	0.00006	-166.17	187.38	0.00006
-167.58	185.97	0.00006	-169.00	184.55	0.00006
-170.41	183.14	0.00006	-183.14	170.41	0.00007
-184.55	169.00	0.00007	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00004	-106.07	233.35	0.00005
-113.14	226.27	0.00005	-120.21	219.20	0.00005
-127.28	212.13	0.00005	-134.35	205.06	0.00006
-141.42	197.99	0.00006	-148.49	190.92	0.00006
-152.03	187.38	0.00006	-155.56	183.85	0.00006

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-157.68	181.73	0.00007	-159.10	180.31	0.00007
-160.51	178.90	0.00007	-161.93	177.48	0.00007
-163.34	176.07	0.00007	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00007	-197.99	141.42	0.00007
-205.06	134.35	0.00007	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00004	-98.99	226.27	0.00005
-106.07	219.20	0.00005	-113.14	212.13	0.00005
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00006	-141.42	183.85	0.00007
-144.96	180.31	0.00007	-148.49	176.78	0.00007
-150.61	174.66	0.00007	-152.03	173.24	0.00007
-153.44	171.83	0.00007	-154.86	170.41	0.00007
-156.27	169.00	0.00007	-169.00	156.27	0.00007
-170.41	154.86	0.00007	-171.83	153.44	0.00007
-173.24	152.03	0.00007	-174.66	150.61	0.00007

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00007	-180.31	144.96	0.00007
-183.85	141.42	0.00007	-190.92	134.35	0.00007
-197.99	127.28	0.00007	-205.06	120.21	0.00007
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	99.00	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00005	-91.92	219.20	0.00005
-98.99	212.13	0.00005	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00006
-127.28	183.85	0.00007	-134.35	176.78	0.00007
-137.89	173.24	0.00007	-141.42	169.71	0.00007
-143.54	167.58	0.00007	-144.96	166.17	0.00007
-146.37	164.76	0.00007	-147.79	163.34	0.00008
-149.20	161.93	0.00008	-161.93	149.20	0.00008
-163.34	147.79	0.00008	-164.76	146.37	0.00008

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00008	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	99.00	0.00007
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00005	-84.85	212.13	0.00005
-91.92	205.06	0.00006	-98.99	197.99	0.00006
-106.07	190.92	0.00006	-113.14	183.85	0.00007
-120.21	176.78	0.00007	-127.28	169.71	0.00007
-130.81	166.17	0.00008	-134.35	162.63	0.00008
-136.47	160.51	0.00008	-137.89	159.10	0.00008
-139.30	157.68	0.00008	-140.71	156.27	0.00008
-142.13	154.86	0.00008	-154.86	142.13	0.00008
-156.27	140.71	0.00008	-157.68	139.30	0.00008
-159.10	137.89	0.00008	-160.51	136.47	0.00008
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00008	-176.78	120.21	0.00008
-183.85	113.14	0.00008	-190.92	106.07	0.00007
-197.99	99.00	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00005	-77.78	205.06	0.00005
-84.85	197.99	0.00006	-91.92	190.92	0.00006
-98.99	183.85	0.00006	-106.07	176.78	0.00007
-113.14	169.71	0.00007	-120.21	162.63	0.00008
-123.74	159.10	0.00008	-127.28	155.56	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00008	-130.81	152.03	0.00008
-132.23	150.61	0.00008	-133.64	149.20	0.00009
-135.06	147.79	0.00009	-147.79	135.06	0.00009
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009
-155.56	127.28	0.00009	-159.10	123.74	0.00009
-162.63	120.21	0.00009	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00008

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	91.92	0.00008	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00005	-70.71	197.99	0.00006
-77.78	190.92	0.00006	-84.85	183.85	0.00006
-91.92	176.78	0.00007	-98.99	169.71	0.00007
-106.07	162.63	0.00008	-113.14	155.56	0.00008
-116.67	152.03	0.00008	-120.21	148.49	0.00009
-122.33	146.37	0.00009	-123.74	144.96	0.00009
-125.16	143.54	0.00009	-126.57	142.13	0.00009
-127.99	140.71	0.00009	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00010	-146.37	122.33	0.00010
-148.49	120.21	0.00009	-152.03	116.67	0.00009
-155.56	113.14	0.00009	-162.63	106.07	0.00009
-169.71	98.99	0.00009	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00006	-63.64	190.92	0.00006
-70.71	183.85	0.00006	-77.78	176.78	0.00007
-84.85	169.71	0.00007	-91.92	162.63	0.00008
-98.99	155.56	0.00008	-106.07	148.49	0.00009
-109.60	144.96	0.00009	-113.14	141.42	0.00009
-115.26	139.30	0.00009	-116.67	137.89	0.00010
-118.09	136.47	0.00010	-119.50	135.06	0.00010
-120.92	133.64	0.00010	-133.64	120.92	0.00010
-135.06	119.50	0.00010	-136.47	118.09	0.00010
-137.89	116.67	0.00010	-139.30	115.26	0.00010
-141.42	113.14	0.00010	-144.96	109.60	0.00010
-148.49	106.07	0.00010	-155.56	98.99	0.00010
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00008	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00006	-56.57	183.85	0.00006
-63.64	176.78	0.00007	-70.71	169.71	0.00007



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	162.63	0.00008	-84.85	155.56	0.00008
-91.92	148.49	0.00009	-98.99	141.42	0.00009
-102.53	137.89	0.00010	-106.07	134.35	0.00010
-108.19	132.23	0.00010	-109.60	130.81	0.00010
-111.02	129.40	0.00010	-112.43	127.99	0.00010
-113.84	126.57	0.00011	-126.57	113.84	0.00011
-127.99	112.43	0.00011	-129.40	111.02	0.00011
-130.81	109.60	0.00011	-132.23	108.19	0.00011
-134.35	106.07	0.00011	-137.89	102.53	0.00011
-141.42	98.99	0.00011	-148.49	91.92	0.00010
-155.56	84.85	0.00010	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00009
-42.43	183.85	0.00006	-49.50	176.78	0.00007
-56.57	169.71	0.00007	-63.64	162.63	0.00008
-70.71	155.56	0.00008	-77.78	148.49	0.00009
-84.85	141.42	0.00009	-91.92	134.35	0.00010
-95.46	130.81	0.00010	-98.99	127.28	0.00011
-101.12	125.16	0.00011	-102.53	123.74	0.00011
-103.94	122.33	0.00011	-105.36	120.92	0.00011
-106.77	119.50	0.00011	-119.50	106.77	0.00012
-120.92	105.36	0.00012	-122.33	103.94	0.00012
-123.74	102.53	0.00012	-125.16	101.12	0.00012
-127.28	98.99	0.00012	-130.81	95.46	0.00012
-134.35	91.92	0.00011	-141.42	84.85	0.00011
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00006	-42.43	169.71	0.00007
-49.50	162.63	0.00007	-56.57	155.56	0.00008
-63.64	148.49	0.00009	-70.71	141.42	0.00009
-77.78	134.35	0.00010	-84.85	127.28	0.00011
-88.39	123.74	0.00011	-91.92	120.21	0.00011
-94.05	118.09	0.00012	-95.46	116.67	0.00012
-96.87	115.26	0.00012	-98.29	113.84	0.00012
-99.70	112.43	0.00012	-112.43	99.70	0.00013
-113.84	98.29	0.00013	-115.26	96.87	0.00013
-116.67	95.46	0.00013	-118.09	94.05	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

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20NCRA PL97-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00013	-123.74	88.39	0.00012	
-127.28	84.85	0.00012	-134.35	77.78	0.00012	
-141.42	70.71	0.00011	-148.49	63.64	0.00011	
-155.56	56.57	0.00010	-162.63	49.50	0.00010	
-169.71	42.43	0.00010	-176.78	35.36	0.00010	
-28.28	169.71	0.00007	-35.36	162.63	0.00007	
-42.43	155.56	0.00008	-49.50	148.49	0.00009	
-56.57	141.42	0.00009	-63.64	134.35	0.00010	
-70.71	127.28	0.00011	-77.78	120.21	0.00012	
-81.32	116.67	0.00012	-84.85	113.14	0.00012	
-86.97	111.02	0.00013	-88.39	109.60	0.00013	
-89.80	108.19	0.00013	-91.22	106.77	0.00013	
-92.63	105.36	0.00013	-105.36	92.63	0.00014	
-106.77	91.22	0.00014	-108.19	89.80	0.00014	
-109.60	88.39	0.00014	-111.02	86.97	0.00014	
-113.14	84.85	0.00014	-116.67	81.32	0.00013	
-120.21	77.78	0.00013	-127.28	70.71	0.00013	
-134.35	63.64	0.00012	-141.42	56.57	0.00011	
-148.49	49.50	0.00011	-155.56	42.43	0.00011	
-162.63	35.36	0.00011	-169.71	28.28	0.00011	
-21.21	162.63	0.00007	-28.28	155.56	0.00008	
-35.36	148.49	0.00008	-42.43	141.42	0.00009	
-49.50	134.35	0.00010	-56.57	127.28	0.00011	
-63.64	120.21	0.00011	-70.71	113.14	0.00012	
-74.25	109.60	0.00013	-77.78	106.07	0.00013	
-79.90	103.94	0.00014	-81.32	102.53	0.00014	
-82.73	101.12	0.00014	-84.15	99.70	0.00014	
-85.56	98.29	0.00014	-98.29	85.56	0.00015	
-99.70	84.15	0.00015	-101.12	82.73	0.00015	
-102.53	81.32	0.00015	-103.94	79.90	0.00015	
-106.07	77.78	0.00015	-109.60	74.25	0.00014	
-113.14	70.71	0.00014	-120.21	63.64	0.00013	
-127.28	56.57	0.00013	-134.35	49.50	0.00012	
-141.42	42.43	0.00012	-148.49	35.36	0.00012	
-155.56	28.28	0.00012	-162.63	21.21	0.00011	
-14.14	155.56	0.00007	-21.21	148.49	0.00008	
-28.28	141.42	0.00009	-35.36	134.35	0.00010	
-42.43	127.28	0.00011	-49.50	120.21	0.00011	
-56.57	113.14	0.00012	-63.64	106.07	0.00013	
-67.18	102.53	0.00014	-70.71	98.99	0.00015	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00015	-74.25	95.46	0.00015
-75.66	94.05	0.00015	-77.07	92.63	0.00015
-78.49	91.22	0.00016	-91.22	78.49	0.00016
-92.63	77.07	0.00016	-94.05	75.66	0.00016
-95.46	74.25	0.00016	-96.87	72.83	0.00016
-98.99	70.71	0.00016	-102.53	67.18	0.00016
-106.07	63.64	0.00015	-113.14	56.57	0.00015
-120.21	49.50	0.00014	-127.28	42.43	0.00013
-134.35	35.36	0.00013	-141.42	28.28	0.00013
-148.49	21.21	0.00013	-155.56	14.14	0.00012
-7.07	148.49	0.00007	-14.14	141.42	0.00008
-21.21	134.35	0.00009	-28.28	127.28	0.00010
-35.36	120.21	0.00011	-42.43	113.14	0.00012
-49.50	106.07	0.00013	-56.57	98.99	0.00015
-60.10	95.46	0.00015	-63.64	91.92	0.00016
-65.76	89.80	0.00016	-67.18	88.39	0.00016
-68.59	86.97	0.00017	-70.00	85.56	0.00017
-71.42	84.15	0.00017	-84.15	71.42	0.00018
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00018	-89.80	65.76	0.00018
-91.92	63.64	0.00018	-95.46	60.10	0.00017
-98.99	56.57	0.00017	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00015
-127.28	28.28	0.00014	-134.35	21.21	0.00014
-141.42	14.14	0.00014	-148.49	7.07	0.00013
0.00	141.42	0.00007	-7.07	134.35	0.00008
-14.14	127.28	0.00010	-21.21	120.21	0.00011
-28.28	113.14	0.00012	-35.36	106.07	0.00013
-42.43	98.99	0.00014	-49.50	91.92	0.00016
-53.03	88.39	0.00017	-56.57	84.85	0.00017
-58.69	82.73	0.00018	-60.10	81.32	0.00018
-61.52	79.90	0.00018	-62.93	78.49	0.00019
-64.35	77.07	0.00019	-77.07	64.35	0.00020
-78.49	62.93	0.00020	-79.90	61.52	0.00020

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-81.32	60.10	0.00020	-82.73	58.69	0.00020
-84.85	56.57	0.00019	-88.39	53.03	0.00019
-91.92	49.50	0.00018	-98.99	42.43	0.00017
-106.07	35.36	0.00016	-113.14	28.28	0.00016
-120.21	21.21	0.00016	-127.28	14.14	0.00015
-134.35	7.07	0.00015	-141.42	0.00	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00008	0.00	127.28	0.00009
-7.07	120.21	0.00010	-14.14	113.14	0.00011
-21.21	106.07	0.00013	-28.28	98.99	0.00014
-35.36	91.92	0.00016	-42.43	84.85	0.00017
-45.96	81.32	0.00018	-49.50	77.78	0.00019
-51.62	75.66	0.00020	-53.03	74.25	0.00020
-54.45	72.83	0.00020	-55.86	71.42	0.00021
-57.28	70.00	0.00021	-70.00	57.28	0.00022
-71.42	55.86	0.00022	-72.83	54.45	0.00022
-74.25	53.03	0.00022	-75.66	51.62	0.00022
-77.78	49.50	0.00021	-81.32	45.96	0.00021
-84.85	42.43	0.00020	-91.92	35.36	0.00019
-98.99	28.28	0.00018	-106.07	21.21	0.00018
-113.14	14.14	0.00017	-120.21	7.07	0.00017
-127.28	0.00	0.00016	-134.35	-7.07	0.00015
14.14	127.28	0.00008	7.07	120.21	0.00009
0.00	113.14	0.00010	-7.07	106.07	0.00012
-14.14	98.99	0.00014	-21.21	91.92	0.00015
-28.28	84.85	0.00017	-35.36	77.78	0.00019
-38.89	74.25	0.00020	-42.43	70.71	0.00021
-44.55	68.59	0.00022	-45.96	67.18	0.00022
-47.38	65.76	0.00022	-48.79	64.35	0.00023
-50.20	62.93	0.00023	-62.93	50.20	0.00025
-64.35	48.79	0.00024	-65.76	47.38	0.00024
-67.18	45.96	0.00024	-68.59	44.55	0.00024
-70.71	42.43	0.00024	-74.25	38.89	0.00023
-77.78	35.36	0.00022	-84.85	28.28	0.00021
-91.92	21.21	0.00020	-98.99	14.14	0.00019

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-106.07	7.07	0.00019	-113.14	0.00	0.00018
-120.21	-7.07	0.00017	-127.28	-14.14	0.00015
21.21	120.21	0.00008	14.14	113.14	0.00009
7.07	106.07	0.00011	0.00	98.99	0.00013
-7.07	91.92	0.00015	-14.14	84.85	0.00017
-21.21	77.78	0.00019	-28.28	70.71	0.00021
-31.82	67.18	0.00022	-35.36	63.64	0.00023
-37.48	61.52	0.00024	-38.89	60.10	0.00025
-40.31	58.69	0.00025	-41.72	57.28	0.00025
-43.13	55.86	0.00026	-55.86	43.13	0.00028
-57.28	41.72	0.00027	-58.69	40.31	0.00027
-60.10	38.89	0.00027	-61.52	37.48	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00026	-67.18	31.82	0.00025
-70.71	28.28	0.00024	-77.78	21.21	0.00023
-84.85	14.14	0.00022	-91.92	7.07	0.00021
-98.99	0.00	0.00021	-106.07	-7.07	0.00019
-113.14	-14.14	0.00018	-120.21	-21.21	0.00016
28.28	113.14	0.00008	21.21	106.07	0.00010
14.14	98.99	0.00011	7.07	91.92	0.00013
0.00	84.85	0.00016	-7.07	77.78	0.00018
-14.14	70.71	0.00021	-21.21	63.64	0.00023
-24.75	60.10	0.00025	-28.28	56.57	0.00026
-30.41	54.45	0.00027	-31.82	53.03	0.00027
-33.23	51.62	0.00028	-34.65	50.20	0.00029
-36.06	48.79	0.00029	-48.79	36.06	0.00031
-50.20	34.65	0.00031	-51.62	33.23	0.00031
-53.03	31.82	0.00030	-54.45	30.41	0.00030
-56.57	28.28	0.00029	-60.10	24.75	0.00028
-63.64	21.21	0.00027	-70.71	14.14	0.00026
-77.78	7.07	0.00025	-84.85	0.00	0.00024
-91.92	-7.07	0.00023	-98.99	-14.14	0.00021
-106.07	-21.21	0.00019	-113.14	-28.28	0.00017
35.36	106.07	0.00008	28.28	98.99	0.00010
21.21	91.92	0.00012	14.14	84.85	0.00014

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	77.78	0.00017	0.00	70.71	0.00020
-7.07	63.64	0.00023	-14.14	56.57	0.00026
-17.68	53.03	0.00028	-21.21	49.50	0.00029
-23.33	47.38	0.00030	-24.75	45.96	0.00031
-26.16	44.55	0.00032	-27.58	43.13	0.00032
-28.99	41.72	0.00033	-41.72	28.99	0.00035
-43.13	27.58	0.00035	-44.55	26.16	0.00035
-45.96	24.75	0.00034	-47.38	23.33	0.00034
-49.50	21.21	0.00033	-53.03	17.68	0.00032
-56.57	14.14	0.00031	-63.64	7.07	0.00029
-70.71	0.00	0.00028	-77.78	-7.07	0.00026
-84.85	-14.14	0.00025	-91.92	-21.21	0.00022
-98.99	-28.28	0.00020	-106.07	-35.36	0.00018
42.43	98.99	0.00008	35.36	91.92	0.00010
28.28	84.85	0.00012	21.21	77.78	0.00014
14.14	70.71	0.00017	7.07	63.64	0.00021
0.00	56.57	0.00025	-7.07	49.50	0.00029
-10.61	45.96	0.00031	-14.14	42.43	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00034	-17.68	38.89	0.00035
-19.09	37.48	0.00036	-20.51	36.06	0.00037
-21.92	34.65	0.00038	-34.65	21.92	0.00041
-36.06	20.51	0.00040	-37.48	19.09	0.00040
-38.89	17.68	0.00039	-40.31	16.26	0.00038
-42.43	14.14	0.00037	-45.96	10.61	0.00036
-49.50	7.07	0.00035	-56.57	0.00	0.00033
-63.64	-7.07	0.00031	-70.71	-14.14	0.00029
-77.78	-21.21	0.00026	-84.85	-28.28	0.00024
-91.92	-35.36	0.00021	-98.99	-42.43	0.00018
49.50	91.92	0.00009	42.43	84.85	0.00010
35.36	77.78	0.00012	28.28	70.71	0.00015
21.21	63.64	0.00018	14.14	56.57	0.00022
7.07	49.50	0.00027	0.00	42.43	0.00032
-3.54	38.89	0.00035	-7.07	35.36	0.00038
-9.19	33.23	0.00039	-10.61	31.82	0.00040

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-12.02	30.41	0.00042	-13.44	28.99	0.00043
-14.85	27.58	0.00044	-27.58	14.85	0.00047
-28.99	13.44	0.00046	-30.41	12.02	0.00046
-31.82	10.61	0.00045	-33.23	9.19	0.00044
-35.36	7.07	0.00043	-38.89	3.54	0.00041
-42.43	0.00	0.00040	-49.50	-7.07	0.00038
-56.57	-14.14	0.00035	-63.64	-21.21	0.00032
-70.71	-28.28	0.00028	-77.78	-35.36	0.00025
-84.85	-42.43	0.00022	-91.92	-49.50	0.00019
56.57	84.85	0.00009	49.50	77.78	0.00010
42.43	70.71	0.00012	35.36	63.64	0.00015
28.28	56.57	0.00019	21.21	49.50	0.00024
14.14	42.43	0.00030	7.07	35.36	0.00036
3.54	31.82	0.00040	0.00	28.28	0.00043
-2.12	26.16	0.00045	-3.54	24.75	0.00047
-4.95	23.33	0.00048	-6.36	21.92	0.00050
-7.78	20.51	0.00051	-20.51	7.78	0.00055
-21.92	6.36	0.00054	-23.33	4.95	0.00053
-24.75	3.54	0.00052	-26.16	2.12	0.00051
-28.28	0.00	0.00049	-31.82	-3.54	0.00047
-35.36	-7.07	0.00046	-42.43	-14.14	0.00043
-49.50	-21.21	0.00039	-56.57	-28.28	0.00035
-63.64	-35.36	0.00030	-70.71	-42.43	0.00026
-77.78	-49.50	0.00023	-84.85	-56.57	0.00020

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00013	42.43	56.57	0.00016
35.36	49.50	0.00020	28.28	42.43	0.00025
21.21	35.36	0.00032	14.14	28.28	0.00041
10.61	24.75	0.00045	7.07	21.21	0.00050
4.95	19.09	0.00053	3.54	17.68	0.00055
2.12	16.26	0.00057	0.71	14.85	0.00058
-0.71	13.44	0.00060	-13.44	0.71	0.00065
-14.85	-0.71	0.00063	-16.26	-2.12	0.00062
-17.68	-3.54	0.00061	-19.09	-4.95	0.00059

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-21.21	-7.07	0.00058	-24.75	-10.61	0.00055
-28.28	-14.14	0.00053	-35.36	-21.21	0.00049
-42.43	-28.28	0.00043	-49.50	-35.36	0.00037
-56.57	-42.43	0.00032	-63.64	-49.50	0.00028
-70.71	-56.57	0.00024	-77.78	-63.64	0.00021
70.71	70.71	0.00009	63.64	63.64	0.00011
56.57	56.57	0.00013	49.50	49.50	0.00016
42.43	42.43	0.00020	35.36	35.36	0.00026
28.28	28.28	0.00034	21.21	21.21	0.00045
17.68	17.68	0.00051	14.14	14.14	0.00058
12.02	12.02	0.00062	10.61	10.61	0.00064
9.19	9.19	0.00067	7.78	7.78	0.00070
6.36	6.36	0.00072	-6.36	-6.36	0.00077
-7.78	-7.78	0.00075	-9.19	-9.19	0.00074
-10.61	-10.61	0.00072	-12.02	-12.02	0.00070
-14.14	-14.14	0.00068	-17.68	-17.68	0.00065
-21.21	-21.21	0.00062	-28.28	-28.28	0.00055
-35.36	-35.36	0.00047	-42.43	-42.43	0.00040
-49.50	-49.50	0.00034	-56.57	-56.57	0.00029
-63.64	-63.64	0.00025	-70.71	-70.71	0.00022
77.78	63.64	0.00009	70.71	56.57	0.00011
63.64	49.50	0.00013	56.57	42.43	0.00016
49.50	35.36	0.00021	42.43	28.28	0.00027
35.36	21.21	0.00036	28.28	14.14	0.00049
24.75	10.61	0.00057	21.21	7.07	0.00067
19.09	4.95	0.00072	17.68	3.54	0.00076
16.26	2.12	0.00080	14.85	0.71	0.00084
13.44	-0.71	0.00088	0.71	-13.44	0.00093
-0.71	-14.85	0.00091	-2.12	-16.26	0.00088
-3.54	-17.68	0.00086	-4.95	-19.09	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 53  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00081	-10.61	-24.75	0.00077
-14.14	-28.28	0.00071	-21.21	-35.36	0.00060
-28.28	-42.43	0.00051	-35.36	-49.50	0.00043
-42.43	-56.57	0.00036	-49.50	-63.64	0.00030



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-70.71	0.00026	-63.64	-77.78	0.00023
84.85	56.57	0.00010	77.78	49.50	0.00011
70.71	42.43	0.00014	63.64	35.36	0.00017
56.57	28.28	0.00021	49.50	21.21	0.00028
42.43	14.14	0.00038	35.36	7.07	0.00052
31.82	3.54	0.00063	28.28	0.00	0.00075
26.16	-2.12	0.00083	24.75	-3.54	0.00089
23.33	-4.95	0.00095	21.92	-6.36	0.00101
20.51	-7.78	0.00107	7.78	-20.51	0.00114
6.36	-21.92	0.00110	4.95	-23.33	0.00107
3.54	-24.75	0.00104	2.12	-26.16	0.00101
0.00	-28.28	0.00096	-3.54	-31.82	0.00087
-7.07	-35.36	0.00079	-14.14	-42.43	0.00066
-21.21	-49.50	0.00054	-28.28	-56.57	0.00045
-35.36	-63.64	0.00037	-42.43	-70.71	0.00032
-49.50	-77.78	0.00027	-56.57	-84.85	0.00023
91.92	49.50	0.00010	84.85	42.43	0.00012
77.78	35.36	0.00014	70.71	28.28	0.00018
63.64	21.21	0.00022	56.57	14.14	0.00029
49.50	7.07	0.00039	42.43	0.00	0.00055
38.89	-3.54	0.00067	35.36	-7.07	0.00081
33.23	-9.19	0.00093	31.82	-10.61	0.00101
30.41	-12.02	0.00110	28.99	-13.44	0.00120
27.58	-14.85	0.00129	14.85	-27.58	0.00140
13.44	-28.99	0.00134	12.02	-30.41	0.00128
10.61	-31.82	0.00122	9.19	-33.23	0.00116
7.07	-35.36	0.00108	3.54	-38.89	0.00097
0.00	-42.43	0.00087	-7.07	-49.50	0.00071
-14.14	-56.57	0.00057	-21.21	-63.64	0.00047
-28.28	-70.71	0.00039	-35.36	-77.78	0.00033
-42.43	-84.85	0.00028	-49.50	-91.92	0.00024
98.99	42.43	0.00011	91.92	35.36	0.00013
84.85	28.28	0.00015	77.78	21.21	0.00019
70.71	14.14	0.00023	63.64	7.07	0.00030
56.57	0.00	0.00041	49.50	-7.07	0.00058
45.96	-10.61	0.00071	42.43	-14.14	0.00087

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00100	38.89	-17.68	0.00109
37.48	-19.09	0.00120	36.06	-20.51	0.00134
34.65	-21.92	0.00148	21.92	-34.65	0.00165
20.51	-36.06	0.00154	19.09	-37.48	0.00144
17.68	-38.89	0.00135	16.26	-40.31	0.00128
14.14	-42.43	0.00118	10.61	-45.96	0.00104
7.07	-49.50	0.00093	0.00	-56.57	0.00074
-7.07	-63.64	0.00060	-14.14	-70.71	0.00049
-21.21	-77.78	0.00040	-28.28	-84.85	0.00034
-35.36	-91.92	0.00029	-42.43	-98.99	0.00025
106.07	35.36	0.00012	98.99	28.28	0.00014
91.92	21.21	0.00016	84.85	14.14	0.00020
77.78	7.07	0.00025	70.71	0.00	0.00033
63.64	-7.07	0.00045	56.57	-14.14	0.00064
53.03	-17.68	0.00078	49.50	-21.21	0.00097
47.38	-23.33	0.00112	45.96	-24.75	0.00123
44.55	-26.16	0.00137	43.13	-27.58	0.00154
41.72	-28.99	0.00177	28.99	-41.72	0.00190
27.58	-43.13	0.00172	26.16	-44.55	0.00159
24.75	-45.96	0.00148	23.33	-47.38	0.00139
21.21	-49.50	0.00127	17.68	-53.03	0.00111
14.14	-56.57	0.00098	7.07	-63.64	0.00078
0.00	-70.71	0.00062	-7.07	-77.78	0.00050
-14.14	-84.85	0.00041	-21.21	-91.92	0.00035
-28.28	-98.99	0.00030	-35.36	-106.07	0.00026
113.14	28.28	0.00013	106.07	21.21	0.00015
98.99	14.14	0.00018	91.92	7.07	0.00022
84.85	0.00	0.00028	77.78	-7.07	0.00036
70.71	-14.14	0.00050	63.64	-21.21	0.00074
60.10	-24.75	0.00094	56.57	-28.28	0.00124
54.45	-30.41	0.00150	53.03	-31.82	0.00173
51.62	-33.23	0.00202	50.20	-34.65	0.00241
48.79	-36.06	0.00295	36.06	-48.79	0.00255
34.65	-50.20	0.00219	33.23	-51.62	0.00194
31.82	-53.03	0.00175	30.41	-54.45	0.00161
28.28	-56.57	0.00144	24.75	-60.10	0.00123
21.21	-63.64	0.00107	14.14	-70.71	0.00083
7.07	-77.78	0.00065	0.00	-84.85	0.00053
-7.07	-91.92	0.00043	-14.14	-98.99	0.00036
-21.21	-106.07	0.00031	-28.28	-113.14	0.00026

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 55  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00014	113.14	14.14	0.00016	
106.07	7.07	0.00020	98.99	0.00	0.00024	
91.92	-7.07	0.00031	84.85	-14.14	0.00041	
77.78	-21.21	0.00059	70.71	-28.28	0.00095	
67.18	-31.82	0.00126	63.64	-35.36	0.00177	
61.52	-37.48	0.00221	60.10	-38.89	0.00258	
58.69	-40.31	0.00304	57.28	-41.72	0.00360	
55.86	-43.13	0.00431	43.13	-55.86	0.00337	
41.72	-57.28	0.00287	40.31	-58.69	0.00250	
38.89	-60.10	0.00222	37.48	-61.52	0.00199	
35.36	-63.64	0.00173	31.82	-67.18	0.00142	
28.28	-70.71	0.00120	21.21	-77.78	0.00090	
14.14	-84.85	0.00070	7.07	-91.92	0.00056	
0.00	-98.99	0.00046	-7.07	-106.07	0.00039	
-14.14	-113.14	0.00032	-21.21	-120.21	0.00028	
127.28	14.14	0.00015	120.21	7.07	0.00018	
113.14	0.00	0.00022	106.07	-7.07	0.00027	
98.99	-14.14	0.00036	91.92	-21.21	0.00050	
84.85	-28.28	0.00075	77.78	-35.36	0.00125	
74.25	-38.89	0.00171	70.71	-42.43	0.00239	
68.59	-44.55	0.00296	67.18	-45.96	0.00342	
65.76	-47.38	0.00398	64.35	-48.79	0.00463	
62.93	-50.20	0.00542	50.20	-62.93	0.00412	
48.79	-64.35	0.00353	47.38	-65.76	0.00308	
45.96	-67.18	0.00273	44.55	-68.59	0.00244	
42.43	-70.71	0.00210	38.89	-74.25	0.00167	
35.36	-77.78	0.00137	28.28	-84.85	0.00099	
21.21	-91.92	0.00076	14.14	-98.99	0.00061	
7.07	-106.07	0.00049	0.00	-113.14	0.00041	
-7.07	-120.21	0.00034	-14.14	-127.28	0.00029	
134.35	7.07	0.00016	127.28	0.00	0.00020	
120.21	-7.07	0.00025	113.14	-14.14	0.00032	
106.07	-21.21	0.00043	98.99	-28.28	0.00061	
91.92	-35.36	0.00095	84.85	-42.43	0.00161	
81.32	-45.96	0.00217	77.78	-49.50	0.00297	
75.66	-51.62	0.00361	74.25	-53.03	0.00412	

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

72.83	-54.45	0.00472	71.42	-55.86	0.00543
70.00	-57.28	0.00627	57.28	-70.00	0.00473
55.86	-71.42	0.00408	54.45	-72.83	0.00358
53.03	-74.25	0.00317	51.62	-75.66	0.00284

