

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 14:52:42

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

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

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA -92.28 -98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA -28.64 -35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA 35.0 28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA 98.64 92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA 162.28 155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 -135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 -135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 -135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 -135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 -135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	247.49	106.07	1.2
RE DISCCART	240.42	113.14	1.2
RE DISCCART	233.35	120.21	1.2
RE DISCCART	226.27	127.28	1.2
RE DISCCART	219.2	134.35	1.2
RE DISCCART	212.13	141.42	1.2
RE DISCCART	205.06	148.49	1.2
RE DISCCART	197.99	155.56	1.2
RE DISCCART	194.45	159.1	1.2
RE DISCCART	190.92	162.63	1.2
RE DISCCART	188.8	164.76	1.2
RE DISCCART	187.38	166.17	1.2
RE DISCCART	185.97	167.58	1.2
RE DISCCART	184.55	169.0	1.2
RE DISCCART	183.14	170.41	1.2
RE DISCCART	170.41	183.14	1.2
RE DISCCART	169.0	184.55	1.2
RE DISCCART	167.58	185.97	1.2
RE DISCCART	166.17	187.38	1.2
RE DISCCART	164.76	188.8	1.2
RE DISCCART	162.63	190.92	1.2
RE DISCCART	159.1	194.45	1.2
RE DISCCART	155.56	197.99	1.2
RE DISCCART	148.49	205.06	1.2
RE DISCCART	141.42	212.13	1.2
RE DISCCART	134.35	219.2	1.2
RE DISCCART	127.28	226.27	1.2
RE DISCCART	120.21	233.35	1.2
RE DISCCART	113.14	240.42	1.2
RE DISCCART	106.07	247.49	1.2
RE DISCCART	240.42	98.99	1.2
RE DISCCART	233.35	106.07	1.2
RE DISCCART	226.27	113.14	1.2
RE DISCCART	219.2	120.21	1.2
RE DISCCART	212.13	127.28	1.2
RE DISCCART	205.06	134.35	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	178.9	160.51	1.2

RE DISCCART	177.48	161.93	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	152.03	173.24	1.2
RE DISCCART	150.61	174.66	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	113.14	212.13	1.2

RE DISCCART	106.07	219.2	1.2
RE DISCCART	99.0	226.27	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	99.0	212.13	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	205.06	91.92	1.2
RE DISCCART	197.99	98.99	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	160.51	136.47	1.2

RE DISCCART	159.1	137.89	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	99.0	197.99	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	133.64	149.2	1.2
RE DISCCART	132.23	150.61	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	106.07	176.78	1.2

RE DISCCART	98.99	183.85	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	197.99	56.57	1.2
RE DISCCART	190.92	63.64	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	144.96	109.6	1.2

RE DISCCART	141.42	113.14	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	126.57	113.84	1.2
RE DISCCART	113.84	126.57	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	98.99	141.42	1.2

RE DISCCART	91.92	148.49	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	49.5	176.78	1.2
RE DISCCART	42.43	183.85	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	134.35	77.78	1.2

RE DISCCART	127.28	84.85	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	108.19	89.8	1.2
RE DISCCART	106.77	91.22	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	84.85	113.14	1.2

RE DISCCART	81.32	116.67	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	42.43	141.42	1.2
RE DISCCART	35.36	148.49	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	127.28	42.43	1.2

RE DISCCART	120.21	49.5	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	89.8	65.76	1.2
RE DISCCART	88.39	67.18	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	67.18	88.39	1.2

RE DISCCART	65.76	89.8	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	113.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	7.07	1.2

RE DISCCART 113.14 14.14 1.2
 RE DISCCART 106.07 21.21 1.2
 RE DISCCART 98.99 28.28 1.2
 RE DISCCART 91.92 35.36 1.2
 RE DISCCART 84.85 42.43 1.2
 RE DISCCART 81.32 45.96 1.2
 RE DISCCART 77.78 49.5 1.2
 RE DISCCART 75.66 51.62 1.2
 RE DISCCART 74.25 53.03 1.2
 RE DISCCART 72.83 54.45 1.2
 RE DISCCART 71.42 55.86 1.2
 RE DISCCART 70.0 57.28 1.2
 RE DISCCART 57.28 70.0 1.2
 RE DISCCART 55.86 71.42 1.2
 RE DISCCART 54.45 72.83 1.2
 RE DISCCART 53.03 74.25 1.2
 RE DISCCART 51.62 75.66 1.2
 RE DISCCART 49.5 77.78 1.2
 RE DISCCART 45.96 81.32 1.2
 RE DISCCART 42.43 84.85 1.2
 RE DISCCART 35.36 91.92 1.2
 RE DISCCART 28.28 98.99 1.2
 RE DISCCART 21.21 106.07 1.2
 RE DISCCART 14.14 113.14 1.2
 RE DISCCART 7.07 120.21 1.2
 RE DISCCART 0.0 127.28 1.2
 RE DISCCART -7.07 134.35 1.2
 RE DISCCART 127.28 -14.14 1.2
 RE DISCCART 120.21 -7.07 1.2
 RE DISCCART 113.14 0.0 1.2
 RE DISCCART 106.07 7.07 1.2
 RE DISCCART 98.99 14.14 1.2
 RE DISCCART 91.92 21.21 1.2
 RE DISCCART 84.85 28.28 1.2
 RE DISCCART 77.78 35.36 1.2
 RE DISCCART 74.25 38.89 1.2
 RE DISCCART 70.71 42.43 1.2
 RE DISCCART 68.59 44.55 1.2
 RE DISCCART 67.18 45.96 1.2
 RE DISCCART 65.76 47.38 1.2
 RE DISCCART 64.35 48.79 1.2
 RE DISCCART 62.93 50.2 1.2
 RE DISCCART 50.2 62.93 1.2
 RE DISCCART 48.79 64.35 1.2

RE DISCCART	47.38	65.76	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	28.28	70.71	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	41.72	28.99	1.2

RE DISCCART	28.99	41.72	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	14.14	42.43	1.2
RE DISCCART	10.61	45.96	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	91.92	1.2

RE DISCCART	-42.43	98.99	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	56.57	-28.28	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	23.33	4.95	1.2

RE DISCCART	21.92	6.36	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-4.95	19.09	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-42.43	56.57	1.2

RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	49.5	-63.64	1.2
RE DISCCART	42.43	-56.57	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	4.95	-19.09	1.2

RE DISCCART	3.54	-17.68	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-23.33	-4.95	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-49.5	21.21	1.2

RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-10.61	-45.96	1.2

RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-41.72	-28.99	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-21.21	-77.78	1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-48.79	-64.35	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-67.18	-88.39	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-88.39	-67.18	1.2

RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-127.28	-42.43	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-84.85	-113.14	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-106.77	-91.22	1.2

RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2

RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-98.99	-141.42	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-113.84	-126.57	1.2

RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-144.96	-109.6	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
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RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
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RE DISCCART	-91.92	-190.92	1.2
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RE DISCCART	-106.07	-176.78	1.2
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RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
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RE DISCCART	-147.79	-135.06	1.2
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RE DISCCART	-150.61	-132.23	1.2
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RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
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RE DISCCART	-140.71	-156.27	1.2
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RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
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RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-212.13	-98.99	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-113.14	-212.13	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-150.61	-174.66	1.2

RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-226.27	-98.99	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
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RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

RE DISCCART -212.13 -127.28 1.2
 RE DISCCART -219.2 -120.21 1.2
 RE DISCCART -226.27 -113.14 1.2
 RE DISCCART -233.35 -106.07 1.2
 RE DISCCART -240.42 -98.99 1.2
 RE DISCCART -106.07 -247.49 1.2
 RE DISCCART -113.14 -240.42 1.2
 RE DISCCART -120.21 -233.35 1.2
 RE DISCCART -127.28 -226.27 1.2
 RE DISCCART -134.35 -219.2 1.2
 RE DISCCART -141.42 -212.13 1.2
 RE DISCCART -148.49 -205.06 1.2
 RE DISCCART -155.56 -197.99 1.2
 RE DISCCART -159.1 -194.45 1.2
 RE DISCCART -162.63 -190.92 1.2
 RE DISCCART -164.76 -188.8 1.2
 RE DISCCART -166.17 -187.38 1.2
 RE DISCCART -167.58 -185.97 1.2
 RE DISCCART -169.0 -184.55 1.2
 RE DISCCART -170.41 -183.14 1.2
 RE DISCCART -183.14 -170.41 1.2
 RE DISCCART -184.55 -169.0 1.2
 RE DISCCART -185.97 -167.58 1.2
 RE DISCCART -187.38 -166.17 1.2
 RE DISCCART -188.8 -164.76 1.2
 RE DISCCART -190.92 -162.63 1.2
 RE DISCCART -194.45 -159.1 1.2
 RE DISCCART -197.99 -155.56 1.2
 RE DISCCART -205.06 -148.49 1.2
 RE DISCCART -212.13 -141.42 1.2
 RE DISCCART -219.2 -134.35 1.2
 RE DISCCART -226.27 -127.28 1.2
 RE DISCCART -233.35 -120.21 1.2
 RE DISCCART -240.42 -113.14 1.2
 RE DISCCART -247.49 -106.07 1.2
 RE FINISHED

ME STARTING
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 ME UAIRDATA 9901 1993
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OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

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

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M**3

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

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\13NCRA-1.DAT

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(205.1,	148.5,	0.0,	1.2);	(198.0,	155.6,	0.0,	1.2);
(194.4,	159.1,	0.0,	1.2);	(190.9,	162.6,	0.0,	1.2);
(188.8,	164.8,	0.0,	1.2);	(187.4,	166.2,	0.0,	1.2);
(186.0,	167.6,	0.0,	1.2);	(184.6,	169.0,	0.0,	1.2);
(183.1,	170.4,	0.0,	1.2);	(170.4,	183.1,	0.0,	1.2);
(169.0,	184.6,	0.0,	1.2);	(167.6,	186.0,	0.0,	1.2);
(166.2,	187.4,	0.0,	1.2);	(164.8,	188.8,	0.0,	1.2);
(162.6,	190.9,	0.0,	1.2);	(159.1,	194.4,	0.0,	1.2);
(155.6,	198.0,	0.0,	1.2);	(148.5,	205.1,	0.0,	1.2);
(141.4,	212.1,	0.0,	1.2);	(134.4,	219.2,	0.0,	1.2);
(127.3,	226.3,	0.0,	1.2);	(120.2,	233.4,	0.0,	1.2);
(113.1,	240.4,	0.0,	1.2);	(106.1,	247.5,	0.0,	1.2);
(240.4,	99.0,	0.0,	1.2);	(233.4,	106.1,	0.0,	1.2);
(226.3,	113.1,	0.0,	1.2);	(219.2,	120.2,	0.0,	1.2);
(212.1,	127.3,	0.0,	1.2);	(205.1,	134.4,	0.0,	1.2);
(198.0,	141.4,	0.0,	1.2);	(190.9,	148.5,	0.0,	1.2);
(187.4,	152.0,	0.0,	1.2);	(183.9,	155.6,	0.0,	1.2);
(181.7,	157.7,	0.0,	1.2);	(180.3,	159.1,	0.0,	1.2);
(178.9,	160.5,	0.0,	1.2);	(177.5,	161.9,	0.0,	1.2);
(176.1,	163.3,	0.0,	1.2);	(163.3,	176.1,	0.0,	1.2);
(161.9,	177.5,	0.0,	1.2);	(160.5,	178.9,	0.0,	1.2);
(159.1,	180.3,	0.0,	1.2);	(157.7,	181.7,	0.0,	1.2);
(155.6,	183.9,	0.0,	1.2);	(152.0,	187.4,	0.0,	1.2);
(148.5,	190.9,	0.0,	1.2);	(141.4,	198.0,	0.0,	1.2);
(134.4,	205.1,	0.0,	1.2);	(127.3,	212.1,	0.0,	1.2);
(120.2,	219.2,	0.0,	1.2);	(113.1,	226.3,	0.0,	1.2);
(106.1,	233.4,	0.0,	1.2);	(99.0,	240.4,	0.0,	1.2);
(233.4,	91.9,	0.0,	1.2);	(226.3,	99.0,	0.0,	1.2);
(219.2,	106.1,	0.0,	1.2);	(212.1,	113.1,	0.0,	1.2);
(205.1,	120.2,	0.0,	1.2);	(198.0,	127.3,	0.0,	1.2);
(190.9,	134.4,	0.0,	1.2);	(183.9,	141.4,	0.0,	1.2);
(180.3,	145.0,	0.0,	1.2);	(176.8,	148.5,	0.0,	1.2);
(174.7,	150.6,	0.0,	1.2);	(173.2,	152.0,	0.0,	1.2);
(171.8,	153.4,	0.0,	1.2);	(170.4,	154.9,	0.0,	1.2);
(169.0,	156.3,	0.0,	1.2);	(156.3,	169.0,	0.0,	1.2);
(154.9,	170.4,	0.0,	1.2);	(153.4,	171.8,	0.0,	1.2);
(152.0,	173.2,	0.0,	1.2);	(150.6,	174.7,	0.0,	1.2);
(148.5,	176.8,	0.0,	1.2);	(145.0,	180.3,	0.0,	1.2);
(141.4,	183.9,	0.0,	1.2);	(134.4,	190.9,	0.0,	1.2);
(127.3,	198.0,	0.0,	1.2);	(120.2,	205.1,	0.0,	1.2);
(113.1,	212.1,	0.0,	1.2);	(106.1,	219.2,	0.0,	1.2);
(99.0,	226.3,	0.0,	1.2);	(91.9,	233.4,	0.0,	1.2);

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

*** NCRA Cumulative DPM Impacts

14:52:42

*** Maximum train overlap at NE/SW Bound Direction

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

(226.3, 84.8, 0.0, 1.2);	(219.2, 91.9, 0.0, 1.2);
(212.1, 99.0, 0.0, 1.2);	(205.1, 106.1, 0.0, 1.2);
(198.0, 113.1, 0.0, 1.2);	(190.9, 120.2, 0.0, 1.2);
(183.9, 127.3, 0.0, 1.2);	(176.8, 134.4, 0.0, 1.2);
(173.2, 137.9, 0.0, 1.2);	(169.7, 141.4, 0.0, 1.2);
(167.6, 143.5, 0.0, 1.2);	(166.2, 145.0, 0.0, 1.2);
(164.8, 146.4, 0.0, 1.2);	(163.3, 147.8, 0.0, 1.2);
(161.9, 149.2, 0.0, 1.2);	(149.2, 161.9, 0.0, 1.2);
(147.8, 163.3, 0.0, 1.2);	(146.4, 164.8, 0.0, 1.2);
(145.0, 166.2, 0.0, 1.2);	(143.5, 167.6, 0.0, 1.2);
(141.4, 169.7, 0.0, 1.2);	(137.9, 173.2, 0.0, 1.2);
(134.4, 176.8, 0.0, 1.2);	(127.3, 183.9, 0.0, 1.2);
(120.2, 190.9, 0.0, 1.2);	(113.1, 198.0, 0.0, 1.2);
(106.1, 205.1, 0.0, 1.2);	(99.0, 212.1, 0.0, 1.2);
(91.9, 219.2, 0.0, 1.2);	(84.8, 226.3, 0.0, 1.2);
(219.2, 77.8, 0.0, 1.2);	(212.1, 84.8, 0.0, 1.2);
(205.1, 91.9, 0.0, 1.2);	(198.0, 99.0, 0.0, 1.2);
(190.9, 106.1, 0.0, 1.2);	(183.9, 113.1, 0.0, 1.2);
(176.8, 120.2, 0.0, 1.2);	(169.7, 127.3, 0.0, 1.2);
(166.2, 130.8, 0.0, 1.2);	(162.6, 134.4, 0.0, 1.2);
(160.5, 136.5, 0.0, 1.2);	(159.1, 137.9, 0.0, 1.2);
(157.7, 139.3, 0.0, 1.2);	(156.3, 140.7, 0.0, 1.2);
(154.9, 142.1, 0.0, 1.2);	(142.1, 154.9, 0.0, 1.2);
(140.7, 156.3, 0.0, 1.2);	(139.3, 157.7, 0.0, 1.2);
(137.9, 159.1, 0.0, 1.2);	(136.5, 160.5, 0.0, 1.2);
(134.4, 162.6, 0.0, 1.2);	(130.8, 166.2, 0.0, 1.2);
(127.3, 169.7, 0.0, 1.2);	(120.2, 176.8, 0.0, 1.2);
(113.1, 183.9, 0.0, 1.2);	(106.1, 190.9, 0.0, 1.2);
(99.0, 198.0, 0.0, 1.2);	(91.9, 205.1, 0.0, 1.2);
(84.8, 212.1, 0.0, 1.2);	(77.8, 219.2, 0.0, 1.2);
(212.1, 70.7, 0.0, 1.2);	(205.1, 77.8, 0.0, 1.2);
(198.0, 84.8, 0.0, 1.2);	(190.9, 91.9, 0.0, 1.2);
(183.9, 99.0, 0.0, 1.2);	(176.8, 106.1, 0.0, 1.2);
(169.7, 113.1, 0.0, 1.2);	(162.6, 120.2, 0.0, 1.2);
(159.1, 123.7, 0.0, 1.2);	(155.6, 127.3, 0.0, 1.2);
(153.4, 129.4, 0.0, 1.2);	(152.0, 130.8, 0.0, 1.2);
(150.6, 132.2, 0.0, 1.2);	(149.2, 133.6, 0.0, 1.2);
(147.8, 135.1, 0.0, 1.2);	(135.1, 147.8, 0.0, 1.2);
(133.6, 149.2, 0.0, 1.2);	(132.2, 150.6, 0.0, 1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(130.8,	152.0,	0.0,	1.2);	(129.4,	153.4,	0.0,	1.2);
(127.3,	155.6,	0.0,	1.2);	(123.7,	159.1,	0.0,	1.2);
(120.2,	162.6,	0.0,	1.2);	(113.1,	169.7,	0.0,	1.2);
(106.1,	176.8,	0.0,	1.2);	(99.0,	183.9,	0.0,	1.2);
(91.9,	190.9,	0.0,	1.2);	(84.8,	198.0,	0.0,	1.2);
(77.8,	205.1,	0.0,	1.2);	(70.7,	212.1,	0.0,	1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

(205.1,	63.6,	0.0,	1.2);	(198.0,	70.7,	0.0,	1.2);
(190.9,	77.8,	0.0,	1.2);	(183.9,	84.8,	0.0,	1.2);
(176.8,	91.9,	0.0,	1.2);	(169.7,	99.0,	0.0,	1.2);
(162.6,	106.1,	0.0,	1.2);	(155.6,	113.1,	0.0,	1.2);
(152.0,	116.7,	0.0,	1.2);	(148.5,	120.2,	0.0,	1.2);
(146.4,	122.3,	0.0,	1.2);	(145.0,	123.7,	0.0,	1.2);
(143.5,	125.2,	0.0,	1.2);	(142.1,	126.6,	0.0,	1.2);
(140.7,	128.0,	0.0,	1.2);	(128.0,	140.7,	0.0,	1.2);
(126.6,	142.1,	0.0,	1.2);	(125.2,	143.5,	0.0,	1.2);
(123.7,	145.0,	0.0,	1.2);	(122.3,	146.4,	0.0,	1.2);
(120.2,	148.5,	0.0,	1.2);	(116.7,	152.0,	0.0,	1.2);
(113.1,	155.6,	0.0,	1.2);	(106.1,	162.6,	0.0,	1.2);
(99.0,	169.7,	0.0,	1.2);	(91.9,	176.8,	0.0,	1.2);
(84.8,	183.9,	0.0,	1.2);	(77.8,	190.9,	0.0,	1.2);
(70.7,	198.0,	0.0,	1.2);	(63.6,	205.1,	0.0,	1.2);
(198.0,	56.6,	0.0,	1.2);	(190.9,	63.6,	0.0,	1.2);
(183.9,	70.7,	0.0,	1.2);	(176.8,	77.8,	0.0,	1.2);
(169.7,	84.8,	0.0,	1.2);	(162.6,	91.9,	0.0,	1.2);
(155.6,	99.0,	0.0,	1.2);	(148.5,	106.1,	0.0,	1.2);
(145.0,	109.6,	0.0,	1.2);	(141.4,	113.1,	0.0,	1.2);
(139.3,	115.3,	0.0,	1.2);	(137.9,	116.7,	0.0,	1.2);
(136.5,	118.1,	0.0,	1.2);	(135.1,	119.5,	0.0,	1.2);
(133.6,	120.9,	0.0,	1.2);	(120.9,	133.6,	0.0,	1.2);
(119.5,	135.1,	0.0,	1.2);	(118.1,	136.5,	0.0,	1.2);
(116.7,	137.9,	0.0,	1.2);	(115.3,	139.3,	0.0,	1.2);
(113.1,	141.4,	0.0,	1.2);	(109.6,	145.0,	0.0,	1.2);
(106.1,	148.5,	0.0,	1.2);	(99.0,	155.6,	0.0,	1.2);
(91.9,	162.6,	0.0,	1.2);	(84.8,	169.7,	0.0,	1.2);
(77.8,	176.8,	0.0,	1.2);	(70.7,	183.9,	0.0,	1.2);
(63.6,	190.9,	0.0,	1.2);	(56.6,	198.0,	0.0,	1.2);
(190.9,	49.5,	0.0,	1.2);	(183.9,	56.6,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(176.8,	63.6,	0.0,	1.2);	(169.7,	70.7,	0.0,	1.2);
(162.6,	77.8,	0.0,	1.2);	(155.6,	84.8,	0.0,	1.2);
(148.5,	91.9,	0.0,	1.2);	(141.4,	99.0,	0.0,	1.2);
(137.9,	102.5,	0.0,	1.2);	(134.4,	106.1,	0.0,	1.2);
(132.2,	108.2,	0.0,	1.2);	(130.8,	109.6,	0.0,	1.2);
(129.4,	111.0,	0.0,	1.2);	(128.0,	112.4,	0.0,	1.2);
(126.6,	113.8,	0.0,	1.2);	(113.8,	126.6,	0.0,	1.2);
(112.4,	128.0,	0.0,	1.2);	(111.0,	129.4,	0.0,	1.2);
(109.6,	130.8,	0.0,	1.2);	(108.2,	132.2,	0.0,	1.2);
(106.1,	134.4,	0.0,	1.2);	(102.5,	137.9,	0.0,	1.2);
(99.0,	141.4,	0.0,	1.2);	(91.9,	148.5,	0.0,	1.2);
(84.8,	155.6,	0.0,	1.2);	(77.8,	162.6,	0.0,	1.2);
(70.7,	169.7,	0.0,	1.2);	(63.6,	176.8,	0.0,	1.2);
(56.6,	183.9,	0.0,	1.2);	(49.5,	190.9,	0.0,	1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

(183.9,	42.4,	0.0,	1.2);	(176.8,	49.5,	0.0,	1.2);
(169.7,	56.6,	0.0,	1.2);	(162.6,	63.6,	0.0,	1.2);
(155.6,	70.7,	0.0,	1.2);	(148.5,	77.8,	0.0,	1.2);
(141.4,	84.8,	0.0,	1.2);	(134.4,	91.9,	0.0,	1.2);
(130.8,	95.5,	0.0,	1.2);	(127.3,	99.0,	0.0,	1.2);
(125.2,	101.1,	0.0,	1.2);	(123.7,	102.5,	0.0,	1.2);
(122.3,	103.9,	0.0,	1.2);	(120.9,	105.4,	0.0,	1.2);
(119.5,	106.8,	0.0,	1.2);	(106.8,	119.5,	0.0,	1.2);
(105.4,	120.9,	0.0,	1.2);	(103.9,	122.3,	0.0,	1.2);
(102.5,	123.7,	0.0,	1.2);	(101.1,	125.2,	0.0,	1.2);
(99.0,	127.3,	0.0,	1.2);	(95.5,	130.8,	0.0,	1.2);
(91.9,	134.4,	0.0,	1.2);	(84.8,	141.4,	0.0,	1.2);
(77.8,	148.5,	0.0,	1.2);	(70.7,	155.6,	0.0,	1.2);
(63.6,	162.6,	0.0,	1.2);	(56.6,	169.7,	0.0,	1.2);
(49.5,	176.8,	0.0,	1.2);	(42.4,	183.9,	0.0,	1.2);
(176.8,	35.4,	0.0,	1.2);	(169.7,	42.4,	0.0,	1.2);
(162.6,	49.5,	0.0,	1.2);	(155.6,	56.6,	0.0,	1.2);
(148.5,	63.6,	0.0,	1.2);	(141.4,	70.7,	0.0,	1.2);
(134.4,	77.8,	0.0,	1.2);	(127.3,	84.8,	0.0,	1.2);
(123.7,	88.4,	0.0,	1.2);	(120.2,	91.9,	0.0,	1.2);
(118.1,	94.1,	0.0,	1.2);	(116.7,	95.5,	0.0,	1.2);
(115.3,	96.9,	0.0,	1.2);	(113.8,	98.3,	0.0,	1.2);
(112.4,	99.7,	0.0,	1.2);	(99.7,	112.4,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(98.3,	113.8,	0.0,	1.2);	(96.9,	115.3,	0.0,	1.2);
(95.5,	116.7,	0.0,	1.2);	(94.1,	118.1,	0.0,	1.2);
(91.9,	120.2,	0.0,	1.2);	(88.4,	123.7,	0.0,	1.2);
(84.8,	127.3,	0.0,	1.2);	(77.8,	134.4,	0.0,	1.2);
(70.7,	141.4,	0.0,	1.2);	(63.6,	148.5,	0.0,	1.2);
(56.6,	155.6,	0.0,	1.2);	(49.5,	162.6,	0.0,	1.2);
(42.4,	169.7,	0.0,	1.2);	(35.4,	176.8,	0.0,	1.2);
(169.7,	28.3,	0.0,	1.2);	(162.6,	35.4,	0.0,	1.2);
(155.6,	42.4,	0.0,	1.2);	(148.5,	49.5,	0.0,	1.2);
(141.4,	56.6,	0.0,	1.2);	(134.4,	63.6,	0.0,	1.2);
(127.3,	70.7,	0.0,	1.2);	(120.2,	77.8,	0.0,	1.2);
(116.7,	81.3,	0.0,	1.2);	(113.1,	84.8,	0.0,	1.2);
(111.0,	87.0,	0.0,	1.2);	(109.6,	88.4,	0.0,	1.2);
(108.2,	89.8,	0.0,	1.2);	(106.8,	91.2,	0.0,	1.2);
(105.4,	92.6,	0.0,	1.2);	(92.6,	105.4,	0.0,	1.2);
(91.2,	106.8,	0.0,	1.2);	(89.8,	108.2,	0.0,	1.2);
(88.4,	109.6,	0.0,	1.2);	(87.0,	111.0,	0.0,	1.2);
(84.8,	113.1,	0.0,	1.2);	(81.3,	116.7,	0.0,	1.2);
(77.8,	120.2,	0.0,	1.2);	(70.7,	127.3,	0.0,	1.2);
(63.6,	134.4,	0.0,	1.2);	(56.6,	141.4,	0.0,	1.2);
(49.5,	148.5,	0.0,	1.2);	(42.4,	155.6,	0.0,	1.2);
(35.4,	162.6,	0.0,	1.2);	(28.3,	169.7,	0.0,	1.2);

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

14:52:42
 **MODELOPTs:
 PAGE 8
 CONC

URBAN FLAT FLGPOL DFAULT

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

(162.6,	21.2,	0.0,	1.2);	(155.6,	28.3,	0.0,	1.2);
(148.5,	35.4,	0.0,	1.2);	(141.4,	42.4,	0.0,	1.2);
(134.4,	49.5,	0.0,	1.2);	(127.3,	56.6,	0.0,	1.2);
(120.2,	63.6,	0.0,	1.2);	(113.1,	70.7,	0.0,	1.2);
(109.6,	74.2,	0.0,	1.2);	(106.1,	77.8,	0.0,	1.2);
(103.9,	79.9,	0.0,	1.2);	(102.5,	81.3,	0.0,	1.2);
(101.1,	82.7,	0.0,	1.2);	(99.7,	84.2,	0.0,	1.2);
(98.3,	85.6,	0.0,	1.2);	(85.6,	98.3,	0.0,	1.2);
(84.2,	99.7,	0.0,	1.2);	(82.7,	101.1,	0.0,	1.2);
(81.3,	102.5,	0.0,	1.2);	(79.9,	103.9,	0.0,	1.2);
(77.8,	106.1,	0.0,	1.2);	(74.2,	109.6,	0.0,	1.2);
(70.7,	113.1,	0.0,	1.2);	(63.6,	120.2,	0.0,	1.2);
(56.6,	127.3,	0.0,	1.2);	(49.5,	134.4,	0.0,	1.2);
(42.4,	141.4,	0.0,	1.2);	(35.4,	148.5,	0.0,	1.2);
(28.3,	155.6,	0.0,	1.2);	(21.2,	162.6,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(155.6,	14.1,	0.0,	1.2);	(148.5,	21.2,	0.0,	1.2);
(141.4,	28.3,	0.0,	1.2);	(134.4,	35.4,	0.0,	1.2);
(127.3,	42.4,	0.0,	1.2);	(120.2,	49.5,	0.0,	1.2);
(113.1,	56.6,	0.0,	1.2);	(106.1,	63.6,	0.0,	1.2);
(102.5,	67.2,	0.0,	1.2);	(99.0,	70.7,	0.0,	1.2);
(96.9,	72.8,	0.0,	1.2);	(95.5,	74.2,	0.0,	1.2);
(94.1,	75.7,	0.0,	1.2);	(92.6,	77.1,	0.0,	1.2);
(91.2,	78.5,	0.0,	1.2);	(78.5,	91.2,	0.0,	1.2);
(77.1,	92.6,	0.0,	1.2);	(75.7,	94.1,	0.0,	1.2);
(74.2,	95.5,	0.0,	1.2);	(72.8,	96.9,	0.0,	1.2);
(70.7,	99.0,	0.0,	1.2);	(67.2,	102.5,	0.0,	1.2);
(63.6,	106.1,	0.0,	1.2);	(56.6,	113.1,	0.0,	1.2);
(49.5,	120.2,	0.0,	1.2);	(42.4,	127.3,	0.0,	1.2);
(35.4,	134.4,	0.0,	1.2);	(28.3,	141.4,	0.0,	1.2);
(21.2,	148.5,	0.0,	1.2);	(14.1,	155.6,	0.0,	1.2);
(148.5,	7.1,	0.0,	1.2);	(141.4,	14.1,	0.0,	1.2);
(134.4,	21.2,	0.0,	1.2);	(127.3,	28.3,	0.0,	1.2);
(120.2,	35.4,	0.0,	1.2);	(113.1,	42.4,	0.0,	1.2);
(106.1,	49.5,	0.0,	1.2);	(99.0,	56.6,	0.0,	1.2);
(95.5,	60.1,	0.0,	1.2);	(91.9,	63.6,	0.0,	1.2);
(89.8,	65.8,	0.0,	1.2);	(88.4,	67.2,	0.0,	1.2);
(87.0,	68.6,	0.0,	1.2);	(85.6,	70.0,	0.0,	1.2);
(84.2,	71.4,	0.0,	1.2);	(71.4,	84.2,	0.0,	1.2);
(70.0,	85.6,	0.0,	1.2);	(68.6,	87.0,	0.0,	1.2);
(67.2,	88.4,	0.0,	1.2);	(65.8,	89.8,	0.0,	1.2);
(63.6,	91.9,	0.0,	1.2);	(60.1,	95.5,	0.0,	1.2);
(56.6,	99.0,	0.0,	1.2);	(49.5,	106.1,	0.0,	1.2);
(42.4,	113.1,	0.0,	1.2);	(35.4,	120.2,	0.0,	1.2);
(28.3,	127.3,	0.0,	1.2);	(21.2,	134.4,	0.0,	1.2);
(14.1,	141.4,	0.0,	1.2);	(7.1,	148.5,	0.0,	1.2);

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

(141.4,	0.0,	0.0,	1.2);	(134.4,	7.1,	0.0,	1.2);
(127.3,	14.1,	0.0,	1.2);	(120.2,	21.2,	0.0,	1.2);
(113.1,	28.3,	0.0,	1.2);	(106.1,	35.4,	0.0,	1.2);
(99.0,	42.4,	0.0,	1.2);	(91.9,	49.5,	0.0,	1.2);
(88.4,	53.0,	0.0,	1.2);	(84.8,	56.6,	0.0,	1.2);
(82.7,	58.7,	0.0,	1.2);	(81.3,	60.1,	0.0,	1.2);
(79.9,	61.5,	0.0,	1.2);	(78.5,	62.9,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(77.1,	64.3,	0.0,	1.2);	(64.3,	77.1,	0.0,	1.2);
(62.9,	78.5,	0.0,	1.2);	(61.5,	79.9,	0.0,	1.2);
(60.1,	81.3,	0.0,	1.2);	(58.7,	82.7,	0.0,	1.2);
(56.6,	84.8,	0.0,	1.2);	(53.0,	88.4,	0.0,	1.2);
(49.5,	91.9,	0.0,	1.2);	(42.4,	99.0,	0.0,	1.2);
(35.4,	106.1,	0.0,	1.2);	(28.3,	113.1,	0.0,	1.2);
(21.2,	120.2,	0.0,	1.2);	(14.1,	127.3,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	141.4,	0.0,	1.2);
(134.4,	-7.1,	0.0,	1.2);	(127.3,	0.0,	0.0,	1.2);
(120.2,	7.1,	0.0,	1.2);	(113.1,	14.1,	0.0,	1.2);
(106.1,	21.2,	0.0,	1.2);	(99.0,	28.3,	0.0,	1.2);
(91.9,	35.4,	0.0,	1.2);	(84.8,	42.4,	0.0,	1.2);
(81.3,	46.0,	0.0,	1.2);	(77.8,	49.5,	0.0,	1.2);
(75.7,	51.6,	0.0,	1.2);	(74.2,	53.0,	0.0,	1.2);
(72.8,	54.5,	0.0,	1.2);	(71.4,	55.9,	0.0,	1.2);
(70.0,	57.3,	0.0,	1.2);	(57.3,	70.0,	0.0,	1.2);
(55.9,	71.4,	0.0,	1.2);	(54.5,	72.8,	0.0,	1.2);
(53.0,	74.2,	0.0,	1.2);	(51.6,	75.7,	0.0,	1.2);
(49.5,	77.8,	0.0,	1.2);	(46.0,	81.3,	0.0,	1.2);
(42.4,	84.8,	0.0,	1.2);	(35.4,	91.9,	0.0,	1.2);
(28.3,	99.0,	0.0,	1.2);	(21.2,	106.1,	0.0,	1.2);
(14.1,	113.1,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	127.3,	0.0,	1.2);	(-7.1,	134.4,	0.0,	1.2);
(127.3,	-14.1,	0.0,	1.2);	(120.2,	-7.1,	0.0,	1.2);
(113.1,	0.0,	0.0,	1.2);	(106.1,	7.1,	0.0,	1.2);
(99.0,	14.1,	0.0,	1.2);	(91.9,	21.2,	0.0,	1.2);
(84.8,	28.3,	0.0,	1.2);	(77.8,	35.4,	0.0,	1.2);
(74.2,	38.9,	0.0,	1.2);	(70.7,	42.4,	0.0,	1.2);
(68.6,	44.5,	0.0,	1.2);	(67.2,	46.0,	0.0,	1.2);
(65.8,	47.4,	0.0,	1.2);	(64.3,	48.8,	0.0,	1.2);
(62.9,	50.2,	0.0,	1.2);	(50.2,	62.9,	0.0,	1.2);
(48.8,	64.3,	0.0,	1.2);	(47.4,	65.8,	0.0,	1.2);
(46.0,	67.2,	0.0,	1.2);	(44.5,	68.6,	0.0,	1.2);
(42.4,	70.7,	0.0,	1.2);	(38.9,	74.2,	0.0,	1.2);
(35.4,	77.8,	0.0,	1.2);	(28.3,	84.8,	0.0,	1.2);
(21.2,	91.9,	0.0,	1.2);	(14.1,	99.0,	0.0,	1.2);
(7.1,	106.1,	0.0,	1.2);	(0.0,	113.1,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	127.3,	0.0,	1.2);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN NE-SW Bound
(METERS)

(120.2,	-21.2,	0.0,	1.2);	(113.1,	-14.1,	0.0,	1.2);
(106.1,	-7.1,	0.0,	1.2);	(99.0,	0.0,	0.0,	1.2);
(91.9,	7.1,	0.0,	1.2);	(84.8,	14.1,	0.0,	1.2);
(77.8,	21.2,	0.0,	1.2);	(70.7,	28.3,	0.0,	1.2);
(67.2,	31.8,	0.0,	1.2);	(63.6,	35.4,	0.0,	1.2);
(61.5,	37.5,	0.0,	1.2);	(60.1,	38.9,	0.0,	1.2);
(58.7,	40.3,	0.0,	1.2);	(57.3,	41.7,	0.0,	1.2);
(55.9,	43.1,	0.0,	1.2);	(43.1,	55.9,	0.0,	1.2);
(41.7,	57.3,	0.0,	1.2);	(40.3,	58.7,	0.0,	1.2);
(38.9,	60.1,	0.0,	1.2);	(37.5,	61.5,	0.0,	1.2);
(35.4,	63.6,	0.0,	1.2);	(31.8,	67.2,	0.0,	1.2);
(28.3,	70.7,	0.0,	1.2);	(21.2,	77.8,	0.0,	1.2);
(14.1,	84.8,	0.0,	1.2);	(7.1,	91.9,	0.0,	1.2);
(0.0,	99.0,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	113.1,	0.0,	1.2);	(-21.2,	120.2,	0.0,	1.2);
(113.1,	-28.3,	0.0,	1.2);	(106.1,	-21.2,	0.0,	1.2);
(99.0,	-14.1,	0.0,	1.2);	(91.9,	-7.1,	0.0,	1.2);
(84.8,	0.0,	0.0,	1.2);	(77.8,	7.1,	0.0,	1.2);
(70.7,	14.1,	0.0,	1.2);	(63.6,	21.2,	0.0,	1.2);
(60.1,	24.8,	0.0,	1.2);	(56.6,	28.3,	0.0,	1.2);
(54.5,	30.4,	0.0,	1.2);	(53.0,	31.8,	0.0,	1.2);
(51.6,	33.2,	0.0,	1.2);	(50.2,	34.7,	0.0,	1.2);
(48.8,	36.1,	0.0,	1.2);	(36.1,	48.8,	0.0,	1.2);
(34.7,	50.2,	0.0,	1.2);	(33.2,	51.6,	0.0,	1.2);
(31.8,	53.0,	0.0,	1.2);	(30.4,	54.5,	0.0,	1.2);
(28.3,	56.6,	0.0,	1.2);	(24.8,	60.1,	0.0,	1.2);
(21.2,	63.6,	0.0,	1.2);	(14.1,	70.7,	0.0,	1.2);
(7.1,	77.8,	0.0,	1.2);	(0.0,	84.8,	0.0,	1.2);
(-7.1,	91.9,	0.0,	1.2);	(-14.1,	99.0,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	113.1,	0.0,	1.2);
(106.1,	-35.4,	0.0,	1.2);	(99.0,	-28.3,	0.0,	1.2);
(91.9,	-21.2,	0.0,	1.2);	(84.8,	-14.1,	0.0,	1.2);
(77.8,	-7.1,	0.0,	1.2);	(70.7,	0.0,	0.0,	1.2);
(63.6,	7.1,	0.0,	1.2);	(56.6,	14.1,	0.0,	1.2);
(53.0,	17.7,	0.0,	1.2);	(49.5,	21.2,	0.0,	1.2);
(47.4,	23.3,	0.0,	1.2);	(46.0,	24.8,	0.0,	1.2);
(44.5,	26.2,	0.0,	1.2);	(43.1,	27.6,	0.0,	1.2);
(41.7,	29.0,	0.0,	1.2);	(29.0,	41.7,	0.0,	1.2);
(27.6,	43.1,	0.0,	1.2);	(26.2,	44.5,	0.0,	1.2);
(24.8,	46.0,	0.0,	1.2);	(23.3,	47.4,	0.0,	1.2);
(21.2,	49.5,	0.0,	1.2);	(17.7,	53.0,	0.0,	1.2);
(14.1,	56.6,	0.0,	1.2);	(7.1,	63.6,	0.0,	1.2);
(0.0,	70.7,	0.0,	1.2);	(-7.1,	77.8,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-14.1, 84.8, 0.0, 1.2); (-21.2, 91.9, 0.0, 1.2);
(-28.3, 99.0, 0.0, 1.2); (-35.4, 106.1, 0.0, 1.2);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(99.0, -42.4, 0.0, 1.2); (91.9, -35.4, 0.0, 1.2);
(84.8, -28.3, 0.0, 1.2); (77.8, -21.2, 0.0, 1.2);
(70.7, -14.1, 0.0, 1.2); (63.6, -7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2); (49.5, 7.1, 0.0, 1.2);
(46.0, 10.6, 0.0, 1.2); (42.4, 14.1, 0.0, 1.2);
(40.3, 16.3, 0.0, 1.2); (38.9, 17.7, 0.0, 1.2);
(37.5, 19.1, 0.0, 1.2); (36.1, 20.5, 0.0, 1.2);
(34.7, 21.9, 0.0, 1.2); (21.9, 34.7, 0.0, 1.2);
(20.5, 36.1, 0.0, 1.2); (19.1, 37.5, 0.0, 1.2);
(17.7, 38.9, 0.0, 1.2); (16.3, 40.3, 0.0, 1.2);
(14.1, 42.4, 0.0, 1.2); (10.6, 46.0, 0.0, 1.2);
(7.1, 49.5, 0.0, 1.2); (0.0, 56.6, 0.0, 1.2);
(-7.1, 63.6, 0.0, 1.2); (-14.1, 70.7, 0.0, 1.2);
(-21.2, 77.8, 0.0, 1.2); (-28.3, 84.8, 0.0, 1.2);
(-35.4, 91.9, 0.0, 1.2); (-42.4, 99.0, 0.0, 1.2);
(91.9, -49.5, 0.0, 1.2); (84.8, -42.4, 0.0, 1.2);
(77.8, -35.4, 0.0, 1.2); (70.7, -28.3, 0.0, 1.2);
(63.6, -21.2, 0.0, 1.2); (56.6, -14.1, 0.0, 1.2);
(49.5, -7.1, 0.0, 1.2); (42.4, 0.0, 0.0, 1.2);
(38.9, 3.5, 0.0, 1.2); (35.4, 7.1, 0.0, 1.2);
(33.2, 9.2, 0.0, 1.2); (31.8, 10.6, 0.0, 1.2);
(30.4, 12.0, 0.0, 1.2); (29.0, 13.4, 0.0, 1.2);
(27.6, 14.9, 0.0, 1.2); (14.9, 27.6, 0.0, 1.2);
(13.4, 29.0, 0.0, 1.2); (12.0, 30.4, 0.0, 1.2);
(10.6, 31.8, 0.0, 1.2); (9.2, 33.2, 0.0, 1.2);
(7.1, 35.4, 0.0, 1.2); (3.5, 38.9, 0.0, 1.2);
(0.0, 42.4, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
(-14.1, 56.6, 0.0, 1.2); (-21.2, 63.6, 0.0, 1.2);
(-28.3, 70.7, 0.0, 1.2); (-35.4, 77.8, 0.0, 1.2);
(-42.4, 84.8, 0.0, 1.2); (-49.5, 91.9, 0.0, 1.2);
(84.8, -56.6, 0.0, 1.2); (77.8, -49.5, 0.0, 1.2);
(70.7, -42.4, 0.0, 1.2); (63.6, -35.4, 0.0, 1.2);
(56.6, -28.3, 0.0, 1.2); (49.5, -21.2, 0.0, 1.2);
(42.4, -14.1, 0.0, 1.2); (35.4, -7.1, 0.0, 1.2);
(31.8, -3.5, 0.0, 1.2); (28.3, 0.0, 0.0, 1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(26.2,	2.1,	0.0,	1.2);	(24.8,	3.5,	0.0,	1.2);
(23.3,	4.9,	0.0,	1.2);	(21.9,	6.4,	0.0,	1.2);
(20.5,	7.8,	0.0,	1.2);	(7.8,	20.5,	0.0,	1.2);
(6.4,	21.9,	0.0,	1.2);	(4.9,	23.3,	0.0,	1.2);
(3.5,	24.8,	0.0,	1.2);	(2.1,	26.2,	0.0,	1.2);
(0.0,	28.3,	0.0,	1.2);	(-3.5,	31.8,	0.0,	1.2);
(-7.1,	35.4,	0.0,	1.2);	(-14.1,	42.4,	0.0,	1.2);
(-21.2,	49.5,	0.0,	1.2);	(-28.3,	56.6,	0.0,	1.2);
(-35.4,	63.6,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-49.5,	77.8,	0.0,	1.2);	(-56.6,	84.8,	0.0,	1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

(77.8,	-63.6,	0.0,	1.2);	(70.7,	-56.6,	0.0,	1.2);
(63.6,	-49.5,	0.0,	1.2);	(56.6,	-42.4,	0.0,	1.2);
(49.5,	-35.4,	0.0,	1.2);	(42.4,	-28.3,	0.0,	1.2);
(35.4,	-21.2,	0.0,	1.2);	(28.3,	-14.1,	0.0,	1.2);
(24.8,	-10.6,	0.0,	1.2);	(21.2,	-7.1,	0.0,	1.2);
(19.1,	-4.9,	0.0,	1.2);	(17.7,	-3.5,	0.0,	1.2);
(16.3,	-2.1,	0.0,	1.2);	(14.9,	-0.7,	0.0,	1.2);
(13.4,	0.7,	0.0,	1.2);	(0.7,	13.4,	0.0,	1.2);
(-0.7,	14.9,	0.0,	1.2);	(-2.1,	16.3,	0.0,	1.2);
(-3.5,	17.7,	0.0,	1.2);	(-4.9,	19.1,	0.0,	1.2);
(-7.1,	21.2,	0.0,	1.2);	(-10.6,	24.8,	0.0,	1.2);
(-14.1,	28.3,	0.0,	1.2);	(-21.2,	35.4,	0.0,	1.2);
(-28.3,	42.4,	0.0,	1.2);	(-35.4,	49.5,	0.0,	1.2);
(-42.4,	56.6,	0.0,	1.2);	(-49.5,	63.6,	0.0,	1.2);
(-56.6,	70.7,	0.0,	1.2);	(-63.6,	77.8,	0.0,	1.2);
(70.7,	-70.7,	0.0,	1.2);	(63.6,	-63.6,	0.0,	1.2);
(56.6,	-56.6,	0.0,	1.2);	(49.5,	-49.5,	0.0,	1.2);
(42.4,	-42.4,	0.0,	1.2);	(35.4,	-35.4,	0.0,	1.2);
(28.3,	-28.3,	0.0,	1.2);	(21.2,	-21.2,	0.0,	1.2);
(17.7,	-17.7,	0.0,	1.2);	(14.1,	-14.1,	0.0,	1.2);
(12.0,	-12.0,	0.0,	1.2);	(10.6,	-10.6,	0.0,	1.2);
(9.2,	-9.2,	0.0,	1.2);	(7.8,	-7.8,	0.0,	1.2);
(6.4,	-6.4,	0.0,	1.2);	(-6.4,	6.4,	0.0,	1.2);
(-7.8,	7.8,	0.0,	1.2);	(-9.2,	9.2,	0.0,	1.2);
(-10.6,	10.6,	0.0,	1.2);	(-12.0,	12.0,	0.0,	1.2);
(-14.1,	14.1,	0.0,	1.2);	(-17.7,	17.7,	0.0,	1.2);
(-21.2,	21.2,	0.0,	1.2);	(-28.3,	28.3,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-35.4,	35.4,	0.0,	1.2);	(-42.4,	42.4,	0.0,	1.2);
(-49.5,	49.5,	0.0,	1.2);	(-56.6,	56.6,	0.0,	1.2);
(-63.6,	63.6,	0.0,	1.2);	(-70.7,	70.7,	0.0,	1.2);
(63.6,	-77.8,	0.0,	1.2);	(56.6,	-70.7,	0.0,	1.2);
(49.5,	-63.6,	0.0,	1.2);	(42.4,	-56.6,	0.0,	1.2);
(35.4,	-49.5,	0.0,	1.2);	(28.3,	-42.4,	0.0,	1.2);
(21.2,	-35.4,	0.0,	1.2);	(14.1,	-28.3,	0.0,	1.2);
(10.6,	-24.8,	0.0,	1.2);	(7.1,	-21.2,	0.0,	1.2);
(4.9,	-19.1,	0.0,	1.2);	(3.5,	-17.7,	0.0,	1.2);
(2.1,	-16.3,	0.0,	1.2);	(0.7,	-14.9,	0.0,	1.2);
(-0.7,	-13.4,	0.0,	1.2);	(-13.4,	-0.7,	0.0,	1.2);
(-14.9,	0.7,	0.0,	1.2);	(-16.3,	2.1,	0.0,	1.2);
(-17.7,	3.5,	0.0,	1.2);	(-19.1,	4.9,	0.0,	1.2);
(-21.2,	7.1,	0.0,	1.2);	(-24.8,	10.6,	0.0,	1.2);
(-28.3,	14.1,	0.0,	1.2);	(-35.4,	21.2,	0.0,	1.2);
(-42.4,	28.3,	0.0,	1.2);	(-49.5,	35.4,	0.0,	1.2);
(-56.6,	42.4,	0.0,	1.2);	(-63.6,	49.5,	0.0,	1.2);
(-70.7,	56.6,	0.0,	1.2);	(-77.8,	63.6,	0.0,	1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
 PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

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

(56.6,	-84.8,	0.0,	1.2);	(49.5,	-77.8,	0.0,	1.2);
(42.4,	-70.7,	0.0,	1.2);	(35.4,	-63.6,	0.0,	1.2);
(28.3,	-56.6,	0.0,	1.2);	(21.2,	-49.5,	0.0,	1.2);
(14.1,	-42.4,	0.0,	1.2);	(7.1,	-35.4,	0.0,	1.2);
(3.5,	-31.8,	0.0,	1.2);	(0.0,	-28.3,	0.0,	1.2);
(-2.1,	-26.2,	0.0,	1.2);	(-3.5,	-24.8,	0.0,	1.2);
(-4.9,	-23.3,	0.0,	1.2);	(-6.4,	-21.9,	0.0,	1.2);
(-7.8,	-20.5,	0.0,	1.2);	(-20.5,	-7.8,	0.0,	1.2);
(-21.9,	-6.4,	0.0,	1.2);	(-23.3,	-4.9,	0.0,	1.2);
(-24.8,	-3.5,	0.0,	1.2);	(-26.2,	-2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	3.5,	0.0,	1.2);
(-35.4,	7.1,	0.0,	1.2);	(-42.4,	14.1,	0.0,	1.2);
(-49.5,	21.2,	0.0,	1.2);	(-56.6,	28.3,	0.0,	1.2);
(-63.6,	35.4,	0.0,	1.2);	(-70.7,	42.4,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-84.8,	56.6,	0.0,	1.2);
(49.5,	-91.9,	0.0,	1.2);	(42.4,	-84.8,	0.0,	1.2);
(35.4,	-77.8,	0.0,	1.2);	(28.3,	-70.7,	0.0,	1.2);
(21.2,	-63.6,	0.0,	1.2);	(14.1,	-56.6,	0.0,	1.2);
(7.1,	-49.5,	0.0,	1.2);	(0.0,	-42.4,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

```
( -3.5, -38.9, 0.0, 1.2); ( -7.1, -35.4, 0.0, 1.2);
( -9.2, -33.2, 0.0, 1.2); ( -10.6, -31.8, 0.0, 1.2);
( -12.0, -30.4, 0.0, 1.2); ( -13.4, -29.0, 0.0, 1.2);
( -14.9, -27.6, 0.0, 1.2); ( -27.6, -14.9, 0.0, 1.2);
( -29.0, -13.4, 0.0, 1.2); ( -30.4, -12.0, 0.0, 1.2);
( -31.8, -10.6, 0.0, 1.2); ( -33.2, -9.2, 0.0, 1.2);
( -35.4, -7.1, 0.0, 1.2); ( -38.9, -3.5, 0.0, 1.2);
( -42.4, 0.0, 0.0, 1.2); ( -49.5, 7.1, 0.0, 1.2);
( -56.6, 14.1, 0.0, 1.2); ( -63.6, 21.2, 0.0, 1.2);
( -70.7, 28.3, 0.0, 1.2); ( -77.8, 35.4, 0.0, 1.2);
( -84.8, 42.4, 0.0, 1.2); ( -91.9, 49.5, 0.0, 1.2);
( 42.4, -99.0, 0.0, 1.2); ( 35.4, -91.9, 0.0, 1.2);
( 28.3, -84.8, 0.0, 1.2); ( 21.2, -77.8, 0.0, 1.2);
( 14.1, -70.7, 0.0, 1.2); ( 7.1, -63.6, 0.0, 1.2);
( 0.0, -56.6, 0.0, 1.2); ( -7.1, -49.5, 0.0, 1.2);
( -10.6, -46.0, 0.0, 1.2); ( -14.1, -42.4, 0.0, 1.2);
( -16.3, -40.3, 0.0, 1.2); ( -17.7, -38.9, 0.0, 1.2);
( -19.1, -37.5, 0.0, 1.2); ( -20.5, -36.1, 0.0, 1.2);
( -21.9, -34.7, 0.0, 1.2); ( -34.7, -21.9, 0.0, 1.2);
( -36.1, -20.5, 0.0, 1.2); ( -37.5, -19.1, 0.0, 1.2);
( -38.9, -17.7, 0.0, 1.2); ( -40.3, -16.3, 0.0, 1.2);
( -42.4, -14.1, 0.0, 1.2); ( -46.0, -10.6, 0.0, 1.2);
( -49.5, -7.1, 0.0, 1.2); ( -56.6, 0.0, 0.0, 1.2);
( -63.6, 7.1, 0.0, 1.2); ( -70.7, 14.1, 0.0, 1.2);
( -77.8, 21.2, 0.0, 1.2); ( -84.8, 28.3, 0.0, 1.2);
( -91.9, 35.4, 0.0, 1.2); ( -99.0, 42.4, 0.0, 1.2);
```

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

```
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**MODELOPTs:
PAGE 14
CONC
```

URBAN FLAT FLGPOL DFAULT

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

```
( 35.4, -106.1, 0.0, 1.2); ( 28.3, -99.0, 0.0, 1.2);
( 21.2, -91.9, 0.0, 1.2); ( 14.1, -84.8, 0.0, 1.2);
( 7.1, -77.8, 0.0, 1.2); ( 0.0, -70.7, 0.0, 1.2);
( -7.1, -63.6, 0.0, 1.2); ( -14.1, -56.6, 0.0, 1.2);
( -17.7, -53.0, 0.0, 1.2); ( -21.2, -49.5, 0.0, 1.2);
( -23.3, -47.4, 0.0, 1.2); ( -24.8, -46.0, 0.0, 1.2);
( -26.2, -44.5, 0.0, 1.2); ( -27.6, -43.1, 0.0, 1.2);
( -29.0, -41.7, 0.0, 1.2); ( -41.7, -29.0, 0.0, 1.2);
( -43.1, -27.6, 0.0, 1.2); ( -44.5, -26.2, 0.0, 1.2);
( -46.0, -24.8, 0.0, 1.2); ( -47.4, -23.3, 0.0, 1.2);
( -49.5, -21.2, 0.0, 1.2); ( -53.0, -17.7, 0.0, 1.2);
```

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-56.6, -14.1, 0.0, 1.2);	(-63.6, -7.1, 0.0, 1.2);
(-70.7, 0.0, 0.0, 1.2);	(-77.8, 7.1, 0.0, 1.2);
(-84.8, 14.1, 0.0, 1.2);	(-91.9, 21.2, 0.0, 1.2);
(-99.0, 28.3, 0.0, 1.2);	(-106.1, 35.4, 0.0, 1.2);
(28.3, -113.1, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -99.0, 0.0, 1.2);	(7.1, -91.9, 0.0, 1.2);
(0.0, -84.8, 0.0, 1.2);	(-7.1, -77.8, 0.0, 1.2);
(-14.1, -70.7, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-24.8, -60.1, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-30.4, -54.5, 0.0, 1.2);	(-31.8, -53.0, 0.0, 1.2);
(-33.2, -51.6, 0.0, 1.2);	(-34.7, -50.2, 0.0, 1.2);
(-36.1, -48.8, 0.0, 1.2);	(-48.8, -36.1, 0.0, 1.2);
(-50.2, -34.7, 0.0, 1.2);	(-51.6, -33.2, 0.0, 1.2);
(-53.0, -31.8, 0.0, 1.2);	(-54.5, -30.4, 0.0, 1.2);
(-56.6, -28.3, 0.0, 1.2);	(-60.1, -24.8, 0.0, 1.2);
(-63.6, -21.2, 0.0, 1.2);	(-70.7, -14.1, 0.0, 1.2);
(-77.8, -7.1, 0.0, 1.2);	(-84.8, 0.0, 0.0, 1.2);
(-91.9, 7.1, 0.0, 1.2);	(-99.0, 14.1, 0.0, 1.2);
(-106.1, 21.2, 0.0, 1.2);	(-113.1, 28.3, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -113.1, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -99.0, 0.0, 1.2);
(-7.1, -91.9, 0.0, 1.2);	(-14.1, -84.8, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -70.7, 0.0, 1.2);
(-31.8, -67.2, 0.0, 1.2);	(-35.4, -63.6, 0.0, 1.2);
(-37.5, -61.5, 0.0, 1.2);	(-38.9, -60.1, 0.0, 1.2);
(-40.3, -58.7, 0.0, 1.2);	(-41.7, -57.3, 0.0, 1.2);
(-43.1, -55.9, 0.0, 1.2);	(-55.9, -43.1, 0.0, 1.2);
(-57.3, -41.7, 0.0, 1.2);	(-58.7, -40.3, 0.0, 1.2);
(-60.1, -38.9, 0.0, 1.2);	(-61.5, -37.5, 0.0, 1.2);
(-63.6, -35.4, 0.0, 1.2);	(-67.2, -31.8, 0.0, 1.2);
(-70.7, -28.3, 0.0, 1.2);	(-77.8, -21.2, 0.0, 1.2);
(-84.8, -14.1, 0.0, 1.2);	(-91.9, -7.1, 0.0, 1.2);
(-99.0, 0.0, 0.0, 1.2);	(-106.1, 7.1, 0.0, 1.2);
(-113.1, 14.1, 0.0, 1.2);	(-120.2, 21.2, 0.0, 1.2);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTS:
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URBAN FLAT FLGPOL DFAULT

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

(14.1, -127.3, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -113.1, 0.0, 1.2);	(-7.1, -106.1, 0.0, 1.2);
(-14.1, -99.0, 0.0, 1.2);	(-21.2, -91.9, 0.0, 1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-28.3, -84.8, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-38.9, -74.2, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-44.5, -68.6, 0.0, 1.2);	(-46.0, -67.2, 0.0, 1.2);
(-47.4, -65.8, 0.0, 1.2);	(-48.8, -64.3, 0.0, 1.2);
(-50.2, -62.9, 0.0, 1.2);	(-62.9, -50.2, 0.0, 1.2);
(-64.3, -48.8, 0.0, 1.2);	(-65.8, -47.4, 0.0, 1.2);
(-67.2, -46.0, 0.0, 1.2);	(-68.6, -44.5, 0.0, 1.2);
(-70.7, -42.4, 0.0, 1.2);	(-74.2, -38.9, 0.0, 1.2);
(-77.8, -35.4, 0.0, 1.2);	(-84.8, -28.3, 0.0, 1.2);
(-91.9, -21.2, 0.0, 1.2);	(-99.0, -14.1, 0.0, 1.2);
(-106.1, -7.1, 0.0, 1.2);	(-113.1, 0.0, 0.0, 1.2);
(-120.2, 7.1, 0.0, 1.2);	(-127.3, 14.1, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -127.3, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -113.1, 0.0, 1.2);
(-21.2, -106.1, 0.0, 1.2);	(-28.3, -99.0, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -84.8, 0.0, 1.2);
(-46.0, -81.3, 0.0, 1.2);	(-49.5, -77.8, 0.0, 1.2);
(-51.6, -75.7, 0.0, 1.2);	(-53.0, -74.2, 0.0, 1.2);
(-54.5, -72.8, 0.0, 1.2);	(-55.9, -71.4, 0.0, 1.2);
(-57.3, -70.0, 0.0, 1.2);	(-70.0, -57.3, 0.0, 1.2);
(-71.4, -55.9, 0.0, 1.2);	(-72.8, -54.5, 0.0, 1.2);
(-74.2, -53.0, 0.0, 1.2);	(-75.7, -51.6, 0.0, 1.2);
(-77.8, -49.5, 0.0, 1.2);	(-81.3, -46.0, 0.0, 1.2);
(-84.8, -42.4, 0.0, 1.2);	(-91.9, -35.4, 0.0, 1.2);
(-99.0, -28.3, 0.0, 1.2);	(-106.1, -21.2, 0.0, 1.2);
(-113.1, -14.1, 0.0, 1.2);	(-120.2, -7.1, 0.0, 1.2);
(-127.3, 0.0, 0.0, 1.2);	(-134.4, 7.1, 0.0, 1.2);
(0.0, -141.4, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(-14.1, -127.3, 0.0, 1.2);	(-21.2, -120.2, 0.0, 1.2);
(-28.3, -113.1, 0.0, 1.2);	(-35.4, -106.1, 0.0, 1.2);
(-42.4, -99.0, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(-53.0, -88.4, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(-58.7, -82.7, 0.0, 1.2);	(-60.1, -81.3, 0.0, 1.2);
(-61.5, -79.9, 0.0, 1.2);	(-62.9, -78.5, 0.0, 1.2);
(-64.3, -77.1, 0.0, 1.2);	(-77.1, -64.3, 0.0, 1.2);
(-78.5, -62.9, 0.0, 1.2);	(-79.9, -61.5, 0.0, 1.2);
(-81.3, -60.1, 0.0, 1.2);	(-82.7, -58.7, 0.0, 1.2);
(-84.8, -56.6, 0.0, 1.2);	(-88.4, -53.0, 0.0, 1.2);
(-91.9, -49.5, 0.0, 1.2);	(-99.0, -42.4, 0.0, 1.2);
(-106.1, -35.4, 0.0, 1.2);	(-113.1, -28.3, 0.0, 1.2);
(-120.2, -21.2, 0.0, 1.2);	(-127.3, -14.1, 0.0, 1.2);
(-134.4, -7.1, 0.0, 1.2);	(-141.4, 0.0, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

(-7.1, -148.5, 0.0, 1.2);	(-14.1, -141.4, 0.0, 1.2);
(-21.2, -134.4, 0.0, 1.2);	(-28.3, -127.3, 0.0, 1.2);
(-35.4, -120.2, 0.0, 1.2);	(-42.4, -113.1, 0.0, 1.2);
(-49.5, -106.1, 0.0, 1.2);	(-56.6, -99.0, 0.0, 1.2);
(-60.1, -95.5, 0.0, 1.2);	(-63.6, -91.9, 0.0, 1.2);
(-65.8, -89.8, 0.0, 1.2);	(-67.2, -88.4, 0.0, 1.2);
(-68.6, -87.0, 0.0, 1.2);	(-70.0, -85.6, 0.0, 1.2);
(-71.4, -84.2, 0.0, 1.2);	(-84.2, -71.4, 0.0, 1.2);
(-85.6, -70.0, 0.0, 1.2);	(-87.0, -68.6, 0.0, 1.2);
(-88.4, -67.2, 0.0, 1.2);	(-89.8, -65.8, 0.0, 1.2);
(-91.9, -63.6, 0.0, 1.2);	(-95.5, -60.1, 0.0, 1.2);
(-99.0, -56.6, 0.0, 1.2);	(-106.1, -49.5, 0.0, 1.2);
(-113.1, -42.4, 0.0, 1.2);	(-120.2, -35.4, 0.0, 1.2);
(-127.3, -28.3, 0.0, 1.2);	(-134.4, -21.2, 0.0, 1.2);
(-141.4, -14.1, 0.0, 1.2);	(-148.5, -7.1, 0.0, 1.2);
(-14.1, -155.6, 0.0, 1.2);	(-21.2, -148.5, 0.0, 1.2);
(-28.3, -141.4, 0.0, 1.2);	(-35.4, -134.4, 0.0, 1.2);
(-42.4, -127.3, 0.0, 1.2);	(-49.5, -120.2, 0.0, 1.2);
(-56.6, -113.1, 0.0, 1.2);	(-63.6, -106.1, 0.0, 1.2);
(-67.2, -102.5, 0.0, 1.2);	(-70.7, -99.0, 0.0, 1.2);
(-72.8, -96.9, 0.0, 1.2);	(-74.2, -95.5, 0.0, 1.2);
(-75.7, -94.1, 0.0, 1.2);	(-77.1, -92.6, 0.0, 1.2);
(-78.5, -91.2, 0.0, 1.2);	(-91.2, -78.5, 0.0, 1.2);
(-92.6, -77.1, 0.0, 1.2);	(-94.1, -75.7, 0.0, 1.2);
(-95.5, -74.2, 0.0, 1.2);	(-96.9, -72.8, 0.0, 1.2);
(-99.0, -70.7, 0.0, 1.2);	(-102.5, -67.2, 0.0, 1.2);
(-106.1, -63.6, 0.0, 1.2);	(-113.1, -56.6, 0.0, 1.2);
(-120.2, -49.5, 0.0, 1.2);	(-127.3, -42.4, 0.0, 1.2);
(-134.4, -35.4, 0.0, 1.2);	(-141.4, -28.3, 0.0, 1.2);
(-148.5, -21.2, 0.0, 1.2);	(-155.6, -14.1, 0.0, 1.2);
(-21.2, -162.6, 0.0, 1.2);	(-28.3, -155.6, 0.0, 1.2);
(-35.4, -148.5, 0.0, 1.2);	(-42.4, -141.4, 0.0, 1.2);
(-49.5, -134.4, 0.0, 1.2);	(-56.6, -127.3, 0.0, 1.2);
(-63.6, -120.2, 0.0, 1.2);	(-70.7, -113.1, 0.0, 1.2);
(-74.2, -109.6, 0.0, 1.2);	(-77.8, -106.1, 0.0, 1.2);
(-79.9, -103.9, 0.0, 1.2);	(-81.3, -102.5, 0.0, 1.2);
(-82.7, -101.1, 0.0, 1.2);	(-84.2, -99.7, 0.0, 1.2);
(-85.6, -98.3, 0.0, 1.2);	(-98.3, -85.6, 0.0, 1.2);
(-99.7, -84.2, 0.0, 1.2);	(-101.1, -82.7, 0.0, 1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

```
( -102.5, -81.3, 0.0, 1.2); ( -103.9, -79.9, 0.0, 1.2);
( -106.1, -77.8, 0.0, 1.2); ( -109.6, -74.2, 0.0, 1.2);
( -113.1, -70.7, 0.0, 1.2); ( -120.2, -63.6, 0.0, 1.2);
( -127.3, -56.6, 0.0, 1.2); ( -134.4, -49.5, 0.0, 1.2);
( -141.4, -42.4, 0.0, 1.2); ( -148.5, -35.4, 0.0, 1.2);
( -155.6, -28.3, 0.0, 1.2); ( -162.6, -21.2, 0.0, 1.2);
```

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

```
( -28.3, -169.7, 0.0, 1.2); ( -35.4, -162.6, 0.0, 1.2);
( -42.4, -155.6, 0.0, 1.2); ( -49.5, -148.5, 0.0, 1.2);
( -56.6, -141.4, 0.0, 1.2); ( -63.6, -134.4, 0.0, 1.2);
( -70.7, -127.3, 0.0, 1.2); ( -77.8, -120.2, 0.0, 1.2);
( -81.3, -116.7, 0.0, 1.2); ( -84.8, -113.1, 0.0, 1.2);
( -87.0, -111.0, 0.0, 1.2); ( -88.4, -109.6, 0.0, 1.2);
( -89.8, -108.2, 0.0, 1.2); ( -91.2, -106.8, 0.0, 1.2);
( -92.6, -105.4, 0.0, 1.2); ( -105.4, -92.6, 0.0, 1.2);
( -106.8, -91.2, 0.0, 1.2); ( -108.2, -89.8, 0.0, 1.2);
( -109.6, -88.4, 0.0, 1.2); ( -111.0, -87.0, 0.0, 1.2);
( -113.1, -84.8, 0.0, 1.2); ( -116.7, -81.3, 0.0, 1.2);
( -120.2, -77.8, 0.0, 1.2); ( -127.3, -70.7, 0.0, 1.2);
( -134.4, -63.6, 0.0, 1.2); ( -141.4, -56.6, 0.0, 1.2);
( -148.5, -49.5, 0.0, 1.2); ( -155.6, -42.4, 0.0, 1.2);
( -162.6, -35.4, 0.0, 1.2); ( -169.7, -28.3, 0.0, 1.2);
( -35.4, -176.8, 0.0, 1.2); ( -42.4, -169.7, 0.0, 1.2);
( -49.5, -162.6, 0.0, 1.2); ( -56.6, -155.6, 0.0, 1.2);
( -63.6, -148.5, 0.0, 1.2); ( -70.7, -141.4, 0.0, 1.2);
( -77.8, -134.4, 0.0, 1.2); ( -84.8, -127.3, 0.0, 1.2);
( -88.4, -123.7, 0.0, 1.2); ( -91.9, -120.2, 0.0, 1.2);
( -94.1, -118.1, 0.0, 1.2); ( -95.5, -116.7, 0.0, 1.2);
( -96.9, -115.3, 0.0, 1.2); ( -98.3, -113.8, 0.0, 1.2);
( -99.7, -112.4, 0.0, 1.2); ( -112.4, -99.7, 0.0, 1.2);
( -113.8, -98.3, 0.0, 1.2); ( -115.3, -96.9, 0.0, 1.2);
( -116.7, -95.5, 0.0, 1.2); ( -118.1, -94.1, 0.0, 1.2);
( -120.2, -91.9, 0.0, 1.2); ( -123.7, -88.4, 0.0, 1.2);
( -127.3, -84.8, 0.0, 1.2); ( -134.4, -77.8, 0.0, 1.2);
( -141.4, -70.7, 0.0, 1.2); ( -148.5, -63.6, 0.0, 1.2);
( -155.6, -56.6, 0.0, 1.2); ( -162.6, -49.5, 0.0, 1.2);
( -169.7, -42.4, 0.0, 1.2); ( -176.8, -35.4, 0.0, 1.2);
( -42.4, -183.9, 0.0, 1.2); ( -49.5, -176.8, 0.0, 1.2);
```

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-56.6,	-169.7,	0.0,	1.2);	(-63.6,	-162.6,	0.0,	1.2);
(-70.7,	-155.6,	0.0,	1.2);	(-77.8,	-148.5,	0.0,	1.2);
(-84.8,	-141.4,	0.0,	1.2);	(-91.9,	-134.4,	0.0,	1.2);
(-95.5,	-130.8,	0.0,	1.2);	(-99.0,	-127.3,	0.0,	1.2);
(-101.1,	-125.2,	0.0,	1.2);	(-102.5,	-123.7,	0.0,	1.2);
(-103.9,	-122.3,	0.0,	1.2);	(-105.4,	-120.9,	0.0,	1.2);
(-106.8,	-119.5,	0.0,	1.2);	(-119.5,	-106.8,	0.0,	1.2);
(-120.9,	-105.4,	0.0,	1.2);	(-122.3,	-103.9,	0.0,	1.2);
(-123.7,	-102.5,	0.0,	1.2);	(-125.2,	-101.1,	0.0,	1.2);
(-127.3,	-99.0,	0.0,	1.2);	(-130.8,	-95.5,	0.0,	1.2);
(-134.4,	-91.9,	0.0,	1.2);	(-141.4,	-84.8,	0.0,	1.2);
(-148.5,	-77.8,	0.0,	1.2);	(-155.6,	-70.7,	0.0,	1.2);
(-162.6,	-63.6,	0.0,	1.2);	(-169.7,	-56.6,	0.0,	1.2);
(-176.8,	-49.5,	0.0,	1.2);	(-183.9,	-42.4,	0.0,	1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

(-49.5,	-190.9,	0.0,	1.2);	(-56.6,	-183.9,	0.0,	1.2);
(-63.6,	-176.8,	0.0,	1.2);	(-70.7,	-169.7,	0.0,	1.2);
(-77.8,	-162.6,	0.0,	1.2);	(-84.8,	-155.6,	0.0,	1.2);
(-91.9,	-148.5,	0.0,	1.2);	(-99.0,	-141.4,	0.0,	1.2);
(-102.5,	-137.9,	0.0,	1.2);	(-106.1,	-134.4,	0.0,	1.2);
(-108.2,	-132.2,	0.0,	1.2);	(-109.6,	-130.8,	0.0,	1.2);
(-111.0,	-129.4,	0.0,	1.2);	(-112.4,	-128.0,	0.0,	1.2);
(-113.8,	-126.6,	0.0,	1.2);	(-126.6,	-113.8,	0.0,	1.2);
(-128.0,	-112.4,	0.0,	1.2);	(-129.4,	-111.0,	0.0,	1.2);
(-130.8,	-109.6,	0.0,	1.2);	(-132.2,	-108.2,	0.0,	1.2);
(-134.4,	-106.1,	0.0,	1.2);	(-137.9,	-102.5,	0.0,	1.2);
(-141.4,	-99.0,	0.0,	1.2);	(-148.5,	-91.9,	0.0,	1.2);
(-155.6,	-84.8,	0.0,	1.2);	(-162.6,	-77.8,	0.0,	1.2);
(-169.7,	-70.7,	0.0,	1.2);	(-176.8,	-63.6,	0.0,	1.2);
(-183.9,	-56.6,	0.0,	1.2);	(-190.9,	-49.5,	0.0,	1.2);
(-56.6,	-198.0,	0.0,	1.2);	(-63.6,	-190.9,	0.0,	1.2);
(-70.7,	-183.9,	0.0,	1.2);	(-77.8,	-176.8,	0.0,	1.2);
(-84.8,	-169.7,	0.0,	1.2);	(-91.9,	-162.6,	0.0,	1.2);
(-99.0,	-155.6,	0.0,	1.2);	(-106.1,	-148.5,	0.0,	1.2);
(-109.6,	-145.0,	0.0,	1.2);	(-113.1,	-141.4,	0.0,	1.2);
(-115.3,	-139.3,	0.0,	1.2);	(-116.7,	-137.9,	0.0,	1.2);
(-118.1,	-136.5,	0.0,	1.2);	(-119.5,	-135.1,	0.0,	1.2);
(-120.9,	-133.6,	0.0,	1.2);	(-133.6,	-120.9,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-135.1,	-119.5,	0.0,	1.2);	(-136.5,	-118.1,	0.0,	1.2);
(-137.9,	-116.7,	0.0,	1.2);	(-139.3,	-115.3,	0.0,	1.2);
(-141.4,	-113.1,	0.0,	1.2);	(-145.0,	-109.6,	0.0,	1.2);
(-148.5,	-106.1,	0.0,	1.2);	(-155.6,	-99.0,	0.0,	1.2);
(-162.6,	-91.9,	0.0,	1.2);	(-169.7,	-84.8,	0.0,	1.2);
(-176.8,	-77.8,	0.0,	1.2);	(-183.9,	-70.7,	0.0,	1.2);
(-190.9,	-63.6,	0.0,	1.2);	(-198.0,	-56.6,	0.0,	1.2);
(-63.6,	-205.1,	0.0,	1.2);	(-70.7,	-198.0,	0.0,	1.2);
(-77.8,	-190.9,	0.0,	1.2);	(-84.8,	-183.9,	0.0,	1.2);
(-91.9,	-176.8,	0.0,	1.2);	(-99.0,	-169.7,	0.0,	1.2);
(-106.1,	-162.6,	0.0,	1.2);	(-113.1,	-155.6,	0.0,	1.2);
(-116.7,	-152.0,	0.0,	1.2);	(-120.2,	-148.5,	0.0,	1.2);
(-122.3,	-146.4,	0.0,	1.2);	(-123.7,	-145.0,	0.0,	1.2);
(-125.2,	-143.5,	0.0,	1.2);	(-126.6,	-142.1,	0.0,	1.2);
(-128.0,	-140.7,	0.0,	1.2);	(-140.7,	-128.0,	0.0,	1.2);
(-142.1,	-126.6,	0.0,	1.2);	(-143.5,	-125.2,	0.0,	1.2);
(-145.0,	-123.7,	0.0,	1.2);	(-146.4,	-122.3,	0.0,	1.2);
(-148.5,	-120.2,	0.0,	1.2);	(-152.0,	-116.7,	0.0,	1.2);
(-155.6,	-113.1,	0.0,	1.2);	(-162.6,	-106.1,	0.0,	1.2);
(-169.7,	-99.0,	0.0,	1.2);	(-176.8,	-91.9,	0.0,	1.2);
(-183.9,	-84.8,	0.0,	1.2);	(-190.9,	-77.8,	0.0,	1.2);
(-198.0,	-70.7,	0.0,	1.2);	(-205.1,	-63.6,	0.0,	1.2);