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00244	45.96	-81.32	0.00194
42.43	-84.85	0.00157	35.36	-91.92	0.00111
28.28	-98.99	0.00083	21.21	-106.07	0.00065
14.14	-113.14	0.00053	7.07	-120.21	0.00043
0.00	-127.28	0.00036	-7.07	-134.35	0.00030
141.42	0.00	0.00018	134.35	-7.07	0.00022
127.28	-14.14	0.00028	120.21	-21.21	0.00038
113.14	-28.28	0.00052	106.07	-35.36	0.00076
98.99	-42.43	0.00118	91.92	-49.50	0.00196
88.39	-53.03	0.00258	84.85	-56.57	0.00345
82.73	-58.69	0.00412	81.32	-60.10	0.00466
79.90	-61.52	0.00529	78.49	-62.93	0.00601
77.07	-64.35	0.00687	64.35	-77.07	0.00519
62.93	-78.49	0.00450	61.52	-79.90	0.00397
60.10	-81.32	0.00353	58.69	-82.73	0.00316
56.57	-84.85	0.00272	53.03	-88.39	0.00216
49.50	-91.92	0.00177	42.43	-98.99	0.00124
35.36	-106.07	0.00092	28.28	-113.14	0.00071
21.21	-120.21	0.00056	14.14	-127.28	0.00046
7.07	-134.35	0.00038	0.00	-141.42	0.00032
148.49	-7.07	0.00020	141.42	-14.14	0.00025
134.35	-21.21	0.00033	127.28	-28.28	0.00044
120.21	-35.36	0.00062	113.14	-42.43	0.00091
106.07	-49.50	0.00142	98.99	-56.57	0.00228
95.46	-60.10	0.00294	91.92	-63.64	0.00384
89.80	-65.76	0.00453	88.39	-67.18	0.00508
86.97	-68.59	0.00570	85.56	-70.00	0.00642
84.15	-71.42	0.00727	71.42	-84.15	0.00548
70.00	-85.56	0.00478	68.59	-86.97	0.00423
67.18	-88.39	0.00377	65.76	-89.80	0.00339

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

63.64	-91.92	0.00293	60.10	-95.46	0.00236
56.57	-98.99	0.00195	49.50	-106.07	0.00138
42.43	-113.14	0.00101	35.36	-120.21	0.00077
28.28	-127.28	0.00060	21.21	-134.35	0.00049
14.14	-141.42	0.00040	7.07	-148.49	0.00034
155.56	-14.14	0.00023	148.49	-21.21	0.00029
141.42	-28.28	0.00038	134.35	-35.36	0.00052
127.28	-42.43	0.00073	120.21	-49.50	0.00107
113.14	-56.57	0.00163	106.07	-63.64	0.00256
102.53	-67.18	0.00325	98.99	-70.71	0.00417

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00486	95.46	-74.25	0.00540
94.05	-75.66	0.00600	92.63	-77.07	0.00670
91.22	-78.49	0.00752	78.49	-91.22	0.00563
77.07	-92.63	0.00493	75.66	-94.05	0.00439
74.25	-95.46	0.00394	72.83	-96.87	0.00357
70.71	-98.99	0.00311	67.18	-102.53	0.00253
63.64	-106.07	0.00210	56.57	-113.14	0.00150
49.50	-120.21	0.00111	42.43	-127.28	0.00084
35.36	-134.35	0.00065	28.28	-141.42	0.00052
21.21	-148.49	0.00043	14.14	-155.56	0.00036
162.63	-21.21	0.00026	155.56	-28.28	0.00033
148.49	-35.36	0.00044	141.42	-42.43	0.00059
134.35	-49.50	0.00084	127.28	-56.57	0.00122
120.21	-63.64	0.00182	113.14	-70.71	0.00279
109.60	-74.25	0.00351	106.07	-77.78	0.00444
103.94	-79.90	0.00513	102.53	-81.32	0.00567
101.12	-82.73	0.00626	99.70	-84.15	0.00694
98.29	-85.56	0.00770	85.56	-98.29	0.00570
84.15	-99.70	0.00504	82.73	-101.12	0.00452
81.32	-102.53	0.00409	79.90	-103.94	0.00373
77.78	-106.07	0.00327	74.25	-109.60	0.00268
70.71	-113.14	0.00224	63.64	-120.21	0.00161
56.57	-127.28	0.00120	49.50	-134.35	0.00091
42.43	-141.42	0.00070	35.36	-148.49	0.00056

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-155.56	0.00045	21.21	-162.63	0.00038
169.71	-28.28	0.00029	162.63	-35.36	0.00037
155.56	-42.43	0.00049	148.49	-49.50	0.00067
141.42	-56.57	0.00094	134.35	-63.64	0.00135
127.28	-70.71	0.00197	120.21	-77.78	0.00296
116.67	-81.32	0.00368	113.14	-84.85	0.00460
111.02	-86.97	0.00529	109.60	-88.39	0.00581
108.19	-89.80	0.00638	106.77	-91.22	0.00702
105.36	-92.63	0.00772	92.63	-105.36	0.00570
91.22	-106.77	0.00511	89.80	-108.19	0.00461
88.39	-109.60	0.00419	86.97	-111.02	0.00384
84.85	-113.14	0.00339	81.32	-116.67	0.00280
77.78	-120.21	0.00234	70.71	-127.28	0.00170
63.64	-134.35	0.00127	56.57	-141.42	0.00097
49.50	-148.49	0.00075	42.43	-155.56	0.00060
35.36	-162.63	0.00048	28.28	-169.71	0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00032	169.71	-42.43	0.00041
162.63	-49.50	0.00055	155.56	-56.57	0.00075
148.49	-63.64	0.00103	141.42	-70.71	0.00145
134.35	-77.78	0.00208	127.28	-84.85	0.00305
123.74	-88.39	0.00373	120.21	-91.92	0.00456
118.09	-94.05	0.00513	116.67	-95.46	0.00554
115.26	-96.87	0.00595	113.84	-98.29	0.00637
112.43	-99.70	0.00675	99.70	-112.43	0.00520
98.29	-113.84	0.00481	96.87	-115.26	0.00444
95.46	-116.67	0.00410	94.05	-118.09	0.00379
91.92	-120.21	0.00338	88.39	-123.74	0.00283
84.85	-127.28	0.00238	77.78	-134.35	0.00175
70.71	-141.42	0.00132	63.64	-148.49	0.00102
56.57	-155.56	0.00079	49.50	-162.63	0.00063
42.43	-169.71	0.00051	35.36	-176.78	0.00042
183.85	-42.43	0.00035	176.78	-49.50	0.00046
169.71	-56.57	0.00060	162.63	-63.64	0.00081
155.56	-70.71	0.00111	148.49	-77.78	0.00153

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-84.85	0.00213	134.35	-91.92	0.00300
130.81	-95.46	0.00356	127.28	-98.99	0.00419
125.16	-101.12	0.00459	123.74	-102.53	0.00485
122.33	-103.94	0.00510	120.92	-105.36	0.00533
119.50	-106.77	0.00553	106.77	-119.50	0.00452
105.36	-120.92	0.00425	103.94	-122.33	0.00400
102.53	-123.74	0.00375	101.12	-125.16	0.00352
98.99	-127.28	0.00321	95.46	-130.81	0.00275
91.92	-134.35	0.00236	84.85	-141.42	0.00176
77.78	-148.49	0.00134	70.71	-155.56	0.00104
63.64	-162.63	0.00082	56.57	-169.71	0.00065
49.50	-176.78	0.00053	42.43	-183.85	0.00043
190.92	-49.50	0.00039	183.85	-56.57	0.00050
176.78	-63.64	0.00065	169.71	-70.71	0.00086
162.63	-77.78	0.00115	155.56	-84.85	0.00155
148.49	-91.92	0.00209	141.42	-98.99	0.00282
137.89	-102.53	0.00324	134.35	-106.07	0.00368
132.23	-108.19	0.00395	130.81	-109.60	0.00412
129.40	-111.02	0.00427	127.99	-112.43	0.00441
126.57	-113.84	0.00452	113.84	-126.57	0.00384
112.43	-127.99	0.00367	111.02	-129.40	0.00349
109.60	-130.81	0.00332	108.19	-132.23	0.00315

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00291	102.53	-137.89	0.00255
98.99	-141.42	0.00224	91.92	-148.49	0.00172
84.85	-155.56	0.00134	77.78	-162.63	0.00105
70.71	-169.71	0.00083	63.64	-176.78	0.00067
56.57	-183.85	0.00054	49.50	-190.92	0.00045
197.99	-56.57	0.00042	190.92	-63.64	0.00054
183.85	-70.71	0.00069	176.78	-77.78	0.00090
169.71	-84.85	0.00117	162.63	-91.92	0.00153
155.56	-98.99	0.00200	148.49	-106.07	0.00256
144.96	-109.60	0.00287	141.42	-113.14	0.00319
139.30	-115.26	0.00337	137.89	-116.67	0.00348
136.47	-118.09	0.00358	135.06	-119.50	0.00366

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

133.64	-120.92	0.00372	120.92	-133.64	0.00325
119.50	-135.06	0.00313	118.09	-136.47	0.00302
116.67	-137.89	0.00290	115.26	-139.30	0.00277
113.14	-141.42	0.00260	109.60	-144.96	0.00232
106.07	-148.49	0.00207	98.99	-155.56	0.00164
91.92	-162.63	0.00131	84.85	-169.71	0.00105
77.78	-176.78	0.00084	70.71	-183.85	0.00068
63.64	-190.92	0.00056	56.57	-197.99	0.00046
205.06	-63.64	0.00045	197.99	-70.71	0.00056
190.92	-77.78	0.00072	183.85	-84.85	0.00091
176.78	-91.92	0.00116	169.71	-98.99	0.00148
162.63	-106.07	0.00186	155.56	-113.14	0.00229
152.03	-116.67	0.00252	148.49	-120.21	0.00275
146.37	-122.33	0.00288	144.96	-123.74	0.00295
143.54	-125.16	0.00301	142.13	-126.57	0.00306
140.71	-127.99	0.00310	127.99	-140.71	0.00276
126.57	-142.13	0.00268	125.16	-143.54	0.00260
123.74	-144.96	0.00251	122.33	-146.37	0.00243
120.21	-148.49	0.00229	116.67	-152.03	0.00208
113.14	-155.56	0.00188	106.07	-162.63	0.00153
98.99	-169.71	0.00125	91.92	-176.78	0.00102
84.85	-183.85	0.00084	77.78	-190.92	0.00069
70.71	-197.99	0.00057	63.64	-205.06	0.00047
212.13	-70.71	0.00047	205.06	-77.78	0.00058
197.99	-84.85	0.00073	190.92	-91.92	0.00091
183.85	-98.99	0.00113	176.78	-106.07	0.00140
169.71	-113.14	0.00170	162.63	-120.21	0.00204
159.10	-123.74	0.00222	155.56	-127.28	0.00239

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00247	152.03	-130.81	0.00252
150.61	-132.23	0.00256	149.20	-133.64	0.00259
147.79	-135.06	0.00261	135.06	-147.79	0.00235
133.64	-149.20	0.00230	132.23	-150.61	0.00224
130.81	-152.03	0.00218	129.40	-153.44	0.00212
127.28	-155.56	0.00202	123.74	-159.10	0.00186



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

120.21	-162.63	0.00170	113.14	-169.71	0.00141
106.07	-176.78	0.00118	98.99	-183.85	0.00098
91.92	-190.92	0.00082	84.85	-197.99	0.00068
77.78	-205.06	0.00057	70.71	-212.13	0.00048
219.20	-77.78	0.00048	212.13	-84.85	0.00059
205.06	-91.92	0.00073	197.99	-98.99	0.00089
190.92	-106.07	0.00108	183.85	-113.14	0.00131
176.78	-120.21	0.00155	169.71	-127.28	0.00182
166.17	-130.81	0.00196	162.63	-134.35	0.00208
160.51	-136.47	0.00214	159.10	-137.89	0.00217
157.68	-139.30	0.00220	156.27	-140.71	0.00221
154.86	-142.13	0.00222	142.13	-154.86	0.00203
140.71	-156.27	0.00199	139.30	-157.68	0.00195
137.89	-159.10	0.00190	136.47	-160.51	0.00186
134.35	-162.63	0.00178	130.81	-166.17	0.00166
127.28	-169.71	0.00153	120.21	-176.78	0.00130
113.14	-183.85	0.00110	106.07	-190.92	0.00093
98.99	-197.99	0.00079	91.92	-205.06	0.00067
84.85	-212.13	0.00057	77.78	-219.20	0.00048
226.27	-84.85	0.00049	219.20	-91.92	0.00059
212.13	-98.99	0.00072	205.06	-106.07	0.00086
197.99	-113.14	0.00103	190.92	-120.21	0.00121
183.85	-127.28	0.00141	176.78	-134.35	0.00163
173.24	-137.89	0.00173	169.71	-141.42	0.00182
167.58	-143.54	0.00186	166.17	-144.96	0.00188
164.76	-146.37	0.00190	163.34	-147.79	0.00191
161.93	-149.20	0.00192	149.20	-161.93	0.00176
147.79	-163.34	0.00173	146.37	-164.76	0.00170
144.96	-166.17	0.00167	143.54	-167.58	0.00163
141.42	-169.71	0.00158	137.89	-173.24	0.00148
134.35	-176.78	0.00138	127.28	-183.85	0.00119
120.21	-190.92	0.00102	113.14	-197.99	0.00088
106.07	-205.06	0.00076	98.99	-212.13	0.00065
91.92	-219.20	0.00056	84.85	-226.27	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

233.35	-91.92	0.00049	226.27	-98.99	0.00059
219.20	-106.07	0.00070	212.13	-113.14	0.00083
205.06	-120.21	0.00096	197.99	-127.28	0.00112
190.92	-134.35	0.00128	183.85	-141.42	0.00146
180.31	-144.96	0.00154	176.78	-148.49	0.00160
174.66	-150.61	0.00163	173.24	-152.03	0.00165
171.83	-153.44	0.00166	170.41	-154.86	0.00166
169.00	-156.27	0.00167	156.27	-169.00	0.00154
154.86	-170.41	0.00152	153.44	-171.83	0.00150
152.03	-173.24	0.00147	150.61	-174.66	0.00144
148.49	-176.78	0.00140	144.96	-180.31	0.00133
141.42	-183.85	0.00125	134.35	-190.92	0.00109
127.28	-197.99	0.00095	120.21	-205.06	0.00082
113.14	-212.13	0.00072	106.07	-219.20	0.00063
98.99	-226.27	0.00054	91.92	-233.35	0.00047
240.42	-98.99	0.00049	233.35	-106.07	0.00058
226.27	-113.14	0.00068	219.20	-120.21	0.00078
212.13	-127.28	0.00090	205.06	-134.35	0.00103
197.99	-141.42	0.00117	190.92	-148.49	0.00131
187.38	-152.03	0.00137	183.85	-155.56	0.00142
181.73	-157.68	0.00144	180.31	-159.10	0.00145
178.90	-160.51	0.00146	177.48	-161.93	0.00146
176.07	-163.34	0.00146	163.34	-176.07	0.00136
161.93	-177.48	0.00135	160.51	-178.90	0.00133
159.10	-180.31	0.00131	157.68	-181.73	0.00128
155.56	-183.85	0.00125	152.03	-187.38	0.00119
148.49	-190.92	0.00113	141.42	-197.99	0.00100
134.35	-205.06	0.00088	127.28	-212.13	0.00077
120.21	-219.20	0.00068	113.14	-226.27	0.00060
106.07	-233.35	0.00053	98.99	-240.42	0.00046
247.49	-106.07	0.00049	240.42	-113.14	0.00056
233.35	-120.21	0.00065	226.27	-127.28	0.00074
219.20	-134.35	0.00084	212.13	-141.42	0.00095
205.06	-148.49	0.00107	197.99	-155.56	0.00118
194.45	-159.10	0.00123	190.92	-162.63	0.00127
188.80	-164.76	0.00128	187.38	-166.17	0.00129
185.97	-167.58	0.00129	184.55	-169.00	0.00130
183.14	-170.41	0.00130	170.41	-183.14	0.00121
169.00	-184.55	0.00120	167.58	-185.97	0.00118
166.17	-187.38	0.00117	164.76	-188.80	0.00115

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00112	159.10	-194.45	0.00108	
155.56	-197.99	0.00103	148.49	-205.06	0.00092	
141.42	-212.13	0.00081	134.35	-219.20	0.00072	
127.28	-226.27	0.00064	120.21	-233.35	0.00057	
113.14	-240.42	0.00051	106.07	-247.49	0.00045	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00006	-113.14	240.42	0.00007	
-120.21	233.35	0.00007	-127.28	226.27	0.00008	
-134.35	219.20	0.00008	-141.42	212.13	0.00009	
-148.49	205.06	0.00009	-155.56	197.99	0.00010	
-159.10	194.45	0.00010	-162.63	190.92	0.00011	
-164.76	188.80	0.00011	-166.17	187.38	0.00011	
-167.58	185.97	0.00011	-169.00	184.55	0.00011	
-170.41	183.14	0.00011	-183.14	170.41	0.00012	
-184.55	169.00	0.00012	-185.97	167.58	0.00012	
-187.38	166.17	0.00012	-188.80	164.76	0.00012	
-190.92	162.63	0.00012	-194.45	159.10	0.00012	
-197.99	155.56	0.00011	-205.06	148.49	0.00011	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00006	-106.07	233.35	0.00007	
-113.14	226.27	0.00007	-120.21	219.20	0.00008	
-127.28	212.13	0.00009	-134.35	205.06	0.00009	
-141.42	197.99	0.00010	-148.49	190.92	0.00011	
-152.03	187.38	0.00011	-155.56	183.85	0.00011	
-157.68	181.73	0.00012	-159.10	180.31	0.00012	
-160.51	178.90	0.00012	-161.93	177.48	0.00012	
-163.34	176.07	0.00012	-176.07	163.34	0.00013	

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-177.48	161.93	0.00013	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00012
-190.92	148.49	0.00012	-197.99	141.42	0.00012
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00010	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00010
-91.92	233.35	0.00007	-98.99	226.27	0.00007
-106.07	219.20	0.00008	-113.14	212.13	0.00009
-120.21	205.06	0.00009	-127.28	197.99	0.00010
-134.35	190.92	0.00011	-141.42	183.85	0.00012
-144.96	180.31	0.00012	-148.49	176.78	0.00012
-150.61	174.66	0.00013	-152.03	173.24	0.00013
-153.44	171.83	0.00013	-154.86	170.41	0.00013
-156.27	169.00	0.00013	-169.00	156.27	0.00014
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00014	-180.31	144.96	0.00013
-183.85	141.42	0.00013	-190.92	134.35	0.00013
-197.99	127.28	0.00012	-205.06	120.21	0.00011
-212.13	113.14	0.00011	-219.20	106.07	0.00011
-226.27	99.00	0.00011	-233.35	91.92	0.00011
-84.85	226.27	0.00007	-91.92	219.20	0.00008
-98.99	212.13	0.00008	-106.07	205.06	0.00009
-113.14	197.99	0.00010	-120.21	190.92	0.00011
-127.28	183.85	0.00011	-134.35	176.78	0.00012
-137.89	173.24	0.00013	-141.42	169.71	0.00013
-143.54	167.58	0.00014	-144.96	166.17	0.00014
-146.37	164.76	0.00014	-147.79	163.34	0.00014
-149.20	161.93	0.00014	-161.93	149.20	0.00015
-163.34	147.79	0.00015	-164.76	146.37	0.00015
-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00015	-173.24	137.89	0.00014
-176.78	134.35	0.00014	-183.85	127.28	0.00013

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00012
-205.06	106.07	0.00012	-212.13	99.00	0.00012
-219.20	91.92	0.00012	-226.27	84.85	0.00011
-77.78	219.20	0.00007	-84.85	212.13	0.00008
-91.92	205.06	0.00009	-98.99	197.99	0.00010
-106.07	190.92	0.00011	-113.14	183.85	0.00011
-120.21	176.78	0.00012	-127.28	169.71	0.00013
-130.81	166.17	0.00014	-134.35	162.63	0.00015
-136.47	160.51	0.00015	-137.89	159.10	0.00015
-139.30	157.68	0.00015	-140.71	156.27	0.00015
-142.13	154.86	0.00016	-154.86	142.13	0.00016
-156.27	140.71	0.00016	-157.68	139.30	0.00016
-159.10	137.89	0.00016	-160.51	136.47	0.00016
-162.63	134.35	0.00016	-166.17	130.81	0.00016
-169.71	127.28	0.00015	-176.78	120.21	0.00015
-183.85	113.14	0.00014	-190.92	106.07	0.00013
-197.99	99.00	0.00013	-205.06	91.92	0.00013
-212.13	84.85	0.00013	-219.20	77.78	0.00012
-70.71	212.13	0.00007	-77.78	205.06	0.00008
-84.85	197.99	0.00009	-91.92	190.92	0.00010
-98.99	183.85	0.00011	-106.07	176.78	0.00012
-113.14	169.71	0.00013	-120.21	162.63	0.00015
-123.74	159.10	0.00015	-127.28	155.56	0.00016

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00016	-130.81	152.03	0.00016
-132.23	150.61	0.00017	-133.64	149.20	0.00017
-135.06	147.79	0.00017	-147.79	135.06	0.00018
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00018	-153.44	129.40	0.00018
-155.56	127.28	0.00018	-159.10	123.74	0.00017
-162.63	120.21	0.00017	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00015
-190.92	91.92	0.00014	-197.99	84.85	0.00014
-205.06	77.78	0.00014	-212.13	70.71	0.00013
-63.64	205.06	0.00007	-70.71	197.99	0.00008

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	190.92	0.00010	-84.85	183.85	0.00011
-91.92	176.78	0.00012	-98.99	169.71	0.00013
-106.07	162.63	0.00014	-113.14	155.56	0.00016
-116.67	152.03	0.00017	-120.21	148.49	0.00017
-122.33	146.37	0.00018	-123.74	144.96	0.00018
-125.16	143.54	0.00018	-126.57	142.13	0.00019
-127.99	140.71	0.00019	-140.71	127.99	0.00020
-142.13	126.57	0.00020	-143.54	125.16	0.00020
-144.96	123.74	0.00020	-146.37	122.33	0.00020
-148.49	120.21	0.00019	-152.03	116.67	0.00019
-155.56	113.14	0.00018	-162.63	106.07	0.00017
-169.71	98.99	0.00016	-176.78	91.92	0.00016
-183.85	84.85	0.00016	-190.92	77.78	0.00015
-197.99	70.71	0.00015	-205.06	63.64	0.00014
-56.57	197.99	0.00008	-63.64	190.92	0.00009
-70.71	183.85	0.00010	-77.78	176.78	0.00011
-84.85	169.71	0.00013	-91.92	162.63	0.00014
-98.99	155.56	0.00016	-106.07	148.49	0.00017
-109.60	144.96	0.00018	-113.14	141.42	0.00019
-115.26	139.30	0.00020	-116.67	137.89	0.00020
-118.09	136.47	0.00020	-119.50	135.06	0.00021
-120.92	133.64	0.00021	-133.64	120.92	0.00022
-135.06	119.50	0.00022	-136.47	118.09	0.00022
-137.89	116.67	0.00022	-139.30	115.26	0.00022
-141.42	113.14	0.00021	-144.96	109.60	0.00021
-148.49	106.07	0.00020	-155.56	98.99	0.00019
-162.63	91.92	0.00018	-169.71	84.85	0.00018
-176.78	77.78	0.00017	-183.85	70.71	0.00017
-190.92	63.64	0.00016	-197.99	56.57	0.00015

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 66  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00008	-56.57	183.85	0.00009
-63.64	176.78	0.00010	-70.71	169.71	0.00012
-77.78	162.63	0.00014	-84.85	155.56	0.00015
-91.92	148.49	0.00017	-98.99	141.42	0.00019
-102.53	137.89	0.00020	-106.07	134.35	0.00021

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-108.19	132.23	0.00022	-109.60	130.81	0.00022
-111.02	129.40	0.00022	-112.43	127.99	0.00023
-113.84	126.57	0.00023	-126.57	113.84	0.00025
-127.99	112.43	0.00024	-129.40	111.02	0.00024
-130.81	109.60	0.00024	-132.23	108.19	0.00024
-134.35	106.07	0.00024	-137.89	102.53	0.00023
-141.42	98.99	0.00022	-148.49	91.92	0.00021
-155.56	84.85	0.00020	-162.63	77.78	0.00019
-169.71	70.71	0.00019	-176.78	63.64	0.00018
-183.85	56.57	0.00017	-190.92	49.50	0.00015
-42.43	183.85	0.00008	-49.50	176.78	0.00009
-56.57	169.71	0.00011	-63.64	162.63	0.00013
-70.71	155.56	0.00015	-77.78	148.49	0.00017
-84.85	141.42	0.00019	-91.92	134.35	0.00021
-95.46	130.81	0.00022	-98.99	127.28	0.00023
-101.12	125.16	0.00024	-102.53	123.74	0.00025
-103.94	122.33	0.00025	-105.36	120.92	0.00025
-106.77	119.50	0.00026	-119.50	106.77	0.00028
-120.92	105.36	0.00027	-122.33	103.94	0.00027
-123.74	102.53	0.00027	-125.16	101.12	0.00027
-127.28	98.99	0.00026	-130.81	95.46	0.00025
-134.35	91.92	0.00024	-141.42	84.85	0.00023
-148.49	77.78	0.00022	-155.56	70.71	0.00021
-162.63	63.64	0.00021	-169.71	56.57	0.00019
-176.78	49.50	0.00018	-183.85	42.43	0.00016
-35.36	176.78	0.00008	-42.43	169.71	0.00010
-49.50	162.63	0.00011	-56.57	155.56	0.00013
-63.64	148.49	0.00016	-70.71	141.42	0.00018
-77.78	134.35	0.00021	-84.85	127.28	0.00023
-88.39	123.74	0.00025	-91.92	120.21	0.00026
-94.05	118.09	0.00027	-95.46	116.67	0.00027
-96.87	115.26	0.00028	-98.29	113.84	0.00029
-99.70	112.43	0.00029	-112.43	99.70	0.00031
-113.84	98.29	0.00031	-115.26	96.87	0.00031
-116.67	95.46	0.00030	-118.09	94.05	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:49:41  
 \*\*MODELOPTs:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00029	-123.74	88.39	0.00028
-127.28	84.85	0.00027	-134.35	77.78	0.00026
-141.42	70.71	0.00025	-148.49	63.64	0.00024
-155.56	56.57	0.00023	-162.63	49.50	0.00021
-169.71	42.43	0.00019	-176.78	35.36	0.00017
-28.28	169.71	0.00008	-35.36	162.63	0.00010
-42.43	155.56	0.00012	-49.50	148.49	0.00014
-56.57	141.42	0.00017	-63.64	134.35	0.00020
-70.71	127.28	0.00023	-77.78	120.21	0.00026
-81.32	116.67	0.00028	-84.85	113.14	0.00029
-86.97	111.02	0.00030	-88.39	109.60	0.00031
-89.80	108.19	0.00032	-91.22	106.77	0.00032
-92.63	105.36	0.00033	-105.36	92.63	0.00035
-106.77	91.22	0.00035	-108.19	89.80	0.00035
-109.60	88.39	0.00034	-111.02	86.97	0.00034
-113.14	84.85	0.00033	-116.67	81.32	0.00032
-120.21	77.78	0.00031	-127.28	70.71	0.00029
-134.35	63.64	0.00028	-141.42	56.57	0.00026
-148.49	49.50	0.00025	-155.56	42.43	0.00022
-162.63	35.36	0.00020	-169.71	28.28	0.00018
-21.21	162.63	0.00008	-28.28	155.56	0.00010
-35.36	148.49	0.00012	-42.43	141.42	0.00014
-49.50	134.35	0.00017	-56.57	127.28	0.00021
-63.64	120.21	0.00025	-70.71	113.14	0.00029
-74.25	109.60	0.00031	-77.78	106.07	0.00033
-79.90	103.94	0.00034	-81.32	102.53	0.00035
-82.73	101.12	0.00036	-84.15	99.70	0.00037
-85.56	98.29	0.00038	-98.29	85.56	0.00041
-99.70	84.15	0.00040	-101.12	82.73	0.00040
-102.53	81.32	0.00039	-103.94	79.90	0.00038
-106.07	77.78	0.00037	-109.60	74.25	0.00036
-113.14	70.71	0.00035	-120.21	63.64	0.00033
-127.28	56.57	0.00031	-134.35	49.50	0.00029
-141.42	42.43	0.00026	-148.49	35.36	0.00024
-155.56	28.28	0.00021	-162.63	21.21	0.00018
-14.14	155.56	0.00009	-21.21	148.49	0.00010
-28.28	141.42	0.00012	-35.36	134.35	0.00015
-42.43	127.28	0.00018	-49.50	120.21	0.00022
-56.57	113.14	0.00027	-63.64	106.07	0.00032
-67.18	102.53	0.00035	-70.71	98.99	0.00038

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTS:



\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00039	-74.25	95.46	0.00040
-75.66	94.05	0.00042	-77.07	92.63	0.00043
-78.49	91.22	0.00044	-91.22	78.49	0.00047
-92.63	77.07	0.00046	-94.05	75.66	0.00046
-95.46	74.25	0.00045	-96.87	72.83	0.00044
-98.99	70.71	0.00043	-102.53	67.18	0.00041
-106.07	63.64	0.00040	-113.14	56.57	0.00038
-120.21	49.50	0.00035	-127.28	42.43	0.00032
-134.35	35.36	0.00028	-141.42	28.28	0.00025
-148.49	21.21	0.00022	-155.56	14.14	0.00019
-7.07	148.49	0.00009	-14.14	141.42	0.00010
-21.21	134.35	0.00012	-28.28	127.28	0.00015
-35.36	120.21	0.00019	-42.43	113.14	0.00024
-49.50	106.07	0.00030	-56.57	98.99	0.00036
-60.10	95.46	0.00040	-63.64	91.92	0.00043
-65.76	89.80	0.00045	-67.18	88.39	0.00047
-68.59	86.97	0.00048	-70.00	85.56	0.00050
-71.42	84.15	0.00051	-84.15	71.42	0.00055
-85.56	70.00	0.00054	-86.97	68.59	0.00053
-88.39	67.18	0.00052	-89.80	65.76	0.00051
-91.92	63.64	0.00049	-95.46	60.10	0.00047
-98.99	56.57	0.00046	-106.07	49.50	0.00043
-113.14	42.43	0.00039	-120.21	35.36	0.00035
-127.28	28.28	0.00030	-134.35	21.21	0.00026
-141.42	14.14	0.00023	-148.49	7.07	0.00020
0.00	141.42	0.00009	-7.07	134.35	0.00010
-14.14	127.28	0.00013	-21.21	120.21	0.00016
-28.28	113.14	0.00020	-35.36	106.07	0.00025
-42.43	98.99	0.00032	-49.50	91.92	0.00041
-53.03	88.39	0.00045	-56.57	84.85	0.00050
-58.69	82.73	0.00053	-60.10	81.32	0.00055
-61.52	79.90	0.00057	-62.93	78.49	0.00058
-64.35	77.07	0.00060	-77.07	64.35	0.00065
-78.49	62.93	0.00063	-79.90	61.52	0.00062
-81.32	60.10	0.00061	-82.73	58.69	0.00059
-84.85	56.57	0.00058	-88.39	53.03	0.00055
-91.92	49.50	0.00053	-98.99	42.43	0.00049