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

(-70.7,	-212.1,	0.0,	1.2);	(-77.8,	-205.1,	0.0,	1.2);
(-84.8,	-198.0,	0.0,	1.2);	(-91.9,	-190.9,	0.0,	1.2);
(-99.0,	-183.9,	0.0,	1.2);	(-106.1,	-176.8,	0.0,	1.2);
(-113.1,	-169.7,	0.0,	1.2);	(-120.2,	-162.6,	0.0,	1.2);
(-123.7,	-159.1,	0.0,	1.2);	(-127.3,	-155.6,	0.0,	1.2);
(-129.4,	-153.4,	0.0,	1.2);	(-130.8,	-152.0,	0.0,	1.2);
(-132.2,	-150.6,	0.0,	1.2);	(-133.6,	-149.2,	0.0,	1.2);
(-135.1,	-147.8,	0.0,	1.2);	(-147.8,	-135.1,	0.0,	1.2);
(-149.2,	-133.6,	0.0,	1.2);	(-150.6,	-132.2,	0.0,	1.2);
(-152.0,	-130.8,	0.0,	1.2);	(-153.4,	-129.4,	0.0,	1.2);
(-155.6,	-127.3,	0.0,	1.2);	(-159.1,	-123.7,	0.0,	1.2);
(-162.6,	-120.2,	0.0,	1.2);	(-169.7,	-113.1,	0.0,	1.2);
(-176.8,	-106.1,	0.0,	1.2);	(-183.9,	-99.0,	0.0,	1.2);
(-190.9,	-91.9,	0.0,	1.2);	(-198.0,	-84.8,	0.0,	1.2);
(-205.1,	-77.8,	0.0,	1.2);	(-212.1,	-70.7,	0.0,	1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-77.8, -219.2, 0.0, 1.2);	(-84.8, -212.1, 0.0, 1.2);
(-91.9, -205.1, 0.0, 1.2);	(-99.0, -198.0, 0.0, 1.2);
(-106.1, -190.9, 0.0, 1.2);	(-113.1, -183.9, 0.0, 1.2);
(-120.2, -176.8, 0.0, 1.2);	(-127.3, -169.7, 0.0, 1.2);
(-130.8, -166.2, 0.0, 1.2);	(-134.4, -162.6, 0.0, 1.2);
(-136.5, -160.5, 0.0, 1.2);	(-137.9, -159.1, 0.0, 1.2);
(-139.3, -157.7, 0.0, 1.2);	(-140.7, -156.3, 0.0, 1.2);
(-142.1, -154.9, 0.0, 1.2);	(-154.9, -142.1, 0.0, 1.2);
(-156.3, -140.7, 0.0, 1.2);	(-157.7, -139.3, 0.0, 1.2);
(-159.1, -137.9, 0.0, 1.2);	(-160.5, -136.5, 0.0, 1.2);
(-162.6, -134.4, 0.0, 1.2);	(-166.2, -130.8, 0.0, 1.2);
(-169.7, -127.3, 0.0, 1.2);	(-176.8, -120.2, 0.0, 1.2);
(-183.9, -113.1, 0.0, 1.2);	(-190.9, -106.1, 0.0, 1.2);
(-198.0, -99.0, 0.0, 1.2);	(-205.1, -91.9, 0.0, 1.2);
(-212.1, -84.8, 0.0, 1.2);	(-219.2, -77.8, 0.0, 1.2);
(-84.8, -226.3, 0.0, 1.2);	(-91.9, -219.2, 0.0, 1.2);
(-99.0, -212.1, 0.0, 1.2);	(-106.1, -205.1, 0.0, 1.2);
(-113.1, -198.0, 0.0, 1.2);	(-120.2, -190.9, 0.0, 1.2);
(-127.3, -183.9, 0.0, 1.2);	(-134.4, -176.8, 0.0, 1.2);
(-137.9, -173.2, 0.0, 1.2);	(-141.4, -169.7, 0.0, 1.2);
(-143.5, -167.6, 0.0, 1.2);	(-145.0, -166.2, 0.0, 1.2);
(-146.4, -164.8, 0.0, 1.2);	(-147.8, -163.3, 0.0, 1.2);
(-149.2, -161.9, 0.0, 1.2);	(-161.9, -149.2, 0.0, 1.2);
(-163.3, -147.8, 0.0, 1.2);	(-164.8, -146.4, 0.0, 1.2);
(-166.2, -145.0, 0.0, 1.2);	(-167.6, -143.5, 0.0, 1.2);
(-169.7, -141.4, 0.0, 1.2);	(-173.2, -137.9, 0.0, 1.2);
(-176.8, -134.4, 0.0, 1.2);	(-183.9, -127.3, 0.0, 1.2);
(-190.9, -120.2, 0.0, 1.2);	(-198.0, -113.1, 0.0, 1.2);
(-205.1, -106.1, 0.0, 1.2);	(-212.1, -99.0, 0.0, 1.2);
(-219.2, -91.9, 0.0, 1.2);	(-226.3, -84.8, 0.0, 1.2);

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-91.9, -233.4, 0.0, 1.2);	(-99.0, -226.3, 0.0, 1.2);
(-106.1, -219.2, 0.0, 1.2);	(-113.1, -212.1, 0.0, 1.2);
(-120.2, -205.1, 0.0, 1.2);	(-127.3, -198.0, 0.0, 1.2);
(-134.4, -190.9, 0.0, 1.2);	(-141.4, -183.9, 0.0, 1.2);
(-145.0, -180.3, 0.0, 1.2);	(-148.5, -176.8, 0.0, 1.2);
(-150.6, -174.7, 0.0, 1.2);	(-152.0, -173.2, 0.0, 1.2);
(-153.4, -171.8, 0.0, 1.2);	(-154.9, -170.4, 0.0, 1.2);

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

(-156.3,	-169.0,	0.0,	1.2);	(-169.0,	-156.3,	0.0,	1.2);
(-170.4,	-154.9,	0.0,	1.2);	(-171.8,	-153.4,	0.0,	1.2);
(-173.2,	-152.0,	0.0,	1.2);	(-174.7,	-150.6,	0.0,	1.2);
(-176.8,	-148.5,	0.0,	1.2);	(-180.3,	-145.0,	0.0,	1.2);
(-183.9,	-141.4,	0.0,	1.2);	(-190.9,	-134.4,	0.0,	1.2);
(-198.0,	-127.3,	0.0,	1.2);	(-205.1,	-120.2,	0.0,	1.2);
(-212.1,	-113.1,	0.0,	1.2);	(-219.2,	-106.1,	0.0,	1.2);
(-226.3,	-99.0,	0.0,	1.2);	(-233.4,	-91.9,	0.0,	1.2);
(-99.0,	-240.4,	0.0,	1.2);	(-106.1,	-233.4,	0.0,	1.2);
(-113.1,	-226.3,	0.0,	1.2);	(-120.2,	-219.2,	0.0,	1.2);
(-127.3,	-212.1,	0.0,	1.2);	(-134.4,	-205.1,	0.0,	1.2);
(-141.4,	-198.0,	0.0,	1.2);	(-148.5,	-190.9,	0.0,	1.2);
(-152.0,	-187.4,	0.0,	1.2);	(-155.6,	-183.9,	0.0,	1.2);
(-157.7,	-181.7,	0.0,	1.2);	(-159.1,	-180.3,	0.0,	1.2);
(-160.5,	-178.9,	0.0,	1.2);	(-161.9,	-177.5,	0.0,	1.2);
(-163.3,	-176.1,	0.0,	1.2);	(-176.1,	-163.3,	0.0,	1.2);
(-177.5,	-161.9,	0.0,	1.2);	(-178.9,	-160.5,	0.0,	1.2);
(-180.3,	-159.1,	0.0,	1.2);	(-181.7,	-157.7,	0.0,	1.2);
(-183.9,	-155.6,	0.0,	1.2);	(-187.4,	-152.0,	0.0,	1.2);
(-190.9,	-148.5,	0.0,	1.2);	(-198.0,	-141.4,	0.0,	1.2);
(-205.1,	-134.4,	0.0,	1.2);	(-212.1,	-127.3,	0.0,	1.2);
(-219.2,	-120.2,	0.0,	1.2);	(-226.3,	-113.1,	0.0,	1.2);
(-233.4,	-106.1,	0.0,	1.2);	(-240.4,	-99.0,	0.0,	1.2);
(-106.1,	-247.5,	0.0,	1.2);	(-113.1,	-240.4,	0.0,	1.2);
(-120.2,	-233.4,	0.0,	1.2);	(-127.3,	-226.3,	0.0,	1.2);
(-134.4,	-219.2,	0.0,	1.2);	(-141.4,	-212.1,	0.0,	1.2);
(-148.5,	-205.1,	0.0,	1.2);	(-155.6,	-198.0,	0.0,	1.2);
(-159.1,	-194.4,	0.0,	1.2);	(-162.6,	-190.9,	0.0,	1.2);
(-164.8,	-188.8,	0.0,	1.2);	(-166.2,	-187.4,	0.0,	1.2);
(-167.6,	-186.0,	0.0,	1.2);	(-169.0,	-184.6,	0.0,	1.2);
(-170.4,	-183.1,	0.0,	1.2);	(-183.1,	-170.4,	0.0,	1.2);
(-184.6,	-169.0,	0.0,	1.2);	(-186.0,	-167.6,	0.0,	1.2);
(-187.4,	-166.2,	0.0,	1.2);	(-188.8,	-164.8,	0.0,	1.2);
(-190.9,	-162.6,	0.0,	1.2);	(-194.4,	-159.1,	0.0,	1.2);
(-198.0,	-155.6,	0.0,	1.2);	(-205.1,	-148.5,	0.0,	1.2);
(-212.1,	-141.4,	0.0,	1.2);	(-219.2,	-134.4,	0.0,	1.2);
(-226.3,	-127.3,	0.0,	1.2);	(-233.4,	-120.2,	0.0,	1.2);
(-240.4,	-113.1,	0.0,	1.2);	(-247.5,	-106.1,	0.0,	1.2);

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00002	240.42	113.14	0.00002
233.35	120.21	0.00001	226.27	127.28	0.00001
219.20	134.35	0.00001	212.13	141.42	0.00001
205.06	148.49	0.00001	197.99	155.56	0.00001
194.45	159.10	0.00001	190.92	162.63	0.00001
188.80	164.76	0.00001	187.38	166.17	0.00001
185.97	167.58	0.00001	184.55	169.00	0.00001
183.14	170.41	0.00001	170.41	183.14	0.00001
169.00	184.55	0.00001	167.58	185.97	0.00001
166.17	187.38	0.00001	164.76	188.80	0.00001
162.63	190.92	0.00001	159.10	194.45	0.00001
155.56	197.99	0.00001	148.49	205.06	0.00001
141.42	212.13	0.00001	134.35	219.20	0.00001
127.28	226.27	0.00001	120.21	233.35	0.00001
113.14	240.42	0.00001	106.07	247.49	0.00001
240.42	98.99	0.00002	233.35	106.07	0.00002
226.27	113.14	0.00002	219.20	120.21	0.00001

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

212.13	127.28	0.00001	205.06	134.35	0.00001
197.99	141.42	0.00001	190.92	148.49	0.00001
187.38	152.03	0.00001	183.85	155.56	0.00001
181.73	157.68	0.00001	180.31	159.10	0.00001
178.90	160.51	0.00001	177.48	161.93	0.00001
176.07	163.34	0.00001	163.34	176.07	0.00001
161.93	177.48	0.00001	160.51	178.90	0.00001
159.10	180.31	0.00001	157.68	181.73	0.00001
155.56	183.85	0.00001	152.03	187.38	0.00001
148.49	190.92	0.00001	141.42	197.99	0.00001
134.35	205.06	0.00001	127.28	212.13	0.00001
120.21	219.20	0.00001	113.14	226.27	0.00001
106.07	233.35	0.00001	98.99	240.42	0.00001
233.35	91.92	0.00002	226.27	98.99	0.00002
219.20	106.07	0.00002	212.13	113.14	0.00002
205.06	120.21	0.00001	197.99	127.28	0.00001
190.92	134.35	0.00001	183.85	141.42	0.00001
180.31	144.96	0.00001	176.78	148.49	0.00001
174.66	150.61	0.00001	173.24	152.03	0.00001
171.83	153.44	0.00001	170.41	154.86	0.00001
169.00	156.27	0.00001	156.27	169.00	0.00001
154.86	170.41	0.00001	153.44	171.83	0.00001
152.03	173.24	0.00001	150.61	174.66	0.00001

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00001	144.96	180.31	0.00001
141.42	183.85	0.00001	134.35	190.92	0.00001
127.28	197.99	0.00001	120.21	205.06	0.00001
113.14	212.13	0.00001	106.07	219.20	0.00001
99.00	226.27	0.00001	91.92	233.35	0.00001
226.27	84.85	0.00002	219.20	91.92	0.00002
212.13	98.99	0.00002	205.06	106.07	0.00002
197.99	113.14	0.00002	190.92	120.21	0.00001
183.85	127.28	0.00001	176.78	134.35	0.00001
173.24	137.89	0.00001	169.71	141.42	0.00001
167.58	143.54	0.00001	166.17	144.96	0.00001

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

164.76	146.37	0.00001	163.34	147.79	0.00001
161.93	149.20	0.00001	149.20	161.93	0.00001
147.79	163.34	0.00001	146.37	164.76	0.00001
144.96	166.17	0.00001	143.54	167.58	0.00001
141.42	169.71	0.00001	137.89	173.24	0.00001
134.35	176.78	0.00001	127.28	183.85	0.00001
120.21	190.92	0.00001	113.14	197.99	0.00001
106.07	205.06	0.00001	99.00	212.13	0.00001
91.92	219.20	0.00001	84.85	226.27	0.00001
219.20	77.78	0.00002	212.13	84.85	0.00002
205.06	91.92	0.00002	197.99	98.99	0.00002
190.92	106.07	0.00002	183.85	113.14	0.00002
176.78	120.21	0.00002	169.71	127.28	0.00001
166.17	130.81	0.00001	162.63	134.35	0.00001
160.51	136.47	0.00001	159.10	137.89	0.00001
157.68	139.30	0.00001	156.27	140.71	0.00001
154.86	142.13	0.00001	142.13	154.86	0.00001
140.71	156.27	0.00001	139.30	157.68	0.00001
137.89	159.10	0.00001	136.47	160.51	0.00002
134.35	162.63	0.00002	130.81	166.17	0.00002
127.28	169.71	0.00002	120.21	176.78	0.00002
113.14	183.85	0.00002	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00001
84.85	212.13	0.00001	77.78	219.20	0.00001
212.13	70.71	0.00002	205.06	77.78	0.00002
197.99	84.85	0.00002	190.92	91.92	0.00002
183.85	98.99	0.00002	176.78	106.07	0.00002
169.71	113.14	0.00002	162.63	120.21	0.00002
159.10	123.74	0.00002	155.56	127.28	0.00002

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00002	152.03	130.81	0.00002
150.61	132.23	0.00002	149.20	133.64	0.00002
147.79	135.06	0.00002	135.06	147.79	0.00002
133.64	149.20	0.00002	132.23	150.61	0.00002
130.81	152.03	0.00002	129.40	153.44	0.00002

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

127.28	155.56	0.00002	123.74	159.10	0.00002
120.21	162.63	0.00002	113.14	169.71	0.00002
106.07	176.78	0.00002	98.99	183.85	0.00002
91.92	190.92	0.00002	84.85	197.99	0.00002
77.78	205.06	0.00001	70.71	212.13	0.00001
205.06	63.64	0.00002	197.99	70.71	0.00002
190.92	77.78	0.00002	183.85	84.85	0.00002
176.78	91.92	0.00002	169.71	98.99	0.00002
162.63	106.07	0.00002	155.56	113.14	0.00002
152.03	116.67	0.00002	148.49	120.21	0.00002
146.37	122.33	0.00002	144.96	123.74	0.00002
143.54	125.16	0.00002	142.13	126.57	0.00002
140.71	127.99	0.00002	127.99	140.71	0.00002
126.57	142.13	0.00002	125.16	143.54	0.00002
123.74	144.96	0.00002	122.33	146.37	0.00002
120.21	148.49	0.00002	116.67	152.03	0.00002
113.14	155.56	0.00002	106.07	162.63	0.00002
98.99	169.71	0.00002	91.92	176.78	0.00002
84.85	183.85	0.00002	77.78	190.92	0.00002
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00002	190.92	63.64	0.00002
183.85	70.71	0.00002	176.78	77.78	0.00002
169.71	84.85	0.00002	162.63	91.92	0.00002
155.56	98.99	0.00002	148.49	106.07	0.00002
144.96	109.60	0.00002	141.42	113.14	0.00002
139.30	115.26	0.00002	137.89	116.67	0.00002
136.47	118.09	0.00002	135.06	119.50	0.00002
133.64	120.92	0.00002	120.92	133.64	0.00002
119.50	135.06	0.00002	118.09	136.47	0.00002
116.67	137.89	0.00002	115.26	139.30	0.00002
113.14	141.42	0.00002	109.60	144.96	0.00002
106.07	148.49	0.00002	98.99	155.56	0.00002
91.92	162.63	0.00002	84.85	169.71	0.00002
77.78	176.78	0.00002	70.71	183.85	0.00002
63.64	190.92	0.00002	56.57	197.99	0.00002

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00003	183.85	56.57	0.00003
176.78	63.64	0.00002	169.71	70.71	0.00002
162.63	77.78	0.00002	155.56	84.85	0.00002
148.49	91.92	0.00002	141.42	98.99	0.00002
137.89	102.53	0.00002	134.35	106.07	0.00002
132.23	108.19	0.00002	130.81	109.60	0.00002
129.40	111.02	0.00002	127.99	112.43	0.00002
126.57	113.84	0.00002	113.84	126.57	0.00002
112.43	127.99	0.00002	111.02	129.40	0.00002
109.60	130.81	0.00002	108.19	132.23	0.00002
106.07	134.35	0.00002	102.53	137.89	0.00002
98.99	141.42	0.00002	91.92	148.49	0.00002
84.85	155.56	0.00002	77.78	162.63	0.00002
70.71	169.71	0.00002	63.64	176.78	0.00002
56.57	183.85	0.00002	49.50	190.92	0.00002
183.85	42.43	0.00003	176.78	49.50	0.00003
169.71	56.57	0.00003	162.63	63.64	0.00002
155.56	70.71	0.00002	148.49	77.78	0.00002
141.42	84.85	0.00002	134.35	91.92	0.00002
130.81	95.46	0.00002	127.28	98.99	0.00002
125.16	101.12	0.00002	123.74	102.53	0.00002
122.33	103.94	0.00002	120.92	105.36	0.00002
119.50	106.77	0.00002	106.77	119.50	0.00002
105.36	120.92	0.00002	103.94	122.33	0.00002
102.53	123.74	0.00002	101.12	125.16	0.00002
98.99	127.28	0.00002	95.46	130.81	0.00002
91.92	134.35	0.00002	84.85	141.42	0.00002
77.78	148.49	0.00002	70.71	155.56	0.00002
63.64	162.63	0.00002	56.57	169.71	0.00002
49.50	176.78	0.00002	42.43	183.85	0.00002
176.78	35.36	0.00003	169.71	42.43	0.00003
162.63	49.50	0.00003	155.56	56.57	0.00003
148.49	63.64	0.00002	141.42	70.71	0.00002
134.35	77.78	0.00002	127.28	84.85	0.00002
123.74	88.39	0.00002	120.21	91.92	0.00002
118.09	94.05	0.00002	116.67	95.46	0.00002
115.26	96.87	0.00002	113.84	98.29	0.00002
112.43	99.70	0.00002	99.70	112.43	0.00002
98.29	113.84	0.00002	96.87	115.26	0.00002
95.46	116.67	0.00002	94.05	118.09	0.00002

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00002	88.39	123.74	0.00002
84.85	127.28	0.00002	77.78	134.35	0.00002
70.71	141.42	0.00002	63.64	148.49	0.00002
56.57	155.56	0.00002	49.50	162.63	0.00002
42.43	169.71	0.00002	35.36	176.78	0.00002
169.71	28.28	0.00003	162.63	35.36	0.00003
155.56	42.43	0.00003	148.49	49.50	0.00003
141.42	56.57	0.00003	134.35	63.64	0.00002
127.28	70.71	0.00002	120.21	77.78	0.00002
116.67	81.32	0.00002	113.14	84.85	0.00002
111.02	86.97	0.00002	109.60	88.39	0.00002
108.19	89.80	0.00002	106.77	91.22	0.00002
105.36	92.63	0.00002	92.63	105.36	0.00002
91.22	106.77	0.00002	89.80	108.19	0.00002
88.39	109.60	0.00002	86.97	111.02	0.00002
84.85	113.14	0.00002	81.32	116.67	0.00002
77.78	120.21	0.00002	70.71	127.28	0.00002
63.64	134.35	0.00002	56.57	141.42	0.00002
49.50	148.49	0.00002	42.43	155.56	0.00002
35.36	162.63	0.00002	28.28	169.71	0.00002
162.63	21.21	0.00003	155.56	28.28	0.00003
148.49	35.36	0.00003	141.42	42.43	0.00003
134.35	49.50	0.00003	127.28	56.57	0.00003
120.21	63.64	0.00002	113.14	70.71	0.00002
109.60	74.25	0.00002	106.07	77.78	0.00002
103.94	79.90	0.00002	102.53	81.32	0.00002
101.12	82.73	0.00002	99.70	84.15	0.00002
98.29	85.56	0.00002	85.56	98.29	0.00002
84.15	99.70	0.00002	82.73	101.12	0.00002
81.32	102.53	0.00002	79.90	103.94	0.00002
77.78	106.07	0.00002	74.25	109.60	0.00002
70.71	113.14	0.00002	63.64	120.21	0.00002
56.57	127.28	0.00002	49.50	134.35	0.00002
42.43	141.42	0.00002	35.36	148.49	0.00002
28.28	155.56	0.00002	21.21	162.63	0.00002
155.56	14.14	0.00004	148.49	21.21	0.00004
141.42	28.28	0.00003	134.35	35.36	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

127.28	42.43	0.00003	120.21	49.50	0.00003
113.14	56.57	0.00003	106.07	63.64	0.00003
102.53	67.18	0.00002	98.99	70.71	0.00002

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00002	95.46	74.25	0.00002
94.05	75.66	0.00002	92.63	77.07	0.00002
91.22	78.49	0.00002	78.49	91.22	0.00002
77.07	92.63	0.00002	75.66	94.05	0.00003
74.25	95.46	0.00003	72.83	96.87	0.00003
70.71	98.99	0.00003	67.18	102.53	0.00003
63.64	106.07	0.00003	56.57	113.14	0.00003
49.50	120.21	0.00003	42.43	127.28	0.00002
35.36	134.35	0.00002	28.28	141.42	0.00002
21.21	148.49	0.00002	14.14	155.56	0.00002
148.49	7.07	0.00004	141.42	14.14	0.00004
134.35	21.21	0.00004	127.28	28.28	0.00004
120.21	35.36	0.00003	113.14	42.43	0.00003
106.07	49.50	0.00003	98.99	56.57	0.00003
95.46	60.10	0.00003	91.92	63.64	0.00003
89.80	65.76	0.00003	88.39	67.18	0.00003
86.97	68.59	0.00003	85.56	70.00	0.00003
84.15	71.42	0.00003	71.42	84.15	0.00003
70.00	85.56	0.00003	68.59	86.97	0.00003
67.18	88.39	0.00003	65.76	89.80	0.00003
63.64	91.92	0.00003	60.10	95.46	0.00003
56.57	98.99	0.00003	49.50	106.07	0.00003
42.43	113.14	0.00003	35.36	120.21	0.00003
28.28	127.28	0.00003	21.21	134.35	0.00002
14.14	141.42	0.00002	7.07	148.49	0.00002
141.42	0.00	0.00004	134.35	7.07	0.00004
127.28	14.14	0.00004	120.21	21.21	0.00004
113.14	28.28	0.00004	106.07	35.36	0.00003
98.99	42.43	0.00003	91.92	49.50	0.00003
88.39	53.03	0.00003	84.85	56.57	0.00003
82.73	58.69	0.00003	81.32	60.10	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

79.90	61.52	0.00003	78.49	62.93	0.00003
77.07	64.35	0.00003	64.35	77.07	0.00003
62.93	78.49	0.00003	61.52	79.90	0.00003
60.10	81.32	0.00003	58.69	82.73	0.00003
56.57	84.85	0.00003	53.03	88.39	0.00003
49.50	91.92	0.00003	42.43	98.99	0.00003
35.36	106.07	0.00003	28.28	113.14	0.00003
21.21	120.21	0.00003	14.14	127.28	0.00003
7.07	134.35	0.00002	0.00	141.42	0.00002

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00005	127.28	0.00	0.00005
120.21	7.07	0.00004	113.14	14.14	0.00004
106.07	21.21	0.00004	98.99	28.28	0.00004
91.92	35.36	0.00003	84.85	42.43	0.00003
81.32	45.96	0.00003	77.78	49.50	0.00003
75.66	51.62	0.00003	74.25	53.03	0.00003
72.83	54.45	0.00003	71.42	55.86	0.00003
70.00	57.28	0.00003	57.28	70.00	0.00003
55.86	71.42	0.00003	54.45	72.83	0.00003
53.03	74.25	0.00003	51.62	75.66	0.00003
49.50	77.78	0.00003	45.96	81.32	0.00003
42.43	84.85	0.00003	35.36	91.92	0.00003
28.28	98.99	0.00003	21.21	106.07	0.00003
14.14	113.14	0.00003	7.07	120.21	0.00003
0.00	127.28	0.00003	-7.07	134.35	0.00003
127.28	-14.14	0.00005	120.21	-7.07	0.00005
113.14	0.00	0.00005	106.07	7.07	0.00005
98.99	14.14	0.00004	91.92	21.21	0.00004
84.85	28.28	0.00004	77.78	35.36	0.00003
74.25	38.89	0.00003	70.71	42.43	0.00003
68.59	44.55	0.00003	67.18	45.96	0.00003
65.76	47.38	0.00003	64.35	48.79	0.00003
62.93	50.20	0.00003	50.20	62.93	0.00003
48.79	64.35	0.00003	47.38	65.76	0.00003
45.96	67.18	0.00003	44.55	68.59	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

42.43	70.71	0.00003	38.89	74.25	0.00003
35.36	77.78	0.00003	28.28	84.85	0.00003
21.21	91.92	0.00003	14.14	98.99	0.00003
7.07	106.07	0.00003	0.00	113.14	0.00003
-7.07	120.21	0.00003	-14.14	127.28	0.00003
120.21	-21.21	0.00006	113.14	-14.14	0.00006
106.07	-7.07	0.00005	98.99	0.00	0.00005
91.92	7.07	0.00005	84.85	14.14	0.00004
77.78	21.21	0.00004	70.71	28.28	0.00004
67.18	31.82	0.00004	63.64	35.36	0.00004
61.52	37.48	0.00003	60.10	38.89	0.00003
58.69	40.31	0.00003	57.28	41.72	0.00003
55.86	43.13	0.00003	43.13	55.86	0.00004
41.72	57.28	0.00004	40.31	58.69	0.00004
38.89	60.10	0.00004	37.48	61.52	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00004	31.82	67.18	0.00004
28.28	70.71	0.00004	21.21	77.78	0.00004
14.14	84.85	0.00004	7.07	91.92	0.00003
0.00	98.99	0.00003	-7.07	106.07	0.00003
-14.14	113.14	0.00003	-21.21	120.21	0.00003
113.14	-28.28	0.00006	106.07	-21.21	0.00006
98.99	-14.14	0.00006	91.92	-7.07	0.00006
84.85	0.00	0.00005	77.78	7.07	0.00005
70.71	14.14	0.00004	63.64	21.21	0.00004
60.10	24.75	0.00004	56.57	28.28	0.00004
54.45	30.41	0.00004	53.03	31.82	0.00004
51.62	33.23	0.00004	50.20	34.65	0.00004
48.79	36.06	0.00004	36.06	48.79	0.00004
34.65	50.20	0.00004	33.23	51.62	0.00004
31.82	53.03	0.00004	30.41	54.45	0.00004
28.28	56.57	0.00004	24.75	60.10	0.00004
21.21	63.64	0.00004	14.14	70.71	0.00004
7.07	77.78	0.00004	0.00	84.85	0.00004
-7.07	91.92	0.00003	-14.14	98.99	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-21.21	106.07	0.00003	-28.28	113.14	0.00003
106.07	-35.36	0.00007	98.99	-28.28	0.00007
91.92	-21.21	0.00006	84.85	-14.14	0.00006
77.78	-7.07	0.00006	70.71	0.00	0.00005
63.64	7.07	0.00005	56.57	14.14	0.00004
53.03	17.68	0.00004	49.50	21.21	0.00004
47.38	23.33	0.00004	45.96	24.75	0.00004
44.55	26.16	0.00004	43.13	27.58	0.00004
41.72	28.99	0.00004	28.99	41.72	0.00004
27.58	43.13	0.00004	26.16	44.55	0.00004
24.75	45.96	0.00004	23.33	47.38	0.00004
21.21	49.50	0.00004	17.68	53.03	0.00004
14.14	56.57	0.00004	7.07	63.64	0.00004
0.00	70.71	0.00004	-7.07	77.78	0.00004
-14.14	84.85	0.00004	-21.21	91.92	0.00004
-28.28	98.99	0.00003	-35.36	106.07	0.00003
98.99	-42.43	0.00008	91.92	-35.36	0.00008
84.85	-28.28	0.00007	77.78	-21.21	0.00007
70.71	-14.14	0.00006	63.64	-7.07	0.00006
56.57	0.00	0.00005	49.50	7.07	0.00005
45.96	10.61	0.00005	42.43	14.14	0.00005

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00005	38.89	17.68	0.00005
37.48	19.09	0.00004	36.06	20.51	0.00004
34.65	21.92	0.00004	21.92	34.65	0.00005
20.51	36.06	0.00005	19.09	37.48	0.00005
17.68	38.89	0.00005	16.26	40.31	0.00005
14.14	42.43	0.00005	10.61	45.96	0.00005
7.07	49.50	0.00005	0.00	56.57	0.00005
-7.07	63.64	0.00004	-14.14	70.71	0.00004
-21.21	77.78	0.00004	-28.28	84.85	0.00004
-35.36	91.92	0.00004	-42.43	98.99	0.00004
91.92	-49.50	0.00009	84.85	-42.43	0.00009
77.78	-35.36	0.00008	70.71	-28.28	0.00008
63.64	-21.21	0.00007	56.57	-14.14	0.00007

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00006	42.43	0.00	0.00006
38.89	3.54	0.00005	35.36	7.07	0.00005
33.23	9.19	0.00005	31.82	10.61	0.00005
30.41	12.02	0.00005	28.99	13.44	0.00005
27.58	14.85	0.00005	14.85	27.58	0.00005
13.44	28.99	0.00005	12.02	30.41	0.00005
10.61	31.82	0.00005	9.19	33.23	0.00005
7.07	35.36	0.00005	3.54	38.89	0.00005
0.00	42.43	0.00005	-7.07	49.50	0.00005
-14.14	56.57	0.00005	-21.21	63.64	0.00004
-28.28	70.71	0.00004	-35.36	77.78	0.00004
-42.43	84.85	0.00004	-49.50	91.92	0.00004
84.85	-56.57	0.00010	77.78	-49.50	0.00010
70.71	-42.43	0.00009	63.64	-35.36	0.00009
56.57	-28.28	0.00008	49.50	-21.21	0.00007
42.43	-14.14	0.00007	35.36	-7.07	0.00006
31.82	-3.54	0.00006	28.28	0.00	0.00006
26.16	2.12	0.00006	24.75	3.54	0.00005
23.33	4.95	0.00005	21.92	6.36	0.00005
20.51	7.78	0.00005	7.78	20.51	0.00006
6.36	21.92	0.00006	4.95	23.33	0.00006
3.54	24.75	0.00006	2.12	26.16	0.00006
0.00	28.28	0.00006	-3.54	31.82	0.00006
-7.07	35.36	0.00006	-14.14	42.43	0.00005
-21.21	49.50	0.00005	-28.28	56.57	0.00005
-35.36	63.64	0.00005	-42.43	70.71	0.00004
-49.50	77.78	0.00004	-56.57	84.85	0.00004

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00012	70.71	-56.57	0.00011
63.64	-49.50	0.00010	56.57	-42.43	0.00010
49.50	-35.36	0.00009	42.43	-28.28	0.00008
35.36	-21.21	0.00008	28.28	-14.14	0.00007
24.75	-10.61	0.00007	21.21	-7.07	0.00006
19.09	-4.95	0.00006	17.68	-3.54	0.00006
16.26	-2.12	0.00006	14.85	-0.71	0.00006

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00006	0.71	13.44	0.00006
-0.71	14.85	0.00006	-2.12	16.26	0.00006
-3.54	17.68	0.00006	-4.95	19.09	0.00006
-7.07	21.21	0.00006	-10.61	24.75	0.00006
-14.14	28.28	0.00006	-21.21	35.36	0.00006
-28.28	42.43	0.00006	-35.36	49.50	0.00005
-42.43	56.57	0.00005	-49.50	63.64	0.00005
-56.57	70.71	0.00005	-63.64	77.78	0.00005
70.71	-70.71	0.00014	63.64	-63.64	0.00013
56.57	-56.57	0.00012	49.50	-49.50	0.00011
42.43	-42.43	0.00010	35.36	-35.36	0.00010
28.28	-28.28	0.00009	21.21	-21.21	0.00008
17.68	-17.68	0.00008	14.14	-14.14	0.00007
12.02	-12.02	0.00007	10.61	-10.61	0.00007
9.19	-9.19	0.00007	7.78	-7.78	0.00007
6.36	-6.36	0.00007	-6.36	6.36	0.00007
-7.78	7.78	0.00007	-9.19	9.19	0.00007
-10.61	10.61	0.00007	-12.02	12.02	0.00007
-14.14	14.14	0.00007	-17.68	17.68	0.00007
-21.21	21.21	0.00007	-28.28	28.28	0.00007
-35.36	35.36	0.00006	-42.43	42.43	0.00006
-49.50	49.50	0.00006	-56.57	56.57	0.00005
-63.64	63.64	0.00005	-70.71	70.71	0.00005
63.64	-77.78	0.00016	56.57	-70.71	0.00015
49.50	-63.64	0.00014	42.43	-56.57	0.00013
35.36	-49.50	0.00012	28.28	-42.43	0.00011
21.21	-35.36	0.00010	14.14	-28.28	0.00009
10.61	-24.75	0.00009	7.07	-21.21	0.00008
4.95	-19.09	0.00008	3.54	-17.68	0.00008
2.12	-16.26	0.00008	0.71	-14.85	0.00008
-0.71	-13.44	0.00008	-13.44	-0.71	0.00008
-14.85	0.71	0.00008	-16.26	2.12	0.00008
-17.68	3.54	0.00008	-19.09	4.95	0.00008

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00008	-24.75	10.61	0.00008

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00008	-35.36	21.21	0.00007
-42.43	28.28	0.00007	-49.50	35.36	0.00006
-56.57	42.43	0.00006	-63.64	49.50	0.00006
-70.71	56.57	0.00006	-77.78	63.64	0.00005
56.57	-84.85	0.00019	49.50	-77.78	0.00018
42.43	-70.71	0.00016	35.36	-63.64	0.00015
28.28	-56.57	0.00014	21.21	-49.50	0.00013
14.14	-42.43	0.00012	7.07	-35.36	0.00011
3.54	-31.82	0.00010	0.00	-28.28	0.00009
-2.12	-26.16	0.00009	-3.54	-24.75	0.00009
-4.95	-23.33	0.00009	-6.36	-21.92	0.00009
-7.78	-20.51	0.00009	-20.51	-7.78	0.00009
-21.92	-6.36	0.00009	-23.33	-4.95	0.00009
-24.75	-3.54	0.00009	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00008
-49.50	21.21	0.00007	-56.57	28.28	0.00007
-63.64	35.36	0.00007	-70.71	42.43	0.00006
-77.78	49.50	0.00006	-84.85	56.57	0.00006
49.50	-91.92	0.00023	42.43	-84.85	0.00021
35.36	-77.78	0.00019	28.28	-70.71	0.00018
21.21	-63.64	0.00017	14.14	-56.57	0.00015
7.07	-49.50	0.00014	0.00	-42.43	0.00012
-3.54	-38.89	0.00012	-7.07	-35.36	0.00011
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00010
-28.99	-13.44	0.00010	-30.41	-12.02	0.00010
-31.82	-10.61	0.00010	-33.23	-9.19	0.00010
-35.36	-7.07	0.00010	-38.89	-3.54	0.00010
-42.43	0.00	0.00010	-49.50	7.07	0.00009
-56.57	14.14	0.00008	-63.64	21.21	0.00008
-70.71	28.28	0.00008	-77.78	35.36	0.00007
-84.85	42.43	0.00007	-91.92	49.50	0.00006
42.43	-98.99	0.00028	35.36	-91.92	0.00026
28.28	-84.85	0.00024	21.21	-77.78	0.00022
14.14	-70.71	0.00020	7.07	-63.64	0.00018
0.00	-56.57	0.00016	-7.07	-49.50	0.00015
-10.61	-45.96	0.00014	-14.14	-42.43	0.00013