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

7.07	106.07	0.00014	0.00	98.99	0.00017
-7.07	91.92	0.00021	-14.14	84.85	0.00028
-21.21	77.78	0.00038	-28.28	70.71	0.00052
-31.82	67.18	0.00063	-35.36	63.64	0.00075
-37.48	61.52	0.00083	-38.89	60.10	0.00089
-40.31	58.69	0.00095	-41.72	57.28	0.00101
-43.13	55.86	0.00107	-55.86	43.13	0.00114
-57.28	41.72	0.00110	-58.69	40.31	0.00107
-60.10	38.89	0.00104	-61.52	37.48	0.00101

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00096	-67.18	31.82	0.00087
-70.71	28.28	0.00079	-77.78	21.21	0.00066
-84.85	14.14	0.00054	-91.92	7.07	0.00045
-98.99	0.00	0.00037	-106.07	-7.07	0.00032
-113.14	-14.14	0.00027	-120.21	-21.21	0.00023
28.28	113.14	0.00010	21.21	106.07	0.00012
14.14	98.99	0.00014	7.07	91.92	0.00018
0.00	84.85	0.00022	-7.07	77.78	0.00029
-14.14	70.71	0.00039	-21.21	63.64	0.00055
-24.75	60.10	0.00067	-28.28	56.57	0.00081
-30.41	54.45	0.00093	-31.82	53.03	0.00101
-33.23	51.62	0.00110	-34.65	50.20	0.00120
-36.06	48.79	0.00129	-48.79	36.06	0.00140
-50.20	34.65	0.00134	-51.62	33.23	0.00128
-53.03	31.82	0.00122	-54.45	30.41	0.00116
-56.57	28.28	0.00108	-60.10	24.75	0.00097
-63.64	21.21	0.00087	-70.71	14.14	0.00071
-77.78	7.07	0.00057	-84.85	0.00	0.00047
-91.92	-7.07	0.00039	-98.99	-14.14	0.00033
-106.07	-21.21	0.00028	-113.14	-28.28	0.00024
35.36	106.07	0.00011	28.28	98.99	0.00013
21.21	91.92	0.00015	14.14	84.85	0.00019
7.07	77.78	0.00023	0.00	70.71	0.00030
-7.07	63.64	0.00041	-14.14	56.57	0.00058
-17.68	53.03	0.00071	-21.21	49.50	0.00087

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-23.33	47.38	0.00100	-24.75	45.96	0.00109
-26.16	44.55	0.00120	-27.58	43.13	0.00134
-28.99	41.72	0.00148	-41.72	28.99	0.00165
-43.13	27.58	0.00154	-44.55	26.16	0.00144
-45.96	24.75	0.00135	-47.38	23.33	0.00128
-49.50	21.21	0.00118	-53.03	17.68	0.00104
-56.57	14.14	0.00093	-63.64	7.07	0.00074
-70.71	0.00	0.00060	-77.78	-7.07	0.00049
-84.85	-14.14	0.00040	-91.92	-21.21	0.00034
-98.99	-28.28	0.00029	-106.07	-35.36	0.00025
42.43	98.99	0.00012	35.36	91.92	0.00014
28.28	84.85	0.00016	21.21	77.78	0.00020
14.14	70.71	0.00025	7.07	63.64	0.00033
0.00	56.57	0.00045	-7.07	49.50	0.00064
-10.61	45.96	0.00078	-14.14	42.43	0.00097

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00112	-17.68	38.89	0.00123
-19.09	37.48	0.00137	-20.51	36.06	0.00154
-21.92	34.65	0.00177	-34.65	21.92	0.00190
-36.06	20.51	0.00172	-37.48	19.09	0.00159
-38.89	17.68	0.00148	-40.31	16.26	0.00139
-42.43	14.14	0.00127	-45.96	10.61	0.00111
-49.50	7.07	0.00098	-56.57	0.00	0.00078
-63.64	-7.07	0.00062	-70.71	-14.14	0.00050
-77.78	-21.21	0.00041	-84.85	-28.28	0.00035
-91.92	-35.36	0.00030	-98.99	-42.43	0.00026
49.50	91.92	0.00013	42.43	84.85	0.00015
35.36	77.78	0.00018	28.28	70.71	0.00022
21.21	63.64	0.00028	14.14	56.57	0.00036
7.07	49.50	0.00050	0.00	42.43	0.00074
-3.54	38.89	0.00094	-7.07	35.36	0.00124
-9.19	33.23	0.00150	-10.61	31.82	0.00173
-12.02	30.41	0.00202	-13.44	28.99	0.00241
-14.85	27.58	0.00295	-27.58	14.85	0.00255
-28.99	13.44	0.00219	-30.41	12.02	0.00194

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	10.61	0.00175	-33.23	9.19	0.00161
-35.36	7.07	0.00144	-38.89	3.54	0.00123
-42.43	0.00	0.00107	-49.50	-7.07	0.00083
-56.57	-14.14	0.00065	-63.64	-21.21	0.00053
-70.71	-28.28	0.00043	-77.78	-35.36	0.00036
-84.85	-42.43	0.00031	-91.92	-49.50	0.00026
56.57	84.85	0.00014	49.50	77.78	0.00016
42.43	70.71	0.00020	35.36	63.64	0.00024
28.28	56.57	0.00031	21.21	49.50	0.00041
14.14	42.43	0.00059	7.07	35.36	0.00095
3.54	31.82	0.00126	0.00	28.28	0.00177
-2.12	26.16	0.00221	-3.54	24.75	0.00258
-4.95	23.33	0.00304	-6.36	21.92	0.00360
-7.78	20.51	0.00431	-20.51	7.78	0.00337
-21.92	6.36	0.00287	-23.33	4.95	0.00250
-24.75	3.54	0.00222	-26.16	2.12	0.00199
-28.28	0.00	0.00173	-31.82	-3.54	0.00142
-35.36	-7.07	0.00120	-42.43	-14.14	0.00090
-49.50	-21.21	0.00070	-56.57	-28.28	0.00056
-63.64	-35.36	0.00046	-70.71	-42.43	0.00039
-77.78	-49.50	0.00032	-84.85	-56.57	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00015	56.57	70.71	0.00018
49.50	63.64	0.00022	42.43	56.57	0.00027
35.36	49.50	0.00036	28.28	42.43	0.00050
21.21	35.36	0.00075	14.14	28.28	0.00125
10.61	24.75	0.00171	7.07	21.21	0.00239
4.95	19.09	0.00296	3.54	17.68	0.00342
2.12	16.26	0.00398	0.71	14.85	0.00463
-0.71	13.44	0.00542	-13.44	0.71	0.00412
-14.85	-0.71	0.00353	-16.26	-2.12	0.00308
-17.68	-3.54	0.00273	-19.09	-4.95	0.00244
-21.21	-7.07	0.00210	-24.75	-10.61	0.00167
-28.28	-14.14	0.00137	-35.36	-21.21	0.00099
-42.43	-28.28	0.00076	-49.50	-35.36	0.00061

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-42.43	0.00049	-63.64	-49.50	0.00041
-70.71	-56.57	0.00034	-77.78	-63.64	0.00029
70.71	70.71	0.00016	63.64	63.64	0.00020
56.57	56.57	0.00025	49.50	49.50	0.00032
42.43	42.43	0.00043	35.36	35.36	0.00061
28.28	28.28	0.00095	21.21	21.21	0.00161
17.68	17.68	0.00217	14.14	14.14	0.00297
12.02	12.02	0.00361	10.61	10.61	0.00412
9.19	9.19	0.00472	7.78	7.78	0.00543
6.36	6.36	0.00627	-6.36	-6.36	0.00473
-7.78	-7.78	0.00408	-9.19	-9.19	0.00358
-10.61	-10.61	0.00317	-12.02	-12.02	0.00284
-14.14	-14.14	0.00244	-17.68	-17.68	0.00194
-21.21	-21.21	0.00157	-28.28	-28.28	0.00111
-35.36	-35.36	0.00083	-42.43	-42.43	0.00065
-49.50	-49.50	0.00053	-56.57	-56.57	0.00043
-63.64	-63.64	0.00036	-70.71	-70.71	0.00030
77.78	63.64	0.00018	70.71	56.57	0.00022
63.64	49.50	0.00028	56.57	42.43	0.00038
49.50	35.36	0.00052	42.43	28.28	0.00076
35.36	21.21	0.00118	28.28	14.14	0.00196
24.75	10.61	0.00258	21.21	7.07	0.00345
19.09	4.95	0.00412	17.68	3.54	0.00466
16.26	2.12	0.00529	14.85	0.71	0.00601
13.44	-0.71	0.00687	0.71	-13.44	0.00519
-0.71	-14.85	0.00450	-2.12	-16.26	0.00397
-3.54	-17.68	0.00353	-4.95	-19.09	0.00316

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 73  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00272	-10.61	-24.75	0.00216
-14.14	-28.28	0.00177	-21.21	-35.36	0.00124
-28.28	-42.43	0.00092	-35.36	-49.50	0.00071
-42.43	-56.57	0.00056	-49.50	-63.64	0.00046
-56.57	-70.71	0.00038	-63.64	-77.78	0.00032
84.85	56.57	0.00020	77.78	49.50	0.00025
70.71	42.43	0.00033	63.64	35.36	0.00044

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	28.28	0.00062	49.50	21.21	0.00091
42.43	14.14	0.00142	35.36	7.07	0.00228
31.82	3.54	0.00294	28.28	0.00	0.00384
26.16	-2.12	0.00453	24.75	-3.54	0.00508
23.33	-4.95	0.00570	21.92	-6.36	0.00642
20.51	-7.78	0.00727	7.78	-20.51	0.00548
6.36	-21.92	0.00478	4.95	-23.33	0.00423
3.54	-24.75	0.00377	2.12	-26.16	0.00339
0.00	-28.28	0.00293	-3.54	-31.82	0.00236
-7.07	-35.36	0.00195	-14.14	-42.43	0.00138
-21.21	-49.50	0.00101	-28.28	-56.57	0.00077
-35.36	-63.64	0.00060	-42.43	-70.71	0.00049
-49.50	-77.78	0.00040	-56.57	-84.85	0.00034
91.92	49.50	0.00023	84.85	42.43	0.00029
77.78	35.36	0.00038	70.71	28.28	0.00052
63.64	21.21	0.00073	56.57	14.14	0.00107
49.50	7.07	0.00163	42.43	0.00	0.00256
38.89	-3.54	0.00325	35.36	-7.07	0.00417
33.23	-9.19	0.00486	31.82	-10.61	0.00540
30.41	-12.02	0.00600	28.99	-13.44	0.00670
27.58	-14.85	0.00752	14.85	-27.58	0.00563
13.44	-28.99	0.00493	12.02	-30.41	0.00439
10.61	-31.82	0.00394	9.19	-33.23	0.00357
7.07	-35.36	0.00311	3.54	-38.89	0.00253
0.00	-42.43	0.00210	-7.07	-49.50	0.00150
-14.14	-56.57	0.00111	-21.21	-63.64	0.00084
-28.28	-70.71	0.00065	-35.36	-77.78	0.00052
-42.43	-84.85	0.00043	-49.50	-91.92	0.00036
98.99	42.43	0.00026	91.92	35.36	0.00033
84.85	28.28	0.00044	77.78	21.21	0.00059
70.71	14.14	0.00084	63.64	7.07	0.00122
56.57	0.00	0.00182	49.50	-7.07	0.00279
45.96	-10.61	0.00351	42.43	-14.14	0.00444

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00513	38.89	-17.68	0.00567

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

37.48	-19.09	0.00626	36.06	-20.51	0.00694
34.65	-21.92	0.00770	21.92	-34.65	0.00570
20.51	-36.06	0.00504	19.09	-37.48	0.00452
17.68	-38.89	0.00409	16.26	-40.31	0.00373
14.14	-42.43	0.00327	10.61	-45.96	0.00268
7.07	-49.50	0.00224	0.00	-56.57	0.00161
-7.07	-63.64	0.00120	-14.14	-70.71	0.00091
-21.21	-77.78	0.00070	-28.28	-84.85	0.00056
-35.36	-91.92	0.00045	-42.43	-98.99	0.00038
106.07	35.36	0.00029	98.99	28.28	0.00037
91.92	21.21	0.00049	84.85	14.14	0.00067
77.78	7.07	0.00094	70.71	0.00	0.00135
63.64	-7.07	0.00197	56.57	-14.14	0.00296
53.03	-17.68	0.00368	49.50	-21.21	0.00460
47.38	-23.33	0.00529	45.96	-24.75	0.00581
44.55	-26.16	0.00638	43.13	-27.58	0.00702
41.72	-28.99	0.00772	28.99	-41.72	0.00570
27.58	-43.13	0.00511	26.16	-44.55	0.00461
24.75	-45.96	0.00419	23.33	-47.38	0.00384
21.21	-49.50	0.00339	17.68	-53.03	0.00280
14.14	-56.57	0.00234	7.07	-63.64	0.00170
0.00	-70.71	0.00127	-7.07	-77.78	0.00097
-14.14	-84.85	0.00075	-21.21	-91.92	0.00060
-28.28	-98.99	0.00048	-35.36	-106.07	0.00040
113.14	28.28	0.00032	106.07	21.21	0.00041
98.99	14.14	0.00055	91.92	7.07	0.00075
84.85	0.00	0.00103	77.78	-7.07	0.00145
70.71	-14.14	0.00208	63.64	-21.21	0.00305
60.10	-24.75	0.00373	56.57	-28.28	0.00456
54.45	-30.41	0.00513	53.03	-31.82	0.00554
51.62	-33.23	0.00595	50.20	-34.65	0.00637
48.79	-36.06	0.00675	36.06	-48.79	0.00520
34.65	-50.20	0.00481	33.23	-51.62	0.00444
31.82	-53.03	0.00410	30.41	-54.45	0.00379
28.28	-56.57	0.00338	24.75	-60.10	0.00283
21.21	-63.64	0.00238	14.14	-70.71	0.00175
7.07	-77.78	0.00132	0.00	-84.85	0.00102
-7.07	-91.92	0.00079	-14.14	-98.99	0.00063
-21.21	-106.07	0.00051	-28.28	-113.14	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00035	113.14	14.14	0.00046
106.07	7.07	0.00060	98.99	0.00	0.00081
91.92	-7.07	0.00111	84.85	-14.14	0.00153
77.78	-21.21	0.00213	70.71	-28.28	0.00300
67.18	-31.82	0.00356	63.64	-35.36	0.00419
61.52	-37.48	0.00459	60.10	-38.89	0.00485
58.69	-40.31	0.00510	57.28	-41.72	0.00533
55.86	-43.13	0.00553	43.13	-55.86	0.00452
41.72	-57.28	0.00425	40.31	-58.69	0.00400
38.89	-60.10	0.00375	37.48	-61.52	0.00352
35.36	-63.64	0.00321	31.82	-67.18	0.00275
28.28	-70.71	0.00236	21.21	-77.78	0.00176
14.14	-84.85	0.00134	7.07	-91.92	0.00104
0.00	-98.99	0.00082	-7.07	-106.07	0.00065
-14.14	-113.14	0.00053	-21.21	-120.21	0.00043
127.28	14.14	0.00039	120.21	7.07	0.00050
113.14	0.00	0.00065	106.07	-7.07	0.00086
98.99	-14.14	0.00115	91.92	-21.21	0.00155
84.85	-28.28	0.00209	77.78	-35.36	0.00282
74.25	-38.89	0.00324	70.71	-42.43	0.00368
68.59	-44.55	0.00395	67.18	-45.96	0.00411
65.76	-47.38	0.00427	64.35	-48.79	0.00441
62.93	-50.20	0.00452	50.20	-62.93	0.00384
48.79	-64.35	0.00367	47.38	-65.76	0.00349
45.96	-67.18	0.00332	44.55	-68.59	0.00315
42.43	-70.71	0.00291	38.89	-74.25	0.00255
35.36	-77.78	0.00224	28.28	-84.85	0.00172
21.21	-91.92	0.00134	14.14	-98.99	0.00105
7.07	-106.07	0.00083	0.00	-113.14	0.00067
-7.07	-120.21	0.00054	-14.14	-127.28	0.00045
134.35	7.07	0.00042	127.28	0.00	0.00054
120.21	-7.07	0.00069	113.14	-14.14	0.00090
106.07	-21.21	0.00117	98.99	-28.28	0.00153
91.92	-35.36	0.00200	84.85	-42.43	0.00256
81.32	-45.96	0.00287	77.78	-49.50	0.00319
75.66	-51.62	0.00337	74.25	-53.03	0.00348
72.83	-54.45	0.00358	71.42	-55.86	0.00366
70.00	-57.28	0.00372	57.28	-70.00	0.00325
55.86	-71.42	0.00313	54.45	-72.83	0.00302

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

53.03 -74.25 0.00290 51.62 -75.66 0.00277

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00260	45.96	-81.32	0.00232
42.43	-84.85	0.00207	35.36	-91.92	0.00164
28.28	-98.99	0.00131	21.21	-106.07	0.00105
14.14	-113.14	0.00084	7.07	-120.21	0.00068
0.00	-127.28	0.00056	-7.07	-134.35	0.00046
141.42	0.00	0.00045	134.35	-7.07	0.00056
127.28	-14.14	0.00072	120.21	-21.21	0.00091
113.14	-28.28	0.00116	106.07	-35.36	0.00148
98.99	-42.43	0.00186	91.92	-49.50	0.00229
88.39	-53.03	0.00252	84.85	-56.57	0.00275
82.73	-58.69	0.00288	81.32	-60.10	0.00295
79.90	-61.52	0.00301	78.49	-62.93	0.00306
77.07	-64.35	0.00310	64.35	-77.07	0.00276
62.93	-78.49	0.00268	61.52	-79.90	0.00260
60.10	-81.32	0.00251	58.69	-82.73	0.00243
56.57	-84.85	0.00229	53.03	-88.39	0.00208
49.50	-91.92	0.00188	42.43	-98.99	0.00153
35.36	-106.07	0.00125	28.28	-113.14	0.00102
21.21	-120.21	0.00084	14.14	-127.28	0.00069
7.07	-134.35	0.00057	0.00	-141.42	0.00047
148.49	-7.07	0.00047	141.42	-14.14	0.00058
134.35	-21.21	0.00073	127.28	-28.28	0.00091
120.21	-35.36	0.00113	113.14	-42.43	0.00140
106.07	-49.50	0.00170	98.99	-56.57	0.00204
95.46	-60.10	0.00222	91.92	-63.64	0.00239
89.80	-65.76	0.00247	88.39	-67.18	0.00252
86.97	-68.59	0.00256	85.56	-70.00	0.00259
84.15	-71.42	0.00261	71.42	-84.15	0.00235
70.00	-85.56	0.00230	68.59	-86.97	0.00224
67.18	-88.39	0.00218	65.76	-89.80	0.00212
63.64	-91.92	0.00202	60.10	-95.46	0.00186
56.57	-98.99	0.00170	49.50	-106.07	0.00141
42.43	-113.14	0.00118	35.36	-120.21	0.00098

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

28.28	-127.28	0.00082	21.21	-134.35	0.00068
14.14	-141.42	0.00057	7.07	-148.49	0.00048
155.56	-14.14	0.00048	148.49	-21.21	0.00059
141.42	-28.28	0.00073	134.35	-35.36	0.00089
127.28	-42.43	0.00108	120.21	-49.50	0.00131
113.14	-56.57	0.00155	106.07	-63.64	0.00182
102.53	-67.18	0.00196	98.99	-70.71	0.00208

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00214	95.46	-74.25	0.00217
94.05	-75.66	0.00220	92.63	-77.07	0.00221
91.22	-78.49	0.00222	78.49	-91.22	0.00203
77.07	-92.63	0.00199	75.66	-94.05	0.00195
74.25	-95.46	0.00190	72.83	-96.87	0.00186
70.71	-98.99	0.00178	67.18	-102.53	0.00166
63.64	-106.07	0.00153	56.57	-113.14	0.00130
49.50	-120.21	0.00110	42.43	-127.28	0.00093
35.36	-134.35	0.00079	28.28	-141.42	0.00067
21.21	-148.49	0.00057	14.14	-155.56	0.00048
162.63	-21.21	0.00049	155.56	-28.28	0.00059
148.49	-35.36	0.00072	141.42	-42.43	0.00086
134.35	-49.50	0.00103	127.28	-56.57	0.00121
120.21	-63.64	0.00141	113.14	-70.71	0.00163
109.60	-74.25	0.00173	106.07	-77.78	0.00182
103.94	-79.90	0.00186	102.53	-81.32	0.00188
101.12	-82.73	0.00190	99.70	-84.15	0.00191
98.29	-85.56	0.00192	85.56	-98.29	0.00176
84.15	-99.70	0.00173	82.73	-101.12	0.00170
81.32	-102.53	0.00167	79.90	-103.94	0.00163
77.78	-106.07	0.00158	74.25	-109.60	0.00148
70.71	-113.14	0.00138	63.64	-120.21	0.00119
56.57	-127.28	0.00102	49.50	-134.35	0.00088
42.43	-141.42	0.00076	35.36	-148.49	0.00065
28.28	-155.56	0.00056	21.21	-162.63	0.00048
169.71	-28.28	0.00049	162.63	-35.36	0.00059
155.56	-42.43	0.00070	148.49	-49.50	0.00083

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-56.57	0.00096	134.35	-63.64	0.00112
127.28	-70.71	0.00128	120.21	-77.78	0.00146
116.67	-81.32	0.00154	113.14	-84.85	0.00160
111.02	-86.97	0.00163	109.60	-88.39	0.00165
108.19	-89.80	0.00166	106.77	-91.22	0.00166
105.36	-92.63	0.00167	92.63	-105.36	0.00154
91.22	-106.77	0.00152	89.80	-108.19	0.00150
88.39	-109.60	0.00147	86.97	-111.02	0.00144
84.85	-113.14	0.00140	81.32	-116.67	0.00133
77.78	-120.21	0.00125	70.71	-127.28	0.00109
63.64	-134.35	0.00095	56.57	-141.42	0.00082
49.50	-148.49	0.00072	42.43	-155.56	0.00063
35.36	-162.63	0.00054	28.28	-169.71	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00049	169.71	-42.43	0.00058
162.63	-49.50	0.00068	155.56	-56.57	0.00078
148.49	-63.64	0.00090	141.42	-70.71	0.00103
134.35	-77.78	0.00117	127.28	-84.85	0.00131
123.74	-88.39	0.00137	120.21	-91.92	0.00142
118.09	-94.05	0.00144	116.67	-95.46	0.00145
115.26	-96.87	0.00146	113.84	-98.29	0.00146
112.43	-99.70	0.00146	99.70	-112.43	0.00136
98.29	-113.84	0.00135	96.87	-115.26	0.00133
95.46	-116.67	0.00131	94.05	-118.09	0.00128
91.92	-120.21	0.00125	88.39	-123.74	0.00119
84.85	-127.28	0.00113	77.78	-134.35	0.00100
70.71	-141.42	0.00088	63.64	-148.49	0.00077
56.57	-155.56	0.00068	49.50	-162.63	0.00060
42.43	-169.71	0.00053	35.36	-176.78	0.00046
183.85	-42.43	0.00049	176.78	-49.50	0.00056
169.71	-56.57	0.00065	162.63	-63.64	0.00074
155.56	-70.71	0.00084	148.49	-77.78	0.00095
141.42	-84.85	0.00107	134.35	-91.92	0.00118
130.81	-95.46	0.00123	127.28	-98.99	0.00127
125.16	-101.12	0.00128	123.74	-102.53	0.00129

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

122.33	-103.94	0.00129	120.92	-105.36	0.00130
119.50	-106.77	0.00130	106.77	-119.50	0.00121
105.36	-120.92	0.00120	103.94	-122.33	0.00118
102.53	-123.74	0.00117	101.12	-125.16	0.00115
98.99	-127.28	0.00112	95.46	-130.81	0.00108
91.92	-134.35	0.00103	84.85	-141.42	0.00092
77.78	-148.49	0.00081	70.71	-155.56	0.00072
63.64	-162.63	0.00064	56.57	-169.71	0.00057
49.50	-176.78	0.00051	42.43	-183.85	0.00045
190.92	-49.50	0.00048	183.85	-56.57	0.00054
176.78	-63.64	0.00062	169.71	-70.71	0.00070
162.63	-77.78	0.00078	155.56	-84.85	0.00088
148.49	-91.92	0.00098	141.42	-98.99	0.00107
137.89	-102.53	0.00111	134.35	-106.07	0.00113
132.23	-108.19	0.00115	130.81	-109.60	0.00115
129.40	-111.02	0.00115	127.99	-112.43	0.00115
126.57	-113.84	0.00115	113.84	-126.57	0.00109
112.43	-127.99	0.00107	111.02	-129.40	0.00106
109.60	-130.81	0.00105	108.19	-132.23	0.00103

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00101	102.53	-137.89	0.00097
98.99	-141.42	0.00093	91.92	-148.49	0.00085
84.85	-155.56	0.00076	77.78	-162.63	0.00067
70.71	-169.71	0.00060	63.64	-176.78	0.00054
56.57	-183.85	0.00048	49.50	-190.92	0.00043
197.99	-56.57	0.00046	190.92	-63.64	0.00052
183.85	-70.71	0.00059	176.78	-77.78	0.00066
169.71	-84.85	0.00073	162.63	-91.92	0.00082
155.56	-98.99	0.00090	148.49	-106.07	0.00097
144.96	-109.60	0.00100	141.42	-113.14	0.00102
139.30	-115.26	0.00103	137.89	-116.67	0.00103
136.47	-118.09	0.00104	135.06	-119.50	0.00104
133.64	-120.92	0.00104	120.92	-133.64	0.00098
119.50	-135.06	0.00097	118.09	-136.47	0.00096
116.67	-137.89	0.00095	115.26	-139.30	0.00093

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

113.14	-141.42	0.00092	109.60	-144.96	0.00089
106.07	-148.49	0.00085	98.99	-155.56	0.00078
91.92	-162.63	0.00070	84.85	-169.71	0.00063
77.78	-176.78	0.00057	70.71	-183.85	0.00051
63.64	-190.92	0.00046	56.57	-197.99	0.00042
205.06	-63.64	0.00045	197.99	-70.71	0.00050
190.92	-77.78	0.00056	183.85	-84.85	0.00062
176.78	-91.92	0.00069	169.71	-98.99	0.00076
162.63	-106.07	0.00083	155.56	-113.14	0.00089
152.03	-116.67	0.00091	148.49	-120.21	0.00093
146.37	-122.33	0.00093	144.96	-123.74	0.00093
143.54	-125.16	0.00094	142.13	-126.57	0.00094
140.71	-127.99	0.00093	127.99	-140.71	0.00089
126.57	-142.13	0.00088	125.16	-143.54	0.00087
123.74	-144.96	0.00086	122.33	-146.37	0.00085
120.21	-148.49	0.00083	116.67	-152.03	0.00081
113.14	-155.56	0.00078	106.07	-162.63	0.00072
98.99	-169.71	0.00066	91.92	-176.78	0.00059
84.85	-183.85	0.00053	77.78	-190.92	0.00048
70.71	-197.99	0.00044	63.64	-205.06	0.00040
212.13	-70.71	0.00043	205.06	-77.78	0.00048
197.99	-84.85	0.00053	190.92	-91.92	0.00058
183.85	-98.99	0.00064	176.78	-106.07	0.00071
169.71	-113.14	0.00076	162.63	-120.21	0.00081
159.10	-123.74	0.00083	155.56	-127.28	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00085	152.03	-130.81	0.00085
150.61	-132.23	0.00085	149.20	-133.64	0.00085
147.79	-135.06	0.00085	135.06	-147.79	0.00081
133.64	-149.20	0.00080	132.23	-150.61	0.00079
130.81	-152.03	0.00078	129.40	-153.44	0.00077
127.28	-155.56	0.00076	123.74	-159.10	0.00074
120.21	-162.63	0.00072	113.14	-169.71	0.00067
106.07	-176.78	0.00061	98.99	-183.85	0.00056
91.92	-190.92	0.00050	84.85	-197.99	0.00046

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-205.06	0.00042	70.71	-212.13	0.00038
219.20	-77.78	0.00041	212.13	-84.85	0.00045
205.06	-91.92	0.00050	197.99	-98.99	0.00055
190.92	-106.07	0.00060	183.85	-113.14	0.00066
176.78	-120.21	0.00071	169.71	-127.28	0.00075
166.17	-130.81	0.00076	162.63	-134.35	0.00077
160.51	-136.47	0.00077	159.10	-137.89	0.00077
157.68	-139.30	0.00077	156.27	-140.71	0.00077
154.86	-142.13	0.00077	142.13	-154.86	0.00074
140.71	-156.27	0.00073	139.30	-157.68	0.00072
137.89	-159.10	0.00072	136.47	-160.51	0.00071
134.35	-162.63	0.00070	130.81	-166.17	0.00068
127.28	-169.71	0.00066	120.21	-176.78	0.00062
113.14	-183.85	0.00057	106.07	-190.92	0.00052
98.99	-197.99	0.00048	91.92	-205.06	0.00043
84.85	-212.13	0.00040	77.78	-219.20	0.00036
226.27	-84.85	0.00039	219.20	-91.92	0.00043
212.13	-98.99	0.00047	205.06	-106.07	0.00052
197.99	-113.14	0.00057	190.92	-120.21	0.00061
183.85	-127.28	0.00066	176.78	-134.35	0.00069
173.24	-137.89	0.00070	169.71	-141.42	0.00071
167.58	-143.54	0.00071	166.17	-144.96	0.00071
164.76	-146.37	0.00071	163.34	-147.79	0.00071
161.93	-149.20	0.00071	149.20	-161.93	0.00068
147.79	-163.34	0.00067	146.37	-164.76	0.00066
144.96	-166.17	0.00066	143.54	-167.58	0.00065
141.42	-169.71	0.00064	137.89	-173.24	0.00063
134.35	-176.78	0.00061	127.28	-183.85	0.00057
120.21	-190.92	0.00053	113.14	-197.99	0.00049
106.07	-205.06	0.00045	98.99	-212.13	0.00041
91.92	-219.20	0.00038	84.85	-226.27	0.00035

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00038	226.27	-98.99	0.00041
219.20	-106.07	0.00045	212.13	-113.14	0.00049
205.06	-120.21	0.00053	197.99	-127.28	0.00057

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-134.35	0.00061	183.85	-141.42	0.00064
180.31	-144.96	0.00064	176.78	-148.49	0.00065
174.66	-150.61	0.00065	173.24	-152.03	0.00065
171.83	-153.44	0.00065	170.41	-154.86	0.00065
169.00	-156.27	0.00065	156.27	-169.00	0.00062
154.86	-170.41	0.00062	153.44	-171.83	0.00061
152.03	-173.24	0.00061	150.61	-174.66	0.00060
148.49	-176.78	0.00059	144.96	-180.31	0.00058
141.42	-183.85	0.00057	134.35	-190.92	0.00053
127.28	-197.99	0.00050	120.21	-205.06	0.00046
113.14	-212.13	0.00043	106.07	-219.20	0.00039
98.99	-226.27	0.00036	91.92	-233.35	0.00033
240.42	-98.99	0.00036	233.35	-106.07	0.00039
226.27	-113.14	0.00043	219.20	-120.21	0.00046
212.13	-127.28	0.00050	205.06	-134.35	0.00054
197.99	-141.42	0.00057	190.92	-148.49	0.00059
187.38	-152.03	0.00060	183.85	-155.56	0.00060
181.73	-157.68	0.00060	180.31	-159.10	0.00060
178.90	-160.51	0.00060	177.48	-161.93	0.00060
176.07	-163.34	0.00060	163.34	-176.07	0.00057
161.93	-177.48	0.00057	160.51	-178.90	0.00057
159.10	-180.31	0.00056	157.68	-181.73	0.00056
155.56	-183.85	0.00055	152.03	-187.38	0.00054
148.49	-190.92	0.00053	141.42	-197.99	0.00050
134.35	-205.06	0.00047	127.28	-212.13	0.00044
120.21	-219.20	0.00040	113.14	-226.27	0.00037
106.07	-233.35	0.00034	98.99	-240.42	0.00032
247.49	-106.07	0.00035	240.42	-113.14	0.00037
233.35	-120.21	0.00041	226.27	-127.28	0.00044
219.20	-134.35	0.00047	212.13	-141.42	0.00050
205.06	-148.49	0.00053	197.99	-155.56	0.00055
194.45	-159.10	0.00055	190.92	-162.63	0.00056
188.80	-164.76	0.00056	187.38	-166.17	0.00056
185.97	-167.58	0.00056	184.55	-169.00	0.00056
183.14	-170.41	0.00055	170.41	-183.14	0.00053
169.00	-184.55	0.00053	167.58	-185.97	0.00053
166.17	-187.38	0.00052	164.76	-188.80	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00051	159.10	-194.45	0.00050
155.56	-197.99	0.00049	148.49	-205.06	0.00047
141.42	-212.13	0.00044	134.35	-219.20	0.00041
127.28	-226.27	0.00038	120.21	-233.35	0.00036
113.14	-240.42	0.00033	106.07	-247.49	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00008	-113.14	240.42	0.00009
-120.21	233.35	0.00011	-127.28	226.27	0.00013
-134.35	219.20	0.00015	-141.42	212.13	0.00017
-148.49	205.06	0.00019	-155.56	197.99	0.00021
-159.10	194.45	0.00022	-162.63	190.92	0.00023
-164.76	188.80	0.00024	-166.17	187.38	0.00025
-167.58	185.97	0.00025	-169.00	184.55	0.00025
-170.41	183.14	0.00026	-183.14	170.41	0.00028
-184.55	169.00	0.00027	-185.97	167.58	0.00027
-187.38	166.17	0.00027	-188.80	164.76	0.00027
-190.92	162.63	0.00026	-194.45	159.10	0.00025
-197.99	155.56	0.00024	-205.06	148.49	0.00023
-212.13	141.42	0.00022	-219.20	134.35	0.00021
-226.27	127.28	0.00021	-233.35	120.21	0.00019
-240.42	113.14	0.00018	-247.49	106.07	0.00016
-98.99	240.42	0.00008	-106.07	233.35	0.00010
-113.14	226.27	0.00011	-120.21	219.20	0.00013
-127.28	212.13	0.00016	-134.35	205.06	0.00018
-141.42	197.99	0.00021	-148.49	190.92	0.00023
-152.03	187.38	0.00025	-155.56	183.85	0.00026
-157.68	181.73	0.00027	-159.10	180.31	0.00027
-160.51	178.90	0.00028	-161.93	177.48	0.00029
-163.34	176.07	0.00029	-176.07	163.34	0.00031
-177.48	161.93	0.00031	-178.90	160.51	0.00031
-180.31	159.10	0.00030	-181.73	157.68	0.00030
-183.85	155.56	0.00029	-187.38	152.03	0.00028

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-190.92	148.49	0.00027	-197.99	141.42	0.00026
-205.06	134.35	0.00025	-212.13	127.28	0.00024
-219.20	120.21	0.00023	-226.27	113.14	0.00021
-233.35	106.07	0.00019	-240.42	98.99	0.00017
-91.92	233.35	0.00008	-98.99	226.27	0.00010
-106.07	219.20	0.00012	-113.14	212.13	0.00014
-120.21	205.06	0.00017	-127.28	197.99	0.00020
-134.35	190.92	0.00023	-141.42	183.85	0.00026
-144.96	180.31	0.00028	-148.49	176.78	0.00029
-150.61	174.66	0.00030	-152.03	173.24	0.00031
-153.44	171.83	0.00032	-154.86	170.41	0.00032
-156.27	169.00	0.00033	-169.00	156.27	0.00035
-170.41	154.86	0.00035	-171.83	153.44	0.00035
-173.24	152.03	0.00034	-174.66	150.61	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00033	-180.31	144.96	0.00032
-183.85	141.42	0.00031	-190.92	134.35	0.00029
-197.99	127.28	0.00028	-205.06	120.21	0.00026
-212.13	113.14	0.00025	-219.20	106.07	0.00022
-226.27	99.00	0.00020	-233.35	91.92	0.00018
-84.85	226.27	0.00008	-91.92	219.20	0.00010
-98.99	212.13	0.00012	-106.07	205.06	0.00014
-113.14	197.99	0.00017	-120.21	190.92	0.00021
-127.28	183.85	0.00025	-134.35	176.78	0.00029
-137.89	173.24	0.00031	-141.42	169.71	0.00033
-143.54	167.58	0.00034	-144.96	166.17	0.00035
-146.37	164.76	0.00036	-147.79	163.34	0.00037
-149.20	161.93	0.00038	-161.93	149.20	0.00041
-163.34	147.79	0.00040	-164.76	146.37	0.00040
-166.17	144.96	0.00039	-167.58	143.54	0.00038
-169.71	141.42	0.00037	-173.24	137.89	0.00036
-176.78	134.35	0.00035	-183.85	127.28	0.00033
-190.92	120.21	0.00031	-197.99	113.14	0.00029
-205.06	106.07	0.00026	-212.13	99.00	0.00024
-219.20	91.92	0.00021	-226.27	84.85	0.00018

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-77.78	219.20	0.00009	-84.85	212.13	0.00010
-91.92	205.06	0.00012	-98.99	197.99	0.00015
-106.07	190.92	0.00018	-113.14	183.85	0.00022
-120.21	176.78	0.00027	-127.28	169.71	0.00032
-130.81	166.17	0.00035	-134.35	162.63	0.00038
-136.47	160.51	0.00039	-137.89	159.10	0.00040
-139.30	157.68	0.00042	-140.71	156.27	0.00043
-142.13	154.86	0.00044	-154.86	142.13	0.00047
-156.27	140.71	0.00046	-157.68	139.30	0.00046
-159.10	137.89	0.00045	-160.51	136.47	0.00044
-162.63	134.35	0.00043	-166.17	130.81	0.00041
-169.71	127.28	0.00040	-176.78	120.21	0.00038
-183.85	113.14	0.00035	-190.92	106.07	0.00032
-197.99	99.00	0.00028	-205.06	91.92	0.00025
-212.13	84.85	0.00022	-219.20	77.78	0.00019
-70.71	212.13	0.00009	-77.78	205.06	0.00010
-84.85	197.99	0.00012	-91.92	190.92	0.00015
-98.99	183.85	0.00019	-106.07	176.78	0.00024
-113.14	169.71	0.00030	-120.21	162.63	0.00036
-123.74	159.10	0.00040	-127.28	155.56	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00045	-130.81	152.03	0.00047
-132.23	150.61	0.00048	-133.64	149.20	0.00050
-135.06	147.79	0.00051	-147.79	135.06	0.00055
-149.20	133.64	0.00054	-150.61	132.23	0.00053
-152.03	130.81	0.00052	-153.44	129.40	0.00051
-155.56	127.28	0.00049	-159.10	123.74	0.00047
-162.63	120.21	0.00046	-169.71	113.14	0.00043
-176.78	106.07	0.00039	-183.85	98.99	0.00035
-190.92	91.92	0.00030	-197.99	84.85	0.00026
-205.06	77.78	0.00023	-212.13	70.71	0.00020
-63.64	205.06	0.00009	-70.71	197.99	0.00010
-77.78	190.92	0.00013	-84.85	183.85	0.00016
-91.92	176.78	0.00020	-98.99	169.71	0.00025
-106.07	162.63	0.00032	-113.14	155.56	0.00041

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-116.67	152.03	0.00045	-120.21	148.49	0.00050
-122.33	146.37	0.00053	-123.74	144.96	0.00055
-125.16	143.54	0.00057	-126.57	142.13	0.00058
-127.99	140.71	0.00060	-140.71	127.99	0.00065
-142.13	126.57	0.00063	-143.54	125.16	0.00062
-144.96	123.74	0.00061	-146.37	122.33	0.00059
-148.49	120.21	0.00058	-152.03	116.67	0.00055
-155.56	113.14	0.00053	-162.63	106.07	0.00049
-169.71	98.99	0.00043	-176.78	91.92	0.00037
-183.85	84.85	0.00032	-190.92	77.78	0.00028
-197.99	70.71	0.00024	-205.06	63.64	0.00021
-56.57	197.99	0.00009	-63.64	190.92	0.00011
-70.71	183.85	0.00013	-77.78	176.78	0.00016
-84.85	169.71	0.00020	-91.92	162.63	0.00026
-98.99	155.56	0.00034	-106.07	148.49	0.00045
-109.60	144.96	0.00051	-113.14	141.42	0.00058
-115.26	139.30	0.00062	-116.67	137.89	0.00064
-118.09	136.47	0.00067	-119.50	135.06	0.00070
-120.92	133.64	0.00072	-133.64	120.92	0.00077
-135.06	119.50	0.00075	-136.47	118.09	0.00074
-137.89	116.67	0.00072	-139.30	115.26	0.00070
-141.42	113.14	0.00068	-144.96	109.60	0.00065
-148.49	106.07	0.00062	-155.56	98.99	0.00055
-162.63	91.92	0.00047	-169.71	84.85	0.00040
-176.78	77.78	0.00034	-183.85	70.71	0.00029
-190.92	63.64	0.00025	-197.99	56.57	0.00022

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 86  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00011
-63.64	176.78	0.00013	-70.71	169.71	0.00016
-77.78	162.63	0.00021	-84.85	155.56	0.00027
-91.92	148.49	0.00036	-98.99	141.42	0.00049
-102.53	137.89	0.00057	-106.07	134.35	0.00067
-108.19	132.23	0.00072	-109.60	130.81	0.00076
-111.02	129.40	0.00080	-112.43	127.99	0.00084
-113.84	126.57	0.00088	-126.57	113.84	0.00093

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	112.43	0.00091	-129.40	111.02	0.00088
-130.81	109.60	0.00086	-132.23	108.19	0.00084
-134.35	106.07	0.00081	-137.89	102.53	0.00077
-141.42	98.99	0.00071	-148.49	91.92	0.00060
-155.56	84.85	0.00051	-162.63	77.78	0.00043
-169.71	70.71	0.00036	-176.78	63.64	0.00030
-183.85	56.57	0.00026	-190.92	49.50	0.00023
-42.43	183.85	0.00010	-49.50	176.78	0.00011
-56.57	169.71	0.00014	-63.64	162.63	0.00017
-70.71	155.56	0.00021	-77.78	148.49	0.00028
-84.85	141.42	0.00038	-91.92	134.35	0.00052
-95.46	130.81	0.00063	-98.99	127.28	0.00075
-101.12	125.16	0.00083	-102.53	123.74	0.00089
-103.94	122.33	0.00095	-105.36	120.92	0.00101
-106.77	119.50	0.00107	-119.50	106.77	0.00114
-120.92	105.36	0.00110	-122.33	103.94	0.00107
-123.74	102.53	0.00104	-125.16	101.12	0.00101
-127.28	98.99	0.00096	-130.81	95.46	0.00087
-134.35	91.92	0.00079	-141.42	84.85	0.00066
-148.49	77.78	0.00054	-155.56	70.71	0.00045
-162.63	63.64	0.00037	-169.71	56.57	0.00032
-176.78	49.50	0.00027	-183.85	42.43	0.00023
-35.36	176.78	0.00010	-42.43	169.71	0.00012
-49.50	162.63	0.00014	-56.57	155.56	0.00018
-63.64	148.49	0.00022	-70.71	141.42	0.00029
-77.78	134.35	0.00039	-84.85	127.28	0.00055
-88.39	123.74	0.00067	-91.92	120.21	0.00081
-94.05	118.09	0.00093	-95.46	116.67	0.00101
-96.87	115.26	0.00110	-98.29	113.84	0.00120
-99.70	112.43	0.00129	-112.43	99.70	0.00140
-113.84	98.29	0.00134	-115.26	96.87	0.00128
-116.67	95.46	0.00122	-118.09	94.05	0.00116

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00108	-123.74	88.39	0.00097
-127.28	84.85	0.00087	-134.35	77.78	0.00071

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	70.71	0.00057	-148.49	63.64	0.00047
-155.56	56.57	0.00039	-162.63	49.50	0.00033
-169.71	42.43	0.00028	-176.78	35.36	0.00024
-28.28	169.71	0.00011	-35.36	162.63	0.00013
-42.43	155.56	0.00015	-49.50	148.49	0.00019
-56.57	141.42	0.00023	-63.64	134.35	0.00030
-70.71	127.28	0.00041	-77.78	120.21	0.00058
-81.32	116.67	0.00071	-84.85	113.14	0.00087
-86.97	111.02	0.00100	-88.39	109.60	0.00109
-89.80	108.19	0.00120	-91.22	106.77	0.00134
-92.63	105.36	0.00148	-105.36	92.63	0.00165
-106.77	91.22	0.00154	-108.19	89.80	0.00144
-109.60	88.39	0.00135	-111.02	86.97	0.00128
-113.14	84.85	0.00118	-116.67	81.32	0.00104
-120.21	77.78	0.00093	-127.28	70.71	0.00074
-134.35	63.64	0.00060	-141.42	56.57	0.00049
-148.49	49.50	0.00040	-155.56	42.43	0.00034
-162.63	35.36	0.00029	-169.71	28.28	0.00025
-21.21	162.63	0.00012	-28.28	155.56	0.00014
-35.36	148.49	0.00016	-42.43	141.42	0.00020
-49.50	134.35	0.00025	-56.57	127.28	0.00033
-63.64	120.21	0.00045	-70.71	113.14	0.00064
-74.25	109.60	0.00078	-77.78	106.07	0.00097
-79.90	103.94	0.00112	-81.32	102.53	0.00123
-82.73	101.12	0.00137	-84.15	99.70	0.00154
-85.56	98.29	0.00177	-98.29	85.56	0.00190
-99.70	84.15	0.00172	-101.12	82.73	0.00159
-102.53	81.32	0.00148	-103.94	79.90	0.00139
-106.07	77.78	0.00127	-109.60	74.25	0.00111
-113.14	70.71	0.00098	-120.21	63.64	0.00078
-127.28	56.57	0.00062	-134.35	49.50	0.00050
-141.42	42.43	0.00041	-148.49	35.36	0.00035
-155.56	28.28	0.00030	-162.63	21.21	0.00026
-14.14	155.56	0.00013	-21.21	148.49	0.00015
-28.28	141.42	0.00018	-35.36	134.35	0.00022
-42.43	127.28	0.00028	-49.50	120.21	0.00036
-56.57	113.14	0.00050	-63.64	106.07	0.00074
-67.18	102.53	0.00094	-70.71	98.99	0.00124

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

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20NCRA PL97-300 DPM\_TRAV ANN\_SE-NW Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00150	-74.25	95.46	0.00173
-75.66	94.05	0.00202	-77.07	92.63	0.00241
-78.49	91.22	0.00295	-91.22	78.49	0.00255
-92.63	77.07	0.00219	-94.05	75.66	0.00194
-95.46	74.25	0.00175	-96.87	72.83	0.00161
-98.99	70.71	0.00144	-102.53	67.18	0.00123
-106.07	63.64	0.00107	-113.14	56.57	0.00083
-120.21	49.50	0.00065	-127.28	42.43	0.00053
-134.35	35.36	0.00043	-141.42	28.28	0.00036
-148.49	21.21	0.00031	-155.56	14.14	0.00026
-7.07	148.49	0.00014	-14.14	141.42	0.00016
-21.21	134.35	0.00020	-28.28	127.28	0.00024
-35.36	120.21	0.00031	-42.43	113.14	0.00041
-49.50	106.07	0.00059	-56.57	98.99	0.00095
-60.10	95.46	0.00126	-63.64	91.92	0.00177
-65.76	89.80	0.00221	-67.18	88.39	0.00258
-68.59	86.97	0.00304	-70.00	85.56	0.00360
-71.42	84.15	0.00431	-84.15	71.42	0.00337
-85.56	70.00	0.00287	-86.97	68.59	0.00250
-88.39	67.18	0.00222	-89.80	65.76	0.00199
-91.92	63.64	0.00173	-95.46	60.10	0.00142
-98.99	56.57	0.00120	-106.07	49.50	0.00090
-113.14	42.43	0.00070	-120.21	35.36	0.00056
-127.28	28.28	0.00046	-134.35	21.21	0.00039
-141.42	14.14	0.00032	-148.49	7.07	0.00028
0.00	141.42	0.00015	-7.07	134.35	0.00018
-14.14	127.28	0.00022	-21.21	120.21	0.00027
-28.28	113.14	0.00036	-35.36	106.07	0.00050
-42.43	98.99	0.00075	-49.50	91.92	0.00125
-53.03	88.39	0.00171	-56.57	84.85	0.00239
-58.69	82.73	0.00296	-60.10	81.32	0.00342
-61.52	79.90	0.00398	-62.93	78.49	0.00463
-64.35	77.07	0.00543	-77.07	64.35	0.00412
-78.49	62.93	0.00353	-79.90	61.52	0.00308
-81.32	60.10	0.00273	-82.73	58.69	0.00244
-84.85	56.57	0.00210	-88.39	53.03	0.00167
-91.92	49.50	0.00137	-98.99	42.43	0.00099
-106.07	35.36	0.00076	-113.14	28.28	0.00061
-120.21	21.21	0.00049	-127.28	14.14	0.00041
-134.35	7.07	0.00034	-141.42	0.00	0.00029

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00016	0.00	127.28	0.00020
-7.07	120.21	0.00025	-14.14	113.14	0.00032
-21.21	106.07	0.00043	-28.28	98.99	0.00061
-35.36	91.92	0.00095	-42.43	84.85	0.00161
-45.96	81.32	0.00217	-49.50	77.78	0.00297
-51.62	75.66	0.00361	-53.03	74.25	0.00412
-54.45	72.83	0.00472	-55.86	71.42	0.00543
-57.28	70.00	0.00627	-70.00	57.28	0.00473
-71.42	55.86	0.00408	-72.83	54.45	0.00358
-74.25	53.03	0.00317	-75.66	51.62	0.00284
-77.78	49.50	0.00244	-81.32	45.96	0.00194
-84.85	42.43	0.00157	-91.92	35.36	0.00111
-98.99	28.28	0.00083	-106.07	21.21	0.00065
-113.14	14.14	0.00053	-120.21	7.07	0.00043
-127.28	0.00	0.00036	-134.35	-7.07	0.00030
14.14	127.28	0.00018	7.07	120.21	0.00022
0.00	113.14	0.00028	-7.07	106.07	0.00038
-14.14	98.99	0.00052	-21.21	91.92	0.00076
-28.28	84.85	0.00118	-35.36	77.78	0.00196
-38.89	74.25	0.00258	-42.43	70.71	0.00345
-44.55	68.59	0.00412	-45.96	67.18	0.00466
-47.38	65.76	0.00529	-48.79	64.35	0.00601
-50.20	62.93	0.00687	-62.93	50.20	0.00519
-64.35	48.79	0.00450	-65.76	47.38	0.00397
-67.18	45.96	0.00353	-68.59	44.55	0.00316
-70.71	42.43	0.00272	-74.25	38.89	0.00216
-77.78	35.36	0.00177	-84.85	28.28	0.00124
-91.92	21.21	0.00092	-98.99	14.14	0.00071
-106.07	7.07	0.00056	-113.14	0.00	0.00046
-120.21	-7.07	0.00038	-127.28	-14.14	0.00032
21.21	120.21	0.00020	14.14	113.14	0.00025
7.07	106.07	0.00033	0.00	98.99	0.00044
-7.07	91.92	0.00062	-14.14	84.85	0.00091
-21.21	77.78	0.00142	-28.28	70.71	0.00228



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-31.82	67.18	0.00294	-35.36	63.64	0.00384
-37.48	61.52	0.00453	-38.89	60.10	0.00508
-40.31	58.69	0.00570	-41.72	57.28	0.00642
-43.13	55.86	0.00727	-55.86	43.13	0.00548
-57.28	41.72	0.00478	-58.69	40.31	0.00423
-60.10	38.89	0.00377	-61.52	37.48	0.00339

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00293	-67.18	31.82	0.00236
-70.71	28.28	0.00195	-77.78	21.21	0.00138
-84.85	14.14	0.00101	-91.92	7.07	0.00077
-98.99	0.00	0.00060	-106.07	-7.07	0.00049
-113.14	-14.14	0.00040	-120.21	-21.21	0.00034
28.28	113.14	0.00023	21.21	106.07	0.00029
14.14	98.99	0.00038	7.07	91.92	0.00052
0.00	84.85	0.00073	-7.07	77.78	0.00107
-14.14	70.71	0.00163	-21.21	63.64	0.00256
-24.75	60.10	0.00325	-28.28	56.57	0.00417
-30.41	54.45	0.00486	-31.82	53.03	0.00540
-33.23	51.62	0.00600	-34.65	50.20	0.00670
-36.06	48.79	0.00752	-48.79	36.06	0.00563
-50.20	34.65	0.00493	-51.62	33.23	0.00439
-53.03	31.82	0.00394	-54.45	30.41	0.00357
-56.57	28.28	0.00311	-60.10	24.75	0.00253
-63.64	21.21	0.00210	-70.71	14.14	0.00150
-77.78	7.07	0.00111	-84.85	0.00	0.00084
-91.92	-7.07	0.00065	-98.99	-14.14	0.00052
-106.07	-21.21	0.00043	-113.14	-28.28	0.00036
35.36	106.07	0.00026	28.28	98.99	0.00033
21.21	91.92	0.00044	14.14	84.85	0.00059
7.07	77.78	0.00084	0.00	70.71	0.00122
-7.07	63.64	0.00182	-14.14	56.57	0.00279
-17.68	53.03	0.00351	-21.21	49.50	0.00444
-23.33	47.38	0.00513	-24.75	45.96	0.00567
-26.16	44.55	0.00626	-27.58	43.13	0.00694
-28.99	41.72	0.00770	-41.72	28.99	0.00570

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	27.58	0.00504	-44.55	26.16	0.00452
-45.96	24.75	0.00409	-47.38	23.33	0.00373
-49.50	21.21	0.00327	-53.03	17.68	0.00268
-56.57	14.14	0.00224	-63.64	7.07	0.00161
-70.71	0.00	0.00120	-77.78	-7.07	0.00091
-84.85	-14.14	0.00070	-91.92	-21.21	0.00056
-98.99	-28.28	0.00045	-106.07	-35.36	0.00038
42.43	98.99	0.00029	35.36	91.92	0.00037
28.28	84.85	0.00049	21.21	77.78	0.00067
14.14	70.71	0.00094	7.07	63.64	0.00135
0.00	56.57	0.00197	-7.07	49.50	0.00296
-10.61	45.96	0.00368	-14.14	42.43	0.00460

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00529	-17.68	38.89	0.00581
-19.09	37.48	0.00638	-20.51	36.06	0.00702
-21.92	34.65	0.00772	-34.65	21.92	0.00570
-36.06	20.51	0.00511	-37.48	19.09	0.00461
-38.89	17.68	0.00419	-40.31	16.26	0.00384
-42.43	14.14	0.00339	-45.96	10.61	0.00280
-49.50	7.07	0.00234	-56.57	0.00	0.00170
-63.64	-7.07	0.00127	-70.71	-14.14	0.00097
-77.78	-21.21	0.00075	-84.85	-28.28	0.00060
-91.92	-35.36	0.00048	-98.99	-42.43	0.00040
49.50	91.92	0.00032	42.43	84.85	0.00041
35.36	77.78	0.00055	28.28	70.71	0.00075
21.21	63.64	0.00103	14.14	56.57	0.00145
7.07	49.50	0.00208	0.00	42.43	0.00305
-3.54	38.89	0.00373	-7.07	35.36	0.00456
-9.19	33.23	0.00513	-10.61	31.82	0.00554
-12.02	30.41	0.00595	-13.44	28.99	0.00637
-14.85	27.58	0.00675	-27.58	14.85	0.00520
-28.99	13.44	0.00481	-30.41	12.02	0.00444
-31.82	10.61	0.00410	-33.23	9.19	0.00379
-35.36	7.07	0.00338	-38.89	3.54	0.00283
-42.43	0.00	0.00238	-49.50	-7.07	0.00175

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	-14.14	0.00132	-63.64	-21.21	0.00102
-70.71	-28.28	0.00079	-77.78	-35.36	0.00063
-84.85	-42.43	0.00051	-91.92	-49.50	0.00042
56.57	84.85	0.00035	49.50	77.78	0.00046
42.43	70.71	0.00060	35.36	63.64	0.00081
28.28	56.57	0.00111	21.21	49.50	0.00153
14.14	42.43	0.00213	7.07	35.36	0.00300
3.54	31.82	0.00356	0.00	28.28	0.00419
-2.12	26.16	0.00459	-3.54	24.75	0.00485
-4.95	23.33	0.00510	-6.36	21.92	0.00533
-7.78	20.51	0.00553	-20.51	7.78	0.00452
-21.92	6.36	0.00425	-23.33	4.95	0.00400
-24.75	3.54	0.00375	-26.16	2.12	0.00352
-28.28	0.00	0.00321	-31.82	-3.54	0.00275
-35.36	-7.07	0.00236	-42.43	-14.14	0.00176
-49.50	-21.21	0.00134	-56.57	-28.28	0.00104
-63.64	-35.36	0.00082	-70.71	-42.43	0.00065
-77.78	-49.50	0.00053	-84.85	-56.57	0.00043

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00039	56.57	70.71	0.00050
49.50	63.64	0.00065	42.43	56.57	0.00086
35.36	49.50	0.00115	28.28	42.43	0.00155
21.21	35.36	0.00209	14.14	28.28	0.00282
10.61	24.75	0.00324	7.07	21.21	0.00368
4.95	19.09	0.00395	3.54	17.68	0.00411
2.12	16.26	0.00427	0.71	14.85	0.00441
-0.71	13.44	0.00452	-13.44	0.71	0.00384
-14.85	-0.71	0.00367	-16.26	-2.12	0.00349
-17.68	-3.54	0.00332	-19.09	-4.95	0.00315
-21.21	-7.07	0.00291	-24.75	-10.61	0.00255
-28.28	-14.14	0.00224	-35.36	-21.21	0.00172
-42.43	-28.28	0.00134	-49.50	-35.36	0.00105
-56.57	-42.43	0.00083	-63.64	-49.50	0.00067
-70.71	-56.57	0.00054	-77.78	-63.64	0.00045
70.71	70.71	0.00042	63.64	63.64	0.00054

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	56.57	0.00069	49.50	49.50	0.00090
42.43	42.43	0.00117	35.36	35.36	0.00153
28.28	28.28	0.00200	21.21	21.21	0.00256
17.68	17.68	0.00287	14.14	14.14	0.00319
12.02	12.02	0.00337	10.61	10.61	0.00348
9.19	9.19	0.00358	7.78	7.78	0.00366
6.36	6.36	0.00372	-6.36	-6.36	0.00325
-7.78	-7.78	0.00313	-9.19	-9.19	0.00302
-10.61	-10.61	0.00290	-12.02	-12.02	0.00277
-14.14	-14.14	0.00260	-17.68	-17.68	0.00232
-21.21	-21.21	0.00207	-28.28	-28.28	0.00164
-35.36	-35.36	0.00131	-42.43	-42.43	0.00105
-49.50	-49.50	0.00084	-56.57	-56.57	0.00068
-63.64	-63.64	0.00056	-70.71	-70.71	0.00046
77.78	63.64	0.00045	70.71	56.57	0.00056
63.64	49.50	0.00072	56.57	42.43	0.00091
49.50	35.36	0.00116	42.43	28.28	0.00148
35.36	21.21	0.00186	28.28	14.14	0.00229
24.75	10.61	0.00252	21.21	7.07	0.00275
19.09	4.95	0.00288	17.68	3.54	0.00295
16.26	2.12	0.00301	14.85	0.71	0.00306
13.44	-0.71	0.00310	0.71	-13.44	0.00276
-0.71	-14.85	0.00268	-2.12	-16.26	0.00260
-3.54	-17.68	0.00251	-4.95	-19.09	0.00243

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00229	-10.61	-24.75	0.00208
-14.14	-28.28	0.00188	-21.21	-35.36	0.00153
-28.28	-42.43	0.00125	-35.36	-49.50	0.00102
-42.43	-56.57	0.00084	-49.50	-63.64	0.00069
-56.57	-70.71	0.00057	-63.64	-77.78	0.00047
84.85	56.57	0.00047	77.78	49.50	0.00058
70.71	42.43	0.00073	63.64	35.36	0.00091
56.57	28.28	0.00113	49.50	21.21	0.00140
42.43	14.14	0.00170	35.36	7.07	0.00204
31.82	3.54	0.00222	28.28	0.00	0.00239

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

26.16	-2.12	0.00247	24.75	-3.54	0.00252
23.33	-4.95	0.00256	21.92	-6.36	0.00259
20.51	-7.78	0.00261	7.78	-20.51	0.00235
6.36	-21.92	0.00230	4.95	-23.33	0.00224
3.54	-24.75	0.00218	2.12	-26.16	0.00212
0.00	-28.28	0.00202	-3.54	-31.82	0.00186
-7.07	-35.36	0.00170	-14.14	-42.43	0.00141
-21.21	-49.50	0.00118	-28.28	-56.57	0.00098
-35.36	-63.64	0.00082	-42.43	-70.71	0.00068
-49.50	-77.78	0.00057	-56.57	-84.85	0.00048
91.92	49.50	0.00048	84.85	42.43	0.00059
77.78	35.36	0.00073	70.71	28.28	0.00089
63.64	21.21	0.00108	56.57	14.14	0.00131
49.50	7.07	0.00155	42.43	0.00	0.00182
38.89	-3.54	0.00196	35.36	-7.07	0.00208
33.23	-9.19	0.00214	31.82	-10.61	0.00217
30.41	-12.02	0.00220	28.99	-13.44	0.00221
27.58	-14.85	0.00222	14.85	-27.58	0.00203
13.44	-28.99	0.00199	12.02	-30.41	0.00195
10.61	-31.82	0.00190	9.19	-33.23	0.00186
7.07	-35.36	0.00178	3.54	-38.89	0.00166
0.00	-42.43	0.00153	-7.07	-49.50	0.00130
-14.14	-56.57	0.00110	-21.21	-63.64	0.00093
-28.28	-70.71	0.00079	-35.36	-77.78	0.00067
-42.43	-84.85	0.00057	-49.50	-91.92	0.00048
98.99	42.43	0.00049	91.92	35.36	0.00059
84.85	28.28	0.00072	77.78	21.21	0.00086
70.71	14.14	0.00103	63.64	7.07	0.00121
56.57	0.00	0.00141	49.50	-7.07	0.00163
45.96	-10.61	0.00173	42.43	-14.14	0.00182