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00012	-17.68	-38.89	0.00012
-19.09	-37.48	0.00012	-20.51	-36.06	0.00011
-21.92	-34.65	0.00011	-34.65	-21.92	0.00012
-36.06	-20.51	0.00012	-37.48	-19.09	0.00012
-38.89	-17.68	0.00012	-40.31	-16.26	0.00012
-42.43	-14.14	0.00011	-45.96	-10.61	0.00011
-49.50	-7.07	0.00011	-56.57	0.00	0.00010
-63.64	7.07	0.00009	-70.71	14.14	0.00009
-77.78	21.21	0.00008	-84.85	28.28	0.00008
-91.92	35.36	0.00007	-98.99	42.43	0.00007
35.36	-106.07	0.00035	28.28	-98.99	0.00032
21.21	-91.92	0.00030	14.14	-84.85	0.00027
7.07	-77.78	0.00024	0.00	-70.71	0.00022
-7.07	-63.64	0.00020	-14.14	-56.57	0.00017
-17.68	-53.03	0.00016	-21.21	-49.50	0.00015
-23.33	-47.38	0.00014	-24.75	-45.96	0.00014
-26.16	-44.55	0.00014	-27.58	-43.13	0.00013
-28.99	-41.72	0.00013	-41.72	-28.99	0.00013
-43.13	-27.58	0.00013	-44.55	-26.16	0.00013
-45.96	-24.75	0.00013	-47.38	-23.33	0.00013
-49.50	-21.21	0.00013	-53.03	-17.68	0.00013
-56.57	-14.14	0.00012	-63.64	-7.07	0.00011
-70.71	0.00	0.00011	-77.78	7.07	0.00010
-84.85	14.14	0.00009	-91.92	21.21	0.00009
-98.99	28.28	0.00008	-106.07	35.36	0.00008
28.28	-113.14	0.00043	21.21	-106.07	0.00041
14.14	-98.99	0.00038	7.07	-91.92	0.00034
0.00	-84.85	0.00031	-7.07	-77.78	0.00027
-14.14	-70.71	0.00024	-21.21	-63.64	0.00021
-24.75	-60.10	0.00020	-28.28	-56.57	0.00018
-30.41	-54.45	0.00017	-31.82	-53.03	0.00017
-33.23	-51.62	0.00016	-34.65	-50.20	0.00016
-36.06	-48.79	0.00016	-48.79	-36.06	0.00016
-50.20	-34.65	0.00016	-51.62	-33.23	0.00016
-53.03	-31.82	0.00016	-54.45	-30.41	0.00016
-56.57	-28.28	0.00015	-60.10	-24.75	0.00015
-63.64	-21.21	0.00014	-70.71	-14.14	0.00013
-77.78	-7.07	0.00012	-84.85	0.00	0.00011
-91.92	7.07	0.00011	-98.99	14.14	0.00010

-106.07 21.21 0.00009 -113.14 28.28 0.00009

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00055	14.14	-113.14	0.00052
7.07	-106.07	0.00049	0.00	-98.99	0.00045
-7.07	-91.92	0.00040	-14.14	-84.85	0.00035
-21.21	-77.78	0.00031	-28.28	-70.71	0.00027
-31.82	-67.18	0.00025	-35.36	-63.64	0.00023
-37.48	-61.52	0.00022	-38.89	-60.10	0.00021
-40.31	-58.69	0.00020	-41.72	-57.28	0.00019
-43.13	-55.86	0.00019	-55.86	-43.13	0.00019
-57.28	-41.72	0.00019	-58.69	-40.31	0.00019
-60.10	-38.89	0.00019	-61.52	-37.48	0.00018
-63.64	-35.36	0.00018	-67.18	-31.82	0.00017
-70.71	-28.28	0.00016	-77.78	-21.21	0.00015
-84.85	-14.14	0.00014	-91.92	-7.07	0.00013
-98.99	0.00	0.00012	-106.07	7.07	0.00011
-113.14	14.14	0.00011	-120.21	21.21	0.00010
14.14	-127.28	0.00069	7.07	-120.21	0.00067
0.00	-113.14	0.00064	-7.07	-106.07	0.00060
-14.14	-98.99	0.00054	-21.21	-91.92	0.00047
-28.28	-84.85	0.00041	-35.36	-77.78	0.00035
-38.89	-74.25	0.00032	-42.43	-70.71	0.00029
-44.55	-68.59	0.00027	-45.96	-67.18	0.00026
-47.38	-65.76	0.00025	-48.79	-64.35	0.00024
-50.20	-62.93	0.00023	-62.93	-50.20	0.00023
-64.35	-48.79	0.00023	-65.76	-47.38	0.00023
-67.18	-45.96	0.00022	-68.59	-44.55	0.00022
-70.71	-42.43	0.00021	-74.25	-38.89	0.00020
-77.78	-35.36	0.00019	-84.85	-28.28	0.00017
-91.92	-21.21	0.00016	-98.99	-14.14	0.00015
-106.07	-7.07	0.00014	-113.14	0.00	0.00013
-120.21	7.07	0.00013	-127.28	14.14	0.00012
7.07	-134.35	0.00086	0.00	-127.28	0.00086
-7.07	-120.21	0.00084	-14.14	-113.14	0.00081
-21.21	-106.07	0.00075	-28.28	-98.99	0.00066

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00057	-42.43	-84.85	0.00047
-45.96	-81.32	0.00042	-49.50	-77.78	0.00038
-51.62	-75.66	0.00036	-53.03	-74.25	0.00034
-54.45	-72.83	0.00033	-55.86	-71.42	0.00031
-57.28	-70.00	0.00030	-70.00	-57.28	0.00028
-71.42	-55.86	0.00028	-72.83	-54.45	0.00028
-74.25	-53.03	0.00027	-75.66	-51.62	0.00026

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00026	-81.32	-45.96	0.00024
-84.85	-42.43	0.00023	-91.92	-35.36	0.00021
-98.99	-28.28	0.00019	-106.07	-21.21	0.00018
-113.14	-14.14	0.00017	-120.21	-7.07	0.00016
-127.28	0.00	0.00015	-134.35	7.07	0.00014
0.00	-141.42	0.00107	-7.07	-134.35	0.00109
-14.14	-127.28	0.00110	-21.21	-120.21	0.00109
-28.28	-113.14	0.00105	-35.36	-106.07	0.00097
-42.43	-98.99	0.00084	-49.50	-91.92	0.00068
-53.03	-88.39	0.00061	-56.57	-84.85	0.00053
-58.69	-82.73	0.00049	-60.10	-81.32	0.00047
-61.52	-79.90	0.00044	-62.93	-78.49	0.00042
-64.35	-77.07	0.00040	-77.07	-64.35	0.00036
-78.49	-62.93	0.00035	-79.90	-61.52	0.00034
-81.32	-60.10	0.00033	-82.73	-58.69	0.00032
-84.85	-56.57	0.00031	-88.39	-53.03	0.00029
-91.92	-49.50	0.00028	-98.99	-42.43	0.00025
-106.07	-35.36	0.00023	-113.14	-28.28	0.00022
-120.21	-21.21	0.00021	-127.28	-14.14	0.00020
-134.35	-7.07	0.00019	-141.42	0.00	0.00018
-7.07	-148.49	0.00132	-14.14	-141.42	0.00138
-21.21	-134.35	0.00144	-28.28	-127.28	0.00147
-35.36	-120.21	0.00147	-42.43	-113.14	0.00143
-49.50	-106.07	0.00131	-56.57	-98.99	0.00110
-60.10	-95.46	0.00096	-63.64	-91.92	0.00082
-65.76	-89.80	0.00074	-67.18	-88.39	0.00069
-68.59	-86.97	0.00065	-70.00	-85.56	0.00060

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00056	-84.15	-71.42	0.00046
-85.56	-70.00	0.00045	-86.97	-68.59	0.00043
-88.39	-67.18	0.00042	-89.80	-65.76	0.00041
-91.92	-63.64	0.00039	-95.46	-60.10	0.00037
-98.99	-56.57	0.00035	-106.07	-49.50	0.00032
-113.14	-42.43	0.00030	-120.21	-35.36	0.00028
-127.28	-28.28	0.00026	-134.35	-21.21	0.00025
-141.42	-14.14	0.00023	-148.49	-7.07	0.00022
-14.14	-155.56	0.00158	-21.21	-148.49	0.00171
-28.28	-141.42	0.00183	-35.36	-134.35	0.00195
-42.43	-127.28	0.00204	-49.50	-120.21	0.00209
-56.57	-113.14	0.00206	-63.64	-106.07	0.00189
-67.18	-102.53	0.00173	-70.71	-98.99	0.00150

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00134	-74.25	-95.46	0.00122
-75.66	-94.05	0.00111	-77.07	-92.63	0.00100
-78.49	-91.22	0.00090	-91.22	-78.49	0.00061
-92.63	-77.07	0.00059	-94.05	-75.66	0.00057
-95.46	-74.25	0.00055	-96.87	-72.83	0.00053
-98.99	-70.71	0.00051	-102.53	-67.18	0.00049
-106.07	-63.64	0.00047	-113.14	-56.57	0.00044
-120.21	-49.50	0.00041	-127.28	-42.43	0.00038
-134.35	-35.36	0.00035	-141.42	-28.28	0.00032
-148.49	-21.21	0.00030	-155.56	-14.14	0.00027
-21.21	-162.63	0.00185	-28.28	-155.56	0.00203
-35.36	-148.49	0.00224	-42.43	-141.42	0.00246
-49.50	-134.35	0.00269	-56.57	-127.28	0.00291
-63.64	-120.21	0.00310	-70.71	-113.14	0.00318
-74.25	-109.60	0.00314	-77.78	-106.07	0.00300
-79.90	-103.94	0.00284	-81.32	-102.53	0.00271
-82.73	-101.12	0.00253	-84.15	-99.70	0.00232
-85.56	-98.29	0.00205	-98.29	-85.56	0.00086
-99.70	-84.15	0.00084	-101.12	-82.73	0.00083
-102.53	-81.32	0.00081	-103.94	-79.90	0.00080
-106.07	-77.78	0.00078	-109.60	-74.25	0.00075

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00072	-120.21	-63.64	0.00065
-127.28	-56.57	0.00058	-134.35	-49.50	0.00051
-141.42	-42.43	0.00046	-148.49	-35.36	0.00041
-155.56	-28.28	0.00037	-162.63	-21.21	0.00033
-28.28	-169.71	0.00207	-35.36	-162.63	0.00232
-42.43	-155.56	0.00260	-49.50	-148.49	0.00292
-56.57	-141.42	0.00327	-63.64	-134.35	0.00366
-70.71	-127.28	0.00407	-77.78	-120.21	0.00444
-81.32	-116.67	0.00459	-84.85	-113.14	0.00468
-86.97	-111.02	0.00469	-88.39	-109.60	0.00467
-89.80	-108.19	0.00465	-91.22	-106.77	0.00463
-92.63	-105.36	0.00460	-105.36	-92.63	0.00163
-106.77	-91.22	0.00154	-108.19	-89.80	0.00147
-109.60	-88.39	0.00141	-111.02	-86.97	0.00135
-113.14	-84.85	0.00128	-116.67	-81.32	0.00117
-120.21	-77.78	0.00107	-127.28	-70.71	0.00091
-134.35	-63.64	0.00077	-141.42	-56.57	0.00067
-148.49	-49.50	0.00058	-155.56	-42.43	0.00051
-162.63	-35.36	0.00045	-169.71	-28.28	0.00040

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00223	-42.43	-169.71	0.00252
-49.50	-162.63	0.00286	-56.57	-155.56	0.00326
-63.64	-148.49	0.00370	-70.71	-141.42	0.00419
-77.78	-134.35	0.00469	-84.85	-127.28	0.00514
-88.39	-123.74	0.00530	-91.92	-120.21	0.00537
-94.05	-118.09	0.00535	-95.46	-116.67	0.00531
-96.87	-115.26	0.00525	-98.29	-113.84	0.00518
-99.70	-112.43	0.00511	-112.43	-99.70	0.00199
-113.84	-98.29	0.00194	-115.26	-96.87	0.00188
-116.67	-95.46	0.00183	-118.09	-94.05	0.00178
-120.21	-91.92	0.00170	-123.74	-88.39	0.00156
-127.28	-84.85	0.00142	-134.35	-77.78	0.00118
-141.42	-70.71	0.00098	-148.49	-63.64	0.00083
-155.56	-56.57	0.00070	-162.63	-49.50	0.00061
-169.71	-42.43	0.00053	-176.78	-35.36	0.00046

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00233	-49.50	-176.78	0.00265
-56.57	-169.71	0.00303	-63.64	-162.63	0.00347
-70.71	-155.56	0.00397	-77.78	-148.49	0.00450
-84.85	-141.42	0.00504	-91.92	-134.35	0.00548
-95.46	-130.81	0.00561	-98.99	-127.28	0.00566
-101.12	-125.16	0.00563	-102.53	-123.74	0.00558
-103.94	-122.33	0.00550	-105.36	-120.92	0.00541
-106.77	-119.50	0.00533	-119.50	-106.77	0.00212
-120.92	-105.36	0.00208	-122.33	-103.94	0.00204
-123.74	-102.53	0.00201	-125.16	-101.12	0.00198
-127.28	-98.99	0.00192	-130.81	-95.46	0.00180
-134.35	-91.92	0.00167	-141.42	-84.85	0.00140
-148.49	-77.78	0.00116	-155.56	-70.71	0.00097
-162.63	-63.64	0.00082	-169.71	-56.57	0.00070
-176.78	-49.50	0.00060	-183.85	-42.43	0.00052
-49.50	-190.92	0.00235	-56.57	-183.85	0.00269
-63.64	-176.78	0.00309	-70.71	-169.71	0.00355
-77.78	-162.63	0.00408	-84.85	-155.56	0.00464
-91.92	-148.49	0.00519	-98.99	-141.42	0.00565
-102.53	-137.89	0.00578	-106.07	-134.35	0.00581
-108.19	-132.23	0.00577	-109.60	-130.81	0.00571
-111.02	-129.40	0.00564	-112.43	-127.99	0.00555
-113.84	-126.57	0.00546	-126.57	-113.84	0.00219
-127.99	-112.43	0.00215	-129.40	-111.02	0.00212
-130.81	-109.60	0.00209	-132.23	-108.19	0.00206

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00202	-137.89	-102.53	0.00193
-141.42	-98.99	0.00181	-148.49	-91.92	0.00155
-155.56	-84.85	0.00130	-162.63	-77.78	0.00109
-169.71	-70.71	0.00092	-176.78	-63.64	0.00078
-183.85	-56.57	0.00067	-190.92	-49.50	0.00058
-56.57	-197.99	0.00231	-63.64	-190.92	0.00265
-70.71	-183.85	0.00304	-77.78	-176.78	0.00351
-84.85	-169.71	0.00404	-91.92	-162.63	0.00462
-98.99	-155.56	0.00521	-106.07	-148.49	0.00569

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00583	-113.14	-141.42	0.00587
-115.26	-139.30	0.00582	-116.67	-137.89	0.00577
-118.09	-136.47	0.00570	-119.50	-135.06	0.00562
-120.92	-133.64	0.00553	-133.64	-120.92	0.00223
-135.06	-119.50	0.00218	-136.47	-118.09	0.00215
-137.89	-116.67	0.00213	-139.30	-115.26	0.00210
-141.42	-113.14	0.00206	-144.96	-109.60	0.00198
-148.49	-106.07	0.00188	-155.56	-98.99	0.00164
-162.63	-91.92	0.00140	-169.71	-84.85	0.00118
-176.78	-77.78	0.00100	-183.85	-70.71	0.00085
-190.92	-63.64	0.00072	-197.99	-56.57	0.00062
-63.64	-205.06	0.00219	-70.71	-197.99	0.00251
-77.78	-190.92	0.00289	-84.85	-183.85	0.00334
-91.92	-176.78	0.00386	-98.99	-169.71	0.00445
-106.07	-162.63	0.00507	-113.14	-155.56	0.00559
-116.67	-152.03	0.00576	-120.21	-148.49	0.00583
-122.33	-146.37	0.00580	-123.74	-144.96	0.00576
-125.16	-143.54	0.00570	-126.57	-142.13	0.00562
-127.99	-140.71	0.00553	-140.71	-127.99	0.00222
-142.13	-126.57	0.00218	-143.54	-125.16	0.00215
-144.96	-123.74	0.00213	-146.37	-122.33	0.00211
-148.49	-120.21	0.00207	-152.03	-116.67	0.00199
-155.56	-113.14	0.00190	-162.63	-106.07	0.00168
-169.71	-98.99	0.00144	-176.78	-91.92	0.00123
-183.85	-84.85	0.00104	-190.92	-77.78	0.00088
-197.99	-70.71	0.00076	-205.06	-63.64	0.00065
-70.71	-212.13	0.00201	-77.78	-205.06	0.00229
-84.85	-197.99	0.00263	-91.92	-190.92	0.00304
-98.99	-183.85	0.00352	-106.07	-176.78	0.00408
-113.14	-169.71	0.00468	-120.21	-162.63	0.00526
-123.74	-159.10	0.00549	-127.28	-155.56	0.00562

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00564	-130.81	-152.03	0.00562
-132.23	-150.61	0.00558	-133.64	-149.20	0.00552
-135.06	-147.79	0.00545	-147.79	-135.06	0.00217

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00213	-150.61	-132.23	0.00211
-152.03	-130.81	0.00209	-153.44	-129.40	0.00207
-155.56	-127.28	0.00204	-159.10	-123.74	0.00197
-162.63	-120.21	0.00188	-169.71	-113.14	0.00166
-176.78	-106.07	0.00144	-183.85	-98.99	0.00123
-190.92	-91.92	0.00105	-197.99	-84.85	0.00089
-205.06	-77.78	0.00076	-212.13	-70.71	0.00066
-77.78	-219.20	0.00177	-84.85	-212.13	0.00201
-91.92	-205.06	0.00228	-98.99	-197.99	0.00262
-106.07	-190.92	0.00301	-113.14	-183.85	0.00347
-120.21	-176.78	0.00399	-127.28	-169.71	0.00453
-130.81	-166.17	0.00479	-134.35	-162.63	0.00501
-136.47	-160.51	0.00511	-137.89	-159.10	0.00516
-139.30	-157.68	0.00518	-140.71	-156.27	0.00518
-142.13	-154.86	0.00517	-154.86	-142.13	0.00205
-156.27	-140.71	0.00202	-157.68	-139.30	0.00201
-159.10	-137.89	0.00200	-160.51	-136.47	0.00198
-162.63	-134.35	0.00196	-166.17	-130.81	0.00188
-169.71	-127.28	0.00179	-176.78	-120.21	0.00158
-183.85	-113.14	0.00137	-190.92	-106.07	0.00118
-197.99	-98.99	0.00101	-205.06	-91.92	0.00087
-212.13	-84.85	0.00075	-219.20	-77.78	0.00065
-84.85	-226.27	0.00152	-91.92	-219.20	0.00169
-98.99	-212.13	0.00190	-106.07	-205.06	0.00213
-113.14	-197.99	0.00240	-120.21	-190.92	0.00269
-127.28	-183.85	0.00299	-134.35	-176.78	0.00328
-137.89	-173.24	0.00342	-141.42	-169.71	0.00356
-143.54	-167.58	0.00366	-144.96	-166.17	0.00373
-146.37	-164.76	0.00381	-147.79	-163.34	0.00392
-149.20	-161.93	0.00406	-161.93	-149.20	0.00182
-163.34	-147.79	0.00179	-164.76	-146.37	0.00177
-166.17	-144.96	0.00175	-167.58	-143.54	0.00174
-169.71	-141.42	0.00171	-173.24	-137.89	0.00164
-176.78	-134.35	0.00156	-183.85	-127.28	0.00139
-190.92	-120.21	0.00123	-197.99	-113.14	0.00107
-205.06	-106.07	0.00093	-212.13	-98.99	0.00081
-219.20	-91.92	0.00071	-226.27	-84.85	0.00062

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW_Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-91.92	-233.35	0.00127	-98.99	-226.27	0.00139	
-106.07	-219.20	0.00153	-113.14	-212.13	0.00167	
-120.21	-205.06	0.00182	-127.28	-197.99	0.00195	
-134.35	-190.92	0.00204	-141.42	-183.85	0.00204	
-144.96	-180.31	0.00199	-148.49	-176.78	0.00191	
-150.61	-174.66	0.00184	-152.03	-173.24	0.00178	
-153.44	-171.83	0.00172	-154.86	-170.41	0.00165	
-156.27	-169.00	0.00157	-169.00	-156.27	0.00106	
-170.41	-154.86	0.00111	-171.83	-153.44	0.00114	
-173.24	-152.03	0.00117	-174.66	-150.61	0.00120	
-176.78	-148.49	0.00123	-180.31	-144.96	0.00124	
-183.85	-141.42	0.00122	-190.92	-134.35	0.00115	
-197.99	-127.28	0.00105	-205.06	-120.21	0.00094	
-212.13	-113.14	0.00084	-219.20	-106.07	0.00074	
-226.27	-98.99	0.00066	-233.35	-91.92	0.00058	
-98.99	-240.42	0.00106	-106.07	-233.35	0.00114	
-113.14	-226.27	0.00122	-120.21	-219.20	0.00130	
-127.28	-212.13	0.00137	-134.35	-205.06	0.00141	
-141.42	-197.99	0.00140	-148.49	-190.92	0.00134	
-152.03	-187.38	0.00129	-155.56	-183.85	0.00122	
-157.68	-181.73	0.00118	-159.10	-180.31	0.00115	
-160.51	-178.90	0.00112	-161.93	-177.48	0.00109	
-163.34	-176.07	0.00106	-176.07	-163.34	0.00069	
-177.48	-161.93	0.00071	-178.90	-160.51	0.00073	
-180.31	-159.10	0.00075	-181.73	-157.68	0.00077	
-183.85	-155.56	0.00081	-187.38	-152.03	0.00086	
-190.92	-148.49	0.00088	-197.99	-141.42	0.00088	
-205.06	-134.35	0.00085	-212.13	-127.28	0.00079	
-219.20	-120.21	0.00072	-226.27	-113.14	0.00066	
-233.35	-106.07	0.00060	-240.42	-98.99	0.00054	
-106.07	-247.49	0.00088	-113.14	-240.42	0.00093	
-120.21	-233.35	0.00098	-127.28	-226.27	0.00101	
-134.35	-219.20	0.00104	-141.42	-212.13	0.00104	
-148.49	-205.06	0.00102	-155.56	-197.99	0.00098	
-159.10	-194.45	0.00095	-162.63	-190.92	0.00092	
-164.76	-188.80	0.00090	-166.17	-187.38	0.00089	
-167.58	-185.97	0.00087	-169.00	-184.55	0.00085	
-170.41	-183.14	0.00083	-183.14	-170.41	0.00055	
-184.55	-169.00	0.00055	-185.97	-167.58	0.00056	
-187.38	-166.17	0.00056	-188.80	-164.76	0.00057	

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13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00058	-194.45	-159.10	0.00061
-197.99	-155.56	0.00063	-205.06	-148.49	0.00066
-212.13	-141.42	0.00066	-219.20	-134.35	0.00064
-226.27	-127.28	0.00061	-233.35	-120.21	0.00057
-240.42	-113.14	0.00052	-247.49	-106.07	0.00048

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

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00003	240.42	113.14	0.00003
233.35	120.21	0.00003	226.27	127.28	0.00002
219.20	134.35	0.00002	212.13	141.42	0.00002
205.06	148.49	0.00002	197.99	155.56	0.00002
194.45	159.10	0.00002	190.92	162.63	0.00002
188.80	164.76	0.00002	187.38	166.17	0.00002
185.97	167.58	0.00002	184.55	169.00	0.00002
183.14	170.41	0.00002	170.41	183.14	0.00002
169.00	184.55	0.00002	167.58	185.97	0.00002
166.17	187.38	0.00002	164.76	188.80	0.00002
162.63	190.92	0.00002	159.10	194.45	0.00002
155.56	197.99	0.00002	148.49	205.06	0.00002
141.42	212.13	0.00002	134.35	219.20	0.00002
127.28	226.27	0.00002	120.21	233.35	0.00002
113.14	240.42	0.00002	106.07	247.49	0.00002
240.42	98.99	0.00003	233.35	106.07	0.00003
226.27	113.14	0.00003	219.20	120.21	0.00003
212.13	127.28	0.00002	205.06	134.35	0.00002
197.99	141.42	0.00002	190.92	148.49	0.00002
187.38	152.03	0.00002	183.85	155.56	0.00002

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

181.73	157.68	0.00002	180.31	159.10	0.00002
178.90	160.51	0.00002	177.48	161.93	0.00002
176.07	163.34	0.00002	163.34	176.07	0.00002
161.93	177.48	0.00002	160.51	178.90	0.00002
159.10	180.31	0.00002	157.68	181.73	0.00002
155.56	183.85	0.00002	152.03	187.38	0.00002
148.49	190.92	0.00002	141.42	197.99	0.00002
134.35	205.06	0.00002	127.28	212.13	0.00002
120.21	219.20	0.00002	113.14	226.27	0.00002
106.07	233.35	0.00002	98.99	240.42	0.00002
233.35	91.92	0.00003	226.27	98.99	0.00003
219.20	106.07	0.00003	212.13	113.14	0.00003
205.06	120.21	0.00003	197.99	127.28	0.00002
190.92	134.35	0.00002	183.85	141.42	0.00002
180.31	144.96	0.00002	176.78	148.49	0.00002
174.66	150.61	0.00002	173.24	152.03	0.00002
171.83	153.44	0.00002	170.41	154.86	0.00002
169.00	156.27	0.00002	156.27	169.00	0.00002
154.86	170.41	0.00002	153.44	171.83	0.00002
152.03	173.24	0.00002	150.61	174.66	0.00002

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00002	144.96	180.31	0.00002
141.42	183.85	0.00002	134.35	190.92	0.00002
127.28	197.99	0.00002	120.21	205.06	0.00002
113.14	212.13	0.00002	106.07	219.20	0.00002
99.00	226.27	0.00002	91.92	233.35	0.00002
226.27	84.85	0.00003	219.20	91.92	0.00003
212.13	98.99	0.00003	205.06	106.07	0.00003
197.99	113.14	0.00003	190.92	120.21	0.00003
183.85	127.28	0.00002	176.78	134.35	0.00002
173.24	137.89	0.00002	169.71	141.42	0.00002
167.58	143.54	0.00002	166.17	144.96	0.00002
164.76	146.37	0.00002	163.34	147.79	0.00002
161.93	149.20	0.00002	149.20	161.93	0.00002
147.79	163.34	0.00002	146.37	164.76	0.00002

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

144.96	166.17	0.00002	143.54	167.58	0.00002
141.42	169.71	0.00002	137.89	173.24	0.00002
134.35	176.78	0.00002	127.28	183.85	0.00002
120.21	190.92	0.00002	113.14	197.99	0.00002
106.07	205.06	0.00002	99.00	212.13	0.00002
91.92	219.20	0.00002	84.85	226.27	0.00002
219.20	77.78	0.00004	212.13	84.85	0.00004
205.06	91.92	0.00003	197.99	98.99	0.00003
190.92	106.07	0.00003	183.85	113.14	0.00003
176.78	120.21	0.00003	169.71	127.28	0.00003
166.17	130.81	0.00002	162.63	134.35	0.00002
160.51	136.47	0.00002	159.10	137.89	0.00002
157.68	139.30	0.00002	156.27	140.71	0.00002
154.86	142.13	0.00002	142.13	154.86	0.00002
140.71	156.27	0.00002	139.30	157.68	0.00003
137.89	159.10	0.00003	136.47	160.51	0.00003
134.35	162.63	0.00003	130.81	166.17	0.00003
127.28	169.71	0.00003	120.21	176.78	0.00003
113.14	183.85	0.00003	106.07	190.92	0.00002
99.00	197.99	0.00002	91.92	205.06	0.00002
84.85	212.13	0.00002	77.78	219.20	0.00002
212.13	70.71	0.00004	205.06	77.78	0.00004
197.99	84.85	0.00004	190.92	91.92	0.00004
183.85	98.99	0.00003	176.78	106.07	0.00003
169.71	113.14	0.00003	162.63	120.21	0.00003
159.10	123.74	0.00003	155.56	127.28	0.00003

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00003	152.03	130.81	0.00003
150.61	132.23	0.00003	149.20	133.64	0.00003
147.79	135.06	0.00003	135.06	147.79	0.00003
133.64	149.20	0.00003	132.23	150.61	0.00003
130.81	152.03	0.00003	129.40	153.44	0.00003
127.28	155.56	0.00003	123.74	159.10	0.00003
120.21	162.63	0.00003	113.14	169.71	0.00003
106.07	176.78	0.00003	98.99	183.85	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

91.92	190.92	0.00003	84.85	197.99	0.00002
77.78	205.06	0.00002	70.71	212.13	0.00002
205.06	63.64	0.00004	197.99	70.71	0.00004
190.92	77.78	0.00004	183.85	84.85	0.00004
176.78	91.92	0.00004	169.71	98.99	0.00003
162.63	106.07	0.00003	155.56	113.14	0.00003
152.03	116.67	0.00003	148.49	120.21	0.00003
146.37	122.33	0.00003	144.96	123.74	0.00003
143.54	125.16	0.00003	142.13	126.57	0.00003
140.71	127.99	0.00003	127.99	140.71	0.00003
126.57	142.13	0.00003	125.16	143.54	0.00003
123.74	144.96	0.00003	122.33	146.37	0.00003
120.21	148.49	0.00003	116.67	152.03	0.00003
113.14	155.56	0.00003	106.07	162.63	0.00003
98.99	169.71	0.00003	91.92	176.78	0.00003
84.85	183.85	0.00003	77.78	190.92	0.00003
70.71	197.99	0.00002	63.64	205.06	0.00002
197.99	56.57	0.00005	190.92	63.64	0.00005
183.85	70.71	0.00004	176.78	77.78	0.00004
169.71	84.85	0.00004	162.63	91.92	0.00004
155.56	98.99	0.00003	148.49	106.07	0.00003
144.96	109.60	0.00003	141.42	113.14	0.00003
139.30	115.26	0.00003	137.89	116.67	0.00003
136.47	118.09	0.00003	135.06	119.50	0.00003
133.64	120.92	0.00003	120.92	133.64	0.00003
119.50	135.06	0.00003	118.09	136.47	0.00003
116.67	137.89	0.00003	115.26	139.30	0.00003
113.14	141.42	0.00003	109.60	144.96	0.00003
106.07	148.49	0.00003	98.99	155.56	0.00003
91.92	162.63	0.00003	84.85	169.71	0.00003
77.78	176.78	0.00003	70.71	183.85	0.00003
63.64	190.92	0.00003	56.57	197.99	0.00003

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00005	183.85	56.57	0.00005
176.78	63.64	0.00005	169.71	70.71	0.00005

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

162.63	77.78	0.00004	155.56	84.85	0.00004
148.49	91.92	0.00004	141.42	98.99	0.00003
137.89	102.53	0.00003	134.35	106.07	0.00003
132.23	108.19	0.00003	130.81	109.60	0.00003
129.40	111.02	0.00003	127.99	112.43	0.00003
126.57	113.84	0.00003	113.84	126.57	0.00003
112.43	127.99	0.00003	111.02	129.40	0.00003
109.60	130.81	0.00003	108.19	132.23	0.00003
106.07	134.35	0.00003	102.53	137.89	0.00003
98.99	141.42	0.00003	91.92	148.49	0.00003
84.85	155.56	0.00003	77.78	162.63	0.00003
70.71	169.71	0.00003	63.64	176.78	0.00003
56.57	183.85	0.00003	49.50	190.92	0.00003
183.85	42.43	0.00006	176.78	49.50	0.00006
169.71	56.57	0.00005	162.63	63.64	0.00005
155.56	70.71	0.00005	148.49	77.78	0.00004
141.42	84.85	0.00004	134.35	91.92	0.00004
130.81	95.46	0.00004	127.28	98.99	0.00004
125.16	101.12	0.00003	123.74	102.53	0.00003
122.33	103.94	0.00003	120.92	105.36	0.00003
119.50	106.77	0.00003	106.77	119.50	0.00004
105.36	120.92	0.00004	103.94	122.33	0.00004
102.53	123.74	0.00004	101.12	125.16	0.00004
98.99	127.28	0.00004	95.46	130.81	0.00004
91.92	134.35	0.00004	84.85	141.42	0.00004
77.78	148.49	0.00004	70.71	155.56	0.00003
63.64	162.63	0.00003	56.57	169.71	0.00003
49.50	176.78	0.00003	42.43	183.85	0.00003
176.78	35.36	0.00006	169.71	42.43	0.00006
162.63	49.50	0.00006	155.56	56.57	0.00006
148.49	63.64	0.00005	141.42	70.71	0.00005
134.35	77.78	0.00004	127.28	84.85	0.00004
123.74	88.39	0.00004	120.21	91.92	0.00004
118.09	94.05	0.00004	116.67	95.46	0.00004
115.26	96.87	0.00004	113.84	98.29	0.00004
112.43	99.70	0.00004	99.70	112.43	0.00004
98.29	113.84	0.00004	96.87	115.26	0.00004
95.46	116.67	0.00004	94.05	118.09	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA PL93-300 DPM_TRAV ANN_NE-SW Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	120.21	0.00004	88.39	123.74	0.00004	
84.85	127.28	0.00004	77.78	134.35	0.00004	
70.71	141.42	0.00004	63.64	148.49	0.00004	
56.57	155.56	0.00003	49.50	162.63	0.00003	
42.43	169.71	0.00003	35.36	176.78	0.00003	
169.71	28.28	0.00007	162.63	35.36	0.00007	
155.56	42.43	0.00006	148.49	49.50	0.00006	
141.42	56.57	0.00006	134.35	63.64	0.00005	
127.28	70.71	0.00005	120.21	77.78	0.00004	
116.67	81.32	0.00004	113.14	84.85	0.00004	
111.02	86.97	0.00004	109.60	88.39	0.00004	
108.19	89.80	0.00004	106.77	91.22	0.00004	
105.36	92.63	0.00004	92.63	105.36	0.00004	
91.22	106.77	0.00004	89.80	108.19	0.00004	
88.39	109.60	0.00004	86.97	111.02	0.00004	
84.85	113.14	0.00004	81.32	116.67	0.00004	
77.78	120.21	0.00004	70.71	127.28	0.00004	
63.64	134.35	0.00004	56.57	141.42	0.00004	
49.50	148.49	0.00004	42.43	155.56	0.00004	
35.36	162.63	0.00003	28.28	169.71	0.00003	
162.63	21.21	0.00008	155.56	28.28	0.00008	
148.49	35.36	0.00007	141.42	42.43	0.00007	
134.35	49.50	0.00006	127.28	56.57	0.00006	
120.21	63.64	0.00005	113.14	70.71	0.00005	
109.60	74.25	0.00005	106.07	77.78	0.00005	
103.94	79.90	0.00005	102.53	81.32	0.00005	
101.12	82.73	0.00004	99.70	84.15	0.00004	
98.29	85.56	0.00004	85.56	98.29	0.00005	
84.15	99.70	0.00005	82.73	101.12	0.00005	
81.32	102.53	0.00005	79.90	103.94	0.00005	
77.78	106.07	0.00005	74.25	109.60	0.00005	
70.71	113.14	0.00005	63.64	120.21	0.00005	
56.57	127.28	0.00004	49.50	134.35	0.00004	
42.43	141.42	0.00004	35.36	148.49	0.00004	
28.28	155.56	0.00004	21.21	162.63	0.00004	
155.56	14.14	0.00009	148.49	21.21	0.00009	
141.42	28.28	0.00008	134.35	35.36	0.00008	
127.28	42.43	0.00007	120.21	49.50	0.00007	
113.14	56.57	0.00006	106.07	63.64	0.00006	
102.53	67.18	0.00005	98.99	70.71	0.00005	

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00005	95.46	74.25	0.00005
94.05	75.66	0.00005	92.63	77.07	0.00005
91.22	78.49	0.00005	78.49	91.22	0.00005
77.07	92.63	0.00005	75.66	94.05	0.00005
74.25	95.46	0.00005	72.83	96.87	0.00005
70.71	98.99	0.00005	67.18	102.53	0.00005
63.64	106.07	0.00005	56.57	113.14	0.00005
49.50	120.21	0.00005	42.43	127.28	0.00004
35.36	134.35	0.00004	28.28	141.42	0.00004
21.21	148.49	0.00004	14.14	155.56	0.00004
148.49	7.07	0.00010	141.42	14.14	0.00010
134.35	21.21	0.00009	127.28	28.28	0.00009
120.21	35.36	0.00008	113.14	42.43	0.00007
106.07	49.50	0.00007	98.99	56.57	0.00006
95.46	60.10	0.00006	91.92	63.64	0.00006
89.80	65.76	0.00006	88.39	67.18	0.00005
86.97	68.59	0.00005	85.56	70.00	0.00005
84.15	71.42	0.00005	71.42	84.15	0.00006
70.00	85.56	0.00006	68.59	86.97	0.00006
67.18	88.39	0.00006	65.76	89.80	0.00006
63.64	91.92	0.00006	60.10	95.46	0.00006
56.57	98.99	0.00006	49.50	106.07	0.00005
42.43	113.14	0.00005	35.36	120.21	0.00005
28.28	127.28	0.00005	21.21	134.35	0.00004
14.14	141.42	0.00004	7.07	148.49	0.00004
141.42	0.00	0.00012	134.35	7.07	0.00011
127.28	14.14	0.00010	120.21	21.21	0.00010
113.14	28.28	0.00009	106.07	35.36	0.00008
98.99	42.43	0.00008	91.92	49.50	0.00007
88.39	53.03	0.00007	84.85	56.57	0.00006
82.73	58.69	0.00006	81.32	60.10	0.00006
79.90	61.52	0.00006	78.49	62.93	0.00006
77.07	64.35	0.00006	64.35	77.07	0.00006
62.93	78.49	0.00006	61.52	79.90	0.00006

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

60.10	81.32	0.00006	58.69	82.73	0.00006
56.57	84.85	0.00006	53.03	88.39	0.00006
49.50	91.92	0.00006	42.43	98.99	0.00006
35.36	106.07	0.00006	28.28	113.14	0.00005
21.21	120.21	0.00005	14.14	127.28	0.00005
7.07	134.35	0.00005	0.00	141.42	0.00005