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00186	38.89	-17.68	0.00188
37.48	-19.09	0.00190	36.06	-20.51	0.00191
34.65	-21.92	0.00192	21.92	-34.65	0.00176
20.51	-36.06	0.00173	19.09	-37.48	0.00170

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	-38.89	0.00167	16.26	-40.31	0.00163
14.14	-42.43	0.00158	10.61	-45.96	0.00148
7.07	-49.50	0.00138	0.00	-56.57	0.00119
-7.07	-63.64	0.00102	-14.14	-70.71	0.00088
-21.21	-77.78	0.00076	-28.28	-84.85	0.00065
-35.36	-91.92	0.00056	-42.43	-98.99	0.00048
106.07	35.36	0.00049	98.99	28.28	0.00059
91.92	21.21	0.00070	84.85	14.14	0.00083
77.78	7.07	0.00096	70.71	0.00	0.00112
63.64	-7.07	0.00128	56.57	-14.14	0.00146
53.03	-17.68	0.00154	49.50	-21.21	0.00160
47.38	-23.33	0.00163	45.96	-24.75	0.00165
44.55	-26.16	0.00166	43.13	-27.58	0.00166
41.72	-28.99	0.00167	28.99	-41.72	0.00154
27.58	-43.13	0.00152	26.16	-44.55	0.00150
24.75	-45.96	0.00147	23.33	-47.38	0.00144
21.21	-49.50	0.00140	17.68	-53.03	0.00133
14.14	-56.57	0.00125	7.07	-63.64	0.00109
0.00	-70.71	0.00095	-7.07	-77.78	0.00082
-14.14	-84.85	0.00072	-21.21	-91.92	0.00063
-28.28	-98.99	0.00054	-35.36	-106.07	0.00047
113.14	28.28	0.00049	106.07	21.21	0.00058
98.99	14.14	0.00068	91.92	7.07	0.00078
84.85	0.00	0.00090	77.78	-7.07	0.00103
70.71	-14.14	0.00117	63.64	-21.21	0.00131
60.10	-24.75	0.00137	56.57	-28.28	0.00142
54.45	-30.41	0.00144	53.03	-31.82	0.00145
51.62	-33.23	0.00146	50.20	-34.65	0.00146
48.79	-36.06	0.00146	36.06	-48.79	0.00136
34.65	-50.20	0.00135	33.23	-51.62	0.00133
31.82	-53.03	0.00131	30.41	-54.45	0.00128
28.28	-56.57	0.00125	24.75	-60.10	0.00119
21.21	-63.64	0.00113	14.14	-70.71	0.00100
7.07	-77.78	0.00088	0.00	-84.85	0.00077
-7.07	-91.92	0.00068	-14.14	-98.99	0.00060
-21.21	-106.07	0.00053	-28.28	-113.14	0.00046

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00049	113.14	14.14	0.00056
106.07	7.07	0.00065	98.99	0.00	0.00074
91.92	-7.07	0.00084	84.85	-14.14	0.00095
77.78	-21.21	0.00107	70.71	-28.28	0.00118
67.18	-31.82	0.00123	63.64	-35.36	0.00127
61.52	-37.48	0.00128	60.10	-38.89	0.00129
58.69	-40.31	0.00129	57.28	-41.72	0.00130
55.86	-43.13	0.00130	43.13	-55.86	0.00121
41.72	-57.28	0.00120	40.31	-58.69	0.00118
38.89	-60.10	0.00117	37.48	-61.52	0.00115
35.36	-63.64	0.00112	31.82	-67.18	0.00108
28.28	-70.71	0.00103	21.21	-77.78	0.00092
14.14	-84.85	0.00081	7.07	-91.92	0.00072
0.00	-98.99	0.00064	-7.07	-106.07	0.00057
-14.14	-113.14	0.00051	-21.21	-120.21	0.00045
127.28	14.14	0.00048	120.21	7.07	0.00054
113.14	0.00	0.00062	106.07	-7.07	0.00070
98.99	-14.14	0.00078	91.92	-21.21	0.00088
84.85	-28.28	0.00098	77.78	-35.36	0.00107
74.25	-38.89	0.00111	70.71	-42.43	0.00113
68.59	-44.55	0.00115	67.18	-45.96	0.00115
65.76	-47.38	0.00115	64.35	-48.79	0.00115
62.93	-50.20	0.00115	50.20	-62.93	0.00109
48.79	-64.35	0.00107	47.38	-65.76	0.00106
45.96	-67.18	0.00105	44.55	-68.59	0.00103
42.43	-70.71	0.00101	38.89	-74.25	0.00097
35.36	-77.78	0.00093	28.28	-84.85	0.00085
21.21	-91.92	0.00076	14.14	-98.99	0.00067
7.07	-106.07	0.00060	0.00	-113.14	0.00054
-7.07	-120.21	0.00048	-14.14	-127.28	0.00043
134.35	7.07	0.00046	127.28	0.00	0.00052
120.21	-7.07	0.00059	113.14	-14.14	0.00066
106.07	-21.21	0.00073	98.99	-28.28	0.00082
91.92	-35.36	0.00090	84.85	-42.43	0.00097
81.32	-45.96	0.00100	77.78	-49.50	0.00102
75.66	-51.62	0.00103	74.25	-53.03	0.00103
72.83	-54.45	0.00104	71.42	-55.86	0.00104
70.00	-57.28	0.00104	57.28	-70.00	0.00098
55.86	-71.42	0.00097	54.45	-72.83	0.00096
53.03	-74.25	0.00095	51.62	-75.66	0.00093

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 96  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00092	45.96	-81.32	0.00089
42.43	-84.85	0.00085	35.36	-91.92	0.00078
28.28	-98.99	0.00070	21.21	-106.07	0.00063
14.14	-113.14	0.00057	7.07	-120.21	0.00051
0.00	-127.28	0.00046	-7.07	-134.35	0.00042
141.42	0.00	0.00045	134.35	-7.07	0.00050
127.28	-14.14	0.00056	120.21	-21.21	0.00062
113.14	-28.28	0.00069	106.07	-35.36	0.00076
98.99	-42.43	0.00083	91.92	-49.50	0.00089
88.39	-53.03	0.00091	84.85	-56.57	0.00093
82.73	-58.69	0.00093	81.32	-60.10	0.00093
79.90	-61.52	0.00094	78.49	-62.93	0.00094
77.07	-64.35	0.00093	64.35	-77.07	0.00089
62.93	-78.49	0.00088	61.52	-79.90	0.00087
60.10	-81.32	0.00086	58.69	-82.73	0.00085
56.57	-84.85	0.00083	53.03	-88.39	0.00081
49.50	-91.92	0.00078	42.43	-98.99	0.00072
35.36	-106.07	0.00066	28.28	-113.14	0.00059
21.21	-120.21	0.00053	14.14	-127.28	0.00048
7.07	-134.35	0.00044	0.00	-141.42	0.00040
148.49	-7.07	0.00043	141.42	-14.14	0.00048
134.35	-21.21	0.00053	127.28	-28.28	0.00058
120.21	-35.36	0.00064	113.14	-42.43	0.00071
106.07	-49.50	0.00076	98.99	-56.57	0.00081
95.46	-60.10	0.00083	91.92	-63.64	0.00084
89.80	-65.76	0.00085	88.39	-67.18	0.00085
86.97	-68.59	0.00085	85.56	-70.00	0.00085
84.15	-71.42	0.00085	71.42	-84.15	0.00081
70.00	-85.56	0.00080	68.59	-86.97	0.00079
67.18	-88.39	0.00078	65.76	-89.80	0.00077
63.64	-91.92	0.00076	60.10	-95.46	0.00074
56.57	-98.99	0.00072	49.50	-106.07	0.00067
42.43	-113.14	0.00061	35.36	-120.21	0.00056
28.28	-127.28	0.00050	21.21	-134.35	0.00046
14.14	-141.42	0.00042	7.07	-148.49	0.00038
155.56	-14.14	0.00041	148.49	-21.21	0.00045



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

141.42	-28.28	0.00050	134.35	-35.36	0.00055
127.28	-42.43	0.00060	120.21	-49.50	0.00066
113.14	-56.57	0.00071	106.07	-63.64	0.00075
102.53	-67.18	0.00076	98.99	-70.71	0.00077

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00077	95.46	-74.25	0.00077
94.05	-75.66	0.00077	92.63	-77.07	0.00077
91.22	-78.49	0.00077	78.49	-91.22	0.00074
77.07	-92.63	0.00073	75.66	-94.05	0.00072
74.25	-95.46	0.00072	72.83	-96.87	0.00071
70.71	-98.99	0.00070	67.18	-102.53	0.00068
63.64	-106.07	0.00066	56.57	-113.14	0.00062
49.50	-120.21	0.00057	42.43	-127.28	0.00052
35.36	-134.35	0.00048	28.28	-141.42	0.00043
21.21	-148.49	0.00040	14.14	-155.56	0.00036
162.63	-21.21	0.00039	155.56	-28.28	0.00043
148.49	-35.36	0.00047	141.42	-42.43	0.00052
134.35	-49.50	0.00057	127.28	-56.57	0.00061
120.21	-63.64	0.00066	113.14	-70.71	0.00069
109.60	-74.25	0.00070	106.07	-77.78	0.00071
103.94	-79.90	0.00071	102.53	-81.32	0.00071
101.12	-82.73	0.00071	99.70	-84.15	0.00071
98.29	-85.56	0.00071	85.56	-98.29	0.00068
84.15	-99.70	0.00067	82.73	-101.12	0.00066
81.32	-102.53	0.00066	79.90	-103.94	0.00065
77.78	-106.07	0.00064	74.25	-109.60	0.00063
70.71	-113.14	0.00061	63.64	-120.21	0.00057
56.57	-127.28	0.00053	49.50	-134.35	0.00049
42.43	-141.42	0.00045	35.36	-148.49	0.00041
28.28	-155.56	0.00038	21.21	-162.63	0.00035
169.71	-28.28	0.00038	162.63	-35.36	0.00041
155.56	-42.43	0.00045	148.49	-49.50	0.00049
141.42	-56.57	0.00053	134.35	-63.64	0.00057
127.28	-70.71	0.00061	120.21	-77.78	0.00064
116.67	-81.32	0.00064	113.14	-84.85	0.00065

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

111.02	-86.97	0.00065	109.60	-88.39	0.00065
108.19	-89.80	0.00065	106.77	-91.22	0.00065
105.36	-92.63	0.00065	92.63	-105.36	0.00062
91.22	-106.77	0.00062	89.80	-108.19	0.00061
88.39	-109.60	0.00061	86.97	-111.02	0.00060
84.85	-113.14	0.00059	81.32	-116.67	0.00058
77.78	-120.21	0.00057	70.71	-127.28	0.00053
63.64	-134.35	0.00050	56.57	-141.42	0.00046
49.50	-148.49	0.00043	42.43	-155.56	0.00039
35.36	-162.63	0.00036	28.28	-169.71	0.00033

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00036	169.71	-42.43	0.00039
162.63	-49.50	0.00043	155.56	-56.57	0.00046
148.49	-63.64	0.00050	141.42	-70.71	0.00054
134.35	-77.78	0.00057	127.28	-84.85	0.00059
123.74	-88.39	0.00060	120.21	-91.92	0.00060
118.09	-94.05	0.00060	116.67	-95.46	0.00060
115.26	-96.87	0.00060	113.84	-98.29	0.00060
112.43	-99.70	0.00060	99.70	-112.43	0.00057
98.29	-113.84	0.00057	96.87	-115.26	0.00057
95.46	-116.67	0.00056	94.05	-118.09	0.00056
91.92	-120.21	0.00055	88.39	-123.74	0.00054
84.85	-127.28	0.00053	77.78	-134.35	0.00050
70.71	-141.42	0.00047	63.64	-148.49	0.00044
56.57	-155.56	0.00040	49.50	-162.63	0.00037
42.43	-169.71	0.00034	35.36	-176.78	0.00032
183.85	-42.43	0.00035	176.78	-49.50	0.00037
169.71	-56.57	0.00041	162.63	-63.64	0.00044
155.56	-70.71	0.00047	148.49	-77.78	0.00050
141.42	-84.85	0.00053	134.35	-91.92	0.00055
130.81	-95.46	0.00055	127.28	-98.99	0.00056
125.16	-101.12	0.00056	123.74	-102.53	0.00056
122.33	-103.94	0.00056	120.92	-105.36	0.00056
119.50	-106.77	0.00055	106.77	-119.50	0.00053
105.36	-120.92	0.00053	103.94	-122.33	0.00053

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53	-123.74	0.00052	101.12	-125.16	0.00052
98.99	-127.28	0.00051	95.46	-130.81	0.00050
91.92	-134.35	0.00049	84.85	-141.42	0.00047
77.78	-148.49	0.00044	70.71	-155.56	0.00041
63.64	-162.63	0.00038	56.57	-169.71	0.00036
49.50	-176.78	0.00033	42.43	-183.85	0.00030
190.92	-49.50	0.00033	183.85	-56.57	0.00036
176.78	-63.64	0.00039	169.71	-70.71	0.00042
162.63	-77.78	0.00045	155.56	-84.85	0.00047
148.49	-91.92	0.00049	141.42	-98.99	0.00051
137.89	-102.53	0.00051	134.35	-106.07	0.00052
132.23	-108.19	0.00052	130.81	-109.60	0.00052
129.40	-111.02	0.00052	127.99	-112.43	0.00052
126.57	-113.84	0.00052	113.84	-126.57	0.00050
112.43	-127.99	0.00049	111.02	-129.40	0.00049
109.60	-130.81	0.00049	108.19	-132.23	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00048	102.53	-137.89	0.00047
98.99	-141.42	0.00046	91.92	-148.49	0.00044
84.85	-155.56	0.00041	77.78	-162.63	0.00039
70.71	-169.71	0.00036	63.64	-176.78	0.00034
56.57	-183.85	0.00031	49.50	-190.92	0.00029
197.99	-56.57	0.00032	190.92	-63.64	0.00034
183.85	-70.71	0.00037	176.78	-77.78	0.00039
169.71	-84.85	0.00042	162.63	-91.92	0.00044
155.56	-98.99	0.00046	148.49	-106.07	0.00048
144.96	-109.60	0.00048	141.42	-113.14	0.00048
139.30	-115.26	0.00048	137.89	-116.67	0.00048
136.47	-118.09	0.00048	135.06	-119.50	0.00048
133.64	-120.92	0.00048	120.92	-133.64	0.00046
119.50	-135.06	0.00046	118.09	-136.47	0.00046
116.67	-137.89	0.00045	115.26	-139.30	0.00045
113.14	-141.42	0.00045	109.60	-144.96	0.00044
106.07	-148.49	0.00043	98.99	-155.56	0.00041
91.92	-162.63	0.00039	84.85	-169.71	0.00037

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-176.78	0.00035	70.71	-183.85	0.00032
63.64	-190.92	0.00030	56.57	-197.99	0.00028
205.06	-63.64	0.00030	197.99	-70.71	0.00033
190.92	-77.78	0.00035	183.85	-84.85	0.00037
176.78	-91.92	0.00040	169.71	-98.99	0.00042
162.63	-106.07	0.00043	155.56	-113.14	0.00045
152.03	-116.67	0.00045	148.49	-120.21	0.00045
146.37	-122.33	0.00045	144.96	-123.74	0.00045
143.54	-125.16	0.00045	142.13	-126.57	0.00045
140.71	-127.99	0.00045	127.99	-140.71	0.00043
126.57	-142.13	0.00043	125.16	-143.54	0.00043
123.74	-144.96	0.00042	122.33	-146.37	0.00042
120.21	-148.49	0.00042	116.67	-152.03	0.00041
113.14	-155.56	0.00040	106.07	-162.63	0.00039
98.99	-169.71	0.00037	91.92	-176.78	0.00035
84.85	-183.85	0.00033	77.78	-190.92	0.00031
70.71	-197.99	0.00029	63.64	-205.06	0.00027
212.13	-70.71	0.00029	205.06	-77.78	0.00031
197.99	-84.85	0.00033	190.92	-91.92	0.00036
183.85	-98.99	0.00038	176.78	-106.07	0.00039
169.71	-113.14	0.00041	162.63	-120.21	0.00042
159.10	-123.74	0.00042	155.56	-127.28	0.00042

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00042	152.03	-130.81	0.00042
150.61	-132.23	0.00042	149.20	-133.64	0.00042
147.79	-135.06	0.00042	135.06	-147.79	0.00041
133.64	-149.20	0.00040	132.23	-150.61	0.00040
130.81	-152.03	0.00040	129.40	-153.44	0.00040
127.28	-155.56	0.00039	123.74	-159.10	0.00039
120.21	-162.63	0.00038	113.14	-169.71	0.00036
106.07	-176.78	0.00035	98.99	-183.85	0.00033
91.92	-190.92	0.00031	84.85	-197.99	0.00029
77.78	-205.06	0.00028	70.71	-212.13	0.00026
219.20	-77.78	0.00028	212.13	-84.85	0.00030
205.06	-91.92	0.00032	197.99	-98.99	0.00034

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-106.07	0.00036	183.85	-113.14	0.00037
176.78	-120.21	0.00038	169.71	-127.28	0.00039
166.17	-130.81	0.00039	162.63	-134.35	0.00040
160.51	-136.47	0.00040	159.10	-137.89	0.00040
157.68	-139.30	0.00039	156.27	-140.71	0.00039
154.86	-142.13	0.00039	142.13	-154.86	0.00038
140.71	-156.27	0.00038	139.30	-157.68	0.00038
137.89	-159.10	0.00037	136.47	-160.51	0.00037
134.35	-162.63	0.00037	130.81	-166.17	0.00036
127.28	-169.71	0.00036	120.21	-176.78	0.00034
113.14	-183.85	0.00033	106.07	-190.92	0.00031
98.99	-197.99	0.00030	91.92	-205.06	0.00028
84.85	-212.13	0.00026	77.78	-219.20	0.00025
226.27	-84.85	0.00027	219.20	-91.92	0.00029
212.13	-98.99	0.00031	205.06	-106.07	0.00032
197.99	-113.14	0.00034	190.92	-120.21	0.00035
183.85	-127.28	0.00036	176.78	-134.35	0.00037
173.24	-137.89	0.00037	169.71	-141.42	0.00037
167.58	-143.54	0.00037	166.17	-144.96	0.00037
164.76	-146.37	0.00037	163.34	-147.79	0.00037
161.93	-149.20	0.00037	149.20	-161.93	0.00036
147.79	-163.34	0.00036	146.37	-164.76	0.00035
144.96	-166.17	0.00035	143.54	-167.58	0.00035
141.42	-169.71	0.00035	137.89	-173.24	0.00034
134.35	-176.78	0.00034	127.28	-183.85	0.00033
120.21	-190.92	0.00031	113.14	-197.99	0.00030
106.07	-205.06	0.00028	98.99	-212.13	0.00027
91.92	-219.20	0.00025	84.85	-226.27	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00026	226.27	-98.99	0.00028
219.20	-106.07	0.00029	212.13	-113.14	0.00031
205.06	-120.21	0.00032	197.99	-127.28	0.00033
190.92	-134.35	0.00034	183.85	-141.42	0.00035
180.31	-144.96	0.00035	176.78	-148.49	0.00035
174.66	-150.61	0.00035	173.24	-152.03	0.00035

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

171.83	-153.44	0.00035	170.41	-154.86	0.00035
169.00	-156.27	0.00035	156.27	-169.00	0.00034
154.86	-170.41	0.00034	153.44	-171.83	0.00033
152.03	-173.24	0.00033	150.61	-174.66	0.00033
148.49	-176.78	0.00033	144.96	-180.31	0.00032
141.42	-183.85	0.00032	134.35	-190.92	0.00031
127.28	-197.99	0.00030	120.21	-205.06	0.00028
113.14	-212.13	0.00027	106.07	-219.20	0.00026
98.99	-226.27	0.00024	91.92	-233.35	0.00023
240.42	-98.99	0.00025	233.35	-106.07	0.00026
226.27	-113.14	0.00028	219.20	-120.21	0.00029
212.13	-127.28	0.00031	205.06	-134.35	0.00032
197.99	-141.42	0.00032	190.92	-148.49	0.00033
187.38	-152.03	0.00033	183.85	-155.56	0.00033
181.73	-157.68	0.00033	180.31	-159.10	0.00033
178.90	-160.51	0.00033	177.48	-161.93	0.00033
176.07	-163.34	0.00033	163.34	-176.07	0.00032
161.93	-177.48	0.00032	160.51	-178.90	0.00032
159.10	-180.31	0.00031	157.68	-181.73	0.00031
155.56	-183.85	0.00031	152.03	-187.38	0.00031
148.49	-190.92	0.00030	141.42	-197.99	0.00029
134.35	-205.06	0.00028	127.28	-212.13	0.00027
120.21	-219.20	0.00026	113.14	-226.27	0.00025
106.07	-233.35	0.00023	98.99	-240.42	0.00022
247.49	-106.07	0.00024	240.42	-113.14	0.00025
233.35	-120.21	0.00027	226.27	-127.28	0.00028
219.20	-134.35	0.00029	212.13	-141.42	0.00030
205.06	-148.49	0.00031	197.99	-155.56	0.00031
194.45	-159.10	0.00031	190.92	-162.63	0.00031
188.80	-164.76	0.00031	187.38	-166.17	0.00031
185.97	-167.58	0.00031	184.55	-169.00	0.00031
183.14	-170.41	0.00031	170.41	-183.14	0.00030
169.00	-184.55	0.00030	167.58	-185.97	0.00030
166.17	-187.38	0.00030	164.76	-188.80	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

162.63	-190.92	0.00029	159.10	-194.45	0.00029
155.56	-197.99	0.00029	148.49	-205.06	0.00028
141.42	-212.13	0.00027	134.35	-219.20	0.00026
127.28	-226.27	0.00025	120.21	-233.35	0.00024
113.14	-240.42	0.00022	106.07	-247.49	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00010	-113.14	240.42	0.00011
-120.21	233.35	0.00014	-127.28	226.27	0.00017
-134.35	219.20	0.00021	-141.42	212.13	0.00028
-148.49	205.06	0.00038	-155.56	197.99	0.00052
-159.10	194.45	0.00063	-162.63	190.92	0.00075
-164.76	188.80	0.00083	-166.17	187.38	0.00089
-167.58	185.97	0.00095	-169.00	184.55	0.00101
-170.41	183.14	0.00107	-183.14	170.41	0.00114
-184.55	169.00	0.00110	-185.97	167.58	0.00107
-187.38	166.17	0.00104	-188.80	164.76	0.00101
-190.92	162.63	0.00096	-194.45	159.10	0.00087
-197.99	155.56	0.00079	-205.06	148.49	0.00066
-212.13	141.42	0.00054	-219.20	134.35	0.00045
-226.27	127.28	0.00037	-233.35	120.21	0.00032
-240.42	113.14	0.00027	-247.49	106.07	0.00023
-98.99	240.42	0.00010	-106.07	233.35	0.00012
-113.14	226.27	0.00014	-120.21	219.20	0.00018
-127.28	212.13	0.00022	-134.35	205.06	0.00029
-141.42	197.99	0.00039	-148.49	190.92	0.00055
-152.03	187.38	0.00067	-155.56	183.85	0.00081
-157.68	181.73	0.00092	-159.10	180.31	0.00101
-160.51	178.90	0.00110	-161.93	177.48	0.00120
-163.34	176.07	0.00129	-176.07	163.34	0.00140
-177.48	161.93	0.00134	-178.90	160.51	0.00128
-180.31	159.10	0.00122	-181.73	157.68	0.00116
-183.85	155.56	0.00108	-187.38	152.03	0.00097
-190.92	148.49	0.00087	-197.99	141.42	0.00071
-205.06	134.35	0.00057	-212.13	127.28	0.00047
-219.20	120.21	0.00039	-226.27	113.14	0.00033







20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-127.99	140.71	0.00543	-140.71	127.99	0.00412
-142.13	126.57	0.00353	-143.54	125.16	0.00308
-144.96	123.74	0.00273	-146.37	122.33	0.00244
-148.49	120.21	0.00210	-152.03	116.67	0.00167
-155.56	113.14	0.00137	-162.63	106.07	0.00099
-169.71	98.99	0.00076	-176.78	91.92	0.00061
-183.85	84.85	0.00049	-190.92	77.78	0.00041
-197.99	70.71	0.00034	-205.06	63.64	0.00029
-56.57	197.99	0.00016	-63.64	190.92	0.00020
-70.71	183.85	0.00025	-77.78	176.78	0.00032
-84.85	169.71	0.00043	-91.92	162.63	0.00061
-98.99	155.56	0.00095	-106.07	148.49	0.00161
-109.60	144.96	0.00217	-113.14	141.42	0.00297
-115.26	139.30	0.00361	-116.67	137.89	0.00412
-118.09	136.47	0.00472	-119.50	135.06	0.00543
-120.92	133.64	0.00627	-133.64	120.92	0.00473
-135.06	119.50	0.00408	-136.47	118.09	0.00358
-137.89	116.67	0.00317	-139.30	115.26	0.00284
-141.42	113.14	0.00244	-144.96	109.60	0.00194
-148.49	106.07	0.00157	-155.56	98.99	0.00111
-162.63	91.92	0.00083	-169.71	84.85	0.00065
-176.78	77.78	0.00053	-183.85	70.71	0.00043
-190.92	63.64	0.00036	-197.99	56.57	0.00030

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):                      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER                      IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00018	-56.57	183.85	0.00022
-63.64	176.78	0.00028	-70.71	169.71	0.00038
-77.78	162.63	0.00052	-84.85	155.56	0.00076
-91.92	148.49	0.00118	-98.99	141.42	0.00196
-102.53	137.89	0.00258	-106.07	134.35	0.00345
-108.19	132.23	0.00412	-109.60	130.81	0.00467
-111.02	129.40	0.00529	-112.43	127.99	0.00601
-113.84	126.57	0.00687	-126.57	113.84	0.00519
-127.99	112.43	0.00450	-129.40	111.02	0.00397
-130.81	109.60	0.00353	-132.23	108.19	0.00316
-134.35	106.07	0.00272	-137.89	102.53	0.00216

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-141.42	98.99	0.00177	-148.49	91.92	0.00124
-155.56	84.85	0.00092	-162.63	77.78	0.00071
-169.71	70.71	0.00056	-176.78	63.64	0.00046
-183.85	56.57	0.00038	-190.92	49.50	0.00032
-42.43	183.85	0.00020	-49.50	176.78	0.00025
-56.57	169.71	0.00033	-63.64	162.63	0.00044
-70.71	155.56	0.00062	-77.78	148.49	0.00091
-84.85	141.42	0.00142	-91.92	134.35	0.00228
-95.46	130.81	0.00294	-98.99	127.28	0.00384
-101.12	125.16	0.00453	-102.53	123.74	0.00508
-103.94	122.33	0.00570	-105.36	120.92	0.00642
-106.77	119.50	0.00727	-119.50	106.77	0.00548
-120.92	105.36	0.00478	-122.33	103.94	0.00423
-123.74	102.53	0.00377	-125.16	101.12	0.00339
-127.28	98.99	0.00293	-130.81	95.46	0.00236
-134.35	91.92	0.00195	-141.42	84.85	0.00138
-148.49	77.78	0.00101	-155.56	70.71	0.00077
-162.63	63.64	0.00060	-169.71	56.57	0.00049
-176.78	49.50	0.00040	-183.85	42.43	0.00034
-35.36	176.78	0.00023	-42.43	169.71	0.00029
-49.50	162.63	0.00038	-56.57	155.56	0.00052
-63.64	148.49	0.00073	-70.71	141.42	0.00107
-77.78	134.35	0.00163	-84.85	127.28	0.00256
-88.39	123.74	0.00325	-91.92	120.21	0.00417
-94.05	118.09	0.00486	-95.46	116.67	0.00540
-96.87	115.26	0.00600	-98.29	113.84	0.00670
-99.70	112.43	0.00752	-112.43	99.70	0.00563
-113.84	98.29	0.00493	-115.26	96.87	0.00439
-116.67	95.46	0.00394	-118.09	94.05	0.00357

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00311	-123.74	88.39	0.00253
-127.28	84.85	0.00210	-134.35	77.78	0.00150
-141.42	70.71	0.00111	-148.49	63.64	0.00084
-155.56	56.57	0.00065	-162.63	49.50	0.00052
-169.71	42.43	0.00043	-176.78	35.36	0.00036

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-28.28	169.71	0.00026	-35.36	162.63	0.00033
-42.43	155.56	0.00044	-49.50	148.49	0.00059
-56.57	141.42	0.00084	-63.64	134.35	0.00122
-70.71	127.28	0.00182	-77.78	120.21	0.00279
-81.32	116.67	0.00351	-84.85	113.14	0.00444
-86.97	111.02	0.00513	-88.39	109.60	0.00567
-89.80	108.19	0.00626	-91.22	106.77	0.00694
-92.63	105.36	0.00770	-105.36	92.63	0.00570
-106.77	91.22	0.00504	-108.19	89.80	0.00452
-109.60	88.39	0.00409	-111.02	86.97	0.00373
-113.14	84.85	0.00327	-116.67	81.32	0.00268
-120.21	77.78	0.00224	-127.28	70.71	0.00161
-134.35	63.64	0.00120	-141.42	56.57	0.00091
-148.49	49.50	0.00070	-155.56	42.43	0.00056
-162.63	35.36	0.00045	-169.71	28.28	0.00038
-21.21	162.63	0.00029	-28.28	155.56	0.00037
-35.36	148.49	0.00049	-42.43	141.42	0.00067
-49.50	134.35	0.00094	-56.57	127.28	0.00135
-63.64	120.21	0.00197	-70.71	113.14	0.00296
-74.25	109.60	0.00368	-77.78	106.07	0.00460
-79.90	103.94	0.00529	-81.32	102.53	0.00581
-82.73	101.12	0.00638	-84.15	99.70	0.00702
-85.56	98.29	0.00772	-98.29	85.56	0.00570
-99.70	84.15	0.00511	-101.12	82.73	0.00461
-102.53	81.32	0.00419	-103.94	79.90	0.00384
-106.07	77.78	0.00339	-109.60	74.25	0.00280
-113.14	70.71	0.00234	-120.21	63.64	0.00170
-127.28	56.57	0.00127	-134.35	49.50	0.00097
-141.42	42.43	0.00075	-148.49	35.36	0.00060
-155.56	28.28	0.00048	-162.63	21.21	0.00040
-14.14	155.56	0.00032	-21.21	148.49	0.00041
-28.28	141.42	0.00055	-35.36	134.35	0.00075
-42.43	127.28	0.00103	-49.50	120.21	0.00145
-56.57	113.14	0.00208	-63.64	106.07	0.00305
-67.18	102.53	0.00373	-70.71	98.99	0.00456

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*  
 15:49:41  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00513	-74.25	95.46	0.00554
-75.66	94.05	0.00595	-77.07	92.63	0.00637
-78.49	91.22	0.00675	-91.22	78.49	0.00520
-92.63	77.07	0.00481	-94.05	75.66	0.00444
-95.46	74.25	0.00410	-96.87	72.83	0.00379
-98.99	70.71	0.00339	-102.53	67.18	0.00283
-106.07	63.64	0.00238	-113.14	56.57	0.00175
-120.21	49.50	0.00132	-127.28	42.43	0.00102
-134.35	35.36	0.00079	-141.42	28.28	0.00063
-148.49	21.21	0.00051	-155.56	14.14	0.00042
-7.07	148.49	0.00035	-14.14	141.42	0.00046
-21.21	134.35	0.00060	-28.28	127.28	0.00081
-35.36	120.21	0.00111	-42.43	113.14	0.00153
-49.50	106.07	0.00213	-56.57	98.99	0.00300
-60.10	95.46	0.00356	-63.64	91.92	0.00419
-65.76	89.80	0.00459	-67.18	88.39	0.00485
-68.59	86.97	0.00510	-70.00	85.56	0.00533
-71.42	84.15	0.00553	-84.15	71.42	0.00452
-85.56	70.00	0.00425	-86.97	68.59	0.00400
-88.39	67.18	0.00375	-89.80	65.76	0.00352
-91.92	63.64	0.00321	-95.46	60.10	0.00275
-98.99	56.57	0.00236	-106.07	49.50	0.00176
-113.14	42.43	0.00134	-120.21	35.36	0.00104
-127.28	28.28	0.00082	-134.35	21.21	0.00065
-141.42	14.14	0.00053	-148.49	7.07	0.00043
0.00	141.42	0.00039	-7.07	134.35	0.00050
-14.14	127.28	0.00065	-21.21	120.21	0.00086
-28.28	113.14	0.00115	-35.36	106.07	0.00155
-42.43	98.99	0.00209	-49.50	91.92	0.00282
-53.03	88.39	0.00324	-56.57	84.85	0.00368
-58.69	82.73	0.00395	-60.10	81.32	0.00411
-61.52	79.90	0.00427	-62.93	78.49	0.00441
-64.35	77.07	0.00452	-77.07	64.35	0.00384
-78.49	62.93	0.00367	-79.90	61.52	0.00349
-81.32	60.10	0.00332	-82.73	58.69	0.00315
-84.85	56.57	0.00291	-88.39	53.03	0.00255
-91.92	49.50	0.00224	-98.99	42.43	0.00172
-106.07	35.36	0.00134	-113.14	28.28	0.00105
-120.21	21.21	0.00083	-127.28	14.14	0.00067
-134.35	7.07	0.00054	-141.42	0.00	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00042	0.00	127.28	0.00054
-7.07	120.21	0.00069	-14.14	113.14	0.00090
-21.21	106.07	0.00117	-28.28	98.99	0.00153
-35.36	91.92	0.00200	-42.43	84.85	0.00256
-45.96	81.32	0.00287	-49.50	77.78	0.00319
-51.62	75.66	0.00337	-53.03	74.25	0.00348
-54.45	72.83	0.00358	-55.86	71.42	0.00366
-57.28	70.00	0.00372	-70.00	57.28	0.00325
-71.42	55.86	0.00313	-72.83	54.45	0.00302
-74.25	53.03	0.00290	-75.66	51.62	0.00277
-77.78	49.50	0.00260	-81.32	45.96	0.00232
-84.85	42.43	0.00207	-91.92	35.36	0.00164
-98.99	28.28	0.00131	-106.07	21.21	0.00105
-113.14	14.14	0.00084	-120.21	7.07	0.00068
-127.28	0.00	0.00056	-134.35	-7.07	0.00046
14.14	127.28	0.00045	7.07	120.21	0.00056
0.00	113.14	0.00072	-7.07	106.07	0.00091
-14.14	98.99	0.00116	-21.21	91.92	0.00148
-28.28	84.85	0.00186	-35.36	77.78	0.00229
-38.89	74.25	0.00252	-42.43	70.71	0.00275
-44.55	68.59	0.00288	-45.96	67.18	0.00295
-47.38	65.76	0.00301	-48.79	64.35	0.00306
-50.20	62.93	0.00310	-62.93	50.20	0.00276
-64.35	48.79	0.00268	-65.76	47.38	0.00260
-67.18	45.96	0.00251	-68.59	44.55	0.00243
-70.71	42.43	0.00229	-74.25	38.89	0.00208
-77.78	35.36	0.00188	-84.85	28.28	0.00153
-91.92	21.21	0.00125	-98.99	14.14	0.00102
-106.07	7.07	0.00084	-113.14	0.00	0.00069
-120.21	-7.07	0.00057	-127.28	-14.14	0.00047
21.21	120.21	0.00047	14.14	113.14	0.00058
7.07	106.07	0.00073	0.00	98.99	0.00091
-7.07	91.92	0.00113	-14.14	84.85	0.00140
-21.21	77.78	0.00170	-28.28	70.71	0.00204
-31.82	67.18	0.00222	-35.36	63.64	0.00239
-37.48	61.52	0.00247	-38.89	60.10	0.00252
-40.31	58.69	0.00256	-41.72	57.28	0.00259

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-43.13	55.86	0.00261	-55.86	43.13	0.00235
-57.28	41.72	0.00230	-58.69	40.31	0.00224
-60.10	38.89	0.00218	-61.52	37.48	0.00212

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00202	-67.18	31.82	0.00186
-70.71	28.28	0.00170	-77.78	21.21	0.00141
-84.85	14.14	0.00118	-91.92	7.07	0.00098
-98.99	0.00	0.00082	-106.07	-7.07	0.00068
-113.14	-14.14	0.00057	-120.21	-21.21	0.00048
28.28	113.14	0.00048	21.21	106.07	0.00059
14.14	98.99	0.00073	7.07	91.92	0.00089
0.00	84.85	0.00108	-7.07	77.78	0.00131
-14.14	70.71	0.00155	-21.21	63.64	0.00182
-24.75	60.10	0.00196	-28.28	56.57	0.00208
-30.41	54.45	0.00214	-31.82	53.03	0.00217
-33.23	51.62	0.00220	-34.65	50.20	0.00221
-36.06	48.79	0.00222	-48.79	36.06	0.00203
-50.20	34.65	0.00199	-51.62	33.23	0.00195
-53.03	31.82	0.00190	-54.45	30.41	0.00186
-56.57	28.28	0.00178	-60.10	24.75	0.00166
-63.64	21.21	0.00153	-70.71	14.14	0.00130
-77.78	7.07	0.00110	-84.85	0.00	0.00093
-91.92	-7.07	0.00079	-98.99	-14.14	0.00067
-106.07	-21.21	0.00057	-113.14	-28.28	0.00048
35.36	106.07	0.00049	28.28	98.99	0.00060
21.21	91.92	0.00072	14.14	84.85	0.00086
7.07	77.78	0.00103	0.00	70.71	0.00121
-7.07	63.64	0.00141	-14.14	56.57	0.00163
-17.68	53.03	0.00173	-21.21	49.50	0.00182
-23.33	47.38	0.00186	-24.75	45.96	0.00188
-26.16	44.55	0.00190	-27.58	43.13	0.00191
-28.99	41.72	0.00192	-41.72	28.99	0.00176
-43.13	27.58	0.00173	-44.55	26.16	0.00170
-45.96	24.75	0.00167	-47.38	23.33	0.00163
-49.50	21.21	0.00158	-53.03	17.68	0.00148

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-56.57	14.14	0.00138	-63.64	7.07	0.00119
-70.71	0.00	0.00102	-77.78	-7.07	0.00088
-84.85	-14.14	0.00076	-91.92	-21.21	0.00065
-98.99	-28.28	0.00056	-106.07	-35.36	0.00048
42.43	98.99	0.00049	35.36	91.92	0.00059
28.28	84.85	0.00070	21.21	77.78	0.00083
14.14	70.71	0.00096	7.07	63.64	0.00112
0.00	56.57	0.00128	-7.07	49.50	0.00146
-10.61	45.96	0.00154	-14.14	42.43	0.00160

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00163	-17.68	38.89	0.00165
-19.09	37.48	0.00166	-20.51	36.06	0.00166
-21.92	34.65	0.00167	-34.65	21.92	0.00154
-36.06	20.51	0.00152	-37.48	19.09	0.00150
-38.89	17.68	0.00147	-40.31	16.26	0.00144
-42.43	14.14	0.00140	-45.96	10.61	0.00133
-49.50	7.07	0.00125	-56.57	0.00	0.00109
-63.64	-7.07	0.00095	-70.71	-14.14	0.00082
-77.78	-21.21	0.00072	-84.85	-28.28	0.00063
-91.92	-35.36	0.00054	-98.99	-42.43	0.00047
49.50	91.92	0.00049	42.43	84.85	0.00058
35.36	77.78	0.00068	28.28	70.71	0.00078
21.21	63.64	0.00090	14.14	56.57	0.00103
7.07	49.50	0.00117	0.00	42.43	0.00131
-3.54	38.89	0.00137	-7.07	35.36	0.00142
-9.19	33.23	0.00144	-10.61	31.82	0.00145
-12.02	30.41	0.00146	-13.44	28.99	0.00146
-14.85	27.58	0.00146	-27.58	14.85	0.00136
-28.99	13.44	0.00135	-30.41	12.02	0.00133
-31.82	10.61	0.00131	-33.23	9.19	0.00128
-35.36	7.07	0.00125	-38.89	3.54	0.00119
-42.43	0.00	0.00113	-49.50	-7.07	0.00100
-56.57	-14.14	0.00088	-63.64	-21.21	0.00077
-70.71	-28.28	0.00068	-77.78	-35.36	0.00060
-84.85	-42.43	0.00053	-91.92	-49.50	0.00046



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

56.57	84.85	0.00049	49.50	77.78	0.00056
42.43	70.71	0.00065	35.36	63.64	0.00074
28.28	56.57	0.00084	21.21	49.50	0.00095
14.14	42.43	0.00107	7.07	35.36	0.00118
3.54	31.82	0.00123	0.00	28.28	0.00127
-2.12	26.16	0.00128	-3.54	24.75	0.00129
-4.95	23.33	0.00129	-6.36	21.92	0.00130
-7.78	20.51	0.00130	-20.51	7.78	0.00121
-21.92	6.36	0.00120	-23.33	4.95	0.00118
-24.75	3.54	0.00117	-26.16	2.12	0.00115
-28.28	0.00	0.00112	-31.82	-3.54	0.00108
-35.36	-7.07	0.00103	-42.43	-14.14	0.00092
-49.50	-21.21	0.00081	-56.57	-28.28	0.00072
-63.64	-35.36	0.00064	-70.71	-42.43	0.00057
-77.78	-49.50	0.00051	-84.85	-56.57	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00048	56.57	70.71	0.00054
49.50	63.64	0.00062	42.43	56.57	0.00070
35.36	49.50	0.00078	28.28	42.43	0.00088
21.21	35.36	0.00098	14.14	28.28	0.00107
10.61	24.75	0.00111	7.07	21.21	0.00113
4.95	19.09	0.00115	3.54	17.68	0.00115
2.12	16.26	0.00115	0.71	14.85	0.00115
-0.71	13.44	0.00115	-13.44	0.71	0.00109
-14.85	-0.71	0.00107	-16.26	-2.12	0.00106
-17.68	-3.54	0.00105	-19.09	-4.95	0.00103
-21.21	-7.07	0.00101	-24.75	-10.61	0.00097
-28.28	-14.14	0.00093	-35.36	-21.21	0.00085
-42.43	-28.28	0.00076	-49.50	-35.36	0.00067
-56.57	-42.43	0.00060	-63.64	-49.50	0.00054
-70.71	-56.57	0.00048	-77.78	-63.64	0.00043
70.71	70.71	0.00046	63.64	63.64	0.00052
56.57	56.57	0.00059	49.50	49.50	0.00066
42.43	42.43	0.00073	35.36	35.36	0.00082
28.28	28.28	0.00090	21.21	21.21	0.00097

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

17.68	17.68	0.00100	14.14	14.14	0.00102
12.02	12.02	0.00103	10.61	10.61	0.00103
9.19	9.19	0.00104	7.78	7.78	0.00104
6.36	6.36	0.00104	-6.36	-6.36	0.00098
-7.78	-7.78	0.00097	-9.19	-9.19	0.00096
-10.61	-10.61	0.00095	-12.02	-12.02	0.00093
-14.14	-14.14	0.00092	-17.68	-17.68	0.00089
-21.21	-21.21	0.00085	-28.28	-28.28	0.00078
-35.36	-35.36	0.00070	-42.43	-42.43	0.00063
-49.50	-49.50	0.00057	-56.57	-56.57	0.00051
-63.64	-63.64	0.00046	-70.71	-70.71	0.00042
77.78	63.64	0.00045	70.71	56.57	0.00050
63.64	49.50	0.00056	56.57	42.43	0.00062
49.50	35.36	0.00069	42.43	28.28	0.00076
35.36	21.21	0.00083	28.28	14.14	0.00089
24.75	10.61	0.00091	21.21	7.07	0.00093
19.09	4.95	0.00093	17.68	3.54	0.00093
16.26	2.12	0.00094	14.85	0.71	0.00094
13.44	-0.71	0.00093	0.71	-13.44	0.00089
-0.71	-14.85	0.00088	-2.12	-16.26	0.00087
-3.54	-17.68	0.00086	-4.95	-19.09	0.00085

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00083	-10.61	-24.75	0.00081
-14.14	-28.28	0.00078	-21.21	-35.36	0.00072
-28.28	-42.43	0.00066	-35.36	-49.50	0.00059
-42.43	-56.57	0.00053	-49.50	-63.64	0.00048
-56.57	-70.71	0.00044	-63.64	-77.78	0.00040
84.85	56.57	0.00043	77.78	49.50	0.00048
70.71	42.43	0.00053	63.64	35.36	0.00058
56.57	28.28	0.00064	49.50	21.21	0.00071
42.43	14.14	0.00076	35.36	7.07	0.00081
31.82	3.54	0.00083	28.28	0.00	0.00084
26.16	-2.12	0.00085	24.75	-3.54	0.00085
23.33	-4.95	0.00085	21.92	-6.36	0.00085
20.51	-7.78	0.00085	7.78	-20.51	0.00081

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	-21.92	0.00080	4.95	-23.33	0.00079
3.54	-24.75	0.00078	2.12	-26.16	0.00077
0.00	-28.28	0.00076	-3.54	-31.82	0.00074
-7.07	-35.36	0.00072	-14.14	-42.43	0.00067
-21.21	-49.50	0.00061	-28.28	-56.57	0.00056
-35.36	-63.64	0.00050	-42.43	-70.71	0.00046
-49.50	-77.78	0.00042	-56.57	-84.85	0.00038
91.92	49.50	0.00041	84.85	42.43	0.00045
77.78	35.36	0.00050	70.71	28.28	0.00055
63.64	21.21	0.00060	56.57	14.14	0.00066
49.50	7.07	0.00071	42.43	0.00	0.00075
38.89	-3.54	0.00076	35.36	-7.07	0.00077
33.23	-9.19	0.00077	31.82	-10.61	0.00077
30.41	-12.02	0.00077	28.99	-13.44	0.00077
27.58	-14.85	0.00077	14.85	-27.58	0.00074
13.44	-28.99	0.00073	12.02	-30.41	0.00072
10.61	-31.82	0.00072	9.19	-33.23	0.00071
7.07	-35.36	0.00070	3.54	-38.89	0.00068
0.00	-42.43	0.00066	-7.07	-49.50	0.00062
-14.14	-56.57	0.00057	-21.21	-63.64	0.00052
-28.28	-70.71	0.00048	-35.36	-77.78	0.00043
-42.43	-84.85	0.00040	-49.50	-91.92	0.00036
98.99	42.43	0.00039	91.92	35.36	0.00043
84.85	28.28	0.00047	77.78	21.21	0.00052
70.71	14.14	0.00057	63.64	7.07	0.00061
56.57	0.00	0.00066	49.50	-7.07	0.00069
45.96	-10.61	0.00070	42.43	-14.14	0.00071

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00071	38.89	-17.68	0.00071
37.48	-19.09	0.00071	36.06	-20.51	0.00071
34.65	-21.92	0.00071	21.92	-34.65	0.00068
20.51	-36.06	0.00067	19.09	-37.48	0.00066
17.68	-38.89	0.00066	16.26	-40.31	0.00065
14.14	-42.43	0.00064	10.61	-45.96	0.00063
7.07	-49.50	0.00061	0.00	-56.57	0.00057

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-63.64	0.00053	-14.14	-70.71	0.00049
-21.21	-77.78	0.00045	-28.28	-84.85	0.00041
-35.36	-91.92	0.00038	-42.43	-98.99	0.00035
106.07	35.36	0.00038	98.99	28.28	0.00041
91.92	21.21	0.00045	84.85	14.14	0.00049
77.78	7.07	0.00053	70.71	0.00	0.00057
63.64	-7.07	0.00061	56.57	-14.14	0.00064
53.03	-17.68	0.00064	49.50	-21.21	0.00065
47.38	-23.33	0.00065	45.96	-24.75	0.00065
44.55	-26.16	0.00065	43.13	-27.58	0.00065
41.72	-28.99	0.00065	28.99	-41.72	0.00062
27.58	-43.13	0.00062	26.16	-44.55	0.00061
24.75	-45.96	0.00061	23.33	-47.38	0.00060
21.21	-49.50	0.00059	17.68	-53.03	0.00058
14.14	-56.57	0.00057	7.07	-63.64	0.00053
0.00	-70.71	0.00050	-7.07	-77.78	0.00046
-14.14	-84.85	0.00043	-21.21	-91.92	0.00039
-28.28	-98.99	0.00036	-35.36	-106.07	0.00033
113.14	28.28	0.00036	106.07	21.21	0.00039
98.99	14.14	0.00043	91.92	7.07	0.00046
84.85	0.00	0.00050	77.78	-7.07	0.00054
70.71	-14.14	0.00057	63.64	-21.21	0.00059
60.10	-24.75	0.00060	56.57	-28.28	0.00060
54.45	-30.41	0.00060	53.03	-31.82	0.00060
51.62	-33.23	0.00060	50.20	-34.65	0.00060
48.79	-36.06	0.00060	36.06	-48.79	0.00057
34.65	-50.20	0.00057	33.23	-51.62	0.00057
31.82	-53.03	0.00056	30.41	-54.45	0.00056
28.28	-56.57	0.00055	24.75	-60.10	0.00054
21.21	-63.64	0.00053	14.14	-70.71	0.00050
7.07	-77.78	0.00047	0.00	-84.85	0.00044
-7.07	-91.92	0.00040	-14.14	-98.99	0.00037
-21.21	-106.07	0.00034	-28.28	-113.14	0.00032

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00035	113.14	14.14	0.00037

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	7.07	0.00041	98.99	0.00	0.00044
91.92	-7.07	0.00047	84.85	-14.14	0.00050
77.78	-21.21	0.00053	70.71	-28.28	0.00055
67.18	-31.82	0.00055	63.64	-35.36	0.00056
61.52	-37.48	0.00056	60.10	-38.89	0.00056
58.69	-40.31	0.00056	57.28	-41.72	0.00056
55.86	-43.13	0.00055	43.13	-55.86	0.00053
41.72	-57.28	0.00053	40.31	-58.69	0.00053
38.89	-60.10	0.00052	37.48	-61.52	0.00052
35.36	-63.64	0.00051	31.82	-67.18	0.00050
28.28	-70.71	0.00049	21.21	-77.78	0.00047
14.14	-84.85	0.00044	7.07	-91.92	0.00041
0.00	-98.99	0.00038	-7.07	-106.07	0.00036
-14.14	-113.14	0.00033	-21.21	-120.21	0.00030
127.28	14.14	0.00033	120.21	7.07	0.00036
113.14	0.00	0.00039	106.07	-7.07	0.00042
98.99	-14.14	0.00045	91.92	-21.21	0.00047
84.85	-28.28	0.00049	77.78	-35.36	0.00051
74.25	-38.89	0.00051	70.71	-42.43	0.00052
68.59	-44.55	0.00052	67.18	-45.96	0.00052
65.76	-47.38	0.00052	64.35	-48.79	0.00052
62.93	-50.20	0.00052	50.20	-62.93	0.00050
48.79	-64.35	0.00049	47.38	-65.76	0.00049
45.96	-67.18	0.00049	44.55	-68.59	0.00048
42.43	-70.71	0.00048	38.89	-74.25	0.00047
35.36	-77.78	0.00046	28.28	-84.85	0.00044
21.21	-91.92	0.00041	14.14	-98.99	0.00039
7.07	-106.07	0.00036	0.00	-113.14	0.00034
-7.07	-120.21	0.00031	-14.14	-127.28	0.00029
134.35	7.07	0.00032	127.28	0.00	0.00034
120.21	-7.07	0.00037	113.14	-14.14	0.00039
106.07	-21.21	0.00042	98.99	-28.28	0.00044
91.92	-35.36	0.00046	84.85	-42.43	0.00048
81.32	-45.96	0.00048	77.78	-49.50	0.00048
75.66	-51.62	0.00048	74.25	-53.03	0.00048
72.83	-54.45	0.00048	71.42	-55.86	0.00048
70.00	-57.28	0.00048	57.28	-70.00	0.00046
55.86	-71.42	0.00046	54.45	-72.83	0.00046
53.03	-74.25	0.00045	51.62	-75.66	0.00045

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00045	45.96	-81.32	0.00044
42.43	-84.85	0.00043	35.36	-91.92	0.00041
28.28	-98.99	0.00039	21.21	-106.07	0.00037
14.14	-113.14	0.00035	7.07	-120.21	0.00032
0.00	-127.28	0.00030	-7.07	-134.35	0.00028
141.42	0.00	0.00030	134.35	-7.07	0.00033
127.28	-14.14	0.00035	120.21	-21.21	0.00037
113.14	-28.28	0.00040	106.07	-35.36	0.00042
98.99	-42.43	0.00043	91.92	-49.50	0.00045
88.39	-53.03	0.00045	84.85	-56.57	0.00045
82.73	-58.69	0.00045	81.32	-60.10	0.00045
79.90	-61.52	0.00045	78.49	-62.93	0.00045
77.07	-64.35	0.00045	64.35	-77.07	0.00043
62.93	-78.49	0.00043	61.52	-79.90	0.00043
60.10	-81.32	0.00042	58.69	-82.73	0.00042
56.57	-84.85	0.00042	53.03	-88.39	0.00041
49.50	-91.92	0.00040	42.43	-98.99	0.00039
35.36	-106.07	0.00037	28.28	-113.14	0.00035
21.21	-120.21	0.00033	14.14	-127.28	0.00031
7.07	-134.35	0.00029	0.00	-141.42	0.00027
148.49	-7.07	0.00029	141.42	-14.14	0.00031
134.35	-21.21	0.00033	127.28	-28.28	0.00036
120.21	-35.36	0.00038	113.14	-42.43	0.00039
106.07	-49.50	0.00041	98.99	-56.57	0.00042
95.46	-60.10	0.00042	91.92	-63.64	0.00042
89.80	-65.76	0.00042	88.39	-67.18	0.00042
86.97	-68.59	0.00042	85.56	-70.00	0.00042
84.15	-71.42	0.00042	71.42	-84.15	0.00041
70.00	-85.56	0.00040	68.59	-86.97	0.00040
67.18	-88.39	0.00040	65.76	-89.80	0.00040
63.64	-91.92	0.00039	60.10	-95.46	0.00039
56.57	-98.99	0.00038	49.50	-106.07	0.00036
42.43	-113.14	0.00035	35.36	-120.21	0.00033
28.28	-127.28	0.00031	21.21	-134.35	0.00029
14.14	-141.42	0.00028	7.07	-148.49	0.00026
155.56	-14.14	0.00028	148.49	-21.21	0.00030
141.42	-28.28	0.00032	134.35	-35.36	0.00034
127.28	-42.43	0.00036	120.21	-49.50	0.00037
113.14	-56.57	0.00038	106.07	-63.64	0.00039

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

102.53            -67.18            0.00039            98.99            -70.71            0.00040

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*            \*\*\* NCRA Cumulative DPM Impacts            \*\*\*  
 04/20/08            \*\*\* Maximum train overlap at SE/NW Bound Direction            \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 117

CONC            URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3            \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00040	95.46	-74.25	0.00040
94.05	-75.66	0.00039	92.63	-77.07	0.00039
91.22	-78.49	0.00039	78.49	-91.22	0.00038
77.07	-92.63	0.00038	75.66	-94.05	0.00038
74.25	-95.46	0.00037	72.83	-96.87	0.00037
70.71	-98.99	0.00037	67.18	-102.53	0.00036
63.64	-106.07	0.00036	56.57	-113.14	0.00034
49.50	-120.21	0.00033	42.43	-127.28	0.00031
35.36	-134.35	0.00030	28.28	-141.42	0.00028
21.21	-148.49	0.00026	14.14	-155.56	0.00025
162.63	-21.21	0.00027	155.56	-28.28	0.00029
148.49	-35.36	0.00031	141.42	-42.43	0.00032
134.35	-49.50	0.00034	127.28	-56.57	0.00035
120.21	-63.64	0.00036	113.14	-70.71	0.00037
109.60	-74.25	0.00037	106.07	-77.78	0.00037
103.94	-79.90	0.00037	102.53	-81.32	0.00037
101.12	-82.73	0.00037	99.70	-84.15	0.00037
98.29	-85.56	0.00037	85.56	-98.29	0.00036
84.15	-99.70	0.00036	82.73	-101.12	0.00035
81.32	-102.53	0.00035	79.90	-103.94	0.00035
77.78	-106.07	0.00035	74.25	-109.60	0.00034
70.71	-113.14	0.00034	63.64	-120.21	0.00033
56.57	-127.28	0.00031	49.50	-134.35	0.00030
42.43	-141.42	0.00028	35.36	-148.49	0.00027
28.28	-155.56	0.00025	21.21	-162.63	0.00024
169.71	-28.28	0.00026	162.63	-35.36	0.00028
155.56	-42.43	0.00029	148.49	-49.50	0.00031
141.42	-56.57	0.00032	134.35	-63.64	0.00033
127.28	-70.71	0.00034	120.21	-77.78	0.00035
116.67	-81.32	0.00035	113.14	-84.85	0.00035
111.02	-86.97	0.00035	109.60	-88.39	0.00035
108.19	-89.80	0.00035	106.77	-91.22	0.00035
105.36	-92.63	0.00035	92.63	-105.36	0.00034

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

91.22	-106.77	0.00034	89.80	-108.19	0.00033
88.39	-109.60	0.00033	86.97	-111.02	0.00033
84.85	-113.14	0.00033	81.32	-116.67	0.00032
77.78	-120.21	0.00032	70.71	-127.28	0.00031
63.64	-134.35	0.00030	56.57	-141.42	0.00028
49.50	-148.49	0.00027	42.43	-155.56	0.00026
35.36	-162.63	0.00024	28.28	-169.71	0.00023

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:49:41

\*\*MODELOPTs:

PAGE 118

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00025	169.71	-42.43	0.00026
162.63	-49.50	0.00028	155.56	-56.57	0.00029
148.49	-63.64	0.00031	141.42	-70.71	0.00032
134.35	-77.78	0.00032	127.28	-84.85	0.00033
123.74	-88.39	0.00033	120.21	-91.92	0.00033
118.09	-94.05	0.00033	116.67	-95.46	0.00033
115.26	-96.87	0.00033	113.84	-98.29	0.00033
112.43	-99.70	0.00033	99.70	-112.43	0.00032
98.29	-113.84	0.00032	96.87	-115.26	0.00032
95.46	-116.67	0.00031	94.05	-118.09	0.00031
91.92	-120.21	0.00031	88.39	-123.74	0.00031
84.85	-127.28	0.00030	77.78	-134.35	0.00029
70.71	-141.42	0.00028	63.64	-148.49	0.00027
56.57	-155.56	0.00026	49.50	-162.63	0.00025
42.43	-169.71	0.00023	35.36	-176.78	0.00022
183.85	-42.43	0.00024	176.78	-49.50	0.00025
169.71	-56.57	0.00027	162.63	-63.64	0.00028
155.56	-70.71	0.00029	148.49	-77.78	0.00030
141.42	-84.85	0.00031	134.35	-91.92	0.00031
130.81	-95.46	0.00031	127.28	-98.99	0.00031
125.16	-101.12	0.00031	123.74	-102.53	0.00031
122.33	-103.94	0.00031	120.92	-105.36	0.00031
119.50	-106.77	0.00031	106.77	-119.50	0.00030
105.36	-120.92	0.00030	103.94	-122.33	0.00030
102.53	-123.74	0.00030	101.12	-125.16	0.00030
98.99	-127.28	0.00029	95.46	-130.81	0.00029
91.92	-134.35	0.00029	84.85	-141.42	0.00028



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-148.49	0.00027	70.71	-155.56	0.00026
63.64	-162.63	0.00025	56.57	-169.71	0.00024
49.50	-176.78	0.00022	42.43	-183.85	0.00021
190.92	-49.50	0.00023	183.85	-56.57	0.00024
176.78	-63.64	0.00026	169.71	-70.71	0.00027
162.63	-77.78	0.00028	155.56	-84.85	0.00029
148.49	-91.92	0.00029	141.42	-98.99	0.00030
137.89	-102.53	0.00030	134.35	-106.07	0.00030
132.23	-108.19	0.00030	130.81	-109.60	0.00030
129.40	-111.02	0.00030	127.99	-112.43	0.00030
126.57	-113.84	0.00029	113.84	-126.57	0.00029
112.43	-127.99	0.00029	111.02	-129.40	0.00028
109.60	-130.81	0.00028	108.19	-132.23	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00028	102.53	-137.89	0.00028
98.99	-141.42	0.00027	91.92	-148.49	0.00026
84.85	-155.56	0.00026	77.78	-162.63	0.00025
70.71	-169.71	0.00024	63.64	-176.78	0.00023
56.57	-183.85	0.00022	49.50	-190.92	0.00020
197.99	-56.57	0.00022	190.92	-63.64	0.00023
183.85	-70.71	0.00025	176.78	-77.78	0.00026
169.71	-84.85	0.00027	162.63	-91.92	0.00027
155.56	-98.99	0.00028	148.49	-106.07	0.00028
144.96	-109.60	0.00028	141.42	-113.14	0.00028
139.30	-115.26	0.00028	137.89	-116.67	0.00028
136.47	-118.09	0.00028	135.06	-119.50	0.00028
133.64	-120.92	0.00028	120.92	-133.64	0.00027
119.50	-135.06	0.00027	118.09	-136.47	0.00027
116.67	-137.89	0.00027	115.26	-139.30	0.00027
113.14	-141.42	0.00027	109.60	-144.96	0.00026
106.07	-148.49	0.00026	98.99	-155.56	0.00025
91.92	-162.63	0.00024	84.85	-169.71	0.00024
77.78	-176.78	0.00023	70.71	-183.85	0.00022
63.64	-190.92	0.00021	56.57	-197.99	0.00020
205.06	-63.64	0.00021	197.99	-70.71	0.00023