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00014	127.28	0.00	0.00013
120.21	7.07	0.00012	113.14	14.14	0.00011
106.07	21.21	0.00010	98.99	28.28	0.00010
91.92	35.36	0.00009	84.85	42.43	0.00008
81.32	45.96	0.00008	77.78	49.50	0.00007
75.66	51.62	0.00007	74.25	53.03	0.00007
72.83	54.45	0.00007	71.42	55.86	0.00007
70.00	57.28	0.00007	57.28	70.00	0.00007
55.86	71.42	0.00007	54.45	72.83	0.00007
53.03	74.25	0.00007	51.62	75.66	0.00007
49.50	77.78	0.00007	45.96	81.32	0.00007
42.43	84.85	0.00007	35.36	91.92	0.00007
28.28	98.99	0.00006	21.21	106.07	0.00006
14.14	113.14	0.00006	7.07	120.21	0.00005
0.00	127.28	0.00005	-7.07	134.35	0.00005
127.28	-14.14	0.00016	120.21	-7.07	0.00015
113.14	0.00	0.00014	106.07	7.07	0.00013
98.99	14.14	0.00012	91.92	21.21	0.00011
84.85	28.28	0.00010	77.78	35.36	0.00009
74.25	38.89	0.00009	70.71	42.43	0.00008
68.59	44.55	0.00008	67.18	45.96	0.00008
65.76	47.38	0.00008	64.35	48.79	0.00008
62.93	50.20	0.00008	50.20	62.93	0.00008
48.79	64.35	0.00008	47.38	65.76	0.00008
45.96	67.18	0.00008	44.55	68.59	0.00008
42.43	70.71	0.00008	38.89	74.25	0.00008
35.36	77.78	0.00008	28.28	84.85	0.00007
21.21	91.92	0.00007	14.14	98.99	0.00006

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00006	0.00	113.14	0.00006
-7.07	120.21	0.00006	-14.14	127.28	0.00005
120.21	-21.21	0.00019	113.14	-14.14	0.00018
106.07	-7.07	0.00016	98.99	0.00	0.00015
91.92	7.07	0.00014	84.85	14.14	0.00013
77.78	21.21	0.00012	70.71	28.28	0.00011
67.18	31.82	0.00010	63.64	35.36	0.00009
61.52	37.48	0.00009	60.10	38.89	0.00009
58.69	40.31	0.00009	57.28	41.72	0.00009
55.86	43.13	0.00009	43.13	55.86	0.00009
41.72	57.28	0.00009	40.31	58.69	0.00009
38.89	60.10	0.00009	37.48	61.52	0.00009

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00009	31.82	67.18	0.00009
28.28	70.71	0.00009	21.21	77.78	0.00008
14.14	84.85	0.00007	7.07	91.92	0.00007
0.00	98.99	0.00007	-7.07	106.07	0.00006
-14.14	113.14	0.00006	-21.21	120.21	0.00006
113.14	-28.28	0.00023	106.07	-21.21	0.00021
98.99	-14.14	0.00019	91.92	-7.07	0.00018
84.85	0.00	0.00017	77.78	7.07	0.00015
70.71	14.14	0.00014	63.64	21.21	0.00012
60.10	24.75	0.00012	56.57	28.28	0.00011
54.45	30.41	0.00010	53.03	31.82	0.00010
51.62	33.23	0.00010	50.20	34.65	0.00010
48.79	36.06	0.00010	36.06	48.79	0.00010
34.65	50.20	0.00010	33.23	51.62	0.00010
31.82	53.03	0.00010	30.41	54.45	0.00010
28.28	56.57	0.00010	24.75	60.10	0.00010
21.21	63.64	0.00010	14.14	70.71	0.00009
7.07	77.78	0.00008	0.00	84.85	0.00008
-7.07	91.92	0.00008	-14.14	98.99	0.00007
-21.21	106.07	0.00007	-28.28	113.14	0.00006
106.07	-35.36	0.00028	98.99	-28.28	0.00026
91.92	-21.21	0.00024	84.85	-14.14	0.00022

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00020	70.71	0.00	0.00018
63.64	7.07	0.00016	56.57	14.14	0.00015
53.03	17.68	0.00014	49.50	21.21	0.00013
47.38	23.33	0.00012	45.96	24.75	0.00012
44.55	26.16	0.00012	43.13	27.58	0.00011
41.72	28.99	0.00011	28.99	41.72	0.00012
27.58	43.13	0.00012	26.16	44.55	0.00012
24.75	45.96	0.00012	23.33	47.38	0.00012
21.21	49.50	0.00011	17.68	53.03	0.00011
14.14	56.57	0.00011	7.07	63.64	0.00010
0.00	70.71	0.00009	-7.07	77.78	0.00009
-14.14	84.85	0.00008	-21.21	91.92	0.00008
-28.28	98.99	0.00007	-35.36	106.07	0.00007
98.99	-42.43	0.00035	91.92	-35.36	0.00032
84.85	-28.28	0.00030	77.78	-21.21	0.00027
70.71	-14.14	0.00024	63.64	-7.07	0.00022
56.57	0.00	0.00020	49.50	7.07	0.00017
45.96	10.61	0.00016	42.43	14.14	0.00015

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00014	38.89	17.68	0.00014
37.48	19.09	0.00014	36.06	20.51	0.00013
34.65	21.92	0.00013	21.92	34.65	0.00013
20.51	36.06	0.00013	19.09	37.48	0.00013
17.68	38.89	0.00013	16.26	40.31	0.00013
14.14	42.43	0.00013	10.61	45.96	0.00013
7.07	49.50	0.00012	0.00	56.57	0.00011
-7.07	63.64	0.00011	-14.14	70.71	0.00010
-21.21	77.78	0.00009	-28.28	84.85	0.00009
-35.36	91.92	0.00008	-42.43	98.99	0.00008
91.92	-49.50	0.00043	84.85	-42.43	0.00041
77.78	-35.36	0.00038	70.71	-28.28	0.00034
63.64	-21.21	0.00031	56.57	-14.14	0.00027
49.50	-7.07	0.00024	42.43	0.00	0.00021
38.89	3.54	0.00020	35.36	7.07	0.00018
33.23	9.19	0.00017	31.82	10.61	0.00017

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00016	14.85	27.58	0.00016
13.44	28.99	0.00016	12.02	30.41	0.00016
10.61	31.82	0.00016	9.19	33.23	0.00016
7.07	35.36	0.00015	3.54	38.89	0.00015
0.00	42.43	0.00014	-7.07	49.50	0.00013
-14.14	56.57	0.00012	-21.21	63.64	0.00011
-28.28	70.71	0.00011	-35.36	77.78	0.00010
-42.43	84.85	0.00009	-49.50	91.92	0.00009
84.85	-56.57	0.00055	77.78	-49.50	0.00052
70.71	-42.43	0.00049	63.64	-35.36	0.00045
56.57	-28.28	0.00040	49.50	-21.21	0.00035
42.43	-14.14	0.00031	35.36	-7.07	0.00027
31.82	-3.54	0.00025	28.28	0.00	0.00023
26.16	2.12	0.00022	24.75	3.54	0.00021
23.33	4.95	0.00020	21.92	6.36	0.00019
20.51	7.78	0.00019	7.78	20.51	0.00019
6.36	21.92	0.00019	4.95	23.33	0.00019
3.54	24.75	0.00019	2.12	26.16	0.00018
0.00	28.28	0.00018	-3.54	31.82	0.00017
-7.07	35.36	0.00016	-14.14	42.43	0.00015
-21.21	49.50	0.00014	-28.28	56.57	0.00013
-35.36	63.64	0.00012	-42.43	70.71	0.00011
-49.50	77.78	0.00011	-56.57	84.85	0.00010

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00069	70.71	-56.57	0.00067
63.64	-49.50	0.00064	56.57	-42.43	0.00060
49.50	-35.36	0.00054	42.43	-28.28	0.00047
35.36	-21.21	0.00041	28.28	-14.14	0.00035
24.75	-10.61	0.00032	21.21	-7.07	0.00029
19.09	-4.95	0.00027	17.68	-3.54	0.00026
16.26	-2.12	0.00025	14.85	-0.71	0.00024
13.44	0.71	0.00023	0.71	13.44	0.00023
-0.71	14.85	0.00023	-2.12	16.26	0.00023
-3.54	17.68	0.00022	-4.95	19.09	0.00022

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00021	-10.61	24.75	0.00020
-14.14	28.28	0.00019	-21.21	35.36	0.00017
-28.28	42.43	0.00016	-35.36	49.50	0.00015
-42.43	56.57	0.00014	-49.50	63.64	0.00013
-56.57	70.71	0.00013	-63.64	77.78	0.00012
70.71	-70.71	0.00086	63.64	-63.64	0.00086
56.57	-56.57	0.00084	49.50	-49.50	0.00081
42.43	-42.43	0.00075	35.36	-35.36	0.00066
28.28	-28.28	0.00057	21.21	-21.21	0.00047
17.68	-17.68	0.00042	14.14	-14.14	0.00038
12.02	-12.02	0.00036	10.61	-10.61	0.00034
9.19	-9.19	0.00033	7.78	-7.78	0.00031
6.36	-6.36	0.00030	-6.36	6.36	0.00028
-7.78	7.78	0.00028	-9.19	9.19	0.00028
-10.61	10.61	0.00027	-12.02	12.02	0.00026
-14.14	14.14	0.00026	-17.68	17.68	0.00024
-21.21	21.21	0.00023	-28.28	28.28	0.00021
-35.36	35.36	0.00019	-42.43	42.43	0.00018
-49.50	49.50	0.00017	-56.57	56.57	0.00016
-63.64	63.64	0.00015	-70.71	70.71	0.00014
63.64	-77.78	0.00107	56.57	-70.71	0.00109
49.50	-63.64	0.00110	42.43	-56.57	0.00109
35.36	-49.50	0.00105	28.28	-42.43	0.00097
21.21	-35.36	0.00084	14.14	-28.28	0.00068
10.61	-24.75	0.00061	7.07	-21.21	0.00053
4.95	-19.09	0.00049	3.54	-17.68	0.00047
2.12	-16.26	0.00044	0.71	-14.85	0.00042
-0.71	-13.44	0.00040	-13.44	-0.71	0.00036
-14.85	0.71	0.00035	-16.26	2.12	0.00034
-17.68	3.54	0.00033	-19.09	4.95	0.00032

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00031	-24.75	10.61	0.00029
-28.28	14.14	0.00028	-35.36	21.21	0.00025
-42.43	28.28	0.00023	-49.50	35.36	0.00022
-56.57	42.43	0.00021	-63.64	49.50	0.00020

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00019	-77.78	63.64	0.00018
56.57	-84.85	0.00132	49.50	-77.78	0.00138
42.43	-70.71	0.00144	35.36	-63.64	0.00147
28.28	-56.57	0.00147	21.21	-49.50	0.00143
14.14	-42.43	0.00131	7.07	-35.36	0.00110
3.54	-31.82	0.00096	0.00	-28.28	0.00082
-2.12	-26.16	0.00074	-3.54	-24.75	0.00069
-4.95	-23.33	0.00065	-6.36	-21.92	0.00060
-7.78	-20.51	0.00056	-20.51	-7.78	0.00046
-21.92	-6.36	0.00045	-23.33	-4.95	0.00043
-24.75	-3.54	0.00042	-26.16	-2.12	0.00041
-28.28	0.00	0.00039	-31.82	3.54	0.00037
-35.36	7.07	0.00035	-42.43	14.14	0.00032
-49.50	21.21	0.00030	-56.57	28.28	0.00028
-63.64	35.36	0.00026	-70.71	42.43	0.00025
-77.78	49.50	0.00023	-84.85	56.57	0.00022
49.50	-91.92	0.00158	42.43	-84.85	0.00171
35.36	-77.78	0.00183	28.28	-70.71	0.00195
21.21	-63.64	0.00204	14.14	-56.57	0.00209
7.07	-49.50	0.00206	0.00	-42.43	0.00189
-3.54	-38.89	0.00173	-7.07	-35.36	0.00150
-9.19	-33.23	0.00134	-10.61	-31.82	0.00122
-12.02	-30.41	0.00111	-13.44	-28.99	0.00100
-14.85	-27.58	0.00090	-27.58	-14.85	0.00061
-28.99	-13.44	0.00059	-30.41	-12.02	0.00057
-31.82	-10.61	0.00055	-33.23	-9.19	0.00053
-35.36	-7.07	0.00051	-38.89	-3.54	0.00049
-42.43	0.00	0.00047	-49.50	7.07	0.00044
-56.57	14.14	0.00041	-63.64	21.21	0.00038
-70.71	28.28	0.00035	-77.78	35.36	0.00032
-84.85	42.43	0.00030	-91.92	49.50	0.00027
42.43	-98.99	0.00185	35.36	-91.92	0.00203
28.28	-84.85	0.00224	21.21	-77.78	0.00246
14.14	-70.71	0.00269	7.07	-63.64	0.00291
0.00	-56.57	0.00310	-7.07	-49.50	0.00318
-10.61	-45.96	0.00314	-14.14	-42.43	0.00300

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00285	-17.68	-38.89	0.00271
-19.09	-37.48	0.00253	-20.51	-36.06	0.00232
-21.92	-34.65	0.00205	-34.65	-21.92	0.00086
-36.06	-20.51	0.00084	-37.48	-19.09	0.00083
-38.89	-17.68	0.00081	-40.31	-16.26	0.00080
-42.43	-14.14	0.00078	-45.96	-10.61	0.00075
-49.50	-7.07	0.00072	-56.57	0.00	0.00065
-63.64	7.07	0.00058	-70.71	14.14	0.00051
-77.78	21.21	0.00046	-84.85	28.28	0.00041
-91.92	35.36	0.00037	-98.99	42.43	0.00033
35.36	-106.07	0.00207	28.28	-98.99	0.00232
21.21	-91.92	0.00260	14.14	-84.85	0.00292
7.07	-77.78	0.00327	0.00	-70.71	0.00366
-7.07	-63.64	0.00407	-14.14	-56.57	0.00444
-17.68	-53.03	0.00459	-21.21	-49.50	0.00468
-23.33	-47.38	0.00469	-24.75	-45.96	0.00467
-26.16	-44.55	0.00465	-27.58	-43.13	0.00463
-28.99	-41.72	0.00460	-41.72	-28.99	0.00163
-43.13	-27.58	0.00154	-44.55	-26.16	0.00147
-45.96	-24.75	0.00141	-47.38	-23.33	0.00135
-49.50	-21.21	0.00128	-53.03	-17.68	0.00117
-56.57	-14.14	0.00107	-63.64	-7.07	0.00091
-70.71	0.00	0.00077	-77.78	7.07	0.00067
-84.85	14.14	0.00058	-91.92	21.21	0.00051
-98.99	28.28	0.00045	-106.07	35.36	0.00040
28.28	-113.14	0.00223	21.21	-106.07	0.00252
14.14	-98.99	0.00286	7.07	-91.92	0.00326
0.00	-84.85	0.00370	-7.07	-77.78	0.00419
-14.14	-70.71	0.00469	-21.21	-63.64	0.00514
-24.75	-60.10	0.00530	-28.28	-56.57	0.00537
-30.41	-54.45	0.00535	-31.82	-53.03	0.00531
-33.23	-51.62	0.00525	-34.65	-50.20	0.00518
-36.06	-48.79	0.00511	-48.79	-36.06	0.00199
-50.20	-34.65	0.00194	-51.62	-33.23	0.00188
-53.03	-31.82	0.00183	-54.45	-30.41	0.00178
-56.57	-28.28	0.00170	-60.10	-24.75	0.00156
-63.64	-21.21	0.00142	-70.71	-14.14	0.00118
-77.78	-7.07	0.00098	-84.85	0.00	0.00083
-91.92	7.07	0.00070	-98.99	14.14	0.00061
-106.07	21.21	0.00053	-113.14	28.28	0.00046

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00233	14.14	-113.14	0.00265	
7.07	-106.07	0.00303	0.00	-98.99	0.00347	
-7.07	-91.92	0.00397	-14.14	-84.85	0.00450	
-21.21	-77.78	0.00504	-28.28	-70.71	0.00548	
-31.82	-67.18	0.00561	-35.36	-63.64	0.00566	
-37.48	-61.52	0.00563	-38.89	-60.10	0.00558	
-40.31	-58.69	0.00550	-41.72	-57.28	0.00541	
-43.13	-55.86	0.00533	-55.86	-43.13	0.00212	
-57.28	-41.72	0.00208	-58.69	-40.31	0.00204	
-60.10	-38.89	0.00201	-61.52	-37.48	0.00198	
-63.64	-35.36	0.00192	-67.18	-31.82	0.00180	
-70.71	-28.28	0.00167	-77.78	-21.21	0.00140	
-84.85	-14.14	0.00116	-91.92	-7.07	0.00097	
-98.99	0.00	0.00082	-106.07	7.07	0.00070	
-113.14	14.14	0.00060	-120.21	21.21	0.00052	
14.14	-127.28	0.00235	7.07	-120.21	0.00269	
0.00	-113.14	0.00309	-7.07	-106.07	0.00355	
-14.14	-98.99	0.00408	-21.21	-91.92	0.00464	
-28.28	-84.85	0.00519	-35.36	-77.78	0.00565	
-38.89	-74.25	0.00578	-42.43	-70.71	0.00581	
-44.55	-68.59	0.00577	-45.96	-67.18	0.00571	
-47.38	-65.76	0.00564	-48.79	-64.35	0.00555	
-50.20	-62.93	0.00546	-62.93	-50.20	0.00219	
-64.35	-48.79	0.00215	-65.76	-47.38	0.00212	
-67.18	-45.96	0.00209	-68.59	-44.55	0.00206	
-70.71	-42.43	0.00202	-74.25	-38.89	0.00193	
-77.78	-35.36	0.00181	-84.85	-28.28	0.00155	
-91.92	-21.21	0.00130	-98.99	-14.14	0.00109	
-106.07	-7.07	0.00092	-113.14	0.00	0.00078	
-120.21	7.07	0.00067	-127.28	14.14	0.00058	
7.07	-134.35	0.00231	0.00	-127.28	0.00265	
-7.07	-120.21	0.00304	-14.14	-113.14	0.00351	
-21.21	-106.07	0.00404	-28.28	-98.99	0.00462	
-35.36	-91.92	0.00521	-42.43	-84.85	0.00569	
-45.96	-81.32	0.00583	-49.50	-77.78	0.00587	
-51.62	-75.66	0.00582	-53.03	-74.25	0.00577	

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00570	-55.86	-71.42	0.00562
-57.28	-70.00	0.00553	-70.00	-57.28	0.00223
-71.42	-55.86	0.00218	-72.83	-54.45	0.00215
-74.25	-53.03	0.00213	-75.66	-51.62	0.00210

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00206	-81.32	-45.96	0.00198
-84.85	-42.43	0.00188	-91.92	-35.36	0.00164
-98.99	-28.28	0.00140	-106.07	-21.21	0.00118
-113.14	-14.14	0.00100	-120.21	-7.07	0.00085
-127.28	0.00	0.00072	-134.35	7.07	0.00062
0.00	-141.42	0.00219	-7.07	-134.35	0.00251
-14.14	-127.28	0.00289	-21.21	-120.21	0.00334
-28.28	-113.14	0.00386	-35.36	-106.07	0.00445
-42.43	-98.99	0.00507	-49.50	-91.92	0.00559
-53.03	-88.39	0.00576	-56.57	-84.85	0.00583
-58.69	-82.73	0.00580	-60.10	-81.32	0.00576
-61.52	-79.90	0.00570	-62.93	-78.49	0.00562
-64.35	-77.07	0.00553	-77.07	-64.35	0.00222
-78.49	-62.93	0.00218	-79.90	-61.52	0.00215
-81.32	-60.10	0.00213	-82.73	-58.69	0.00211
-84.85	-56.57	0.00207	-88.39	-53.03	0.00199
-91.92	-49.50	0.00190	-98.99	-42.43	0.00168
-106.07	-35.36	0.00144	-113.14	-28.28	0.00123
-120.21	-21.21	0.00104	-127.28	-14.14	0.00088
-134.35	-7.07	0.00076	-141.42	0.00	0.00065
-7.07	-148.49	0.00201	-14.14	-141.42	0.00229
-21.21	-134.35	0.00263	-28.28	-127.28	0.00304
-35.36	-120.21	0.00352	-42.43	-113.14	0.00408
-49.50	-106.07	0.00468	-56.57	-98.99	0.00526
-60.10	-95.46	0.00549	-63.64	-91.92	0.00562
-65.76	-89.80	0.00564	-67.18	-88.39	0.00562
-68.59	-86.97	0.00558	-70.00	-85.56	0.00552
-71.42	-84.15	0.00545	-84.15	-71.42	0.00217
-85.56	-70.00	0.00213	-86.97	-68.59	0.00211
-88.39	-67.18	0.00209	-89.80	-65.76	0.00207

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00204	-95.46	-60.10	0.00197
-98.99	-56.57	0.00188	-106.07	-49.50	0.00166
-113.14	-42.43	0.00144	-120.21	-35.36	0.00123
-127.28	-28.28	0.00105	-134.35	-21.21	0.00089
-141.42	-14.14	0.00076	-148.49	-7.07	0.00066
-14.14	-155.56	0.00177	-21.21	-148.49	0.00201
-28.28	-141.42	0.00228	-35.36	-134.35	0.00262
-42.43	-127.28	0.00301	-49.50	-120.21	0.00347
-56.57	-113.14	0.00399	-63.64	-106.07	0.00453
-67.18	-102.53	0.00479	-70.71	-98.99	0.00501

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00511	-74.25	-95.46	0.00516
-75.66	-94.05	0.00518	-77.07	-92.63	0.00518
-78.49	-91.22	0.00517	-91.22	-78.49	0.00205
-92.63	-77.07	0.00202	-94.05	-75.66	0.00201
-95.46	-74.25	0.00200	-96.87	-72.83	0.00198
-98.99	-70.71	0.00196	-102.53	-67.18	0.00188
-106.07	-63.64	0.00179	-113.14	-56.57	0.00158
-120.21	-49.50	0.00137	-127.28	-42.43	0.00118
-134.35	-35.36	0.00101	-141.42	-28.28	0.00087
-148.49	-21.21	0.00075	-155.56	-14.14	0.00065
-21.21	-162.63	0.00152	-28.28	-155.56	0.00169
-35.36	-148.49	0.00190	-42.43	-141.42	0.00213
-49.50	-134.35	0.00240	-56.57	-127.28	0.00269
-63.64	-120.21	0.00299	-70.71	-113.14	0.00328
-74.25	-109.60	0.00342	-77.78	-106.07	0.00356
-79.90	-103.94	0.00366	-81.32	-102.53	0.00373
-82.73	-101.12	0.00381	-84.15	-99.70	0.00392
-85.56	-98.29	0.00406	-98.29	-85.56	0.00182
-99.70	-84.15	0.00179	-101.12	-82.73	0.00177
-102.53	-81.32	0.00175	-103.94	-79.90	0.00174
-106.07	-77.78	0.00171	-109.60	-74.25	0.00164
-113.14	-70.71	0.00156	-120.21	-63.64	0.00139
-127.28	-56.57	0.00123	-134.35	-49.50	0.00107
-141.42	-42.43	0.00093	-148.49	-35.36	0.00081

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00071	-162.63	-21.21	0.00062
-28.28	-169.71	0.00127	-35.36	-162.63	0.00139
-42.43	-155.56	0.00153	-49.50	-148.49	0.00167
-56.57	-141.42	0.00182	-63.64	-134.35	0.00195
-70.71	-127.28	0.00204	-77.78	-120.21	0.00204
-81.32	-116.67	0.00199	-84.85	-113.14	0.00191
-86.97	-111.02	0.00184	-88.39	-109.60	0.00178
-89.80	-108.19	0.00172	-91.22	-106.77	0.00165
-92.63	-105.36	0.00157	-105.36	-92.63	0.00106
-106.77	-91.22	0.00111	-108.19	-89.80	0.00114
-109.60	-88.39	0.00117	-111.02	-86.97	0.00120
-113.14	-84.85	0.00123	-116.67	-81.32	0.00124
-120.21	-77.78	0.00122	-127.28	-70.71	0.00115
-134.35	-63.64	0.00105	-141.42	-56.57	0.00094
-148.49	-49.50	0.00084	-155.56	-42.43	0.00074
-162.63	-35.36	0.00066	-169.71	-28.28	0.00058

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

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00106	-42.43	-169.71	0.00114
-49.50	-162.63	0.00122	-56.57	-155.56	0.00130
-63.64	-148.49	0.00137	-70.71	-141.42	0.00141
-77.78	-134.35	0.00140	-84.85	-127.28	0.00134
-88.39	-123.74	0.00129	-91.92	-120.21	0.00122
-94.05	-118.09	0.00118	-95.46	-116.67	0.00115
-96.87	-115.26	0.00112	-98.29	-113.84	0.00109
-99.70	-112.43	0.00106	-112.43	-99.70	0.00069
-113.84	-98.29	0.00071	-115.26	-96.87	0.00073
-116.67	-95.46	0.00075	-118.09	-94.05	0.00077
-120.21	-91.92	0.00081	-123.74	-88.39	0.00086
-127.28	-84.85	0.00088	-134.35	-77.78	0.00088
-141.42	-70.71	0.00085	-148.49	-63.64	0.00079
-155.56	-56.57	0.00072	-162.63	-49.50	0.00066
-169.71	-42.43	0.00060	-176.78	-35.36	0.00054
-42.43	-183.85	0.00088	-49.50	-176.78	0.00093
-56.57	-169.71	0.00098	-63.64	-162.63	0.00101
-70.71	-155.56	0.00104	-77.78	-148.49	0.00104

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00102	-91.92	-134.35	0.00098
-95.46	-130.81	0.00095	-98.99	-127.28	0.00092
-101.12	-125.16	0.00090	-102.53	-123.74	0.00089
-103.94	-122.33	0.00087	-105.36	-120.92	0.00085
-106.77	-119.50	0.00083	-119.50	-106.77	0.00055
-120.92	-105.36	0.00055	-122.33	-103.94	0.00056
-123.74	-102.53	0.00056	-125.16	-101.12	0.00057
-127.28	-98.99	0.00058	-130.81	-95.46	0.00061
-134.35	-91.92	0.00063	-141.42	-84.85	0.00066
-148.49	-77.78	0.00066	-155.56	-70.71	0.00064
-162.63	-63.64	0.00061	-169.71	-56.57	0.00057
-176.78	-49.50	0.00052	-183.85	-42.43	0.00048
-49.50	-190.92	0.00073	-56.57	-183.85	0.00076
-63.64	-176.78	0.00078	-70.71	-169.71	0.00080
-77.78	-162.63	0.00081	-84.85	-155.56	0.00081
-91.92	-148.49	0.00079	-98.99	-141.42	0.00076
-102.53	-137.89	0.00075	-106.07	-134.35	0.00073
-108.19	-132.23	0.00072	-109.60	-130.81	0.00072
-111.02	-129.40	0.00071	-112.43	-127.99	0.00069
-113.84	-126.57	0.00067	-126.57	-113.84	0.00045
-127.99	-112.43	0.00045	-129.40	-111.02	0.00046
-130.81	-109.60	0.00046	-132.23	-108.19	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 14:52:42 *** Maximum train overlap at NE/SW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00046	-137.89	-102.53	0.00046
-141.42	-98.99	0.00047	-148.49	-91.92	0.00050
-155.56	-84.85	0.00051	-162.63	-77.78	0.00051
-169.71	-70.71	0.00050	-176.78	-63.64	0.00048
-183.85	-56.57	0.00045	-190.92	-49.50	0.00042
-56.57	-197.99	0.00061	-63.64	-190.92	0.00062
-70.71	-183.85	0.00064	-77.78	-176.78	0.00065
-84.85	-169.71	0.00065	-91.92	-162.63	0.00065
-98.99	-155.56	0.00063	-106.07	-148.49	0.00062
-109.60	-144.96	0.00061	-113.14	-141.42	0.00060
-115.26	-139.30	0.00060	-116.67	-137.89	0.00059
-118.09	-136.47	0.00058	-119.50	-135.06	0.00057

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00055	-133.64	-120.92	0.00038
-135.06	-119.50	0.00038	-136.47	-118.09	0.00038
-137.89	-116.67	0.00038	-139.30	-115.26	0.00038
-141.42	-113.14	0.00038	-144.96	-109.60	0.00038
-148.49	-106.07	0.00038	-155.56	-98.99	0.00039
-162.63	-91.92	0.00040	-169.71	-84.85	0.00041
-176.78	-77.78	0.00041	-183.85	-70.71	0.00040
-190.92	-63.64	0.00039	-197.99	-56.57	0.00037
-63.64	-205.06	0.00051	-70.71	-197.99	0.00052
-77.78	-190.92	0.00053	-84.85	-183.85	0.00054
-91.92	-176.78	0.00054	-98.99	-169.71	0.00053
-106.07	-162.63	0.00052	-113.14	-155.56	0.00051
-116.67	-152.03	0.00051	-120.21	-148.49	0.00051
-122.33	-146.37	0.00050	-123.74	-144.96	0.00049
-125.16	-143.54	0.00048	-126.57	-142.13	0.00047
-127.99	-140.71	0.00045	-140.71	-127.99	0.00032
-142.13	-126.57	0.00032	-143.54	-125.16	0.00032
-144.96	-123.74	0.00032	-146.37	-122.33	0.00032
-148.49	-120.21	0.00032	-152.03	-116.67	0.00032
-155.56	-113.14	0.00032	-162.63	-106.07	0.00031
-169.71	-98.99	0.00032	-176.78	-91.92	0.00033
-183.85	-84.85	0.00033	-190.92	-77.78	0.00034
-197.99	-70.71	0.00033	-205.06	-63.64	0.00032
-70.71	-212.13	0.00044	-77.78	-205.06	0.00044
-84.85	-197.99	0.00045	-91.92	-190.92	0.00045
-98.99	-183.85	0.00045	-106.07	-176.78	0.00044
-113.14	-169.71	0.00043	-120.21	-162.63	0.00043
-123.74	-159.10	0.00043	-127.28	-155.56	0.00043

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00042	-130.81	-152.03	0.00041
-132.23	-150.61	0.00040	-133.64	-149.20	0.00039
-135.06	-147.79	0.00037	-147.79	-135.06	0.00027
-149.20	-133.64	0.00027	-150.61	-132.23	0.00027
-152.03	-130.81	0.00027	-153.44	-129.40	0.00027
-155.56	-127.28	0.00027	-159.10	-123.74	0.00027

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00027	-169.71	-113.14	0.00026
-176.78	-106.07	0.00026	-183.85	-98.99	0.00027
-190.92	-91.92	0.00027	-197.99	-84.85	0.00028
-205.06	-77.78	0.00028	-212.13	-70.71	0.00028
-77.78	-219.20	0.00038	-84.85	-212.13	0.00038
-91.92	-205.06	0.00038	-98.99	-197.99	0.00038
-106.07	-190.92	0.00038	-113.14	-183.85	0.00037
-120.21	-176.78	0.00037	-127.28	-169.71	0.00037
-130.81	-166.17	0.00037	-134.35	-162.63	0.00036
-136.47	-160.51	0.00036	-137.89	-159.10	0.00035
-139.30	-157.68	0.00034	-140.71	-156.27	0.00033
-142.13	-154.86	0.00032	-154.86	-142.13	0.00023
-156.27	-140.71	0.00023	-157.68	-139.30	0.00023
-159.10	-137.89	0.00023	-160.51	-136.47	0.00023
-162.63	-134.35	0.00023	-166.17	-130.81	0.00024
-169.71	-127.28	0.00023	-176.78	-120.21	0.00023
-183.85	-113.14	0.00022	-190.92	-106.07	0.00022
-197.99	-98.99	0.00023	-205.06	-91.92	0.00023
-212.13	-84.85	0.00023	-219.20	-77.78	0.00024
-84.85	-226.27	0.00033	-91.92	-219.20	0.00033
-98.99	-212.13	0.00033	-106.07	-205.06	0.00033
-113.14	-197.99	0.00032	-120.21	-190.92	0.00032
-127.28	-183.85	0.00032	-134.35	-176.78	0.00032
-137.89	-173.24	0.00032	-141.42	-169.71	0.00031
-143.54	-167.58	0.00030	-144.96	-166.17	0.00030
-146.37	-164.76	0.00029	-147.79	-163.34	0.00028
-149.20	-161.93	0.00027	-161.93	-149.20	0.00020
-163.34	-147.79	0.00020	-164.76	-146.37	0.00020
-166.17	-144.96	0.00020	-167.58	-143.54	0.00020
-169.71	-141.42	0.00020	-173.24	-137.89	0.00020
-176.78	-134.35	0.00020	-183.85	-127.28	0.00020
-190.92	-120.21	0.00019	-197.99	-113.14	0.00019
-205.06	-106.07	0.00019	-212.13	-98.99	0.00020
-219.20	-91.92	0.00020	-226.27	-84.85	0.00020

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-233.35	0.00029	-98.99	-226.27	0.00029
-106.07	-219.20	0.00028	-113.14	-212.13	0.00028
-120.21	-205.06	0.00028	-127.28	-197.99	0.00028
-134.35	-190.92	0.00028	-141.42	-183.85	0.00028
-144.96	-180.31	0.00028	-148.49	-176.78	0.00027
-150.61	-174.66	0.00026	-152.03	-173.24	0.00026
-153.44	-171.83	0.00025	-154.86	-170.41	0.00024
-156.27	-169.00	0.00023	-169.00	-156.27	0.00018
-170.41	-154.86	0.00018	-171.83	-153.44	0.00018
-173.24	-152.03	0.00017	-174.66	-150.61	0.00018
-176.78	-148.49	0.00018	-180.31	-144.96	0.00018
-183.85	-141.42	0.00018	-190.92	-134.35	0.00018
-197.99	-127.28	0.00017	-205.06	-120.21	0.00017
-212.13	-113.14	0.00017	-219.20	-106.07	0.00017
-226.27	-98.99	0.00017	-233.35	-91.92	0.00017
-98.99	-240.42	0.00025	-106.07	-233.35	0.00025
-113.14	-226.27	0.00025	-120.21	-219.20	0.00025
-127.28	-212.13	0.00025	-134.35	-205.06	0.00025
-141.42	-197.99	0.00025	-148.49	-190.92	0.00025
-152.03	-187.38	0.00024	-155.56	-183.85	0.00024
-157.68	-181.73	0.00023	-159.10	-180.31	0.00022
-160.51	-178.90	0.00022	-161.93	-177.48	0.00021
-163.34	-176.07	0.00020	-176.07	-163.34	0.00016
-177.48	-161.93	0.00016	-178.90	-160.51	0.00015
-180.31	-159.10	0.00015	-181.73	-157.68	0.00015
-183.85	-155.56	0.00015	-187.38	-152.03	0.00016
-190.92	-148.49	0.00016	-197.99	-141.42	0.00016
-205.06	-134.35	0.00015	-212.13	-127.28	0.00015
-219.20	-120.21	0.00014	-226.27	-113.14	0.00014
-233.35	-106.07	0.00015	-240.42	-98.99	0.00015
-106.07	-247.49	0.00022	-113.14	-240.42	0.00022
-120.21	-233.35	0.00022	-127.28	-226.27	0.00022
-134.35	-219.20	0.00022	-141.42	-212.13	0.00022
-148.49	-205.06	0.00022	-155.56	-197.99	0.00022
-159.10	-194.45	0.00022	-162.63	-190.92	0.00021
-164.76	-188.80	0.00020	-166.17	-187.38	0.00020
-167.58	-185.97	0.00019	-169.00	-184.55	0.00018
-170.41	-183.14	0.00018	-183.14	-170.41	0.00014
-184.55	-169.00	0.00014	-185.97	-167.58	0.00014
-187.38	-166.17	0.00014	-188.80	-164.76	0.00014

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-190.92	-162.63	0.00014	-194.45	-159.10	0.00014	
-197.99	-155.56	0.00014	-205.06	-148.49	0.00014	
-212.13	-141.42	0.00014	-219.20	-134.35	0.00013	
-226.27	-127.28	0.00013	-233.35	-120.21	0.00013	
-240.42	-113.14	0.00013	-247.49	-106.07	0.00013	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 14:52:42
 MODELOPTs: * Maximum train overlap at NE/SW Bound Direction ***
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 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00006	240.42	113.14	0.00006	
233.35	120.21	0.00005	226.27	127.28	0.00005	
219.20	134.35	0.00005	212.13	141.42	0.00004	
205.06	148.49	0.00004	197.99	155.56	0.00004	
194.45	159.10	0.00004	190.92	162.63	0.00004	
188.80	164.76	0.00003	187.38	166.17	0.00003	
185.97	167.58	0.00003	184.55	169.00	0.00003	
183.14	170.41	0.00003	170.41	183.14	0.00004	
169.00	184.55	0.00004	167.58	185.97	0.00004	
166.17	187.38	0.00004	164.76	188.80	0.00004	
162.63	190.92	0.00004	159.10	194.45	0.00004	
155.56	197.99	0.00004	148.49	205.06	0.00004	
141.42	212.13	0.00004	134.35	219.20	0.00003	
127.28	226.27	0.00003	120.21	233.35	0.00003	
113.14	240.42	0.00003	106.07	247.49	0.00003	
240.42	98.99	0.00006	233.35	106.07	0.00006	
226.27	113.14	0.00006	219.20	120.21	0.00006	
212.13	127.28	0.00005	205.06	134.35	0.00005	
197.99	141.42	0.00004	190.92	148.49	0.00004	
187.38	152.03	0.00004	183.85	155.56	0.00004	
181.73	157.68	0.00004	180.31	159.10	0.00004	
178.90	160.51	0.00004	177.48	161.93	0.00004	
176.07	163.34	0.00004	163.34	176.07	0.00004	

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

161.93	177.48	0.00004	160.51	178.90	0.00004
159.10	180.31	0.00004	157.68	181.73	0.00004
155.56	183.85	0.00004	152.03	187.38	0.00004
148.49	190.92	0.00004	141.42	197.99	0.00004
134.35	205.06	0.00004	127.28	212.13	0.00004
120.21	219.20	0.00003	113.14	226.27	0.00003
106.07	233.35	0.00003	98.99	240.42	0.00003
233.35	91.92	0.00007	226.27	98.99	0.00007
219.20	106.07	0.00006	212.13	113.14	0.00006
205.06	120.21	0.00006	197.99	127.28	0.00005
190.92	134.35	0.00005	183.85	141.42	0.00004
180.31	144.96	0.00004	176.78	148.49	0.00004
174.66	150.61	0.00004	173.24	152.03	0.00004
171.83	153.44	0.00004	170.41	154.86	0.00004
169.00	156.27	0.00004	156.27	169.00	0.00004
154.86	170.41	0.00004	153.44	171.83	0.00004
152.03	173.24	0.00004	150.61	174.66	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00004	144.96	180.31	0.00004
141.42	183.85	0.00004	134.35	190.92	0.00004
127.28	197.99	0.00004	120.21	205.06	0.00004
113.14	212.13	0.00004	106.07	219.20	0.00004
99.00	226.27	0.00003	91.92	233.35	0.00003
226.27	84.85	0.00008	219.20	91.92	0.00008
212.13	98.99	0.00007	205.06	106.07	0.00007
197.99	113.14	0.00006	190.92	120.21	0.00006
183.85	127.28	0.00005	176.78	134.35	0.00005
173.24	137.89	0.00005	169.71	141.42	0.00005
167.58	143.54	0.00005	166.17	144.96	0.00005
164.76	146.37	0.00004	163.34	147.79	0.00004
161.93	149.20	0.00004	149.20	161.93	0.00005
147.79	163.34	0.00005	146.37	164.76	0.00005
144.96	166.17	0.00005	143.54	167.58	0.00005
141.42	169.71	0.00005	137.89	173.24	0.00005
134.35	176.78	0.00005	127.28	183.85	0.00005