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-77.78	0.00024	183.85	-84.85	0.00025
176.78	-91.92	0.00025	169.71	-98.99	0.00026
162.63	-106.07	0.00026	155.56	-113.14	0.00027
152.03	-116.67	0.00027	148.49	-120.21	0.00027
146.37	-122.33	0.00027	144.96	-123.74	0.00027
143.54	-125.16	0.00027	142.13	-126.57	0.00027
140.71	-127.99	0.00027	127.99	-140.71	0.00026
126.57	-142.13	0.00026	125.16	-143.54	0.00026
123.74	-144.96	0.00026	122.33	-146.37	0.00025
120.21	-148.49	0.00025	116.67	-152.03	0.00025
113.14	-155.56	0.00025	106.07	-162.63	0.00024
98.99	-169.71	0.00023	91.92	-176.78	0.00023
84.85	-183.85	0.00022	77.78	-190.92	0.00021
70.71	-197.99	0.00020	63.64	-205.06	0.00019
212.13	-70.71	0.00021	205.06	-77.78	0.00022
197.99	-84.85	0.00023	190.92	-91.92	0.00024
183.85	-98.99	0.00024	176.78	-106.07	0.00025
169.71	-113.14	0.00025	162.63	-120.21	0.00025
159.10	-123.74	0.00025	155.56	-127.28	0.00025

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 120  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00025	152.03	-130.81	0.00025
150.61	-132.23	0.00025	149.20	-133.64	0.00025
147.79	-135.06	0.00025	135.06	-147.79	0.00025
133.64	-149.20	0.00025	132.23	-150.61	0.00024
130.81	-152.03	0.00024	129.40	-153.44	0.00024
127.28	-155.56	0.00024	123.74	-159.10	0.00024
120.21	-162.63	0.00024	113.14	-169.71	0.00023
106.07	-176.78	0.00022	98.99	-183.85	0.00022
91.92	-190.92	0.00021	84.85	-197.99	0.00020
77.78	-205.06	0.00019	70.71	-212.13	0.00018
219.20	-77.78	0.00020	212.13	-84.85	0.00021
205.06	-91.92	0.00022	197.99	-98.99	0.00023
190.92	-106.07	0.00023	183.85	-113.14	0.00024
176.78	-120.21	0.00024	169.71	-127.28	0.00024
166.17	-130.81	0.00024	162.63	-134.35	0.00024

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

160.51	-136.47	0.00024	159.10	-137.89	0.00024
157.68	-139.30	0.00024	156.27	-140.71	0.00024
154.86	-142.13	0.00024	142.13	-154.86	0.00023
140.71	-156.27	0.00023	139.30	-157.68	0.00023
137.89	-159.10	0.00023	136.47	-160.51	0.00023
134.35	-162.63	0.00023	130.81	-166.17	0.00023
127.28	-169.71	0.00022	120.21	-176.78	0.00022
113.14	-183.85	0.00021	106.07	-190.92	0.00021
98.99	-197.99	0.00020	91.92	-205.06	0.00019
84.85	-212.13	0.00019	77.78	-219.20	0.00018
226.27	-84.85	0.00019	219.20	-91.92	0.00020
212.13	-98.99	0.00021	205.06	-106.07	0.00022
197.99	-113.14	0.00022	190.92	-120.21	0.00023
183.85	-127.28	0.00023	176.78	-134.35	0.00023
173.24	-137.89	0.00023	169.71	-141.42	0.00023
167.58	-143.54	0.00023	166.17	-144.96	0.00023
164.76	-146.37	0.00023	163.34	-147.79	0.00023
161.93	-149.20	0.00023	149.20	-161.93	0.00022
147.79	-163.34	0.00022	146.37	-164.76	0.00022
144.96	-166.17	0.00022	143.54	-167.58	0.00022
141.42	-169.71	0.00022	137.89	-173.24	0.00022
134.35	-176.78	0.00021	127.28	-183.85	0.00021
120.21	-190.92	0.00020	113.14	-197.99	0.00020
106.07	-205.06	0.00019	98.99	-212.13	0.00019
91.92	-219.20	0.00018	84.85	-226.27	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00019	226.27	-98.99	0.00019
219.20	-106.07	0.00020	212.13	-113.14	0.00021
205.06	-120.21	0.00021	197.99	-127.28	0.00022
190.92	-134.35	0.00022	183.85	-141.42	0.00022
180.31	-144.96	0.00022	176.78	-148.49	0.00022
174.66	-150.61	0.00022	173.24	-152.03	0.00022
171.83	-153.44	0.00022	170.41	-154.86	0.00022
169.00	-156.27	0.00022	156.27	-169.00	0.00021
154.86	-170.41	0.00021	153.44	-171.83	0.00021

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-173.24	0.00021	150.61	-174.66	0.00021
148.49	-176.78	0.00021	144.96	-180.31	0.00021
141.42	-183.85	0.00021	134.35	-190.92	0.00020
127.28	-197.99	0.00020	120.21	-205.06	0.00019
113.14	-212.13	0.00018	106.07	-219.20	0.00018
98.99	-226.27	0.00017	91.92	-233.35	0.00017
240.42	-98.99	0.00018	233.35	-106.07	0.00019
226.27	-113.14	0.00019	219.20	-120.21	0.00020
212.13	-127.28	0.00020	205.06	-134.35	0.00021
197.99	-141.42	0.00021	190.92	-148.49	0.00021
187.38	-152.03	0.00021	183.85	-155.56	0.00021
181.73	-157.68	0.00021	180.31	-159.10	0.00021
178.90	-160.51	0.00021	177.48	-161.93	0.00021
176.07	-163.34	0.00021	163.34	-176.07	0.00021
161.93	-177.48	0.00020	160.51	-178.90	0.00020
159.10	-180.31	0.00020	157.68	-181.73	0.00020
155.56	-183.85	0.00020	152.03	-187.38	0.00020
148.49	-190.92	0.00020	141.42	-197.99	0.00019
134.35	-205.06	0.00019	127.28	-212.13	0.00018
120.21	-219.20	0.00018	113.14	-226.27	0.00017
106.07	-233.35	0.00017	98.99	-240.42	0.00016
247.49	-106.07	0.00017	240.42	-113.14	0.00018
233.35	-120.21	0.00019	226.27	-127.28	0.00019
219.20	-134.35	0.00020	212.13	-141.42	0.00020
205.06	-148.49	0.00020	197.99	-155.56	0.00020
194.45	-159.10	0.00020	190.92	-162.63	0.00020
188.80	-164.76	0.00020	187.38	-166.17	0.00020
185.97	-167.58	0.00020	184.55	-169.00	0.00020
183.14	-170.41	0.00020	170.41	-183.14	0.00020
169.00	-184.55	0.00020	167.58	-185.97	0.00020
166.17	-187.38	0.00019	164.76	-188.80	0.00019

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00019	159.10	-194.45	0.00019
155.56	-197.99	0.00019	148.49	-205.06	0.00018
141.42	-212.13	0.00018	134.35	-219.20	0.00018

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-226.27	0.00017	120.21	-233.35	0.00017
113.14	-240.42	0.00016	106.07	-247.49	0.00015

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00031	-113.14	240.42	0.00035
-120.21	233.35	0.00039	-127.28	226.27	0.00045
-134.35	219.20	0.00053	-141.42	212.13	0.00062
-148.49	205.06	0.00075	-155.56	197.99	0.00093
-159.10	194.45	0.00105	-162.63	190.92	0.00119
-164.76	188.80	0.00128	-166.17	187.38	0.00135
-167.58	185.97	0.00142	-169.00	184.55	0.00148
-170.41	183.14	0.00155	-183.14	170.41	0.00164
-184.55	169.00	0.00161	-185.97	167.58	0.00157
-187.38	166.17	0.00154	-188.80	164.76	0.00150
-190.92	162.63	0.00145	-194.45	159.10	0.00135
-197.99	155.56	0.00126	-205.06	148.49	0.00110
-212.13	141.42	0.00097	-219.20	134.35	0.00086
-226.27	127.28	0.00077	-233.35	120.21	0.00070
-240.42	113.14	0.00063	-247.49	106.07	0.00058
-98.99	240.42	0.00032	-106.07	233.35	0.00036
-113.14	226.27	0.00041	-120.21	219.20	0.00047
-127.28	212.13	0.00055	-134.35	205.06	0.00066
-141.42	197.99	0.00080	-148.49	190.92	0.00099
-152.03	187.38	0.00113	-155.56	183.85	0.00130
-157.68	181.73	0.00142	-159.10	180.31	0.00151
-160.51	178.90	0.00161	-161.93	177.48	0.00171
-163.34	176.07	0.00182	-176.07	163.34	0.00195
-177.48	161.93	0.00189	-178.90	160.51	0.00183
-180.31	159.10	0.00176	-181.73	157.68	0.00170
-183.85	155.56	0.00162	-187.38	152.03	0.00149
-190.92	148.49	0.00138	-197.99	141.42	0.00119
-205.06	134.35	0.00104	-212.13	127.28	0.00092
-219.20	120.21	0.00082	-226.27	113.14	0.00073
-233.35	106.07	0.00066	-240.42	98.99	0.00060
-91.92	233.35	0.00033	-98.99	226.27	0.00038
-106.07	219.20	0.00043	-113.14	212.13	0.00050

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-120.21	205.06	0.00059	-127.28	197.99	0.00070
-134.35	190.92	0.00085	-141.42	183.85	0.00107
-144.96	180.31	0.00121	-148.49	176.78	0.00140
-150.61	174.66	0.00154	-152.03	173.24	0.00165
-153.44	171.83	0.00177	-154.86	170.41	0.00191
-156.27	169.00	0.00206	-169.00	156.27	0.00226
-170.41	154.86	0.00215	-171.83	153.44	0.00204
-173.24	152.03	0.00195	-174.66	150.61	0.00187

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00177	-180.31	144.96	0.00161
-183.85	141.42	0.00148	-190.92	134.35	0.00127
-197.99	127.28	0.00111	-205.06	120.21	0.00098
-212.13	113.14	0.00086	-219.20	106.07	0.00077
-226.27	99.00	0.00070	-233.35	91.92	0.00063
-84.85	226.27	0.00035	-91.92	219.20	0.00040
-98.99	212.13	0.00045	-106.07	205.06	0.00053
-113.14	197.99	0.00062	-120.21	190.92	0.00075
-127.28	183.85	0.00092	-134.35	176.78	0.00117
-137.89	173.24	0.00134	-141.42	169.71	0.00156
-143.54	167.58	0.00172	-144.96	166.17	0.00184
-146.37	164.76	0.00199	-147.79	163.34	0.00217
-149.20	161.93	0.00241	-161.93	149.20	0.00259
-163.34	147.79	0.00240	-164.76	146.37	0.00226
-166.17	144.96	0.00215	-167.58	143.54	0.00205
-169.71	141.42	0.00192	-173.24	137.89	0.00174
-176.78	134.35	0.00160	-183.85	127.28	0.00136
-190.92	120.21	0.00118	-197.99	113.14	0.00103
-205.06	106.07	0.00091	-212.13	99.00	0.00081
-219.20	91.92	0.00073	-226.27	84.85	0.00066
-77.78	219.20	0.00036	-84.85	212.13	0.00042
-91.92	205.06	0.00048	-98.99	197.99	0.00056
-106.07	190.92	0.00067	-113.14	183.85	0.00081
-120.21	176.78	0.00101	-127.28	169.71	0.00132
-130.81	166.17	0.00155	-134.35	162.63	0.00188
-136.47	160.51	0.00217	-137.89	159.10	0.00241

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-139.30	157.68	0.00272	-140.71	156.27	0.00312
-142.13	154.86	0.00367	-154.86	142.13	0.00332
-156.27	140.71	0.00296	-157.68	139.30	0.00270
-159.10	137.89	0.00250	-160.51	136.47	0.00234
-162.63	134.35	0.00216	-166.17	130.81	0.00193
-169.71	127.28	0.00175	-176.78	120.21	0.00148
-183.85	113.14	0.00127	-190.92	106.07	0.00110
-197.99	99.00	0.00097	-205.06	91.92	0.00086
-212.13	84.85	0.00076	-219.20	77.78	0.00069
-70.71	212.13	0.00038	-77.78	205.06	0.00044
-84.85	197.99	0.00051	-91.92	190.92	0.00060
-98.99	183.85	0.00072	-106.07	176.78	0.00089
-113.14	169.71	0.00114	-120.21	162.63	0.00158
-123.74	159.10	0.00194	-127.28	155.56	0.00249

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41

\*\*MODELOPTs:  
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00296	-130.81	152.03	0.00335
-132.23	150.61	0.00382	-133.64	149.20	0.00440
-135.06	147.79	0.00513	-147.79	135.06	0.00424
-149.20	133.64	0.00373	-150.61	132.23	0.00335
-152.03	130.81	0.00306	-153.44	129.40	0.00282
-155.56	127.28	0.00254	-159.10	123.74	0.00220
-162.63	120.21	0.00196	-169.71	113.14	0.00162
-176.78	106.07	0.00138	-183.85	98.99	0.00118
-190.92	91.92	0.00103	-197.99	84.85	0.00091
-205.06	77.78	0.00081	-212.13	70.71	0.00072
-63.64	205.06	0.00040	-70.71	197.99	0.00046
-77.78	190.92	0.00054	-84.85	183.85	0.00064
-91.92	176.78	0.00079	-98.99	169.71	0.00100
-106.07	162.63	0.00134	-113.14	155.56	0.00195
-116.67	152.03	0.00246	-120.21	148.49	0.00321
-122.33	146.37	0.00381	-123.74	144.96	0.00429
-125.16	143.54	0.00487	-126.57	142.13	0.00554
-127.99	140.71	0.00637	-140.71	127.99	0.00512
-142.13	126.57	0.00451	-143.54	125.16	0.00405
-144.96	123.74	0.00368	-146.37	122.33	0.00338

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-148.49	120.21	0.00302	-152.03	116.67	0.00257
-155.56	113.14	0.00224	-162.63	106.07	0.00179
-169.71	98.99	0.00149	-176.78	91.92	0.00127
-183.85	84.85	0.00110	-190.92	77.78	0.00096
-197.99	70.71	0.00085	-205.06	63.64	0.00076
-56.57	197.99	0.00042	-63.64	190.92	0.00049
-70.71	183.85	0.00058	-77.78	176.78	0.00070
-84.85	169.71	0.00088	-91.92	162.63	0.00114
-98.99	155.56	0.00158	-106.07	148.49	0.00237
-109.60	144.96	0.00301	-113.14	141.42	0.00389
-115.26	139.30	0.00457	-116.67	137.89	0.00512
-118.09	136.47	0.00575	-119.50	135.06	0.00648
-120.92	133.64	0.00735	-133.64	120.92	0.00589
-135.06	119.50	0.00522	-136.47	118.09	0.00470
-137.89	116.67	0.00427	-139.30	115.26	0.00392
-141.42	113.14	0.00350	-144.96	109.60	0.00296
-148.49	106.07	0.00255	-155.56	98.99	0.00199
-162.63	91.92	0.00163	-169.71	84.85	0.00137
-176.78	77.78	0.00117	-183.85	70.71	0.00102
-190.92	63.64	0.00090	-197.99	56.57	0.00080

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00045	-56.57	183.85	0.00053
-63.64	176.78	0.00063	-70.71	169.71	0.00078
-77.78	162.63	0.00099	-84.85	155.56	0.00131
-91.92	148.49	0.00185	-98.99	141.42	0.00279
-102.53	137.89	0.00351	-106.07	134.35	0.00448
-108.19	132.23	0.00522	-109.60	130.81	0.00581
-111.02	129.40	0.00648	-112.43	127.99	0.00724
-113.84	126.57	0.00814	-126.57	113.84	0.00654
-127.99	112.43	0.00583	-129.40	111.02	0.00527
-130.81	109.60	0.00480	-132.23	108.19	0.00442
-134.35	106.07	0.00394	-137.89	102.53	0.00333
-141.42	98.99	0.00287	-148.49	91.92	0.00222
-155.56	84.85	0.00178	-162.63	77.78	0.00148
-169.71	70.71	0.00125	-176.78	63.64	0.00108



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-183.85	56.57	0.00095	-190.92	49.50	0.00084
-42.43	183.85	0.00048	-49.50	176.78	0.00057
-56.57	169.71	0.00069	-63.64	162.63	0.00086
-70.71	155.56	0.00111	-77.78	148.49	0.00150
-84.85	141.42	0.00213	-91.92	134.35	0.00318
-95.46	130.81	0.00395	-98.99	127.28	0.00499
-101.12	125.16	0.00578	-102.53	123.74	0.00639
-103.94	122.33	0.00708	-105.36	120.92	0.00786
-106.77	119.50	0.00877	-119.50	106.77	0.00708
-120.92	105.36	0.00634	-122.33	103.94	0.00575
-123.74	102.53	0.00527	-125.16	101.12	0.00485
-127.28	98.99	0.00433	-130.81	95.46	0.00367
-134.35	91.92	0.00316	-141.42	84.85	0.00244
-148.49	77.78	0.00194	-155.56	70.71	0.00159
-162.63	63.64	0.00134	-169.71	56.57	0.00115
-176.78	49.50	0.00100	-183.85	42.43	0.00088
-35.36	176.78	0.00052	-42.43	169.71	0.00062
-49.50	162.63	0.00076	-56.57	155.56	0.00096
-63.64	148.49	0.00125	-70.71	141.42	0.00169
-77.78	134.35	0.00239	-84.85	127.28	0.00352
-88.39	123.74	0.00434	-91.92	120.21	0.00543
-94.05	118.09	0.00624	-95.46	116.67	0.00687
-96.87	115.26	0.00757	-98.29	113.84	0.00837
-99.70	112.43	0.00929	-112.43	99.70	0.00754
-113.84	98.29	0.00678	-115.26	96.87	0.00617
-116.67	95.46	0.00566	-118.09	94.05	0.00523

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00469	-123.74	88.39	0.00398
-127.28	84.85	0.00343	-134.35	77.78	0.00265
-141.42	70.71	0.00211	-148.49	63.64	0.00172
-155.56	56.57	0.00143	-162.63	49.50	0.00122
-169.71	42.43	0.00105	-176.78	35.36	0.00092
-28.28	169.71	0.00056	-35.36	162.63	0.00068
-42.43	155.56	0.00083	-49.50	148.49	0.00106
-56.57	141.42	0.00139	-63.64	134.35	0.00188

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-70.71	127.28	0.00263	-77.78	120.21	0.00382
-81.32	116.67	0.00468	-84.85	113.14	0.00580
-86.97	111.02	0.00663	-88.39	109.60	0.00727
-89.80	108.19	0.00798	-91.22	106.77	0.00880
-92.63	105.36	0.00972	-105.36	92.63	0.00792
-106.77	91.22	0.00714	-108.19	89.80	0.00652
-109.60	88.39	0.00600	-111.02	86.97	0.00556
-113.14	84.85	0.00499	-116.67	81.32	0.00425
-120.21	77.78	0.00367	-127.28	70.71	0.00284
-134.35	63.64	0.00226	-141.42	56.57	0.00184
-148.49	49.50	0.00153	-155.56	42.43	0.00129
-162.63	35.36	0.00111	-169.71	28.28	0.00097
-21.21	162.63	0.00060	-28.28	155.56	0.00073
-35.36	148.49	0.00091	-42.43	141.42	0.00116
-49.50	134.35	0.00152	-56.57	127.28	0.00205
-63.64	120.21	0.00285	-70.71	113.14	0.00409
-74.25	109.60	0.00497	-77.78	106.07	0.00611
-79.90	103.94	0.00696	-81.32	102.53	0.00761
-82.73	101.12	0.00832	-84.15	99.70	0.00915
-85.56	98.29	0.01008	-98.29	85.56	0.00824
-99.70	84.15	0.00746	-101.12	82.73	0.00682
-102.53	81.32	0.00629	-103.94	79.90	0.00584
-106.07	77.78	0.00526	-109.60	74.25	0.00449
-113.14	70.71	0.00389	-120.21	63.64	0.00302
-127.28	56.57	0.00241	-134.35	49.50	0.00196
-141.42	42.43	0.00162	-148.49	35.36	0.00137
-155.56	28.28	0.00117	-162.63	21.21	0.00101
-14.14	155.56	0.00065	-21.21	148.49	0.00079
-28.28	141.42	0.00099	-35.36	134.35	0.00127
-42.43	127.28	0.00166	-49.50	120.21	0.00222
-56.57	113.14	0.00305	-63.64	106.07	0.00432
-67.18	102.53	0.00523	-70.71	98.99	0.00639

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTS:  
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URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00725	-74.25	95.46	0.00790
-75.66	94.05	0.00862	-77.07	92.63	0.00944

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-78.49	91.22	0.01037	-91.22	78.49	0.00847
-92.63	77.07	0.00771	-94.05	75.66	0.00708
-95.46	74.25	0.00655	-96.87	72.83	0.00609
-98.99	70.71	0.00549	-102.53	67.18	0.00471
-106.07	63.64	0.00409	-113.14	56.57	0.00318
-120.21	49.50	0.00254	-127.28	42.43	0.00207
-134.35	35.36	0.00171	-141.42	28.28	0.00144
-148.49	21.21	0.00123	-155.56	14.14	0.00106
-7.07	148.49	0.00070	-14.14	141.42	0.00086
-21.21	134.35	0.00107	-28.28	127.28	0.00137
-35.36	120.21	0.00178	-42.43	113.14	0.00237
-49.50	106.07	0.00322	-56.57	98.99	0.00453
-60.10	95.46	0.00545	-63.64	91.92	0.00663
-65.76	89.80	0.00749	-67.18	88.39	0.00815
-68.59	86.97	0.00887	-70.00	85.56	0.00968
-71.42	84.15	0.01061	-84.15	71.42	0.00870
-85.56	70.00	0.00793	-86.97	68.59	0.00730
-88.39	67.18	0.00676	-89.80	65.76	0.00629
-91.92	63.64	0.00570	-95.46	60.10	0.00490
-98.99	56.57	0.00427	-106.07	49.50	0.00333
-113.14	42.43	0.00266	-120.21	35.36	0.00217
-127.28	28.28	0.00180	-134.35	21.21	0.00151
-141.42	14.14	0.00129	-148.49	7.07	0.00111
0.00	141.42	0.00075	-7.07	134.35	0.00092
-14.14	127.28	0.00115	-21.21	120.21	0.00147
-28.28	113.14	0.00190	-35.36	106.07	0.00250
-42.43	98.99	0.00338	-49.50	91.92	0.00472
-53.03	88.39	0.00565	-56.57	84.85	0.00684
-58.69	82.73	0.00770	-60.10	81.32	0.00836
-61.52	79.90	0.00909	-62.93	78.49	0.00990
-64.35	77.07	0.01083	-77.07	64.35	0.00890
-78.49	62.93	0.00812	-79.90	61.52	0.00749
-81.32	60.10	0.00695	-82.73	58.69	0.00648
-84.85	56.57	0.00588	-88.39	53.03	0.00506
-91.92	49.50	0.00442	-98.99	42.43	0.00346
-106.07	35.36	0.00278	-113.14	28.28	0.00227
-120.21	21.21	0.00189	-127.28	14.14	0.00158
-134.35	7.07	0.00135	-141.42	0.00	0.00116

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
7.07	134.35	0.00080	0.00	127.28	0.00099	
-7.07	120.21	0.00123	-14.14	113.14	0.00156	
-21.21	106.07	0.00200	-28.28	98.99	0.00263	
-35.36	91.92	0.00353	-42.43	84.85	0.00488	
-45.96	81.32	0.00582	-49.50	77.78	0.00702	
-51.62	75.66	0.00788	-53.03	74.25	0.00854	
-54.45	72.83	0.00927	-55.86	71.42	0.01008	
-57.28	70.00	0.01101	-70.00	57.28	0.00907	
-71.42	55.86	0.00829	-72.83	54.45	0.00765	
-74.25	53.03	0.00711	-75.66	51.62	0.00664	
-77.78	49.50	0.00603	-81.32	45.96	0.00521	
-84.85	42.43	0.00456	-91.92	35.36	0.00358	
-98.99	28.28	0.00288	-106.07	21.21	0.00236	
-113.14	14.14	0.00196	-120.21	7.07	0.00165	
-127.28	0.00	0.00141	-134.35	-7.07	0.00121	
14.14	127.28	0.00085	7.07	120.21	0.00105	
0.00	113.14	0.00131	-7.07	106.07	0.00164	
-14.14	98.99	0.00210	-21.21	91.92	0.00274	
-28.28	84.85	0.00366	-35.36	77.78	0.00503	
-38.89	74.25	0.00598	-42.43	70.71	0.00717	
-44.55	68.59	0.00804	-45.96	67.18	0.00870	
-47.38	65.76	0.00943	-48.79	64.35	0.01025	
-50.20	62.93	0.01118	-62.93	50.20	0.00923	
-64.35	48.79	0.00844	-65.76	47.38	0.00780	
-67.18	45.96	0.00725	-68.59	44.55	0.00678	
-70.71	42.43	0.00617	-74.25	38.89	0.00534	
-77.78	35.36	0.00469	-84.85	28.28	0.00369	
-91.92	21.21	0.00298	-98.99	14.14	0.00244	
-106.07	7.07	0.00203	-113.14	0.00	0.00171	
-120.21	-7.07	0.00146	-127.28	-14.14	0.00126	
21.21	120.21	0.00091	14.14	113.14	0.00111	
7.07	106.07	0.00138	0.00	98.99	0.00173	
-7.07	91.92	0.00220	-14.14	84.85	0.00285	
-21.21	77.78	0.00378	-28.28	70.71	0.00516	
-31.82	67.18	0.00611	-35.36	63.64	0.00731	
-37.48	61.52	0.00819	-38.89	60.10	0.00885	
-40.31	58.69	0.00958	-41.72	57.28	0.01039	
-43.13	55.86	0.01132	-55.86	43.13	0.00937	
-57.28	41.72	0.00857	-58.69	40.31	0.00793	
-60.10	38.89	0.00738	-61.52	37.48	0.00691	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00629	-67.18	31.82	0.00546
-70.71	28.28	0.00480	-77.78	21.21	0.00379
-84.85	14.14	0.00306	-91.92	7.07	0.00252
-98.99	0.00	0.00210	-106.07	-7.07	0.00177
-113.14	-14.14	0.00151	-120.21	-21.21	0.00130
28.28	113.14	0.00096	21.21	106.07	0.00117
14.14	98.99	0.00144	7.07	91.92	0.00180
0.00	84.85	0.00228	-7.07	77.78	0.00294
-14.14	70.71	0.00388	-21.21	63.64	0.00528
-24.75	60.10	0.00623	-28.28	56.57	0.00744
-30.41	54.45	0.00831	-31.82	53.03	0.00897
-33.23	51.62	0.00970	-34.65	50.20	0.01052
-36.06	48.79	0.01145	-48.79	36.06	0.00950
-50.20	34.65	0.00869	-51.62	33.23	0.00804
-53.03	31.82	0.00749	-54.45	30.41	0.00702
-56.57	28.28	0.00640	-60.10	24.75	0.00556
-63.64	21.21	0.00490	-70.71	14.14	0.00388
-77.78	7.07	0.00314	-84.85	0.00	0.00259
-91.92	-7.07	0.00216	-98.99	-14.14	0.00183
-106.07	-21.21	0.00156	-113.14	-28.28	0.00134
35.36	106.07	0.00100	28.28	98.99	0.00122
21.21	91.92	0.00150	14.14	84.85	0.00187
7.07	77.78	0.00236	0.00	70.71	0.00303
-7.07	63.64	0.00398	-14.14	56.57	0.00538
-17.68	53.03	0.00634	-21.21	49.50	0.00755
-23.33	47.38	0.00842	-24.75	45.96	0.00908
-26.16	44.55	0.00981	-27.58	43.13	0.01064
-28.99	41.72	0.01157	-41.72	28.99	0.00961
-43.13	27.58	0.00880	-44.55	26.16	0.00814
-45.96	24.75	0.00759	-47.38	23.33	0.00712
-49.50	21.21	0.00650	-53.03	17.68	0.00566
-56.57	14.14	0.00498	-63.64	7.07	0.00396
-70.71	0.00	0.00322	-77.78	-7.07	0.00265
-84.85	-14.14	0.00222	-91.92	-21.21	0.00188

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-98.99	-28.28	0.00161	-106.07	-35.36	0.00138
42.43	98.99	0.00105	35.36	91.92	0.00127
28.28	84.85	0.00156	21.21	77.78	0.00193
14.14	70.71	0.00243	7.07	63.64	0.00311
0.00	56.57	0.00407	-7.07	49.50	0.00548
-10.61	45.96	0.00644	-14.14	42.43	0.00764

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00852	-17.68	38.89	0.00918
-19.09	37.48	0.00991	-20.51	36.06	0.01074
-21.92	34.65	0.01167	-34.65	21.92	0.00970
-36.06	20.51	0.00890	-37.48	19.09	0.00824
-38.89	17.68	0.00768	-40.31	16.26	0.00720
-42.43	14.14	0.00658	-45.96	10.61	0.00574
-49.50	7.07	0.00506	-56.57	0.00	0.00403
-63.64	-7.07	0.00328	-70.71	-14.14	0.00271
-77.78	-21.21	0.00227	-84.85	-28.28	0.00193
-91.92	-35.36	0.00165	-98.99	-42.43	0.00142
49.50	91.92	0.00109	42.43	84.85	0.00132
35.36	77.78	0.00161	28.28	70.71	0.00199
21.21	63.64	0.00250	14.14	56.57	0.00318
7.07	49.50	0.00415	0.00	42.43	0.00556
-3.54	38.89	0.00653	-7.07	35.36	0.00773
-9.19	33.23	0.00861	-10.61	31.82	0.00927
-12.02	30.41	0.01000	-13.44	28.99	0.01083
-14.85	27.58	0.01175	-27.58	14.85	0.00976
-28.99	13.44	0.00897	-30.41	12.02	0.00832
-31.82	10.61	0.00777	-33.23	9.19	0.00729
-35.36	7.07	0.00666	-38.89	3.54	0.00582
-42.43	0.00	0.00514	-49.50	-7.07	0.00410
-56.57	-14.14	0.00334	-63.64	-21.21	0.00277
-70.71	-28.28	0.00232	-77.78	-35.36	0.00197
-84.85	-42.43	0.00169	-91.92	-49.50	0.00146
56.57	84.85	0.00113	49.50	77.78	0.00137
42.43	70.71	0.00166	35.36	63.64	0.00205
28.28	56.57	0.00256	21.21	49.50	0.00325

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

14.14	42.43	0.00422	7.07	35.36	0.00564
3.54	31.82	0.00660	0.00	28.28	0.00782
-2.12	26.16	0.00869	-3.54	24.75	0.00935
-4.95	23.33	0.01008	-6.36	21.92	0.01089
-7.78	20.51	0.01182	-20.51	7.78	0.00983
-21.92	6.36	0.00904	-23.33	4.95	0.00839
-24.75	3.54	0.00784	-26.16	2.12	0.00735
-28.28	0.00	0.00673	-31.82	-3.54	0.00589
-35.36	-7.07	0.00520	-42.43	-14.14	0.00416
-49.50	-21.21	0.00340	-56.57	-28.28	0.00282
-63.64	-35.36	0.00237	-70.71	-42.43	0.00201
-77.78	-49.50	0.00172	-84.85	-56.57	0.00149