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

120.21	190.92	0.00004	113.14	197.99	0.00004
106.07	205.06	0.00004	99.00	212.13	0.00004
91.92	219.20	0.00004	84.85	226.27	0.00004
219.20	77.78	0.00009	212.13	84.85	0.00009
205.06	91.92	0.00008	197.99	98.99	0.00008
190.92	106.07	0.00007	183.85	113.14	0.00007
176.78	120.21	0.00006	169.71	127.28	0.00006
166.17	130.81	0.00005	162.63	134.35	0.00005
160.51	136.47	0.00005	159.10	137.89	0.00005
157.68	139.30	0.00005	156.27	140.71	0.00005
154.86	142.13	0.00005	142.13	154.86	0.00005
140.71	156.27	0.00005	139.30	157.68	0.00005
137.89	159.10	0.00005	136.47	160.51	0.00005
134.35	162.63	0.00005	130.81	166.17	0.00005
127.28	169.71	0.00005	120.21	176.78	0.00005
113.14	183.85	0.00005	106.07	190.92	0.00004
99.00	197.99	0.00004	91.92	205.06	0.00004
84.85	212.13	0.00004	77.78	219.20	0.00004
212.13	70.71	0.00010	205.06	77.78	0.00010
197.99	84.85	0.00009	190.92	91.92	0.00009
183.85	98.99	0.00008	176.78	106.07	0.00007
169.71	113.14	0.00007	162.63	120.21	0.00006
159.10	123.74	0.00006	155.56	127.28	0.00006

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

14:52:42
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00006	152.03	130.81	0.00005
150.61	132.23	0.00005	149.20	133.64	0.00005
147.79	135.06	0.00005	135.06	147.79	0.00006
133.64	149.20	0.00006	132.23	150.61	0.00006
130.81	152.03	0.00006	129.40	153.44	0.00006
127.28	155.56	0.00006	123.74	159.10	0.00006
120.21	162.63	0.00006	113.14	169.71	0.00005
106.07	176.78	0.00005	98.99	183.85	0.00005
91.92	190.92	0.00005	84.85	197.99	0.00004
77.78	205.06	0.00004	70.71	212.13	0.00004
205.06	63.64	0.00012	197.99	70.71	0.00011

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00010	183.85	84.85	0.00010
176.78	91.92	0.00009	169.71	98.99	0.00008
162.63	106.07	0.00008	155.56	113.14	0.00007
152.03	116.67	0.00007	148.49	120.21	0.00006
146.37	122.33	0.00006	144.96	123.74	0.00006
143.54	125.16	0.00006	142.13	126.57	0.00006
140.71	127.99	0.00006	127.99	140.71	0.00006
126.57	142.13	0.00006	125.16	143.54	0.00006
123.74	144.96	0.00006	122.33	146.37	0.00006
120.21	148.49	0.00006	116.67	152.03	0.00006
113.14	155.56	0.00006	106.07	162.63	0.00006
98.99	169.71	0.00006	91.92	176.78	0.00005
84.85	183.85	0.00005	77.78	190.92	0.00005
70.71	197.99	0.00005	63.64	205.06	0.00005
197.99	56.57	0.00014	190.92	63.64	0.00013
183.85	70.71	0.00012	176.78	77.78	0.00011
169.71	84.85	0.00010	162.63	91.92	0.00010
155.56	98.99	0.00009	148.49	106.07	0.00008
144.96	109.60	0.00008	141.42	113.14	0.00007
139.30	115.26	0.00007	137.89	116.67	0.00007
136.47	118.09	0.00007	135.06	119.50	0.00007
133.64	120.92	0.00007	120.92	133.64	0.00007
119.50	135.06	0.00007	118.09	136.47	0.00007
116.67	137.89	0.00007	115.26	139.30	0.00007
113.14	141.42	0.00007	109.60	144.96	0.00007
106.07	148.49	0.00007	98.99	155.56	0.00007
91.92	162.63	0.00006	84.85	169.71	0.00006
77.78	176.78	0.00006	70.71	183.85	0.00005
63.64	190.92	0.00005	56.57	197.99	0.00005

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

14:52:42
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00016	183.85	56.57	0.00015
176.78	63.64	0.00014	169.71	70.71	0.00013
162.63	77.78	0.00012	155.56	84.85	0.00011
148.49	91.92	0.00010	141.42	98.99	0.00009
137.89	102.53	0.00009	134.35	106.07	0.00008

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00008	130.81	109.60	0.00008
129.40	111.02	0.00008	127.99	112.43	0.00008
126.57	113.84	0.00008	113.84	126.57	0.00008
112.43	127.99	0.00008	111.02	129.40	0.00008
109.60	130.81	0.00008	108.19	132.23	0.00008
106.07	134.35	0.00008	102.53	137.89	0.00008
98.99	141.42	0.00008	91.92	148.49	0.00007
84.85	155.56	0.00007	77.78	162.63	0.00006
70.71	169.71	0.00006	63.64	176.78	0.00006
56.57	183.85	0.00006	49.50	190.92	0.00005
183.85	42.43	0.00019	176.78	49.50	0.00018
169.71	56.57	0.00016	162.63	63.64	0.00015
155.56	70.71	0.00014	148.49	77.78	0.00013
141.42	84.85	0.00012	134.35	91.92	0.00011
130.81	95.46	0.00010	127.28	98.99	0.00009
125.16	101.12	0.00009	123.74	102.53	0.00009
122.33	103.94	0.00009	120.92	105.36	0.00009
119.50	106.77	0.00009	106.77	119.50	0.00009
105.36	120.92	0.00009	103.94	122.33	0.00009
102.53	123.74	0.00009	101.12	125.16	0.00009
98.99	127.28	0.00009	95.46	130.81	0.00009
91.92	134.35	0.00009	84.85	141.42	0.00008
77.78	148.49	0.00007	70.71	155.56	0.00007
63.64	162.63	0.00007	56.57	169.71	0.00006
49.50	176.78	0.00006	42.43	183.85	0.00006
176.78	35.36	0.00023	169.71	42.43	0.00021
162.63	49.50	0.00019	155.56	56.57	0.00018
148.49	63.64	0.00017	141.42	70.71	0.00015
134.35	77.78	0.00014	127.28	84.85	0.00012
123.74	88.39	0.00012	120.21	91.92	0.00011
118.09	94.05	0.00010	116.67	95.46	0.00010
115.26	96.87	0.00010	113.84	98.29	0.00010
112.43	99.70	0.00010	99.70	112.43	0.00010
98.29	113.84	0.00010	96.87	115.26	0.00010
95.46	116.67	0.00010	94.05	118.09	0.00010

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

14:52:42
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00010	88.39	123.74	0.00010
84.85	127.28	0.00010	77.78	134.35	0.00009
70.71	141.42	0.00008	63.64	148.49	0.00008
56.57	155.56	0.00008	49.50	162.63	0.00007
42.43	169.71	0.00007	35.36	176.78	0.00006
169.71	28.28	0.00028	162.63	35.36	0.00026
155.56	42.43	0.00024	148.49	49.50	0.00022
141.42	56.57	0.00020	134.35	63.64	0.00018
127.28	70.71	0.00016	120.21	77.78	0.00015
116.67	81.32	0.00014	113.14	84.85	0.00013
111.02	86.97	0.00012	109.60	88.39	0.00012
108.19	89.80	0.00012	106.77	91.22	0.00011
105.36	92.63	0.00011	92.63	105.36	0.00012
91.22	106.77	0.00012	89.80	108.19	0.00012
88.39	109.60	0.00012	86.97	111.02	0.00012
84.85	113.14	0.00011	81.32	116.67	0.00011
77.78	120.21	0.00011	70.71	127.28	0.00010
63.64	134.35	0.00009	56.57	141.42	0.00009
49.50	148.49	0.00008	42.43	155.56	0.00008
35.36	162.63	0.00007	28.28	169.71	0.00007
162.63	21.21	0.00035	155.56	28.28	0.00032
148.49	35.36	0.00030	141.42	42.43	0.00027
134.35	49.50	0.00024	127.28	56.57	0.00022
120.21	63.64	0.00020	113.14	70.71	0.00017
109.60	74.25	0.00016	106.07	77.78	0.00015
103.94	79.90	0.00014	102.53	81.32	0.00014
101.12	82.73	0.00014	99.70	84.15	0.00013
98.29	85.56	0.00013	85.56	98.29	0.00013
84.15	99.70	0.00013	82.73	101.12	0.00013
81.32	102.53	0.00013	79.90	103.94	0.00013
77.78	106.07	0.00013	74.25	109.60	0.00013
70.71	113.14	0.00012	63.64	120.21	0.00011
56.57	127.28	0.00011	49.50	134.35	0.00010
42.43	141.42	0.00009	35.36	148.49	0.00009
28.28	155.56	0.00008	21.21	162.63	0.00008
155.56	14.14	0.00043	148.49	21.21	0.00041
141.42	28.28	0.00038	134.35	35.36	0.00034
127.28	42.43	0.00031	120.21	49.50	0.00027
113.14	56.57	0.00024	106.07	63.64	0.00021
102.53	67.18	0.00020	98.99	70.71	0.00018

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTS:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00017	95.46	74.25	0.00017
94.05	75.66	0.00016	92.63	77.07	0.00016
91.22	78.49	0.00016	78.49	91.22	0.00016
77.07	92.63	0.00016	75.66	94.05	0.00016
74.25	95.46	0.00016	72.83	96.87	0.00016
70.71	98.99	0.00015	67.18	102.53	0.00015
63.64	106.07	0.00014	56.57	113.14	0.00013
49.50	120.21	0.00012	42.43	127.28	0.00011
35.36	134.35	0.00011	28.28	141.42	0.00010
21.21	148.49	0.00009	14.14	155.56	0.00009
148.49	7.07	0.00055	141.42	14.14	0.00052
134.35	21.21	0.00049	127.28	28.28	0.00045
120.21	35.36	0.00040	113.14	42.43	0.00035
106.07	49.50	0.00031	98.99	56.57	0.00027
95.46	60.10	0.00025	91.92	63.64	0.00023
89.80	65.76	0.00022	88.39	67.18	0.00021
86.97	68.59	0.00020	85.56	70.00	0.00019
84.15	71.42	0.00019	71.42	84.15	0.00019
70.00	85.56	0.00019	68.59	86.97	0.00019
67.18	88.39	0.00019	65.76	89.80	0.00018
63.64	91.92	0.00018	60.10	95.46	0.00017
56.57	98.99	0.00016	49.50	106.07	0.00015
42.43	113.14	0.00014	35.36	120.21	0.00013
28.28	127.28	0.00012	21.21	134.35	0.00011
14.14	141.42	0.00011	7.07	148.49	0.00010
141.42	0.00	0.00069	134.35	7.07	0.00067
127.28	14.14	0.00064	120.21	21.21	0.00060
113.14	28.28	0.00054	106.07	35.36	0.00047
98.99	42.43	0.00041	91.92	49.50	0.00035
88.39	53.03	0.00032	84.85	56.57	0.00029
82.73	58.69	0.00027	81.32	60.10	0.00026
79.90	61.52	0.00025	78.49	62.93	0.00024
77.07	64.35	0.00023	64.35	77.07	0.00023
62.93	78.49	0.00023	61.52	79.90	0.00023
60.10	81.32	0.00022	58.69	82.73	0.00022
56.57	84.85	0.00021	53.03	88.39	0.00020
49.50	91.92	0.00019	42.43	98.99	0.00017

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

35.36	106.07	0.00016	28.28	113.14	0.00015
21.21	120.21	0.00014	14.14	127.28	0.00013
7.07	134.35	0.00013	0.00	141.42	0.00012

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00086	127.28	0.00	0.00086
120.21	7.07	0.00084	113.14	14.14	0.00081
106.07	21.21	0.00075	98.99	28.28	0.00066
91.92	35.36	0.00057	84.85	42.43	0.00047
81.32	45.96	0.00042	77.78	49.50	0.00038
75.66	51.62	0.00036	74.25	53.03	0.00034
72.83	54.45	0.00033	71.42	55.86	0.00031
70.00	57.28	0.00030	57.28	70.00	0.00028
55.86	71.42	0.00028	54.45	72.83	0.00028
53.03	74.25	0.00027	51.62	75.66	0.00026
49.50	77.78	0.00026	45.96	81.32	0.00024
42.43	84.85	0.00023	35.36	91.92	0.00021
28.28	98.99	0.00019	21.21	106.07	0.00018
14.14	113.14	0.00017	7.07	120.21	0.00016
0.00	127.28	0.00015	-7.07	134.35	0.00014
127.28	-14.14	0.00107	120.21	-7.07	0.00109
113.14	0.00	0.00110	106.07	7.07	0.00109
98.99	14.14	0.00105	91.92	21.21	0.00097
84.85	28.28	0.00084	77.78	35.36	0.00068
74.25	38.89	0.00061	70.71	42.43	0.00053
68.59	44.55	0.00049	67.18	45.96	0.00047
65.76	47.38	0.00044	64.35	48.79	0.00042
62.93	50.20	0.00040	50.20	62.93	0.00036
48.79	64.35	0.00035	47.38	65.76	0.00034
45.96	67.18	0.00033	44.55	68.59	0.00032
42.43	70.71	0.00031	38.89	74.25	0.00029
35.36	77.78	0.00028	28.28	84.85	0.00025
21.21	91.92	0.00023	14.14	98.99	0.00022
7.07	106.07	0.00021	0.00	113.14	0.00020
-7.07	120.21	0.00019	-14.14	127.28	0.00018
120.21	-21.21	0.00132	113.14	-14.14	0.00138

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00144	98.99	0.00	0.00147
91.92	7.07	0.00147	84.85	14.14	0.00143
77.78	21.21	0.00131	70.71	28.28	0.00110
67.18	31.82	0.00096	63.64	35.36	0.00082
61.52	37.48	0.00074	60.10	38.89	0.00069
58.69	40.31	0.00065	57.28	41.72	0.00060
55.86	43.13	0.00056	43.13	55.86	0.00046
41.72	57.28	0.00045	40.31	58.69	0.00043
38.89	60.10	0.00042	37.48	61.52	0.00041

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00039	31.82	67.18	0.00037
28.28	70.71	0.00035	21.21	77.78	0.00032
14.14	84.85	0.00030	7.07	91.92	0.00028
0.00	98.99	0.00026	-7.07	106.07	0.00025
-14.14	113.14	0.00023	-21.21	120.21	0.00022
113.14	-28.28	0.00158	106.07	-21.21	0.00171
98.99	-14.14	0.00183	91.92	-7.07	0.00195
84.85	0.00	0.00204	77.78	7.07	0.00209
70.71	14.14	0.00206	63.64	21.21	0.00189
60.10	24.75	0.00173	56.57	28.28	0.00150
54.45	30.41	0.00134	53.03	31.82	0.00122
51.62	33.23	0.00111	50.20	34.65	0.00100
48.79	36.06	0.00090	36.06	48.79	0.00061
34.65	50.20	0.00059	33.23	51.62	0.00057
31.82	53.03	0.00055	30.41	54.45	0.00053
28.28	56.57	0.00051	24.75	60.10	0.00049
21.21	63.64	0.00047	14.14	70.71	0.00044
7.07	77.78	0.00041	0.00	84.85	0.00038
-7.07	91.92	0.00035	-14.14	98.99	0.00032
-21.21	106.07	0.00030	-28.28	113.14	0.00027
106.07	-35.36	0.00185	98.99	-28.28	0.00203
91.92	-21.21	0.00224	84.85	-14.14	0.00246
77.78	-7.07	0.00269	70.71	0.00	0.00291
63.64	7.07	0.00310	56.57	14.14	0.00318
53.03	17.68	0.00314	49.50	21.21	0.00300

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00285	45.96	24.75	0.00271
44.55	26.16	0.00253	43.13	27.58	0.00232
41.72	28.99	0.00205	28.99	41.72	0.00086
27.58	43.13	0.00084	26.16	44.55	0.00083
24.75	45.96	0.00081	23.33	47.38	0.00080
21.21	49.50	0.00078	17.68	53.03	0.00075
14.14	56.57	0.00072	7.07	63.64	0.00065
0.00	70.71	0.00058	-7.07	77.78	0.00051
-14.14	84.85	0.00046	-21.21	91.92	0.00041
-28.28	98.99	0.00037	-35.36	106.07	0.00033
98.99	-42.43	0.00207	91.92	-35.36	0.00232
84.85	-28.28	0.00260	77.78	-21.21	0.00292
70.71	-14.14	0.00327	63.64	-7.07	0.00366
56.57	0.00	0.00407	49.50	7.07	0.00444
45.96	10.61	0.00459	42.43	14.14	0.00468

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00469	38.89	17.68	0.00467
37.48	19.09	0.00465	36.06	20.51	0.00463
34.65	21.92	0.00460	21.92	34.65	0.00163
20.51	36.06	0.00154	19.09	37.48	0.00147
17.68	38.89	0.00141	16.26	40.31	0.00135
14.14	42.43	0.00128	10.61	45.96	0.00117
7.07	49.50	0.00107	0.00	56.57	0.00091
-7.07	63.64	0.00077	-14.14	70.71	0.00067
-21.21	77.78	0.00058	-28.28	84.85	0.00051
-35.36	91.92	0.00045	-42.43	98.99	0.00040
91.92	-49.50	0.00223	84.85	-42.43	0.00252
77.78	-35.36	0.00286	70.71	-28.28	0.00326
63.64	-21.21	0.00370	56.57	-14.14	0.00419
49.50	-7.07	0.00469	42.43	0.00	0.00514
38.89	3.54	0.00530	35.36	7.07	0.00537
33.23	9.19	0.00535	31.82	10.61	0.00531
30.41	12.02	0.00525	28.99	13.44	0.00518
27.58	14.85	0.00511	14.85	27.58	0.00199
13.44	28.99	0.00194	12.02	30.41	0.00188

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00183	9.19	33.23	0.00178
7.07	35.36	0.00170	3.54	38.89	0.00156
0.00	42.43	0.00142	-7.07	49.50	0.00118
-14.14	56.57	0.00098	-21.21	63.64	0.00083
-28.28	70.71	0.00070	-35.36	77.78	0.00061
-42.43	84.85	0.00053	-49.50	91.92	0.00046
84.85	-56.57	0.00233	77.78	-49.50	0.00265
70.71	-42.43	0.00303	63.64	-35.36	0.00347
56.57	-28.28	0.00397	49.50	-21.21	0.00450
42.43	-14.14	0.00504	35.36	-7.07	0.00548
31.82	-3.54	0.00561	28.28	0.00	0.00566
26.16	2.12	0.00563	24.75	3.54	0.00558
23.33	4.95	0.00550	21.92	6.36	0.00541
20.51	7.78	0.00533	7.78	20.51	0.00212
6.36	21.92	0.00208	4.95	23.33	0.00204
3.54	24.75	0.00201	2.12	26.16	0.00198
0.00	28.28	0.00192	-3.54	31.82	0.00180
-7.07	35.36	0.00167	-14.14	42.43	0.00140
-21.21	49.50	0.00116	-28.28	56.57	0.00097
-35.36	63.64	0.00082	-42.43	70.71	0.00070
-49.50	77.78	0.00060	-56.57	84.85	0.00052

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00235	70.71	-56.57	0.00269
63.64	-49.50	0.00309	56.57	-42.43	0.00355
49.50	-35.36	0.00408	42.43	-28.28	0.00464
35.36	-21.21	0.00519	28.28	-14.14	0.00565
24.75	-10.61	0.00578	21.21	-7.07	0.00581
19.09	-4.95	0.00577	17.68	-3.54	0.00571
16.26	-2.12	0.00564	14.85	-0.71	0.00555
13.44	0.71	0.00546	0.71	13.44	0.00219
-0.71	14.85	0.00215	-2.12	16.26	0.00212
-3.54	17.68	0.00209	-4.95	19.09	0.00206
-7.07	21.21	0.00202	-10.61	24.75	0.00193
-14.14	28.28	0.00181	-21.21	35.36	0.00155
-28.28	42.43	0.00130	-35.36	49.50	0.00109

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00092	-49.50	63.64	0.00078
-56.57	70.71	0.00067	-63.64	77.78	0.00058
70.71	-70.71	0.00231	63.64	-63.64	0.00265
56.57	-56.57	0.00304	49.50	-49.50	0.00351
42.43	-42.43	0.00404	35.36	-35.36	0.00462
28.28	-28.28	0.00521	21.21	-21.21	0.00569
17.68	-17.68	0.00583	14.14	-14.14	0.00587
12.02	-12.02	0.00582	10.61	-10.61	0.00577
9.19	-9.19	0.00570	7.78	-7.78	0.00562
6.36	-6.36	0.00553	-6.36	6.36	0.00223
-7.78	7.78	0.00218	-9.19	9.19	0.00215
-10.61	10.61	0.00213	-12.02	12.02	0.00210
-14.14	14.14	0.00206	-17.68	17.68	0.00198
-21.21	21.21	0.00188	-28.28	28.28	0.00164
-35.36	35.36	0.00140	-42.43	42.43	0.00118
-49.50	49.50	0.00100	-56.57	56.57	0.00085
-63.64	63.64	0.00072	-70.71	70.71	0.00062
63.64	-77.78	0.00219	56.57	-70.71	0.00251
49.50	-63.64	0.00289	42.43	-56.57	0.00334
35.36	-49.50	0.00386	28.28	-42.43	0.00445
21.21	-35.36	0.00507	14.14	-28.28	0.00559
10.61	-24.75	0.00576	7.07	-21.21	0.00583
4.95	-19.09	0.00580	3.54	-17.68	0.00576
2.12	-16.26	0.00570	0.71	-14.85	0.00562
-0.71	-13.44	0.00553	-13.44	-0.71	0.00222
-14.85	0.71	0.00218	-16.26	2.12	0.00215
-17.68	3.54	0.00213	-19.09	4.95	0.00211

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00207	-24.75	10.61	0.00199
-28.28	14.14	0.00190	-35.36	21.21	0.00168
-42.43	28.28	0.00144	-49.50	35.36	0.00123
-56.57	42.43	0.00104	-63.64	49.50	0.00088
-70.71	56.57	0.00076	-77.78	63.64	0.00065
56.57	-84.85	0.00201	49.50	-77.78	0.00229
42.43	-70.71	0.00263	35.36	-63.64	0.00304

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00352	21.21	-49.50	0.00408
14.14	-42.43	0.00468	7.07	-35.36	0.00526
3.54	-31.82	0.00549	0.00	-28.28	0.00562
-2.12	-26.16	0.00564	-3.54	-24.75	0.00562
-4.95	-23.33	0.00558	-6.36	-21.92	0.00552
-7.78	-20.51	0.00545	-20.51	-7.78	0.00217
-21.92	-6.36	0.00213	-23.33	-4.95	0.00211
-24.75	-3.54	0.00209	-26.16	-2.12	0.00207
-28.28	0.00	0.00204	-31.82	3.54	0.00197
-35.36	7.07	0.00188	-42.43	14.14	0.00166
-49.50	21.21	0.00144	-56.57	28.28	0.00123
-63.64	35.36	0.00105	-70.71	42.43	0.00089
-77.78	49.50	0.00076	-84.85	56.57	0.00066
49.50	-91.92	0.00177	42.43	-84.85	0.00201
35.36	-77.78	0.00228	28.28	-70.71	0.00262
21.21	-63.64	0.00301	14.14	-56.57	0.00347
7.07	-49.50	0.00399	0.00	-42.43	0.00453
-3.54	-38.89	0.00479	-7.07	-35.36	0.00501
-9.19	-33.23	0.00511	-10.61	-31.82	0.00516
-12.02	-30.41	0.00518	-13.44	-28.99	0.00518
-14.85	-27.58	0.00517	-27.58	-14.85	0.00205
-28.99	-13.44	0.00202	-30.41	-12.02	0.00201
-31.82	-10.61	0.00200	-33.23	-9.19	0.00198
-35.36	-7.07	0.00196	-38.89	-3.54	0.00188
-42.43	0.00	0.00179	-49.50	7.07	0.00158
-56.57	14.14	0.00137	-63.64	21.21	0.00118
-70.71	28.28	0.00101	-77.78	35.36	0.00087
-84.85	42.43	0.00075	-91.92	49.50	0.00065
42.43	-98.99	0.00152	35.36	-91.92	0.00169
28.28	-84.85	0.00190	21.21	-77.78	0.00213
14.14	-70.71	0.00240	7.07	-63.64	0.00269
0.00	-56.57	0.00299	-7.07	-49.50	0.00328
-10.61	-45.96	0.00342	-14.14	-42.43	0.00356

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00366	-17.68	-38.89	0.00373

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00381	-20.51	-36.06	0.00392
-21.92	-34.65	0.00406	-34.65	-21.92	0.00182
-36.06	-20.51	0.00179	-37.48	-19.09	0.00177
-38.89	-17.68	0.00175	-40.31	-16.26	0.00174
-42.43	-14.14	0.00171	-45.96	-10.61	0.00164
-49.50	-7.07	0.00156	-56.57	0.00	0.00139
-63.64	7.07	0.00123	-70.71	14.14	0.00107
-77.78	21.21	0.00093	-84.85	28.28	0.00081
-91.92	35.36	0.00071	-98.99	42.43	0.00062
35.36	-106.07	0.00127	28.28	-98.99	0.00139
21.21	-91.92	0.00153	14.14	-84.85	0.00167
7.07	-77.78	0.00182	0.00	-70.71	0.00195
-7.07	-63.64	0.00204	-14.14	-56.57	0.00204
-17.68	-53.03	0.00199	-21.21	-49.50	0.00191
-23.33	-47.38	0.00184	-24.75	-45.96	0.00178
-26.16	-44.55	0.00172	-27.58	-43.13	0.00165
-28.99	-41.72	0.00157	-41.72	-28.99	0.00106
-43.13	-27.58	0.00111	-44.55	-26.16	0.00114
-45.96	-24.75	0.00117	-47.38	-23.33	0.00120
-49.50	-21.21	0.00123	-53.03	-17.68	0.00124
-56.57	-14.14	0.00122	-63.64	-7.07	0.00115
-70.71	0.00	0.00105	-77.78	7.07	0.00094
-84.85	14.14	0.00084	-91.92	21.21	0.00074
-98.99	28.28	0.00066	-106.07	35.36	0.00058
28.28	-113.14	0.00106	21.21	-106.07	0.00114
14.14	-98.99	0.00122	7.07	-91.92	0.00130
0.00	-84.85	0.00137	-7.07	-77.78	0.00141
-14.14	-70.71	0.00140	-21.21	-63.64	0.00134
-24.75	-60.10	0.00129	-28.28	-56.57	0.00122
-30.41	-54.45	0.00118	-31.82	-53.03	0.00115
-33.23	-51.62	0.00112	-34.65	-50.20	0.00109
-36.06	-48.79	0.00106	-48.79	-36.06	0.00069
-50.20	-34.65	0.00071	-51.62	-33.23	0.00073
-53.03	-31.82	0.00075	-54.45	-30.41	0.00077
-56.57	-28.28	0.00081	-60.10	-24.75	0.00086
-63.64	-21.21	0.00088	-70.71	-14.14	0.00088
-77.78	-7.07	0.00085	-84.85	0.00	0.00079
-91.92	7.07	0.00072	-98.99	14.14	0.00066
-106.07	21.21	0.00060	-113.14	28.28	0.00054

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00088	14.14	-113.14	0.00093
7.07	-106.07	0.00098	0.00	-98.99	0.00101
-7.07	-91.92	0.00104	-14.14	-84.85	0.00104
-21.21	-77.78	0.00102	-28.28	-70.71	0.00098
-31.82	-67.18	0.00095	-35.36	-63.64	0.00092
-37.48	-61.52	0.00090	-38.89	-60.10	0.00089
-40.31	-58.69	0.00087	-41.72	-57.28	0.00085
-43.13	-55.86	0.00083	-55.86	-43.13	0.00055
-57.28	-41.72	0.00055	-58.69	-40.31	0.00056
-60.10	-38.89	0.00056	-61.52	-37.48	0.00057
-63.64	-35.36	0.00058	-67.18	-31.82	0.00061
-70.71	-28.28	0.00063	-77.78	-21.21	0.00066
-84.85	-14.14	0.00066	-91.92	-7.07	0.00064
-98.99	0.00	0.00061	-106.07	7.07	0.00057
-113.14	14.14	0.00052	-120.21	21.21	0.00048
14.14	-127.28	0.00073	7.07	-120.21	0.00076
0.00	-113.14	0.00078	-7.07	-106.07	0.00080
-14.14	-98.99	0.00081	-21.21	-91.92	0.00081
-28.28	-84.85	0.00079	-35.36	-77.78	0.00076
-38.89	-74.25	0.00075	-42.43	-70.71	0.00073
-44.55	-68.59	0.00072	-45.96	-67.18	0.00072
-47.38	-65.76	0.00071	-48.79	-64.35	0.00069
-50.20	-62.93	0.00067	-62.93	-50.20	0.00045
-64.35	-48.79	0.00045	-65.76	-47.38	0.00046
-67.18	-45.96	0.00046	-68.59	-44.55	0.00046
-70.71	-42.43	0.00046	-74.25	-38.89	0.00046
-77.78	-35.36	0.00047	-84.85	-28.28	0.00050
-91.92	-21.21	0.00051	-98.99	-14.14	0.00051
-106.07	-7.07	0.00050	-113.14	0.00	0.00048
-120.21	7.07	0.00045	-127.28	14.14	0.00042
7.07	-134.35	0.00061	0.00	-127.28	0.00062
-7.07	-120.21	0.00064	-14.14	-113.14	0.00065
-21.21	-106.07	0.00065	-28.28	-98.99	0.00065
-35.36	-91.92	0.00063	-42.43	-84.85	0.00062
-45.96	-81.32	0.00061	-49.50	-77.78	0.00060
-51.62	-75.66	0.00060	-53.03	-74.25	0.00059
-54.45	-72.83	0.00058	-55.86	-71.42	0.00057
-57.28	-70.00	0.00055	-70.00	-57.28	0.00038
-71.42	-55.86	0.00038	-72.83	-54.45	0.00038

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-74.25 -53.03 0.00038 -75.66 -51.62 0.00038

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00038	-81.32	-45.96	0.00038
-84.85	-42.43	0.00038	-91.92	-35.36	0.00039
-98.99	-28.28	0.00040	-106.07	-21.21	0.00041
-113.14	-14.14	0.00041	-120.21	-7.07	0.00040
-127.28	0.00	0.00039	-134.35	7.07	0.00037
0.00	-141.42	0.00051	-7.07	-134.35	0.00052
-14.14	-127.28	0.00053	-21.21	-120.21	0.00054
-28.28	-113.14	0.00054	-35.36	-106.07	0.00053
-42.43	-98.99	0.00052	-49.50	-91.92	0.00051
-53.03	-88.39	0.00051	-56.57	-84.85	0.00051
-58.69	-82.73	0.00050	-60.10	-81.32	0.00049
-61.52	-79.90	0.00048	-62.93	-78.49	0.00047
-64.35	-77.07	0.00045	-77.07	-64.35	0.00032
-78.49	-62.93	0.00032	-79.90	-61.52	0.00032
-81.32	-60.10	0.00032	-82.73	-58.69	0.00032
-84.85	-56.57	0.00032	-88.39	-53.03	0.00032
-91.92	-49.50	0.00032	-98.99	-42.43	0.00031
-106.07	-35.36	0.00032	-113.14	-28.28	0.00033
-120.21	-21.21	0.00033	-127.28	-14.14	0.00034
-134.35	-7.07	0.00033	-141.42	0.00	0.00032
-7.07	-148.49	0.00044	-14.14	-141.42	0.00044
-21.21	-134.35	0.00045	-28.28	-127.28	0.00045
-35.36	-120.21	0.00045	-42.43	-113.14	0.00044
-49.50	-106.07	0.00043	-56.57	-98.99	0.00043
-60.10	-95.46	0.00043	-63.64	-91.92	0.00043
-65.76	-89.80	0.00042	-67.18	-88.39	0.00041
-68.59	-86.97	0.00040	-70.00	-85.56	0.00039
-71.42	-84.15	0.00037	-84.15	-71.42	0.00027
-85.56	-70.00	0.00027	-86.97	-68.59	0.00027
-88.39	-67.18	0.00027	-89.80	-65.76	0.00027
-91.92	-63.64	0.00027	-95.46	-60.10	0.00027
-98.99	-56.57	0.00027	-106.07	-49.50	0.00026
-113.14	-42.43	0.00026	-120.21	-35.36	0.00027

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00027	-134.35	-21.21	0.00028
-141.42	-14.14	0.00028	-148.49	-7.07	0.00028
-14.14	-155.56	0.00038	-21.21	-148.49	0.00038
-28.28	-141.42	0.00038	-35.36	-134.35	0.00038
-42.43	-127.28	0.00038	-49.50	-120.21	0.00037
-56.57	-113.14	0.00037	-63.64	-106.07	0.00037
-67.18	-102.53	0.00037	-70.71	-98.99	0.00036

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00036	-74.25	-95.46	0.00035
-75.66	-94.05	0.00034	-77.07	-92.63	0.00033
-78.49	-91.22	0.00032	-91.22	-78.49	0.00023
-92.63	-77.07	0.00023	-94.05	-75.66	0.00023
-95.46	-74.25	0.00023	-96.87	-72.83	0.00023
-98.99	-70.71	0.00023	-102.53	-67.18	0.00024
-106.07	-63.64	0.00023	-113.14	-56.57	0.00023
-120.21	-49.50	0.00022	-127.28	-42.43	0.00022
-134.35	-35.36	0.00023	-141.42	-28.28	0.00023
-148.49	-21.21	0.00023	-155.56	-14.14	0.00024
-21.21	-162.63	0.00033	-28.28	-155.56	0.00033
-35.36	-148.49	0.00033	-42.43	-141.42	0.00033
-49.50	-134.35	0.00032	-56.57	-127.28	0.00032
-63.64	-120.21	0.00032	-70.71	-113.14	0.00032
-74.25	-109.60	0.00032	-77.78	-106.07	0.00031
-79.90	-103.94	0.00030	-81.32	-102.53	0.00030
-82.73	-101.12	0.00029	-84.15	-99.70	0.00028
-85.56	-98.29	0.00027	-98.29	-85.56	0.00020
-99.70	-84.15	0.00020	-101.12	-82.73	0.00020
-102.53	-81.32	0.00020	-103.94	-79.90	0.00020
-106.07	-77.78	0.00020	-109.60	-74.25	0.00020
-113.14	-70.71	0.00020	-120.21	-63.64	0.00020
-127.28	-56.57	0.00019	-134.35	-49.50	0.00019
-141.42	-42.43	0.00019	-148.49	-35.36	0.00020
-155.56	-28.28	0.00020	-162.63	-21.21	0.00020
-28.28	-169.71	0.00029	-35.36	-162.63	0.00029
-42.43	-155.56	0.00028	-49.50	-148.49	0.00028

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-141.42	0.00028	-63.64	-134.35	0.00028
-70.71	-127.28	0.00028	-77.78	-120.21	0.00028
-81.32	-116.67	0.00028	-84.85	-113.14	0.00027
-86.97	-111.02	0.00026	-88.39	-109.60	0.00026
-89.80	-108.19	0.00025	-91.22	-106.77	0.00024
-92.63	-105.36	0.00023	-105.36	-92.63	0.00018
-106.77	-91.22	0.00018	-108.19	-89.80	0.00018
-109.60	-88.39	0.00017	-111.02	-86.97	0.00018
-113.14	-84.85	0.00018	-116.67	-81.32	0.00018
-120.21	-77.78	0.00018	-127.28	-70.71	0.00018
-134.35	-63.64	0.00017	-141.42	-56.57	0.00017
-148.49	-49.50	0.00017	-155.56	-42.43	0.00017
-162.63	-35.36	0.00017	-169.71	-28.28	0.00017

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00025	-42.43	-169.71	0.00025
-49.50	-162.63	0.00025	-56.57	-155.56	0.00025
-63.64	-148.49	0.00025	-70.71	-141.42	0.00025
-77.78	-134.35	0.00025	-84.85	-127.28	0.00025
-88.39	-123.74	0.00024	-91.92	-120.21	0.00024
-94.05	-118.09	0.00023	-95.46	-116.67	0.00022
-96.87	-115.26	0.00022	-98.29	-113.84	0.00021
-99.70	-112.43	0.00020	-112.43	-99.70	0.00016
-113.84	-98.29	0.00016	-115.26	-96.87	0.00015
-116.67	-95.46	0.00015	-118.09	-94.05	0.00015
-120.21	-91.92	0.00015	-123.74	-88.39	0.00016
-127.28	-84.85	0.00016	-134.35	-77.78	0.00016
-141.42	-70.71	0.00015	-148.49	-63.64	0.00015
-155.56	-56.57	0.00014	-162.63	-49.50	0.00014
-169.71	-42.43	0.00015	-176.78	-35.36	0.00015
-42.43	-183.85	0.00022	-49.50	-176.78	0.00022
-56.57	-169.71	0.00022	-63.64	-162.63	0.00022
-70.71	-155.56	0.00022	-77.78	-148.49	0.00022
-84.85	-141.42	0.00022	-91.92	-134.35	0.00022
-95.46	-130.81	0.00022	-98.99	-127.28	0.00021
-101.12	-125.16	0.00020	-102.53	-123.74	0.00020

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-103.94	-122.33	0.00019	-105.36	-120.92	0.00018
-106.77	-119.50	0.00018	-119.50	-106.77	0.00014
-120.92	-105.36	0.00014	-122.33	-103.94	0.00014
-123.74	-102.53	0.00014	-125.16	-101.12	0.00014
-127.28	-98.99	0.00014	-130.81	-95.46	0.00014
-134.35	-91.92	0.00014	-141.42	-84.85	0.00014
-148.49	-77.78	0.00014	-155.56	-70.71	0.00013
-162.63	-63.64	0.00013	-169.71	-56.57	0.00013
-176.78	-49.50	0.00013	-183.85	-42.43	0.00013
-49.50	-190.92	0.00020	-56.57	-183.85	0.00020
-63.64	-176.78	0.00020	-70.71	-169.71	0.00020
-77.78	-162.63	0.00020	-84.85	-155.56	0.00020
-91.92	-148.49	0.00020	-98.99	-141.42	0.00020
-102.53	-137.89	0.00019	-106.07	-134.35	0.00018
-108.19	-132.23	0.00018	-109.60	-130.81	0.00017
-111.02	-129.40	0.00017	-112.43	-127.99	0.00016
-113.84	-126.57	0.00016	-126.57	-113.84	0.00013
-127.99	-112.43	0.00012	-129.40	-111.02	0.00012
-130.81	-109.60	0.00012	-132.23	-108.19	0.00012

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00012	-137.89	-102.53	0.00012
-141.42	-98.99	0.00012	-148.49	-91.92	0.00013
-155.56	-84.85	0.00012	-162.63	-77.78	0.00012
-169.71	-70.71	0.00012	-176.78	-63.64	0.00011
-183.85	-56.57	0.00011	-190.92	-49.50	0.00011
-56.57	-197.99	0.00018	-63.64	-190.92	0.00018
-70.71	-183.85	0.00018	-77.78	-176.78	0.00018
-84.85	-169.71	0.00018	-91.92	-162.63	0.00018
-98.99	-155.56	0.00018	-106.07	-148.49	0.00018
-109.60	-144.96	0.00017	-113.14	-141.42	0.00016
-115.26	-139.30	0.00016	-116.67	-137.89	0.00015
-118.09	-136.47	0.00015	-119.50	-135.06	0.00014
-120.92	-133.64	0.00014	-133.64	-120.92	0.00011
-135.06	-119.50	0.00011	-136.47	-118.09	0.00011
-137.89	-116.67	0.00011	-139.30	-115.26	0.00011

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00011	-144.96	-109.60	0.00011
-148.49	-106.07	0.00011	-155.56	-98.99	0.00011
-162.63	-91.92	0.00011	-169.71	-84.85	0.00011
-176.78	-77.78	0.00011	-183.85	-70.71	0.00010
-190.92	-63.64	0.00010	-197.99	-56.57	0.00010
-63.64	-205.06	0.00016	-70.71	-197.99	0.00016
-77.78	-190.92	0.00016	-84.85	-183.85	0.00016
-91.92	-176.78	0.00016	-98.99	-169.71	0.00016
-106.07	-162.63	0.00016	-113.14	-155.56	0.00016
-116.67	-152.03	0.00015	-120.21	-148.49	0.00015
-122.33	-146.37	0.00014	-123.74	-144.96	0.00014
-125.16	-143.54	0.00013	-126.57	-142.13	0.00013
-127.99	-140.71	0.00013	-140.71	-127.99	0.00010
-142.13	-126.57	0.00010	-143.54	-125.16	0.00010
-144.96	-123.74	0.00010	-146.37	-122.33	0.00010
-148.49	-120.21	0.00010	-152.03	-116.67	0.00010
-155.56	-113.14	0.00010	-162.63	-106.07	0.00010
-169.71	-98.99	0.00010	-176.78	-91.92	0.00010
-183.85	-84.85	0.00010	-190.92	-77.78	0.00009
-197.99	-70.71	0.00009	-205.06	-63.64	0.00009
-70.71	-212.13	0.00014	-77.78	-205.06	0.00014
-84.85	-197.99	0.00014	-91.92	-190.92	0.00014
-98.99	-183.85	0.00015	-106.07	-176.78	0.00015
-113.14	-169.71	0.00015	-120.21	-162.63	0.00014
-123.74	-159.10	0.00014	-127.28	-155.56	0.00013

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00013	-130.81	-152.03	0.00012
-132.23	-150.61	0.00012	-133.64	-149.20	0.00012
-135.06	-147.79	0.00011	-147.79	-135.06	0.00009
-149.20	-133.64	0.00009	-150.61	-132.23	0.00009
-152.03	-130.81	0.00009	-153.44	-129.40	0.00009
-155.56	-127.28	0.00009	-159.10	-123.74	0.00009
-162.63	-120.21	0.00009	-169.71	-113.14	0.00009
-176.78	-106.07	0.00009	-183.85	-98.99	0.00009
-190.92	-91.92	0.00009	-197.99	-84.85	0.00009

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-77.78	0.00008	-212.13	-70.71	0.00008
-77.78	-219.20	0.00013	-84.85	-212.13	0.00013
-91.92	-205.06	0.00013	-98.99	-197.99	0.00013
-106.07	-190.92	0.00013	-113.14	-183.85	0.00013
-120.21	-176.78	0.00013	-127.28	-169.71	0.00013
-130.81	-166.17	0.00012	-134.35	-162.63	0.00012
-136.47	-160.51	0.00011	-137.89	-159.10	0.00011
-139.30	-157.68	0.00011	-140.71	-156.27	0.00011
-142.13	-154.86	0.00010	-154.86	-142.13	0.00009
-156.27	-140.71	0.00009	-157.68	-139.30	0.00008
-159.10	-137.89	0.00008	-160.51	-136.47	0.00008
-162.63	-134.35	0.00008	-166.17	-130.81	0.00008
-169.71	-127.28	0.00008	-176.78	-120.21	0.00008
-183.85	-113.14	0.00009	-190.92	-106.07	0.00008
-197.99	-98.99	0.00008	-205.06	-91.92	0.00008
-212.13	-84.85	0.00008	-219.20	-77.78	0.00008
-84.85	-226.27	0.00012	-91.92	-219.20	0.00012
-98.99	-212.13	0.00012	-106.07	-205.06	0.00012
-113.14	-197.99	0.00012	-120.21	-190.92	0.00012
-127.28	-183.85	0.00012	-134.35	-176.78	0.00012
-137.89	-173.24	0.00011	-141.42	-169.71	0.00011
-143.54	-167.58	0.00010	-144.96	-166.17	0.00010
-146.37	-164.76	0.00010	-147.79	-163.34	0.00010
-149.20	-161.93	0.00009	-161.93	-149.20	0.00008
-163.34	-147.79	0.00008	-164.76	-146.37	0.00008
-166.17	-144.96	0.00008	-167.58	-143.54	0.00008
-169.71	-141.42	0.00008	-173.24	-137.89	0.00008
-176.78	-134.35	0.00008	-183.85	-127.28	0.00008
-190.92	-120.21	0.00008	-197.99	-113.14	0.00008
-205.06	-106.07	0.00008	-212.13	-98.99	0.00007
-219.20	-91.92	0.00007	-226.27	-84.85	0.00007

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00011	-98.99	-226.27	0.00011
-106.07	-219.20	0.00011	-113.14	-212.13	0.00011
-120.21	-205.06	0.00011	-127.28	-197.99	0.00011

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-134.35	-190.92	0.00011	-141.42	-183.85	0.00011
-144.96	-180.31	0.00010	-148.49	-176.78	0.00010
-150.61	-174.66	0.00009	-152.03	-173.24	0.00009
-153.44	-171.83	0.00009	-154.86	-170.41	0.00009
-156.27	-169.00	0.00009	-169.00	-156.27	0.00007
-170.41	-154.86	0.00007	-171.83	-153.44	0.00007
-173.24	-152.03	0.00007	-174.66	-150.61	0.00007
-176.78	-148.49	0.00007	-180.31	-144.96	0.00007
-183.85	-141.42	0.00007	-190.92	-134.35	0.00007
-197.99	-127.28	0.00007	-205.06	-120.21	0.00007
-212.13	-113.14	0.00007	-219.20	-106.07	0.00007
-226.27	-98.99	0.00007	-233.35	-91.92	0.00007
-98.99	-240.42	0.00010	-106.07	-233.35	0.00010
-113.14	-226.27	0.00010	-120.21	-219.20	0.00010
-127.28	-212.13	0.00011	-134.35	-205.06	0.00011
-141.42	-197.99	0.00010	-148.49	-190.92	0.00010
-152.03	-187.38	0.00009	-155.56	-183.85	0.00009
-157.68	-181.73	0.00009	-159.10	-180.31	0.00009
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00007
-177.48	-161.93	0.00007	-178.90	-160.51	0.00007
-180.31	-159.10	0.00007	-181.73	-157.68	0.00007
-183.85	-155.56	0.00006	-187.38	-152.03	0.00006
-190.92	-148.49	0.00006	-197.99	-141.42	0.00007
-205.06	-134.35	0.00007	-212.13	-127.28	0.00007
-219.20	-120.21	0.00007	-226.27	-113.14	0.00007
-233.35	-106.07	0.00006	-240.42	-98.99	0.00006
-106.07	-247.49	0.00010	-113.14	-240.42	0.00010
-120.21	-233.35	0.00010	-127.28	-226.27	0.00010
-134.35	-219.20	0.00010	-141.42	-212.13	0.00010
-148.49	-205.06	0.00010	-155.56	-197.99	0.00009
-159.10	-194.45	0.00009	-162.63	-190.92	0.00008
-164.76	-188.80	0.00008	-166.17	-187.38	0.00008
-167.58	-185.97	0.00008	-169.00	-184.55	0.00008
-170.41	-183.14	0.00007	-183.14	-170.41	0.00006
-184.55	-169.00	0.00006	-185.97	-167.58	0.00006
-187.38	-166.17	0.00006	-188.80	-164.76	0.00006

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW_Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00006	-194.45	-159.10	0.00006
-197.99	-155.56	0.00006	-205.06	-148.49	0.00006
-212.13	-141.42	0.00006	-219.20	-134.35	0.00006
-226.27	-127.28	0.00006	-233.35	-120.21	0.00006
-240.42	-113.14	0.00006	-247.49	-106.07	0.00006

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00019	240.42	113.14	0.00018
233.35	120.21	0.00016	226.27	127.28	0.00015
219.20	134.35	0.00014	212.13	141.42	0.00013
205.06	148.49	0.00012	197.99	155.56	0.00011
194.45	159.10	0.00010	190.92	162.63	0.00009
188.80	164.76	0.00009	187.38	166.17	0.00009
185.97	167.58	0.00009	184.55	169.00	0.00009
183.14	170.41	0.00009	170.41	183.14	0.00009
169.00	184.55	0.00009	167.58	185.97	0.00009
166.17	187.38	0.00009	164.76	188.80	0.00009
162.63	190.92	0.00009	159.10	194.45	0.00009
155.56	197.99	0.00009	148.49	205.06	0.00008
141.42	212.13	0.00007	134.35	219.20	0.00007
127.28	226.27	0.00007	120.21	233.35	0.00006
113.14	240.42	0.00006	106.07	247.49	0.00006
240.42	98.99	0.00023	233.35	106.07	0.00021
226.27	113.14	0.00019	219.20	120.21	0.00018
212.13	127.28	0.00017	205.06	134.35	0.00015
197.99	141.42	0.00014	190.92	148.49	0.00012
187.38	152.03	0.00012	183.85	155.56	0.00011
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00010
176.07	163.34	0.00010	163.34	176.07	0.00010
161.93	177.48	0.00010	160.51	178.90	0.00010
159.10	180.31	0.00010	157.68	181.73	0.00010
155.56	183.85	0.00010	152.03	187.38	0.00010

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00010	141.42	197.99	0.00009
134.35	205.06	0.00008	127.28	212.13	0.00008
120.21	219.20	0.00008	113.14	226.27	0.00007
106.07	233.35	0.00007	98.99	240.42	0.00006
233.35	91.92	0.00028	226.27	98.99	0.00026
219.20	106.07	0.00024	212.13	113.14	0.00022
205.06	120.21	0.00020	197.99	127.28	0.00018
190.92	134.35	0.00016	183.85	141.42	0.00015
180.31	144.96	0.00014	176.78	148.49	0.00013
174.66	150.61	0.00012	173.24	152.03	0.00012
171.83	153.44	0.00012	170.41	154.86	0.00011
169.00	156.27	0.00011	156.27	169.00	0.00012
154.86	170.41	0.00012	153.44	171.83	0.00012
152.03	173.24	0.00012	150.61	174.66	0.00012

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00011	144.96	180.31	0.00011
141.42	183.85	0.00011	134.35	190.92	0.00010
127.28	197.99	0.00009	120.21	205.06	0.00009
113.14	212.13	0.00008	106.07	219.20	0.00008
99.00	226.27	0.00007	91.92	233.35	0.00007
226.27	84.85	0.00035	219.20	91.92	0.00032
212.13	98.99	0.00030	205.06	106.07	0.00027
197.99	113.14	0.00024	190.92	120.21	0.00022
183.85	127.28	0.00020	176.78	134.35	0.00017
173.24	137.89	0.00016	169.71	141.42	0.00015
167.58	143.54	0.00014	166.17	144.96	0.00014
164.76	146.37	0.00014	163.34	147.79	0.00013
161.93	149.20	0.00013	149.20	161.93	0.00013
147.79	163.34	0.00013	146.37	164.76	0.00013
144.96	166.17	0.00013	143.54	167.58	0.00013
141.42	169.71	0.00013	137.89	173.24	0.00013
134.35	176.78	0.00012	127.28	183.85	0.00011
120.21	190.92	0.00011	113.14	197.99	0.00010
106.07	205.06	0.00009	99.00	212.13	0.00009
91.92	219.20	0.00008	84.85	226.27	0.00008

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00043	212.13	84.85	0.00041
205.06	91.92	0.00038	197.99	98.99	0.00034
190.92	106.07	0.00031	183.85	113.14	0.00027
176.78	120.21	0.00024	169.71	127.28	0.00021
166.17	130.81	0.00020	162.63	134.35	0.00018
160.51	136.47	0.00017	159.10	137.89	0.00017
157.68	139.30	0.00016	156.27	140.71	0.00016
154.86	142.13	0.00016	142.13	154.86	0.00016
140.71	156.27	0.00016	139.30	157.68	0.00016
137.89	159.10	0.00016	136.47	160.51	0.00016
134.35	162.63	0.00015	130.81	166.17	0.00015
127.28	169.71	0.00014	120.21	176.78	0.00013
113.14	183.85	0.00012	106.07	190.92	0.00011
99.00	197.99	0.00011	91.92	205.06	0.00010
84.85	212.13	0.00009	77.78	219.20	0.00009
212.13	70.71	0.00055	205.06	77.78	0.00052
197.99	84.85	0.00049	190.92	91.92	0.00045
183.85	98.99	0.00040	176.78	106.07	0.00035
169.71	113.14	0.00031	162.63	120.21	0.00027
159.10	123.74	0.00025	155.56	127.28	0.00023

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

14:52:42
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00022	152.03	130.81	0.00021
150.61	132.23	0.00020	149.20	133.64	0.00019
147.79	135.06	0.00019	135.06	147.79	0.00019
133.64	149.20	0.00019	132.23	150.61	0.00019
130.81	152.03	0.00019	129.40	153.44	0.00018
127.28	155.56	0.00018	123.74	159.10	0.00017
120.21	162.63	0.00016	113.14	169.71	0.00015
106.07	176.78	0.00014	98.99	183.85	0.00013
91.92	190.92	0.00012	84.85	197.99	0.00011
77.78	205.06	0.00011	70.71	212.13	0.00010
205.06	63.64	0.00069	197.99	70.71	0.00067
190.92	77.78	0.00064	183.85	84.85	0.00060
176.78	91.92	0.00054	169.71	98.99	0.00047
162.63	106.07	0.00041	155.56	113.14	0.00035

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00032	148.49	120.21	0.00029
146.37	122.33	0.00027	144.96	123.74	0.00026
143.54	125.16	0.00025	142.13	126.57	0.00024
140.71	127.99	0.00023	127.99	140.71	0.00023
126.57	142.13	0.00023	125.16	143.54	0.00023
123.74	144.96	0.00022	122.33	146.37	0.00022
120.21	148.49	0.00021	116.67	152.03	0.00020
113.14	155.56	0.00019	106.07	162.63	0.00017
98.99	169.71	0.00016	91.92	176.78	0.00015
84.85	183.85	0.00014	77.78	190.92	0.00013
70.71	197.99	0.00013	63.64	205.06	0.00012
197.99	56.57	0.00086	190.92	63.64	0.00086
183.85	70.71	0.00084	176.78	77.78	0.00081
169.71	84.85	0.00075	162.63	91.92	0.00066
155.56	98.99	0.00057	148.49	106.07	0.00047
144.96	109.60	0.00042	141.42	113.14	0.00038
139.30	115.26	0.00036	137.89	116.67	0.00034
136.47	118.09	0.00033	135.06	119.50	0.00031
133.64	120.92	0.00030	120.92	133.64	0.00028
119.50	135.06	0.00028	118.09	136.47	0.00028
116.67	137.89	0.00027	115.26	139.30	0.00026
113.14	141.42	0.00026	109.60	144.96	0.00024
106.07	148.49	0.00023	98.99	155.56	0.00021
91.92	162.63	0.00019	84.85	169.71	0.00018
77.78	176.78	0.00017	70.71	183.85	0.00016
63.64	190.92	0.00015	56.57	197.99	0.00014

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00107	183.85	56.57	0.00109
176.78	63.64	0.00110	169.71	70.71	0.00109
162.63	77.78	0.00105	155.56	84.85	0.00097
148.49	91.92	0.00084	141.42	98.99	0.00068
137.89	102.53	0.00061	134.35	106.07	0.00053
132.23	108.19	0.00049	130.81	109.60	0.00047
129.40	111.02	0.00044	127.99	112.43	0.00042
126.57	113.84	0.00040	113.84	126.57	0.00036

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00035	111.02	129.40	0.00034
109.60	130.81	0.00033	108.19	132.23	0.00032
106.07	134.35	0.00031	102.53	137.89	0.00029
98.99	141.42	0.00028	91.92	148.49	0.00025
84.85	155.56	0.00023	77.78	162.63	0.00022
70.71	169.71	0.00021	63.64	176.78	0.00020
56.57	183.85	0.00019	49.50	190.92	0.00018
183.85	42.43	0.00132	176.78	49.50	0.00138
169.71	56.57	0.00144	162.63	63.64	0.00147
155.56	70.71	0.00147	148.49	77.78	0.00143
141.42	84.85	0.00131	134.35	91.92	0.00110
130.81	95.46	0.00096	127.28	98.99	0.00083
125.16	101.12	0.00074	123.74	102.53	0.00069
122.33	103.94	0.00065	120.92	105.36	0.00060
119.50	106.77	0.00056	106.77	119.50	0.00046
105.36	120.92	0.00045	103.94	122.33	0.00043
102.53	123.74	0.00042	101.12	125.16	0.00041
98.99	127.28	0.00039	95.46	130.81	0.00037
91.92	134.35	0.00035	84.85	141.42	0.00032
77.78	148.49	0.00030	70.71	155.56	0.00028
63.64	162.63	0.00026	56.57	169.71	0.00025
49.50	176.78	0.00023	42.43	183.85	0.00022
176.78	35.36	0.00158	169.71	42.43	0.00171
162.63	49.50	0.00183	155.56	56.57	0.00195
148.49	63.64	0.00204	141.42	70.71	0.00209
134.35	77.78	0.00206	127.28	84.85	0.00189
123.74	88.39	0.00173	120.21	91.92	0.00150
118.09	94.05	0.00134	116.67	95.46	0.00122
115.26	96.87	0.00111	113.84	98.29	0.00100
112.43	99.70	0.00090	99.70	112.43	0.00061
98.29	113.84	0.00059	96.87	115.26	0.00057
95.46	116.67	0.00055	94.05	118.09	0.00053

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00051	88.39	123.74	0.00049
84.85	127.28	0.00047	77.78	134.35	0.00044

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00041	63.64	148.49	0.00038
56.57	155.56	0.00035	49.50	162.63	0.00032
42.43	169.71	0.00030	35.36	176.78	0.00027
169.71	28.28	0.00185	162.63	35.36	0.00203
155.56	42.43	0.00224	148.49	49.50	0.00246
141.42	56.57	0.00269	134.35	63.64	0.00291
127.28	70.71	0.00310	120.21	77.78	0.00318
116.67	81.32	0.00314	113.14	84.85	0.00300
111.02	86.97	0.00285	109.60	88.39	0.00271
108.19	89.80	0.00253	106.77	91.22	0.00232
105.36	92.63	0.00205	92.63	105.36	0.00086
91.22	106.77	0.00084	89.80	108.19	0.00083
88.39	109.60	0.00081	86.97	111.02	0.00080
84.85	113.14	0.00078	81.32	116.67	0.00075
77.78	120.21	0.00072	70.71	127.28	0.00065
63.64	134.35	0.00058	56.57	141.42	0.00051
49.50	148.49	0.00046	42.43	155.56	0.00041
35.36	162.63	0.00037	28.28	169.71	0.00033
162.63	21.21	0.00207	155.56	28.28	0.00232
148.49	35.36	0.00260	141.42	42.43	0.00292
134.35	49.50	0.00327	127.28	56.57	0.00366
120.21	63.64	0.00407	113.14	70.71	0.00444
109.60	74.25	0.00459	106.07	77.78	0.00468
103.94	79.90	0.00469	102.53	81.32	0.00467
101.12	82.73	0.00465	99.70	84.15	0.00463
98.29	85.56	0.00460	85.56	98.29	0.00163
84.15	99.70	0.00154	82.73	101.12	0.00147
81.32	102.53	0.00141	79.90	103.94	0.00135
77.78	106.07	0.00128	74.25	109.60	0.00117
70.71	113.14	0.00107	63.64	120.21	0.00091
56.57	127.28	0.00077	49.50	134.35	0.00067
42.43	141.42	0.00058	35.36	148.49	0.00051
28.28	155.56	0.00045	21.21	162.63	0.00040
155.56	14.14	0.00223	148.49	21.21	0.00252
141.42	28.28	0.00286	134.35	35.36	0.00326
127.28	42.43	0.00370	120.21	49.50	0.00419
113.14	56.57	0.00469	106.07	63.64	0.00514
102.53	67.18	0.00530	98.99	70.71	0.00537

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA PL93-300 DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00535	95.46	74.25	0.00531
94.05	75.66	0.00525	92.63	77.07	0.00518
91.22	78.49	0.00511	78.49	91.22	0.00199
77.07	92.63	0.00194	75.66	94.05	0.00188
74.25	95.46	0.00183	72.83	96.87	0.00178
70.71	98.99	0.00170	67.18	102.53	0.00156
63.64	106.07	0.00142	56.57	113.14	0.00118
49.50	120.21	0.00098	42.43	127.28	0.00083
35.36	134.35	0.00070	28.28	141.42	0.00061
21.21	148.49	0.00053	14.14	155.56	0.00046
148.49	7.07	0.00233	141.42	14.14	0.00265
134.35	21.21	0.00303	127.28	28.28	0.00347
120.21	35.36	0.00397	113.14	42.43	0.00450
106.07	49.50	0.00504	98.99	56.57	0.00548
95.46	60.10	0.00561	91.92	63.64	0.00566
89.80	65.76	0.00563	88.39	67.18	0.00558
86.97	68.59	0.00550	85.56	70.00	0.00541
84.15	71.42	0.00533	71.42	84.15	0.00212
70.00	85.56	0.00208	68.59	86.97	0.00204
67.18	88.39	0.00201	65.76	89.80	0.00198
63.64	91.92	0.00192	60.10	95.46	0.00180
56.57	98.99	0.00167	49.50	106.07	0.00140
42.43	113.14	0.00116	35.36	120.21	0.00097
28.28	127.28	0.00082	21.21	134.35	0.00070
14.14	141.42	0.00060	7.07	148.49	0.00052
141.42	0.00	0.00235	134.35	7.07	0.00269
127.28	14.14	0.00309	120.21	21.21	0.00355
113.14	28.28	0.00408	106.07	35.36	0.00464
98.99	42.43	0.00520	91.92	49.50	0.00565
88.39	53.03	0.00578	84.85	56.57	0.00581
82.73	58.69	0.00577	81.32	60.10	0.00571
79.90	61.52	0.00564	78.49	62.93	0.00555
77.07	64.35	0.00546	64.35	77.07	0.00219
62.93	78.49	0.00215	61.52	79.90	0.00212
60.10	81.32	0.00209	58.69	82.73	0.00206
56.57	84.85	0.00202	53.03	88.39	0.00193
49.50	91.92	0.00181	42.43	98.99	0.00155
35.36	106.07	0.00130	28.28	113.14	0.00109
21.21	120.21	0.00092	14.14	127.28	0.00078
7.07	134.35	0.00067	0.00	141.42	0.00058

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00231	127.28	0.00	0.00265
120.21	7.07	0.00304	113.14	14.14	0.00351
106.07	21.21	0.00404	98.99	28.28	0.00462
91.92	35.36	0.00521	84.85	42.43	0.00569
81.32	45.96	0.00583	77.78	49.50	0.00587
75.66	51.62	0.00582	74.25	53.03	0.00577
72.83	54.45	0.00570	71.42	55.86	0.00562
70.00	57.28	0.00553	57.28	70.00	0.00223
55.86	71.42	0.00218	54.45	72.83	0.00215
53.03	74.25	0.00213	51.62	75.66	0.00210
49.50	77.78	0.00206	45.96	81.32	0.00198
42.43	84.85	0.00188	35.36	91.92	0.00164
28.28	98.99	0.00140	21.21	106.07	0.00118
14.14	113.14	0.00100	7.07	120.21	0.00085
0.00	127.28	0.00072	-7.07	134.35	0.00062
127.28	-14.14	0.00219	120.21	-7.07	0.00251
113.14	0.00	0.00289	106.07	7.07	0.00334
98.99	14.14	0.00386	91.92	21.21	0.00445
84.85	28.28	0.00507	77.78	35.36	0.00559
74.25	38.89	0.00576	70.71	42.43	0.00583
68.59	44.55	0.00580	67.18	45.96	0.00576
65.76	47.38	0.00570	64.35	48.79	0.00562
62.93	50.20	0.00553	50.20	62.93	0.00222
48.79	64.35	0.00218	47.38	65.76	0.00215
45.96	67.18	0.00213	44.55	68.59	0.00211
42.43	70.71	0.00207	38.89	74.25	0.00199
35.36	77.78	0.00190	28.28	84.85	0.00168
21.21	91.92	0.00144	14.14	98.99	0.00123
7.07	106.07	0.00104	0.00	113.14	0.00088
-7.07	120.21	0.00076	-14.14	127.28	0.00065
120.21	-21.21	0.00201	113.14	-14.14	0.00229
106.07	-7.07	0.00263	98.99	0.00	0.00304
91.92	7.07	0.00352	84.85	14.14	0.00408
77.78	21.21	0.00468	70.71	28.28	0.00526

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00549	63.64	35.36	0.00562
61.52	37.48	0.00564	60.10	38.89	0.00562
58.69	40.31	0.00558	57.28	41.72	0.00552
55.86	43.13	0.00545	43.13	55.86	0.00217
41.72	57.28	0.00213	40.31	58.69	0.00211
38.89	60.10	0.00209	37.48	61.52	0.00207

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00204	31.82	67.18	0.00197
28.28	70.71	0.00188	21.21	77.78	0.00166
14.14	84.85	0.00144	7.07	91.92	0.00123
0.00	98.99	0.00105	-7.07	106.07	0.00089
-14.14	113.14	0.00076	-21.21	120.21	0.00066
113.14	-28.28	0.00177	106.07	-21.21	0.00201
98.99	-14.14	0.00228	91.92	-7.07	0.00262
84.85	0.00	0.00301	77.78	7.07	0.00347
70.71	14.14	0.00399	63.64	21.21	0.00453
60.10	24.75	0.00479	56.57	28.28	0.00501
54.45	30.41	0.00511	53.03	31.82	0.00516
51.62	33.23	0.00518	50.20	34.65	0.00518
48.79	36.06	0.00517	36.06	48.79	0.00205
34.65	50.20	0.00202	33.23	51.62	0.00201
31.82	53.03	0.00200	30.41	54.45	0.00198
28.28	56.57	0.00196	24.75	60.10	0.00188
21.21	63.64	0.00179	14.14	70.71	0.00158
7.07	77.78	0.00137	0.00	84.85	0.00118
-7.07	91.92	0.00101	-14.14	98.99	0.00087
-21.21	106.07	0.00075	-28.28	113.14	0.00065
106.07	-35.36	0.00152	98.99	-28.28	0.00169
91.92	-21.21	0.00190	84.85	-14.14	0.00213
77.78	-7.07	0.00240	70.71	0.00	0.00269
63.64	7.07	0.00299	56.57	14.14	0.00328
53.03	17.68	0.00342	49.50	21.21	0.00356
47.38	23.33	0.00366	45.96	24.75	0.00373
44.55	26.16	0.00381	43.13	27.58	0.00392
41.72	28.99	0.00406	28.99	41.72	0.00182

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00179	26.16	44.55	0.00177
24.75	45.96	0.00175	23.33	47.38	0.00174
21.21	49.50	0.00171	17.68	53.03	0.00164
14.14	56.57	0.00156	7.07	63.64	0.00139
0.00	70.71	0.00123	-7.07	77.78	0.00107
-14.14	84.85	0.00093	-21.21	91.92	0.00081
-28.28	98.99	0.00071	-35.36	106.07	0.00062
98.99	-42.43	0.00127	91.92	-35.36	0.00139
84.85	-28.28	0.00153	77.78	-21.21	0.00167
70.71	-14.14	0.00182	63.64	-7.07	0.00195
56.57	0.00	0.00204	49.50	7.07	0.00204
45.96	10.61	0.00199	42.43	14.14	0.00191

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00184	38.89	17.68	0.00178
37.48	19.09	0.00172	36.06	20.51	0.00165
34.65	21.92	0.00157	21.92	34.65	0.00106
20.51	36.06	0.00111	19.09	37.48	0.00114
17.68	38.89	0.00117	16.26	40.31	0.00120
14.14	42.43	0.00123	10.61	45.96	0.00124
7.07	49.50	0.00122	0.00	56.57	0.00115
-7.07	63.64	0.00105	-14.14	70.71	0.00094
-21.21	77.78	0.00084	-28.28	84.85	0.00074
-35.36	91.92	0.00066	-42.43	98.99	0.00058
91.92	-49.50	0.00106	84.85	-42.43	0.00114
77.78	-35.36	0.00122	70.71	-28.28	0.00130
63.64	-21.21	0.00137	56.57	-14.14	0.00141
49.50	-7.07	0.00140	42.43	0.00	0.00134
38.89	3.54	0.00129	35.36	7.07	0.00122
33.23	9.19	0.00118	31.82	10.61	0.00115
30.41	12.02	0.00112	28.99	13.44	0.00109
27.58	14.85	0.00106	14.85	27.58	0.00069
13.44	28.99	0.00071	12.02	30.41	0.00073
10.61	31.82	0.00075	9.19	33.23	0.00077
7.07	35.36	0.00081	3.54	38.89	0.00086
0.00	42.43	0.00088	-7.07	49.50	0.00088

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00085	-21.21	63.64	0.00079
-28.28	70.71	0.00072	-35.36	77.78	0.00066
-42.43	84.85	0.00060	-49.50	91.92	0.00054
84.85	-56.57	0.00088	77.78	-49.50	0.00093
70.71	-42.43	0.00098	63.64	-35.36	0.00101
56.57	-28.28	0.00104	49.50	-21.21	0.00104
42.43	-14.14	0.00102	35.36	-7.07	0.00098
31.82	-3.54	0.00095	28.28	0.00	0.00092
26.16	2.12	0.00090	24.75	3.54	0.00089
23.33	4.95	0.00087	21.92	6.36	0.00085
20.51	7.78	0.00083	7.78	20.51	0.00055
6.36	21.92	0.00055	4.95	23.33	0.00056
3.54	24.75	0.00056	2.12	26.16	0.00057
0.00	28.28	0.00058	-3.54	31.82	0.00061
-7.07	35.36	0.00063	-14.14	42.43	0.00066
-21.21	49.50	0.00066	-28.28	56.57	0.00064
-35.36	63.64	0.00061	-42.43	70.71	0.00057
-49.50	77.78	0.00052	-56.57	84.85	0.00048

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00073	70.71	-56.57	0.00076
63.64	-49.50	0.00078	56.57	-42.43	0.00080
49.50	-35.36	0.00081	42.43	-28.28	0.00081
35.36	-21.21	0.00079	28.28	-14.14	0.00076
24.75	-10.61	0.00075	21.21	-7.07	0.00073
19.09	-4.95	0.00072	17.68	-3.54	0.00072
16.26	-2.12	0.00071	14.85	-0.71	0.00069
13.44	0.71	0.00067	0.71	13.44	0.00045
-0.71	14.85	0.00045	-2.12	16.26	0.00046
-3.54	17.68	0.00046	-4.95	19.09	0.00046
-7.07	21.21	0.00046	-10.61	24.75	0.00046
-14.14	28.28	0.00047	-21.21	35.36	0.00050
-28.28	42.43	0.00051	-35.36	49.50	0.00051
-42.43	56.57	0.00050	-49.50	63.64	0.00048
-56.57	70.71	0.00045	-63.64	77.78	0.00042
70.71	-70.71	0.00061	63.64	-63.64	0.00062

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00064	49.50	-49.50	0.00065
42.43	-42.43	0.00065	35.36	-35.36	0.00065
28.28	-28.28	0.00063	21.21	-21.21	0.00062
17.68	-17.68	0.00061	14.14	-14.14	0.00060
12.02	-12.02	0.00060	10.61	-10.61	0.00059
9.19	-9.19	0.00058	7.78	-7.78	0.00057
6.36	-6.36	0.00055	-6.36	6.36	0.00038
-7.78	7.78	0.00038	-9.19	9.19	0.00038
-10.61	10.61	0.00038	-12.02	12.02	0.00038
-14.14	14.14	0.00038	-17.68	17.68	0.00038
-21.21	21.21	0.00038	-28.28	28.28	0.00039
-35.36	35.36	0.00040	-42.43	42.43	0.00041
-49.50	49.50	0.00041	-56.57	56.57	0.00040
-63.64	63.64	0.00039	-70.71	70.71	0.00037
63.64	-77.78	0.00051	56.57	-70.71	0.00052
49.50	-63.64	0.00053	42.43	-56.57	0.00054
35.36	-49.50	0.00054	28.28	-42.43	0.00053
21.21	-35.36	0.00052	14.14	-28.28	0.00051
10.61	-24.75	0.00051	7.07	-21.21	0.00051
4.95	-19.09	0.00050	3.54	-17.68	0.00049
2.12	-16.26	0.00048	0.71	-14.85	0.00047
-0.71	-13.44	0.00045	-13.44	-0.71	0.00032
-14.85	0.71	0.00032	-16.26	2.12	0.00032
-17.68	3.54	0.00032	-19.09	4.95	0.00032

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00032	-24.75	10.61	0.00032
-28.28	14.14	0.00032	-35.36	21.21	0.00031
-42.43	28.28	0.00032	-49.50	35.36	0.00033
-56.57	42.43	0.00033	-63.64	49.50	0.00034
-70.71	56.57	0.00033	-77.78	63.64	0.00032
56.57	-84.85	0.00044	49.50	-77.78	0.00044
42.43	-70.71	0.00045	35.36	-63.64	0.00045
28.28	-56.57	0.00045	21.21	-49.50	0.00044
14.14	-42.43	0.00043	7.07	-35.36	0.00043
3.54	-31.82	0.00043	0.00	-28.28	0.00043

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-2.12	-26.16	0.00042	-3.54	-24.75	0.00041
-4.95	-23.33	0.00040	-6.36	-21.92	0.00039
-7.78	-20.51	0.00037	-20.51	-7.78	0.00027
-21.92	-6.36	0.00027	-23.33	-4.95	0.00027
-24.75	-3.54	0.00027	-26.16	-2.12	0.00027
-28.28	0.00	0.00027	-31.82	3.54	0.00027
-35.36	7.07	0.00027	-42.43	14.14	0.00026
-49.50	21.21	0.00026	-56.57	28.28	0.00027
-63.64	35.36	0.00027	-70.71	42.43	0.00028
-77.78	49.50	0.00028	-84.85	56.57	0.00028
49.50	-91.92	0.00038	42.43	-84.85	0.00038
35.36	-77.78	0.00038	28.28	-70.71	0.00038
21.21	-63.64	0.00038	14.14	-56.57	0.00037
7.07	-49.50	0.00037	0.00	-42.43	0.00037
-3.54	-38.89	0.00037	-7.07	-35.36	0.00036
-9.19	-33.23	0.00036	-10.61	-31.82	0.00035
-12.02	-30.41	0.00034	-13.44	-28.99	0.00033
-14.85	-27.58	0.00032	-27.58	-14.85	0.00023
-28.99	-13.44	0.00023	-30.41	-12.02	0.00023
-31.82	-10.61	0.00023	-33.23	-9.19	0.00023
-35.36	-7.07	0.00023	-38.89	-3.54	0.00024
-42.43	0.00	0.00023	-49.50	7.07	0.00023
-56.57	14.14	0.00022	-63.64	21.21	0.00022
-70.71	28.28	0.00023	-77.78	35.36	0.00023
-84.85	42.43	0.00023	-91.92	49.50	0.00024
42.43	-98.99	0.00033	35.36	-91.92	0.00033
28.28	-84.85	0.00033	21.21	-77.78	0.00033
14.14	-70.71	0.00032	7.07	-63.64	0.00032
0.00	-56.57	0.00032	-7.07	-49.50	0.00032
-10.61	-45.96	0.00032	-14.14	-42.43	0.00031

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00030	-17.68	-38.89	0.00030
-19.09	-37.48	0.00029	-20.51	-36.06	0.00028
-21.92	-34.65	0.00027	-34.65	-21.92	0.00020
-36.06	-20.51	0.00020	-37.48	-19.09	0.00020