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00117	56.57	70.71	0.00141
49.50	63.64	0.00171	42.43	56.57	0.00210
35.36	49.50	0.00261	28.28	42.43	0.00331
21.21	35.36	0.00429	14.14	28.28	0.00571
10.61	24.75	0.00667	7.07	21.21	0.00788
4.95	19.09	0.00876	3.54	17.68	0.00942
2.12	16.26	0.01015	0.71	14.85	0.01096
-0.71	13.44	0.01189	-13.44	0.71	0.00989
-14.85	-0.71	0.00910	-16.26	-2.12	0.00845
-17.68	-3.54	0.00790	-19.09	-4.95	0.00742
-21.21	-7.07	0.00679	-24.75	-10.61	0.00594
-28.28	-14.14	0.00526	-35.36	-21.21	0.00422
-42.43	-28.28	0.00345	-49.50	-35.36	0.00286
-56.57	-42.43	0.00241	-63.64	-49.50	0.00205
-70.71	-56.57	0.00175	-77.78	-63.64	0.00152
70.71	70.71	0.00121	63.64	63.64	0.00145
56.57	56.57	0.00175	49.50	49.50	0.00215
42.43	42.43	0.00266	35.36	35.36	0.00337
28.28	28.28	0.00435	21.21	21.21	0.00577
17.68	17.68	0.00674	14.14	14.14	0.00795
12.02	12.02	0.00882	10.61	10.61	0.00948
9.19	9.19	0.01021	7.78	7.78	0.01102

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

6.36	6.36	0.01195	-6.36	-6.36	0.00995
-7.78	-7.78	0.00916	-9.19	-9.19	0.00851
-10.61	-10.61	0.00795	-12.02	-12.02	0.00747
-14.14	-14.14	0.00685	-17.68	-17.68	0.00600
-21.21	-21.21	0.00531	-28.28	-28.28	0.00427
-35.36	-35.36	0.00349	-42.43	-42.43	0.00290
-49.50	-49.50	0.00244	-56.57	-56.57	0.00208
-63.64	-63.64	0.00178	-70.71	-70.71	0.00154
77.78	63.64	0.00124	70.71	56.57	0.00149
63.64	49.50	0.00179	56.57	42.43	0.00219
49.50	35.36	0.00271	42.43	28.28	0.00342
35.36	21.21	0.00440	28.28	14.14	0.00583
24.75	10.61	0.00679	21.21	7.07	0.00800
19.09	4.95	0.00887	17.68	3.54	0.00953
16.26	2.12	0.01027	14.85	0.71	0.01108
13.44	-0.71	0.01200	0.71	-13.44	0.01000
-0.71	-14.85	0.00921	-2.12	-16.26	0.00856
-3.54	-17.68	0.00800	-4.95	-19.09	0.00752

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00690	-10.61	-24.75	0.00604
-14.14	-28.28	0.00536	-21.21	-35.36	0.00431
-28.28	-42.43	0.00353	-35.36	-49.50	0.00294
-42.43	-56.57	0.00248	-49.50	-63.64	0.00211
-56.57	-70.71	0.00181	-63.64	-77.78	0.00157
84.85	56.57	0.00128	77.78	49.50	0.00152
70.71	42.43	0.00183	63.64	35.36	0.00223
56.57	28.28	0.00276	49.50	21.21	0.00346
42.43	14.14	0.00445	35.36	7.07	0.00587
31.82	3.54	0.00684	28.28	0.00	0.00805
26.16	-2.12	0.00892	24.75	-3.54	0.00958
23.33	-4.95	0.01031	21.92	-6.36	0.01113
20.51	-7.78	0.01205	7.78	-20.51	0.01006
6.36	-21.92	0.00925	4.95	-23.33	0.00860
3.54	-24.75	0.00805	2.12	-26.16	0.00756
0.00	-28.28	0.00694	-3.54	-31.82	0.00609



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

-7.07	-35.36	0.00540	-14.14	-42.43	0.00435
-21.21	-49.50	0.00357	-28.28	-56.57	0.00298
-35.36	-63.64	0.00251	-42.43	-70.71	0.00214
-49.50	-77.78	0.00184	-56.57	-84.85	0.00159
91.92	49.50	0.00131	84.85	42.43	0.00155
77.78	35.36	0.00187	70.71	28.28	0.00227
63.64	21.21	0.00280	56.57	14.14	0.00351
49.50	7.07	0.00449	42.43	0.00	0.00591
38.89	-3.54	0.00688	35.36	-7.07	0.00809
33.23	-9.19	0.00897	31.82	-10.61	0.00963
30.41	-12.02	0.01035	28.99	-13.44	0.01117
27.58	-14.85	0.01210	14.85	-27.58	0.01011
13.44	-28.99	0.00930	12.02	-30.41	0.00864
10.61	-31.82	0.00808	9.19	-33.23	0.00760
7.07	-35.36	0.00697	3.54	-38.89	0.00612
0.00	-42.43	0.00543	-7.07	-49.50	0.00438
-14.14	-56.57	0.00360	-21.21	-63.64	0.00301
-28.28	-70.71	0.00254	-35.36	-77.78	0.00216
-42.43	-84.85	0.00186	-49.50	-91.92	0.00161
98.99	42.43	0.00133	91.92	35.36	0.00158
84.85	28.28	0.00190	77.78	21.21	0.00230
70.71	14.14	0.00283	63.64	7.07	0.00354
56.57	0.00	0.00453	49.50	-7.07	0.00595
45.96	-10.61	0.00692	42.43	-14.14	0.00813

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00900	38.89	-17.68	0.00966
37.48	-19.09	0.01039	36.06	-20.51	0.01121
34.65	-21.92	0.01214	21.92	-34.65	0.01015
20.51	-36.06	0.00933	19.09	-37.48	0.00867
17.68	-38.89	0.00811	16.26	-40.31	0.00763
14.14	-42.43	0.00700	10.61	-45.96	0.00615
7.07	-49.50	0.00546	0.00	-56.57	0.00441
-7.07	-63.64	0.00363	-14.14	-70.71	0.00303
-21.21	-77.78	0.00256	-28.28	-84.85	0.00218
-35.36	-91.92	0.00188	-42.43	-98.99	0.00163

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

106.07	35.36	0.00136	98.99	28.28	0.00161
91.92	21.21	0.00193	84.85	14.14	0.00233
77.78	7.07	0.00286	70.71	0.00	0.00358
63.64	-7.07	0.00456	56.57	-14.14	0.00599
53.03	-17.68	0.00695	49.50	-21.21	0.00816
47.38	-23.33	0.00903	45.96	-24.75	0.00969
44.55	-26.16	0.01042	43.13	-27.58	0.01125
41.72	-28.99	0.01218	28.99	-41.72	0.01017
27.58	-43.13	0.00937	26.16	-44.55	0.00870
24.75	-45.96	0.00814	23.33	-47.38	0.00766
21.21	-49.50	0.00703	17.68	-53.03	0.00618
14.14	-56.57	0.00549	7.07	-63.64	0.00443
0.00	-70.71	0.00365	-7.07	-77.78	0.00305
-14.14	-84.85	0.00258	-21.21	-91.92	0.00220
-28.28	-98.99	0.00189	-35.36	-106.07	0.00164
113.14	28.28	0.00138	106.07	21.21	0.00164
98.99	14.14	0.00195	91.92	7.07	0.00236
84.85	0.00	0.00289	77.78	-7.07	0.00360
70.71	-14.14	0.00459	63.64	-21.21	0.00602
60.10	-24.75	0.00698	56.57	-28.28	0.00819
54.45	-30.41	0.00906	53.03	-31.82	0.00972
51.62	-33.23	0.01045	50.20	-34.65	0.01127
48.79	-36.06	0.01220	36.06	-48.79	0.01017
34.65	-50.20	0.00938	33.23	-51.62	0.00873
31.82	-53.03	0.00817	30.41	-54.45	0.00768
28.28	-56.57	0.00705	24.75	-60.10	0.00620
21.21	-63.64	0.00551	14.14	-70.71	0.00445
7.07	-77.78	0.00367	0.00	-84.85	0.00307
-7.07	-91.92	0.00260	-14.14	-98.99	0.00221
-21.21	-106.07	0.00190	-28.28	-113.14	0.00165

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00141	113.14	14.14	0.00166
106.07	7.07	0.00198	98.99	0.00	0.00238
91.92	-7.07	0.00292	84.85	-14.14	0.00363
77.78	-21.21	0.00462	70.71	-28.28	0.00604

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

67.18	-31.82	0.00700	63.64	-35.36	0.00821
61.52	-37.48	0.00909	60.10	-38.89	0.00974
58.69	-40.31	0.01047	57.28	-41.72	0.01128
55.86	-43.13	0.01221	43.13	-55.86	0.01018
41.72	-57.28	0.00939	40.31	-58.69	0.00874
38.89	-60.10	0.00818	37.48	-61.52	0.00770
35.36	-63.64	0.00707	31.82	-67.18	0.00622
28.28	-70.71	0.00553	21.21	-77.78	0.00447
14.14	-84.85	0.00369	7.07	-91.92	0.00308
0.00	-98.99	0.00261	-7.07	-106.07	0.00222
-14.14	-113.14	0.00192	-21.21	-120.21	0.00166
127.28	14.14	0.00143	120.21	7.07	0.00168
113.14	0.00	0.00200	106.07	-7.07	0.00241
98.99	-14.14	0.00294	91.92	-21.21	0.00365
84.85	-28.28	0.00464	77.78	-35.36	0.00606
74.25	-38.89	0.00702	70.71	-42.43	0.00823
68.59	-44.55	0.00910	67.18	-45.96	0.00975
65.76	-47.38	0.01048	64.35	-48.79	0.01129
62.93	-50.20	0.01222	50.20	-62.93	0.01019
48.79	-64.35	0.00939	47.38	-65.76	0.00874
45.96	-67.18	0.00819	44.55	-68.59	0.00770
42.43	-70.71	0.00708	38.89	-74.25	0.00623
35.36	-77.78	0.00554	28.28	-84.85	0.00448
21.21	-91.92	0.00370	14.14	-98.99	0.00309
7.07	-106.07	0.00262	0.00	-113.14	0.00223
-7.07	-120.21	0.00192	-14.14	-127.28	0.00167
134.35	7.07	0.00145	127.28	0.00	0.00170
120.21	-7.07	0.00202	113.14	-14.14	0.00243
106.07	-21.21	0.00296	98.99	-28.28	0.00367
91.92	-35.36	0.00465	84.85	-42.43	0.00607
81.32	-45.96	0.00703	77.78	-49.50	0.00824
75.66	-51.62	0.00910	74.25	-53.03	0.00976
72.83	-54.45	0.01049	71.42	-55.86	0.01130
70.00	-57.28	0.01222	57.28	-70.00	0.01019
55.86	-71.42	0.00940	54.45	-72.83	0.00875
53.03	-74.25	0.00819	51.62	-75.66	0.00771

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 136  
 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00708	45.96	-81.32	0.00623
42.43	-84.85	0.00554	35.36	-91.92	0.00449
28.28	-98.99	0.00370	21.21	-106.07	0.00310
14.14	-113.14	0.00262	7.07	-120.21	0.00224
0.00	-127.28	0.00193	-7.07	-134.35	0.00168
141.42	0.00	0.00147	134.35	-7.07	0.00172
127.28	-14.14	0.00204	120.21	-21.21	0.00244
113.14	-28.28	0.00297	106.07	-35.36	0.00368
98.99	-42.43	0.00466	91.92	-49.50	0.00608
88.39	-53.03	0.00704	84.85	-56.57	0.00824
82.73	-58.69	0.00911	81.32	-60.10	0.00976
79.90	-61.52	0.01049	78.49	-62.93	0.01130
77.07	-64.35	0.01222	64.35	-77.07	0.01019
62.93	-78.49	0.00939	61.52	-79.90	0.00874
60.10	-81.32	0.00819	58.69	-82.73	0.00770
56.57	-84.85	0.00708	53.03	-88.39	0.00623
49.50	-91.92	0.00554	42.43	-98.99	0.00449
35.36	-106.07	0.00370	28.28	-113.14	0.00310
21.21	-120.21	0.00262	14.14	-127.28	0.00224
7.07	-134.35	0.00193	0.00	-141.42	0.00168
148.49	-7.07	0.00149	141.42	-14.14	0.00174
134.35	-21.21	0.00206	127.28	-28.28	0.00246
120.21	-35.36	0.00299	113.14	-42.43	0.00369
106.07	-49.50	0.00467	98.99	-56.57	0.00608
95.46	-60.10	0.00704	91.92	-63.64	0.00824
89.80	-65.76	0.00911	88.39	-67.18	0.00976
86.97	-68.59	0.01048	85.56	-70.00	0.01129
84.15	-71.42	0.01221	71.42	-84.15	0.01019
70.00	-85.56	0.00938	68.59	-86.97	0.00873
67.18	-88.39	0.00818	65.76	-89.80	0.00769
63.64	-91.92	0.00707	60.10	-95.46	0.00622
56.57	-98.99	0.00554	49.50	-106.07	0.00448
42.43	-113.14	0.00370	35.36	-120.21	0.00309
28.28	-127.28	0.00262	21.21	-134.35	0.00224
14.14	-141.42	0.00193	7.07	-148.49	0.00169
155.56	-14.14	0.00150	148.49	-21.21	0.00176
141.42	-28.28	0.00207	134.35	-35.36	0.00247
127.28	-42.43	0.00300	120.21	-49.50	0.00370
113.14	-56.57	0.00467	106.07	-63.64	0.00608
102.53	-67.18	0.00703	98.99	-70.71	0.00823

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41  
 \*\*MODELOPTs:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00909	95.46	-74.25	0.00975
94.05	-75.66	0.01047	92.63	-77.07	0.01128
91.22	-78.49	0.01220	78.49	-91.22	0.01018
77.07	-92.63	0.00936	75.66	-94.05	0.00871
74.25	-95.46	0.00816	72.83	-96.87	0.00767
70.71	-98.99	0.00705	67.18	-102.53	0.00620
63.64	-106.07	0.00552	56.57	-113.14	0.00447
49.50	-120.21	0.00368	42.43	-127.28	0.00308
35.36	-134.35	0.00261	28.28	-141.42	0.00223
21.21	-148.49	0.00193	14.14	-155.56	0.00169
162.63	-21.21	0.00152	155.56	-28.28	0.00177
148.49	-35.36	0.00209	141.42	-42.43	0.00249
134.35	-49.50	0.00300	127.28	-56.57	0.00370
120.21	-63.64	0.00466	113.14	-70.71	0.00606
109.60	-74.25	0.00702	106.07	-77.78	0.00821
103.94	-79.90	0.00907	102.53	-81.32	0.00972
101.12	-82.73	0.01044	99.70	-84.15	0.01126
98.29	-85.56	0.01218	85.56	-98.29	0.01015
84.15	-99.70	0.00934	82.73	-101.12	0.00868
81.32	-102.53	0.00812	79.90	-103.94	0.00765
77.78	-106.07	0.00702	74.25	-109.60	0.00618
70.71	-113.14	0.00549	63.64	-120.21	0.00445
56.57	-127.28	0.00366	49.50	-134.35	0.00307
42.43	-141.42	0.00260	35.36	-148.49	0.00223
28.28	-155.56	0.00193	21.21	-162.63	0.00169
169.71	-28.28	0.00153	162.63	-35.36	0.00179
155.56	-42.43	0.00210	148.49	-49.50	0.00250
141.42	-56.57	0.00301	134.35	-63.64	0.00370
127.28	-70.71	0.00466	120.21	-77.78	0.00605
116.67	-81.32	0.00699	113.14	-84.85	0.00818
111.02	-86.97	0.00904	109.60	-88.39	0.00969
108.19	-89.80	0.01041	106.77	-91.22	0.01122
105.36	-92.63	0.01215	92.63	-105.36	0.01011
91.22	-106.77	0.00931	89.80	-108.19	0.00864
88.39	-109.60	0.00808	86.97	-111.02	0.00760
84.85	-113.14	0.00698	81.32	-116.67	0.00614

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

77.78	-120.21	0.00546	70.71	-127.28	0.00441
63.64	-134.35	0.00364	56.57	-141.42	0.00305
49.50	-148.49	0.00259	42.43	-155.56	0.00222
35.36	-162.63	0.00193	28.28	-169.71	0.00169

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 04/20/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 \*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00155	169.71	-42.43	0.00180
162.63	-49.50	0.00211	155.56	-56.57	0.00250
148.49	-63.64	0.00301	141.42	-70.71	0.00370
134.35	-77.78	0.00464	127.28	-84.85	0.00602
123.74	-88.39	0.00696	120.21	-91.92	0.00814
118.09	-94.05	0.00900	116.67	-95.46	0.00965
115.26	-96.87	0.01036	113.84	-98.29	0.01117
112.43	-99.70	0.01209	99.70	-112.43	0.01002
98.29	-113.84	0.00923	96.87	-115.26	0.00859
95.46	-116.67	0.00804	94.05	-118.09	0.00756
91.92	-120.21	0.00693	88.39	-123.74	0.00610
84.85	-127.28	0.00541	77.78	-134.35	0.00437
70.71	-141.42	0.00360	63.64	-148.49	0.00302
56.57	-155.56	0.00257	49.50	-162.63	0.00221
42.43	-169.71	0.00192	35.36	-176.78	0.00168
183.85	-42.43	0.00156	176.78	-49.50	0.00181
169.71	-56.57	0.00212	162.63	-63.64	0.00251
155.56	-70.71	0.00302	148.49	-77.78	0.00369
141.42	-84.85	0.00463	134.35	-91.92	0.00599
130.81	-95.46	0.00692	127.28	-98.99	0.00809
125.16	-101.12	0.00894	123.74	-102.53	0.00959
122.33	-103.94	0.01030	120.92	-105.36	0.01109
119.50	-106.77	0.01201	106.77	-119.50	0.00993
105.36	-120.92	0.00915	103.94	-122.33	0.00850
102.53	-123.74	0.00796	101.12	-125.16	0.00748
98.99	-127.28	0.00687	95.46	-130.81	0.00603
91.92	-134.35	0.00536	84.85	-141.42	0.00432
77.78	-148.49	0.00356	70.71	-155.56	0.00300
63.64	-162.63	0.00255	56.57	-169.71	0.00220
49.50	-176.78	0.00191	42.43	-183.85	0.00168

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

190.92	-49.50	0.00157	183.85	-56.57	0.00182
176.78	-63.64	0.00213	169.71	-70.71	0.00252
162.63	-77.78	0.00302	155.56	-84.85	0.00369
148.49	-91.92	0.00461	141.42	-98.99	0.00595
137.89	-102.53	0.00687	134.35	-106.07	0.00802
132.23	-108.19	0.00887	130.81	-109.60	0.00950
129.40	-111.02	0.01021	127.99	-112.43	0.01100
126.57	-113.84	0.01191	113.84	-126.57	0.00983
112.43	-127.99	0.00905	111.02	-129.40	0.00841
109.60	-130.81	0.00786	108.19	-132.23	0.00739

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

15:49:41

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00678	102.53	-137.89	0.00595
98.99	-141.42	0.00528	91.92	-148.49	0.00426
84.85	-155.56	0.00352	77.78	-162.63	0.00297
70.71	-169.71	0.00253	63.64	-176.78	0.00218
56.57	-183.85	0.00190	49.50	-190.92	0.00167
197.99	-56.57	0.00158	190.92	-63.64	0.00183
183.85	-70.71	0.00214	176.78	-77.78	0.00252
169.71	-84.85	0.00302	162.63	-91.92	0.00368
155.56	-98.99	0.00459	148.49	-106.07	0.00590
144.96	-109.60	0.00680	141.42	-113.14	0.00794
139.30	-115.26	0.00877	137.89	-116.67	0.00940
136.47	-118.09	0.01010	135.06	-119.50	0.01088
133.64	-120.92	0.01178	120.92	-133.64	0.00969
119.50	-135.06	0.00891	118.09	-136.47	0.00828
116.67	-137.89	0.00774	115.26	-139.30	0.00727
113.14	-141.42	0.00667	109.60	-144.96	0.00584
106.07	-148.49	0.00518	98.99	-155.56	0.00419
91.92	-162.63	0.00348	84.85	-169.71	0.00293
77.78	-176.78	0.00251	70.71	-183.85	0.00216
63.64	-190.92	0.00189	56.57	-197.99	0.00166
205.06	-63.64	0.00159	197.99	-70.71	0.00184
190.92	-77.78	0.00214	183.85	-84.85	0.00253
176.78	-91.92	0.00302	169.71	-98.99	0.00367
162.63	-106.07	0.00457	155.56	-113.14	0.00586

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

152.03	-116.67	0.00673	148.49	-120.21	0.00784
146.37	-122.33	0.00865	144.96	-123.74	0.00927
143.54	-125.16	0.00996	142.13	-126.57	0.01073
140.71	-127.99	0.01161	127.99	-140.71	0.00952
126.57	-142.13	0.00874	125.16	-143.54	0.00812
123.74	-144.96	0.00758	122.33	-146.37	0.00712
120.21	-148.49	0.00652	116.67	-152.03	0.00571
113.14	-155.56	0.00508	106.07	-162.63	0.00413
98.99	-169.71	0.00343	91.92	-176.78	0.00290
84.85	-183.85	0.00248	77.78	-190.92	0.00214
70.71	-197.99	0.00187	63.64	-205.06	0.00165
212.13	-70.71	0.00160	205.06	-77.78	0.00184
197.99	-84.85	0.00215	190.92	-91.92	0.00253
183.85	-98.99	0.00301	176.78	-106.07	0.00366
169.71	-113.14	0.00454	162.63	-120.21	0.00581
159.10	-123.74	0.00667	155.56	-127.28	0.00774

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00853	152.03	-130.81	0.00912
150.61	-132.23	0.00979	149.20	-133.64	0.01053
147.79	-135.06	0.01139	135.06	-147.79	0.00929
133.64	-149.20	0.00852	132.23	-150.61	0.00791
130.81	-152.03	0.00738	129.40	-153.44	0.00693
127.28	-155.56	0.00635	123.74	-159.10	0.00558
120.21	-162.63	0.00498	113.14	-169.71	0.00405
106.07	-176.78	0.00338	98.99	-183.85	0.00286
91.92	-190.92	0.00245	84.85	-197.99	0.00212
77.78	-205.06	0.00186	70.71	-212.13	0.00164
219.20	-77.78	0.00160	212.13	-84.85	0.00185
205.06	-91.92	0.00215	197.99	-98.99	0.00252
190.92	-106.07	0.00301	183.85	-113.14	0.00364
176.78	-120.21	0.00452	169.71	-127.28	0.00577
166.17	-130.81	0.00661	162.63	-134.35	0.00766
160.51	-136.47	0.00841	159.10	-137.89	0.00898
157.68	-139.30	0.00961	156.27	-140.71	0.01032
154.86	-142.13	0.01115	142.13	-154.86	0.00901



20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

140.71	-156.27	0.00826	139.30	-157.68	0.00767
137.89	-159.10	0.00717	136.47	-160.51	0.00674
134.35	-162.63	0.00620	130.81	-166.17	0.00546
127.28	-169.71	0.00488	120.21	-176.78	0.00398
113.14	-183.85	0.00332	106.07	-190.92	0.00282
98.99	-197.99	0.00242	91.92	-205.06	0.00210
84.85	-212.13	0.00184	77.78	-219.20	0.00162
226.27	-84.85	0.00160	219.20	-91.92	0.00185
212.13	-98.99	0.00214	205.06	-106.07	0.00251
197.99	-113.14	0.00299	190.92	-120.21	0.00362
183.85	-127.28	0.00448	176.78	-134.35	0.00571
173.24	-137.89	0.00654	169.71	-141.42	0.00757
167.58	-143.54	0.00831	166.17	-144.96	0.00886
164.76	-146.37	0.00947	163.34	-147.79	0.01015
161.93	-149.20	0.01093	149.20	-161.93	0.00873
147.79	-163.34	0.00803	146.37	-164.76	0.00746
144.96	-166.17	0.00699	143.54	-167.58	0.00659
141.42	-169.71	0.00606	137.89	-173.24	0.00535
134.35	-176.78	0.00478	127.28	-183.85	0.00391
120.21	-190.92	0.00327	113.14	-197.99	0.00278
106.07	-205.06	0.00239	98.99	-212.13	0.00208
91.92	-219.20	0.00182	84.85	-226.27	0.00161

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at SE/NW Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER            IN MICROGRAMS/M\*\*3                      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00160	226.27	-98.99	0.00184
219.20	-106.07	0.00214	212.13	-113.14	0.00250
205.06	-120.21	0.00297	197.99	-127.28	0.00359
190.92	-134.35	0.00443	183.85	-141.42	0.00563
180.31	-144.96	0.00643	176.78	-148.49	0.00743
174.66	-150.61	0.00814	173.24	-152.03	0.00868
171.83	-153.44	0.00926	170.41	-154.86	0.00991
169.00	-156.27	0.01060	156.27	-169.00	0.00842
154.86	-170.41	0.00779	153.44	-171.83	0.00726
152.03	-173.24	0.00682	150.61	-174.66	0.00643
148.49	-176.78	0.00593	144.96	-180.31	0.00524
141.42	-183.85	0.00468	134.35	-190.92	0.00384

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

127.28	-197.99	0.00321	120.21	-205.06	0.00273
113.14	-212.13	0.00236	106.07	-219.20	0.00205
98.99	-226.27	0.00180	91.92	-233.35	0.00160
240.42	-98.99	0.00160	233.35	-106.07	0.00184
226.27	-113.14	0.00213	219.20	-120.21	0.00249
212.13	-127.28	0.00294	205.06	-134.35	0.00354
197.99	-141.42	0.00436	190.92	-148.49	0.00550
187.38	-152.03	0.00624	183.85	-155.56	0.00712
181.73	-157.68	0.00771	180.31	-159.10	0.00813
178.90	-160.51	0.00855	177.48	-161.93	0.00897
176.07	-163.34	0.00935	163.34	-176.07	0.00767
161.93	-177.48	0.00725	160.51	-178.90	0.00685
159.10	-180.31	0.00649	157.68	-181.73	0.00615
155.56	-183.85	0.00570	152.03	-187.38	0.00507
148.49	-190.92	0.00454	141.42	-197.99	0.00373
134.35	-205.06	0.00314	127.28	-212.13	0.00268
120.21	-219.20	0.00231	113.14	-226.27	0.00202
106.07	-233.35	0.00178	98.99	-240.42	0.00158
247.49	-106.07	0.00160	240.42	-113.14	0.00183
233.35	-120.21	0.00211	226.27	-127.28	0.00246
219.20	-134.35	0.00291	212.13	-141.42	0.00348
205.06	-148.49	0.00424	197.99	-155.56	0.00525
194.45	-159.10	0.00586	190.92	-162.63	0.00653
188.80	-164.76	0.00694	187.38	-166.17	0.00721
185.97	-167.58	0.00746	184.55	-169.00	0.00770
183.14	-170.41	0.00790	170.41	-183.14	0.00676
169.00	-184.55	0.00648	167.58	-185.97	0.00620
166.17	-187.38	0.00593	164.76	-188.80	0.00568

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

15:49:41  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00533	159.10	-194.45	0.00481
155.56	-197.99	0.00435	148.49	-205.06	0.00361
141.42	-212.13	0.00304	134.35	-219.20	0.00261
127.28	-226.27	0.00226	120.21	-233.35	0.00198
113.14	-240.42	0.00175	106.07	-247.49	0.00155

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

20NCRA\_PL97-300\_DPM\_TRAV\_ANN\_SE-NW Bound

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

15:49:41

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S1	1ST	HIGHEST	VALUE IS	0.00772	AT (	169.00,	-156.27,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00770	AT (	161.93,	-149.20,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00752	AT (	154.86,	-142.13,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00727	AT (	147.79,	-135.06,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00702	AT (	170.41,	-154.86,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00694	AT (	163.34,	-147.79,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00687	AT (	140.71,	-127.99,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00675	AT (	176.07,	-163.34,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00670	AT (	156.27,	-140.71,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00642	AT (	149.20,	-133.64,	0.00,	1.20)	DC	NA
NCRA_S2	1ST	HIGHEST	VALUE IS	0.00772	AT (	105.36,	-92.63,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00770	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00752	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00727	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00702	AT (	106.77,	-91.22,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00694	AT (	99.70,	-84.15,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00687	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00675	AT (	112.43,	-99.70,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00670	AT (	92.63,	-77.07,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00642	AT (	85.56,	-70.00,	0.00,	1.20)	DC	NA
NCRA_S3	1ST	HIGHEST	VALUE IS	0.00772	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00770	AT (	34.65,	-21.92,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00752	AT (	27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00727	AT (	20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00702	AT (	43.13,	-27.58,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00694	AT (	36.06,	-20.51,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00687	AT (	13.44,	-0.71,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00675	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00670	AT (	28.99,	-13.44,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00642	AT (	21.92,	-6.36,	0.00,	1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID				AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)			OF TYPE	NETWORK GRID-ID		
NCRA_S4	1ST	HIGHEST	VALUE IS	0.00772	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00770	AT (	-28.99,	41.72,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00752	AT (	-36.06,	48.79,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00727	AT (	-43.13,	55.86,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00702	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00694	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00687	AT (	-50.20,	62.93,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00675	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	9TH	HIGHEST	VALUE IS	0.00670	AT (	-34.65,	50.20,	0.00,	1.20)	DC	NA
	10TH	HIGHEST	VALUE IS	0.00642	AT (	-41.72,	57.28,	0.00,	1.20)	DC	NA
NCRA_S5	1ST	HIGHEST	VALUE IS	0.00772	AT (	-85.56,	98.29,	0.00,	1.20)	DC	NA
	2ND	HIGHEST	VALUE IS	0.00770	AT (	-92.63,	105.36,	0.00,	1.20)	DC	NA
	3RD	HIGHEST	VALUE IS	0.00752	AT (	-99.70,	112.43,	0.00,	1.20)	DC	NA
	4TH	HIGHEST	VALUE IS	0.00727	AT (	-106.77,	119.50,	0.00,	1.20)	DC	NA
	5TH	HIGHEST	VALUE IS	0.00702	AT (	-84.15,	99.70,	0.00,	1.20)	DC	NA
	6TH	HIGHEST	VALUE IS	0.00694	AT (	-91.22,	106.77,	0.00,	1.20)	DC	NA
	7TH	HIGHEST	VALUE IS	0.00687	AT (	-113.84,	126.57,	0.00,	1.20)	DC	NA
	8TH	HIGHEST	VALUE IS	0.00675	AT (	-78.49,	91.22,	0.00,	1.20)	DC	NA

20NCRA_PL97-300_DPM_TRAV_ANN_SE-NW Bound									
	9TH HIGHEST VALUE IS	0.00670	AT (	-98.29,	113.84,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00642	AT (	-105.36,	120.92,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01222	AT (	77.07,	-64.35,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01222	AT (	70.00,	-57.28,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01222	AT (	62.93,	-50.20,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01221	AT (	84.15,	-71.42,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01221	AT (	55.86,	-43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01220	AT (	91.22,	-78.49,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01220	AT (	48.79,	-36.06,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01218	AT (	98.29,	-85.56,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01218	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01215	AT (	105.36,	-92.63,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/20/08

\*\*\* Maximum train overlap at SE/NW Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 5 Informational Message(s)  
 A Total of 5 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*