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-38.89	-17.68	0.00020	-40.31	-16.26	0.00020
-42.43	-14.14	0.00020	-45.96	-10.61	0.00020
-49.50	-7.07	0.00020	-56.57	0.00	0.00020
-63.64	7.07	0.00019	-70.71	14.14	0.00019
-77.78	21.21	0.00019	-84.85	28.28	0.00020
-91.92	35.36	0.00020	-98.99	42.43	0.00020
35.36	-106.07	0.00029	28.28	-98.99	0.00029
21.21	-91.92	0.00028	14.14	-84.85	0.00028
7.07	-77.78	0.00028	0.00	-70.71	0.00028
-7.07	-63.64	0.00028	-14.14	-56.57	0.00028
-17.68	-53.03	0.00028	-21.21	-49.50	0.00027
-23.33	-47.38	0.00026	-24.75	-45.96	0.00026
-26.16	-44.55	0.00025	-27.58	-43.13	0.00024
-28.99	-41.72	0.00023	-41.72	-28.99	0.00018
-43.13	-27.58	0.00018	-44.55	-26.16	0.00018
-45.96	-24.75	0.00017	-47.38	-23.33	0.00018
-49.50	-21.21	0.00018	-53.03	-17.68	0.00018
-56.57	-14.14	0.00018	-63.64	-7.07	0.00018
-70.71	0.00	0.00017	-77.78	7.07	0.00017
-84.85	14.14	0.00017	-91.92	21.21	0.00017
-98.99	28.28	0.00017	-106.07	35.36	0.00017
28.28	-113.14	0.00025	21.21	-106.07	0.00025
14.14	-98.99	0.00025	7.07	-91.92	0.00025
0.00	-84.85	0.00025	-7.07	-77.78	0.00025
-14.14	-70.71	0.00025	-21.21	-63.64	0.00025
-24.75	-60.10	0.00024	-28.28	-56.57	0.00024
-30.41	-54.45	0.00023	-31.82	-53.03	0.00022
-33.23	-51.62	0.00022	-34.65	-50.20	0.00021
-36.06	-48.79	0.00020	-48.79	-36.06	0.00016
-50.20	-34.65	0.00016	-51.62	-33.23	0.00015
-53.03	-31.82	0.00015	-54.45	-30.41	0.00015
-56.57	-28.28	0.00015	-60.10	-24.75	0.00016
-63.64	-21.21	0.00016	-70.71	-14.14	0.00016
-77.78	-7.07	0.00015	-84.85	0.00	0.00015
-91.92	7.07	0.00014	-98.99	14.14	0.00014
-106.07	21.21	0.00015	-113.14	28.28	0.00015

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00022	14.14	-113.14	0.00022
7.07	-106.07	0.00022	0.00	-98.99	0.00022
-7.07	-91.92	0.00022	-14.14	-84.85	0.00022
-21.21	-77.78	0.00022	-28.28	-70.71	0.00022
-31.82	-67.18	0.00022	-35.36	-63.64	0.00021
-37.48	-61.52	0.00020	-38.89	-60.10	0.00020
-40.31	-58.69	0.00019	-41.72	-57.28	0.00018
-43.13	-55.86	0.00018	-55.86	-43.13	0.00014
-57.28	-41.72	0.00014	-58.69	-40.31	0.00014
-60.10	-38.89	0.00014	-61.52	-37.48	0.00014
-63.64	-35.36	0.00014	-67.18	-31.82	0.00014
-70.71	-28.28	0.00014	-77.78	-21.21	0.00014
-84.85	-14.14	0.00014	-91.92	-7.07	0.00013
-98.99	0.00	0.00013	-106.07	7.07	0.00013
-113.14	14.14	0.00013	-120.21	21.21	0.00013
14.14	-127.28	0.00020	7.07	-120.21	0.00020
0.00	-113.14	0.00020	-7.07	-106.07	0.00020
-14.14	-98.99	0.00020	-21.21	-91.92	0.00020
-28.28	-84.85	0.00020	-35.36	-77.78	0.00020
-38.89	-74.25	0.00019	-42.43	-70.71	0.00018
-44.55	-68.59	0.00018	-45.96	-67.18	0.00017
-47.38	-65.76	0.00017	-48.79	-64.35	0.00016
-50.20	-62.93	0.00016	-62.93	-50.20	0.00013
-64.35	-48.79	0.00012	-65.76	-47.38	0.00012
-67.18	-45.96	0.00012	-68.59	-44.55	0.00012
-70.71	-42.43	0.00012	-74.25	-38.89	0.00012
-77.78	-35.36	0.00012	-84.85	-28.28	0.00013
-91.92	-21.21	0.00012	-98.99	-14.14	0.00012
-106.07	-7.07	0.00012	-113.14	0.00	0.00011
-120.21	7.07	0.00011	-127.28	14.14	0.00011
7.07	-134.35	0.00018	0.00	-127.28	0.00018
-7.07	-120.21	0.00018	-14.14	-113.14	0.00018
-21.21	-106.07	0.00018	-28.28	-98.99	0.00018
-35.36	-91.92	0.00018	-42.43	-84.85	0.00018
-45.96	-81.32	0.00017	-49.50	-77.78	0.00016
-51.62	-75.66	0.00016	-53.03	-74.25	0.00015
-54.45	-72.83	0.00015	-55.86	-71.42	0.00014
-57.28	-70.00	0.00014	-70.00	-57.28	0.00011
-71.42	-55.86	0.00011	-72.83	-54.45	0.00011
-74.25	-53.03	0.00011	-75.66	-51.62	0.00011

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00011	-81.32	-45.96	0.00011
-84.85	-42.43	0.00011	-91.92	-35.36	0.00011
-98.99	-28.28	0.00011	-106.07	-21.21	0.00011
-113.14	-14.14	0.00011	-120.21	-7.07	0.00010
-127.28	0.00	0.00010	-134.35	7.07	0.00010
0.00	-141.42	0.00016	-7.07	-134.35	0.00016
-14.14	-127.28	0.00016	-21.21	-120.21	0.00016
-28.28	-113.14	0.00016	-35.36	-106.07	0.00016
-42.43	-98.99	0.00016	-49.50	-91.92	0.00016
-53.03	-88.39	0.00015	-56.57	-84.85	0.00015
-58.69	-82.73	0.00014	-60.10	-81.32	0.00014
-61.52	-79.90	0.00013	-62.93	-78.49	0.00013
-64.35	-77.07	0.00013	-77.07	-64.35	0.00010
-78.49	-62.93	0.00010	-79.90	-61.52	0.00010
-81.32	-60.10	0.00010	-82.73	-58.69	0.00010
-84.85	-56.57	0.00010	-88.39	-53.03	0.00010
-91.92	-49.50	0.00010	-98.99	-42.43	0.00010
-106.07	-35.36	0.00010	-113.14	-28.28	0.00010
-120.21	-21.21	0.00010	-127.28	-14.14	0.00009
-134.35	-7.07	0.00009	-141.42	0.00	0.00009
-7.07	-148.49	0.00014	-14.14	-141.42	0.00014
-21.21	-134.35	0.00014	-28.28	-127.28	0.00014
-35.36	-120.21	0.00015	-42.43	-113.14	0.00015
-49.50	-106.07	0.00015	-56.57	-98.99	0.00014
-60.10	-95.46	0.00014	-63.64	-91.92	0.00013
-65.76	-89.80	0.00013	-67.18	-88.39	0.00012
-68.59	-86.97	0.00012	-70.00	-85.56	0.00012
-71.42	-84.15	0.00011	-84.15	-71.42	0.00009
-85.56	-70.00	0.00009	-86.97	-68.59	0.00009
-88.39	-67.18	0.00009	-89.80	-65.76	0.00009
-91.92	-63.64	0.00009	-95.46	-60.10	0.00009
-98.99	-56.57	0.00009	-106.07	-49.50	0.00009
-113.14	-42.43	0.00009	-120.21	-35.36	0.00009
-127.28	-28.28	0.00009	-134.35	-21.21	0.00009
-141.42	-14.14	0.00008	-148.49	-7.07	0.00008
-14.14	-155.56	0.00013	-21.21	-148.49	0.00013

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	-141.42	0.00013	-35.36	-134.35	0.00013
-42.43	-127.28	0.00013	-49.50	-120.21	0.00013
-56.57	-113.14	0.00013	-63.64	-106.07	0.00013
-67.18	-102.53	0.00012	-70.71	-98.99	0.00012

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00011	-74.25	-95.46	0.00011
-75.66	-94.05	0.00011	-77.07	-92.63	0.00011
-78.49	-91.22	0.00010	-91.22	-78.49	0.00009
-92.63	-77.07	0.00009	-94.05	-75.66	0.00008
-95.46	-74.25	0.00008	-96.87	-72.83	0.00008
-98.99	-70.71	0.00008	-102.53	-67.18	0.00008
-106.07	-63.64	0.00008	-113.14	-56.57	0.00008
-120.21	-49.50	0.00009	-127.28	-42.43	0.00008
-134.35	-35.36	0.00008	-141.42	-28.28	0.00008
-148.49	-21.21	0.00008	-155.56	-14.14	0.00008
-21.21	-162.63	0.00012	-28.28	-155.56	0.00012
-35.36	-148.49	0.00012	-42.43	-141.42	0.00012
-49.50	-134.35	0.00012	-56.57	-127.28	0.00012
-63.64	-120.21	0.00012	-70.71	-113.14	0.00012
-74.25	-109.60	0.00011	-77.78	-106.07	0.00011
-79.90	-103.94	0.00010	-81.32	-102.53	0.00010
-82.73	-101.12	0.00010	-84.15	-99.70	0.00010
-85.56	-98.29	0.00009	-98.29	-85.56	0.00008
-99.70	-84.15	0.00008	-101.12	-82.73	0.00008
-102.53	-81.32	0.00008	-103.94	-79.90	0.00008
-106.07	-77.78	0.00008	-109.60	-74.25	0.00008
-113.14	-70.71	0.00008	-120.21	-63.64	0.00008
-127.28	-56.57	0.00008	-134.35	-49.50	0.00008
-141.42	-42.43	0.00008	-148.49	-35.36	0.00007
-155.56	-28.28	0.00007	-162.63	-21.21	0.00007
-28.28	-169.71	0.00011	-35.36	-162.63	0.00011
-42.43	-155.56	0.00011	-49.50	-148.49	0.00011
-56.57	-141.42	0.00011	-63.64	-134.35	0.00011
-70.71	-127.28	0.00011	-77.78	-120.21	0.00011
-81.32	-116.67	0.00010	-84.85	-113.14	0.00010

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-86.97	-111.02	0.00009	-88.39	-109.60	0.00009
-89.80	-108.19	0.00009	-91.22	-106.77	0.00009
-92.63	-105.36	0.00009	-105.36	-92.63	0.00007
-106.77	-91.22	0.00007	-108.19	-89.80	0.00007
-109.60	-88.39	0.00007	-111.02	-86.97	0.00007
-113.14	-84.85	0.00007	-116.67	-81.32	0.00007
-120.21	-77.78	0.00007	-127.28	-70.71	0.00007
-134.35	-63.64	0.00007	-141.42	-56.57	0.00007
-148.49	-49.50	0.00007	-155.56	-42.43	0.00007
-162.63	-35.36	0.00007	-169.71	-28.28	0.00007

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00010	-42.43	-169.71	0.00010
-49.50	-162.63	0.00010	-56.57	-155.56	0.00010
-63.64	-148.49	0.00011	-70.71	-141.42	0.00011
-77.78	-134.35	0.00010	-84.85	-127.28	0.00010
-88.39	-123.74	0.00009	-91.92	-120.21	0.00009
-94.05	-118.09	0.00009	-95.46	-116.67	0.00009
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00007
-113.84	-98.29	0.00007	-115.26	-96.87	0.00007
-116.67	-95.46	0.00007	-118.09	-94.05	0.00007
-120.21	-91.92	0.00006	-123.74	-88.39	0.00006
-127.28	-84.85	0.00006	-134.35	-77.78	0.00007
-141.42	-70.71	0.00007	-148.49	-63.64	0.00007
-155.56	-56.57	0.00007	-162.63	-49.50	0.00007
-169.71	-42.43	0.00006	-176.78	-35.36	0.00006
-42.43	-183.85	0.00010	-49.50	-176.78	0.00010
-56.57	-169.71	0.00010	-63.64	-162.63	0.00010
-70.71	-155.56	0.00010	-77.78	-148.49	0.00010
-84.85	-141.42	0.00010	-91.92	-134.35	0.00009
-95.46	-130.81	0.00009	-98.99	-127.28	0.00008
-101.12	-125.16	0.00008	-102.53	-123.74	0.00008
-103.94	-122.33	0.00008	-105.36	-120.92	0.00008
-106.77	-119.50	0.00007	-119.50	-106.77	0.00006
-120.92	-105.36	0.00006	-122.33	-103.94	0.00006

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-123.74	-102.53	0.00006	-125.16	-101.12	0.00006
-127.28	-98.99	0.00006	-130.81	-95.46	0.00006
-134.35	-91.92	0.00006	-141.42	-84.85	0.00006
-148.49	-77.78	0.00006	-155.56	-70.71	0.00006
-162.63	-63.64	0.00006	-169.71	-56.57	0.00006
-176.78	-49.50	0.00006	-183.85	-42.43	0.00006
-49.50	-190.92	0.00009	-56.57	-183.85	0.00009
-63.64	-176.78	0.00009	-70.71	-169.71	0.00009
-77.78	-162.63	0.00009	-84.85	-155.56	0.00009
-91.92	-148.49	0.00009	-98.99	-141.42	0.00008
-102.53	-137.89	0.00008	-106.07	-134.35	0.00008
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00006
-127.99	-112.43	0.00006	-129.40	-111.02	0.00006
-130.81	-109.60	0.00006	-132.23	-108.19	0.00006

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00006	-137.89	-102.53	0.00006
-141.42	-98.99	0.00006	-148.49	-91.92	0.00006
-155.56	-84.85	0.00006	-162.63	-77.78	0.00006
-169.71	-70.71	0.00006	-176.78	-63.64	0.00006
-183.85	-56.57	0.00006	-190.92	-49.50	0.00005
-56.57	-197.99	0.00008	-63.64	-190.92	0.00008
-70.71	-183.85	0.00008	-77.78	-176.78	0.00008
-84.85	-169.71	0.00009	-91.92	-162.63	0.00008
-98.99	-155.56	0.00008	-106.07	-148.49	0.00008
-109.60	-144.96	0.00007	-113.14	-141.42	0.00007
-115.26	-139.30	0.00007	-116.67	-137.89	0.00007
-118.09	-136.47	0.00007	-119.50	-135.06	0.00006
-120.92	-133.64	0.00006	-133.64	-120.92	0.00005
-135.06	-119.50	0.00005	-136.47	-118.09	0.00005
-137.89	-116.67	0.00005	-139.30	-115.26	0.00005
-141.42	-113.14	0.00005	-144.96	-109.60	0.00005
-148.49	-106.07	0.00005	-155.56	-98.99	0.00005
-162.63	-91.92	0.00005	-169.71	-84.85	0.00005

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-77.78	0.00005	-183.85	-70.71	0.00005
-190.92	-63.64	0.00005	-197.99	-56.57	0.00005
-63.64	-205.06	0.00008	-70.71	-197.99	0.00008
-77.78	-190.92	0.00008	-84.85	-183.85	0.00008
-91.92	-176.78	0.00008	-98.99	-169.71	0.00008
-106.07	-162.63	0.00008	-113.14	-155.56	0.00007
-116.67	-152.03	0.00007	-120.21	-148.49	0.00007
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00005
-142.13	-126.57	0.00005	-143.54	-125.16	0.00005
-144.96	-123.74	0.00005	-146.37	-122.33	0.00005
-148.49	-120.21	0.00005	-152.03	-116.67	0.00005
-155.56	-113.14	0.00005	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00005	-190.92	-77.78	0.00005
-197.99	-70.71	0.00005	-205.06	-63.64	0.00005
-70.71	-212.13	0.00007	-77.78	-205.06	0.00007
-84.85	-197.99	0.00007	-91.92	-190.92	0.00007
-98.99	-183.85	0.00007	-106.07	-176.78	0.00007
-113.14	-169.71	0.00007	-120.21	-162.63	0.00007
-123.74	-159.10	0.00006	-127.28	-155.56	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 14:52:42 *** Maximum train overlap at NE/SW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00006	-130.81	-152.03	0.00006
-132.23	-150.61	0.00006	-133.64	-149.20	0.00006
-135.06	-147.79	0.00006	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00005
-176.78	-106.07	0.00005	-183.85	-98.99	0.00005
-190.92	-91.92	0.00005	-197.99	-84.85	0.00005
-205.06	-77.78	0.00005	-212.13	-70.71	0.00005
-77.78	-219.20	0.00007	-84.85	-212.13	0.00007
-91.92	-205.06	0.00007	-98.99	-197.99	0.00007

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-190.92	0.00007	-113.14	-183.85	0.00007
-120.21	-176.78	0.00007	-127.28	-169.71	0.00006
-130.81	-166.17	0.00006	-134.35	-162.63	0.00006
-136.47	-160.51	0.00006	-137.89	-159.10	0.00005
-139.30	-157.68	0.00005	-140.71	-156.27	0.00005
-142.13	-154.86	0.00005	-154.86	-142.13	0.00005
-156.27	-140.71	0.00004	-157.68	-139.30	0.00004
-159.10	-137.89	0.00004	-160.51	-136.47	0.00004
-162.63	-134.35	0.00004	-166.17	-130.81	0.00004
-169.71	-127.28	0.00004	-176.78	-120.21	0.00004
-183.85	-113.14	0.00004	-190.92	-106.07	0.00004
-197.99	-98.99	0.00004	-205.06	-91.92	0.00004
-212.13	-84.85	0.00004	-219.20	-77.78	0.00004
-84.85	-226.27	0.00006	-91.92	-219.20	0.00007
-98.99	-212.13	0.00007	-106.07	-205.06	0.00007
-113.14	-197.99	0.00007	-120.21	-190.92	0.00006
-127.28	-183.85	0.00006	-134.35	-176.78	0.00006
-137.89	-173.24	0.00006	-141.42	-169.71	0.00005
-143.54	-167.58	0.00005	-144.96	-166.17	0.00005
-146.37	-164.76	0.00005	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00004
-163.34	-147.79	0.00004	-164.76	-146.37	0.00004
-166.17	-144.96	0.00004	-167.58	-143.54	0.00004
-169.71	-141.42	0.00004	-173.24	-137.89	0.00004
-176.78	-134.35	0.00004	-183.85	-127.28	0.00004
-190.92	-120.21	0.00004	-197.99	-113.14	0.00004
-205.06	-106.07	0.00004	-212.13	-98.99	0.00004
-219.20	-91.92	0.00004	-226.27	-84.85	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00006	-98.99	-226.27	0.00006
-106.07	-219.20	0.00006	-113.14	-212.13	0.00006
-120.21	-205.06	0.00006	-127.28	-197.99	0.00006
-134.35	-190.92	0.00006	-141.42	-183.85	0.00005
-144.96	-180.31	0.00005	-148.49	-176.78	0.00005
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00004
-170.41	-154.86	0.00004	-171.83	-153.44	0.00004
-173.24	-152.03	0.00004	-174.66	-150.61	0.00004
-176.78	-148.49	0.00004	-180.31	-144.96	0.00004
-183.85	-141.42	0.00004	-190.92	-134.35	0.00004
-197.99	-127.28	0.00004	-205.06	-120.21	0.00004
-212.13	-113.14	0.00004	-219.20	-106.07	0.00004
-226.27	-98.99	0.00004	-233.35	-91.92	0.00004
-98.99	-240.42	0.00006	-106.07	-233.35	0.00006
-113.14	-226.27	0.00006	-120.21	-219.20	0.00006
-127.28	-212.13	0.00006	-134.35	-205.06	0.00006
-141.42	-197.99	0.00005	-148.49	-190.92	0.00005
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-159.10	-180.31	0.00005
-160.51	-178.90	0.00004	-161.93	-177.48	0.00004
-163.34	-176.07	0.00004	-176.07	-163.34	0.00004
-177.48	-161.93	0.00004	-178.90	-160.51	0.00004
-180.31	-159.10	0.00004	-181.73	-157.68	0.00004
-183.85	-155.56	0.00004	-187.38	-152.03	0.00004
-190.92	-148.49	0.00004	-197.99	-141.42	0.00004
-205.06	-134.35	0.00004	-212.13	-127.28	0.00004
-219.20	-120.21	0.00004	-226.27	-113.14	0.00004
-233.35	-106.07	0.00004	-240.42	-98.99	0.00004
-106.07	-247.49	0.00006	-113.14	-240.42	0.00006
-120.21	-233.35	0.00006	-127.28	-226.27	0.00006
-134.35	-219.20	0.00006	-141.42	-212.13	0.00005
-148.49	-205.06	0.00005	-155.56	-197.99	0.00005
-159.10	-194.45	0.00005	-162.63	-190.92	0.00004
-164.76	-188.80	0.00004	-166.17	-187.38	0.00004
-167.58	-185.97	0.00004	-169.00	-184.55	0.00004
-170.41	-183.14	0.00004	-183.14	-170.41	0.00004
-184.55	-169.00	0.00004	-185.97	-167.58	0.00004
-187.38	-166.17	0.00004	-188.80	-164.76	0.00003

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-162.63	0.00003	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003
-226.27	-127.28	0.00004	-233.35	-120.21	0.00004
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00132	240.42	113.14	0.00138
233.35	120.21	0.00144	226.27	127.28	0.00147
219.20	134.35	0.00147	212.13	141.42	0.00143
205.06	148.49	0.00131	197.99	155.56	0.00110
194.45	159.10	0.00096	190.92	162.63	0.00083
188.80	164.76	0.00074	187.38	166.17	0.00069
185.97	167.58	0.00065	184.55	169.00	0.00060
183.14	170.41	0.00056	170.41	183.14	0.00046
169.00	184.55	0.00045	167.58	185.97	0.00043
166.17	187.38	0.00042	164.76	188.80	0.00041
162.63	190.92	0.00039	159.10	194.45	0.00037
155.56	197.99	0.00035	148.49	205.06	0.00032
141.42	212.13	0.00030	134.35	219.20	0.00028
127.28	226.27	0.00026	120.21	233.35	0.00025
113.14	240.42	0.00023	106.07	247.49	0.00022
240.42	98.99	0.00158	233.35	106.07	0.00171
226.27	113.14	0.00183	219.20	120.21	0.00195
212.13	127.28	0.00204	205.06	134.35	0.00209
197.99	141.42	0.00206	190.92	148.49	0.00189
187.38	152.03	0.00173	183.85	155.56	0.00150
181.73	157.68	0.00134	180.31	159.10	0.00122
178.90	160.51	0.00111	177.48	161.93	0.00100
176.07	163.34	0.00090	163.34	176.07	0.00061
161.93	177.48	0.00059	160.51	178.90	0.00057
159.10	180.31	0.00055	157.68	181.73	0.00053
155.56	183.85	0.00051	152.03	187.38	0.00049
148.49	190.92	0.00047	141.42	197.99	0.00044
134.35	205.06	0.00041	127.28	212.13	0.00038
120.21	219.20	0.00035	113.14	226.27	0.00032

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00030	98.99	240.42	0.00027
233.35	91.92	0.00185	226.27	98.99	0.00203
219.20	106.07	0.00224	212.13	113.14	0.00246
205.06	120.21	0.00269	197.99	127.28	0.00291
190.92	134.35	0.00310	183.85	141.42	0.00318
180.31	144.96	0.00314	176.78	148.49	0.00300
174.66	150.61	0.00285	173.24	152.03	0.00271
171.83	153.44	0.00253	170.41	154.86	0.00232
169.00	156.27	0.00205	156.27	169.00	0.00086
154.86	170.41	0.00084	153.44	171.83	0.00083
152.03	173.24	0.00081	150.61	174.66	0.00080

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00078	144.96	180.31	0.00075
141.42	183.85	0.00072	134.35	190.92	0.00065
127.28	197.99	0.00058	120.21	205.06	0.00051
113.14	212.13	0.00046	106.07	219.20	0.00041
99.00	226.27	0.00037	91.92	233.35	0.00033
226.27	84.85	0.00207	219.20	91.92	0.00232
212.13	98.99	0.00260	205.06	106.07	0.00292
197.99	113.14	0.00327	190.92	120.21	0.00366
183.85	127.28	0.00407	176.78	134.35	0.00444
173.24	137.89	0.00459	169.71	141.42	0.00468
167.58	143.54	0.00469	166.17	144.96	0.00467
164.76	146.37	0.00465	163.34	147.79	0.00463
161.93	149.20	0.00460	149.20	161.93	0.00163
147.79	163.34	0.00154	146.37	164.76	0.00147
144.96	166.17	0.00141	143.54	167.58	0.00135
141.42	169.71	0.00128	137.89	173.24	0.00117
134.35	176.78	0.00107	127.28	183.85	0.00091
120.21	190.92	0.00077	113.14	197.99	0.00067
106.07	205.06	0.00058	99.00	212.13	0.00051
91.92	219.20	0.00045	84.85	226.27	0.00040
219.20	77.78	0.00223	212.13	84.85	0.00252
205.06	91.92	0.00286	197.99	98.99	0.00326
190.92	106.07	0.00370	183.85	113.14	0.00419

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00469	169.71	127.28	0.00514
166.17	130.81	0.00530	162.63	134.35	0.00537
160.51	136.47	0.00535	159.10	137.89	0.00531
157.68	139.30	0.00525	156.27	140.71	0.00518
154.86	142.13	0.00511	142.13	154.86	0.00199
140.71	156.27	0.00194	139.30	157.68	0.00188
137.89	159.10	0.00183	136.47	160.51	0.00178
134.35	162.63	0.00170	130.81	166.17	0.00156
127.28	169.71	0.00142	120.21	176.78	0.00118
113.14	183.85	0.00098	106.07	190.92	0.00083
99.00	197.99	0.00070	91.92	205.06	0.00061
84.85	212.13	0.00053	77.78	219.20	0.00046
212.13	70.71	0.00233	205.06	77.78	0.00265
197.99	84.85	0.00303	190.92	91.92	0.00347
183.85	98.99	0.00396	176.78	106.07	0.00450
169.71	113.14	0.00504	162.63	120.21	0.00548
159.10	123.74	0.00561	155.56	127.28	0.00566

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00563	152.03	130.81	0.00558
150.61	132.23	0.00550	149.20	133.64	0.00541
147.79	135.06	0.00533	135.06	147.79	0.00212
133.64	149.20	0.00208	132.23	150.61	0.00204
130.81	152.03	0.00201	129.40	153.44	0.00198
127.28	155.56	0.00192	123.74	159.10	0.00180
120.21	162.63	0.00167	113.14	169.71	0.00140
106.07	176.78	0.00116	98.99	183.85	0.00097
91.92	190.92	0.00082	84.85	197.99	0.00070
77.78	205.06	0.00060	70.71	212.13	0.00052
205.06	63.64	0.00235	197.99	70.71	0.00269
190.92	77.78	0.00309	183.85	84.85	0.00355
176.78	91.92	0.00408	169.71	98.99	0.00464
162.63	106.07	0.00520	155.56	113.14	0.00565
152.03	116.67	0.00578	148.49	120.21	0.00581
146.37	122.33	0.00577	144.96	123.74	0.00571
143.54	125.16	0.00564	142.13	126.57	0.00555

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

140.71	127.99	0.00546	127.99	140.71	0.00219
126.57	142.13	0.00215	125.16	143.54	0.00212
123.74	144.96	0.00209	122.33	146.37	0.00206
120.21	148.49	0.00202	116.67	152.03	0.00193
113.14	155.56	0.00181	106.07	162.63	0.00155
98.99	169.71	0.00130	91.92	176.78	0.00109
84.85	183.85	0.00092	77.78	190.92	0.00078
70.71	197.99	0.00067	63.64	205.06	0.00058
197.99	56.57	0.00231	190.92	63.64	0.00265
183.85	70.71	0.00304	176.78	77.78	0.00351
169.71	84.85	0.00404	162.63	91.92	0.00462
155.56	98.99	0.00521	148.49	106.07	0.00569
144.96	109.60	0.00583	141.42	113.14	0.00587
139.30	115.26	0.00582	137.89	116.67	0.00577
136.47	118.09	0.00570	135.06	119.50	0.00562
133.64	120.92	0.00553	120.92	133.64	0.00223
119.50	135.06	0.00218	118.09	136.47	0.00215
116.67	137.89	0.00213	115.26	139.30	0.00210
113.14	141.42	0.00206	109.60	144.96	0.00198
106.07	148.49	0.00188	98.99	155.56	0.00164
91.92	162.63	0.00140	84.85	169.71	0.00118
77.78	176.78	0.00100	70.71	183.85	0.00085
63.64	190.92	0.00072	56.57	197.99	0.00062

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

14:52:42
 **MODELOPTS:
 PAGE 106
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00219	183.85	56.57	0.00251
176.78	63.64	0.00289	169.71	70.71	0.00334
162.63	77.78	0.00386	155.56	84.85	0.00445
148.49	91.92	0.00507	141.42	98.99	0.00559
137.89	102.53	0.00576	134.35	106.07	0.00583
132.23	108.19	0.00580	130.81	109.60	0.00576
129.40	111.02	0.00570	127.99	112.43	0.00562
126.57	113.84	0.00553	113.84	126.57	0.00222
112.43	127.99	0.00218	111.02	129.40	0.00215
109.60	130.81	0.00213	108.19	132.23	0.00211
106.07	134.35	0.00207	102.53	137.89	0.00199

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00190	91.92	148.49	0.00168
84.85	155.56	0.00144	77.78	162.63	0.00123
70.71	169.71	0.00104	63.64	176.78	0.00088
56.57	183.85	0.00076	49.50	190.92	0.00065
183.85	42.43	0.00201	176.78	49.50	0.00229
169.71	56.57	0.00263	162.63	63.64	0.00304
155.56	70.71	0.00352	148.49	77.78	0.00408
141.42	84.85	0.00468	134.35	91.92	0.00526
130.81	95.46	0.00549	127.28	98.99	0.00562
125.16	101.12	0.00564	123.74	102.53	0.00562
122.33	103.94	0.00558	120.92	105.36	0.00552
119.50	106.77	0.00545	106.77	119.50	0.00217
105.36	120.92	0.00213	103.94	122.33	0.00211
102.53	123.74	0.00209	101.12	125.16	0.00207
98.99	127.28	0.00204	95.46	130.81	0.00197
91.92	134.35	0.00188	84.85	141.42	0.00166
77.78	148.49	0.00144	70.71	155.56	0.00123
63.64	162.63	0.00105	56.57	169.71	0.00089
49.50	176.78	0.00076	42.43	183.85	0.00066
176.78	35.36	0.00177	169.71	42.43	0.00201
162.63	49.50	0.00228	155.56	56.57	0.00262
148.49	63.64	0.00301	141.42	70.71	0.00347
134.35	77.78	0.00399	127.28	84.85	0.00453
123.74	88.39	0.00479	120.21	91.92	0.00501
118.09	94.05	0.00511	116.67	95.46	0.00516
115.26	96.87	0.00518	113.84	98.29	0.00518
112.43	99.70	0.00517	99.70	112.43	0.00205
98.29	113.84	0.00202	96.87	115.26	0.00201
95.46	116.67	0.00200	94.05	118.09	0.00198

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

14:52:42
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00196	88.39	123.74	0.00188
84.85	127.28	0.00179	77.78	134.35	0.00158
70.71	141.42	0.00137	63.64	148.49	0.00118
56.57	155.56	0.00101	49.50	162.63	0.00087
42.43	169.71	0.00075	35.36	176.78	0.00065

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00152	162.63	35.36	0.00169
155.56	42.43	0.00190	148.49	49.50	0.00213
141.42	56.57	0.00240	134.35	63.64	0.00269
127.28	70.71	0.00299	120.21	77.78	0.00328
116.67	81.32	0.00342	113.14	84.85	0.00356
111.02	86.97	0.00366	109.60	88.39	0.00373
108.19	89.80	0.00381	106.77	91.22	0.00392
105.36	92.63	0.00406	92.63	105.36	0.00182
91.22	106.77	0.00179	89.80	108.19	0.00177
88.39	109.60	0.00175	86.97	111.02	0.00174
84.85	113.14	0.00171	81.32	116.67	0.00164
77.78	120.21	0.00156	70.71	127.28	0.00139
63.64	134.35	0.00123	56.57	141.42	0.00107
49.50	148.49	0.00093	42.43	155.56	0.00081
35.36	162.63	0.00071	28.28	169.71	0.00062
162.63	21.21	0.00127	155.56	28.28	0.00139
148.49	35.36	0.00153	141.42	42.43	0.00167
134.35	49.50	0.00182	127.28	56.57	0.00195
120.21	63.64	0.00204	113.14	70.71	0.00204
109.60	74.25	0.00199	106.07	77.78	0.00191
103.94	79.90	0.00183	102.53	81.32	0.00178
101.12	82.73	0.00172	99.70	84.15	0.00165
98.29	85.56	0.00157	85.56	98.29	0.00106
84.15	99.70	0.00111	82.73	101.12	0.00114
81.32	102.53	0.00117	79.90	103.94	0.00120
77.78	106.07	0.00123	74.25	109.60	0.00124
70.71	113.14	0.00122	63.64	120.21	0.00115
56.57	127.28	0.00105	49.50	134.35	0.00094
42.43	141.42	0.00084	35.36	148.49	0.00074
28.28	155.56	0.00066	21.21	162.63	0.00058
155.56	14.14	0.00106	148.49	21.21	0.00114
141.42	28.28	0.00122	134.35	35.36	0.00130
127.28	42.43	0.00137	120.21	49.50	0.00141
113.14	56.57	0.00140	106.07	63.64	0.00134
102.53	67.18	0.00129	98.99	70.71	0.00122

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 14:52:42
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00118	95.46	74.25	0.00115
94.05	75.66	0.00112	92.63	77.07	0.00109
91.22	78.49	0.00106	78.49	91.22	0.00069
77.07	92.63	0.00071	75.66	94.05	0.00073
74.25	95.46	0.00075	72.83	96.87	0.00077
70.71	98.99	0.00081	67.18	102.53	0.00086
63.64	106.07	0.00088	56.57	113.14	0.00088
49.50	120.21	0.00085	42.43	127.28	0.00079
35.36	134.35	0.00072	28.28	141.42	0.00066
21.21	148.49	0.00060	14.14	155.56	0.00054
148.49	7.07	0.00088	141.42	14.14	0.00093
134.35	21.21	0.00098	127.28	28.28	0.00101
120.21	35.36	0.00104	113.14	42.43	0.00104
106.07	49.50	0.00102	98.99	56.57	0.00098
95.46	60.10	0.00095	91.92	63.64	0.00092
89.80	65.76	0.00090	88.39	67.18	0.00089
86.97	68.59	0.00087	85.56	70.00	0.00085
84.15	71.42	0.00083	71.42	84.15	0.00055
70.00	85.56	0.00055	68.59	86.97	0.00056
67.18	88.39	0.00056	65.76	89.80	0.00057
63.64	91.92	0.00058	60.10	95.46	0.00061
56.57	98.99	0.00063	49.50	106.07	0.00066
42.43	113.14	0.00066	35.36	120.21	0.00064
28.28	127.28	0.00061	21.21	134.35	0.00057
14.14	141.42	0.00052	7.07	148.49	0.00048
141.42	0.00	0.00073	134.35	7.07	0.00076
127.28	14.14	0.00078	120.21	21.21	0.00080
113.14	28.28	0.00081	106.07	35.36	0.00081
98.99	42.43	0.00079	91.92	49.50	0.00076
88.39	53.03	0.00075	84.85	56.57	0.00073
82.73	58.69	0.00072	81.32	60.10	0.00072
79.90	61.52	0.00071	78.49	62.93	0.00069
77.07	64.35	0.00067	64.35	77.07	0.00045
62.93	78.49	0.00045	61.52	79.90	0.00046
60.10	81.32	0.00046	58.69	82.73	0.00046
56.57	84.85	0.00046	53.03	88.39	0.00046
49.50	91.92	0.00047	42.43	98.99	0.00050
35.36	106.07	0.00051	28.28	113.14	0.00051
21.21	120.21	0.00050	14.14	127.28	0.00048
7.07	134.35	0.00045	0.00	141.42	0.00042

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTS:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00061	127.28	0.00	0.00062
120.21	7.07	0.00064	113.14	14.14	0.00065
106.07	21.21	0.00065	98.99	28.28	0.00065
91.92	35.36	0.00063	84.85	42.43	0.00062
81.32	45.96	0.00061	77.78	49.50	0.00060
75.66	51.62	0.00060	74.25	53.03	0.00059
72.83	54.45	0.00058	71.42	55.86	0.00057
70.00	57.28	0.00055	57.28	70.00	0.00038
55.86	71.42	0.00038	54.45	72.83	0.00038
53.03	74.25	0.00038	51.62	75.66	0.00038
49.50	77.78	0.00038	45.96	81.32	0.00038
42.43	84.85	0.00038	35.36	91.92	0.00039
28.28	98.99	0.00040	21.21	106.07	0.00041
14.14	113.14	0.00041	7.07	120.21	0.00040
0.00	127.28	0.00039	-7.07	134.35	0.00037
127.28	-14.14	0.00051	120.21	-7.07	0.00052
113.14	0.00	0.00053	106.07	7.07	0.00054
98.99	14.14	0.00054	91.92	21.21	0.00053
84.85	28.28	0.00052	77.78	35.36	0.00051
74.25	38.89	0.00051	70.71	42.43	0.00051
68.59	44.55	0.00050	67.18	45.96	0.00049
65.76	47.38	0.00048	64.35	48.79	0.00047
62.93	50.20	0.00045	50.20	62.93	0.00032
48.79	64.35	0.00032	47.38	65.76	0.00032
45.96	67.18	0.00032	44.55	68.59	0.00032
42.43	70.71	0.00032	38.89	74.25	0.00032
35.36	77.78	0.00032	28.28	84.85	0.00031
21.21	91.92	0.00032	14.14	98.99	0.00033
7.07	106.07	0.00033	0.00	113.14	0.00034
-7.07	120.21	0.00033	-14.14	127.28	0.00032
120.21	-21.21	0.00044	113.14	-14.14	0.00044
106.07	-7.07	0.00045	98.99	0.00	0.00045
91.92	7.07	0.00045	84.85	14.14	0.00044
77.78	21.21	0.00043	70.71	28.28	0.00043
67.18	31.82	0.00043	63.64	35.36	0.00043
61.52	37.48	0.00042	60.10	38.89	0.00041
58.69	40.31	0.00040	57.28	41.72	0.00039

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00037	43.13	55.86	0.00027
41.72	57.28	0.00027	40.31	58.69	0.00027
38.89	60.10	0.00027	37.48	61.52	0.00027

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00027	31.82	67.18	0.00027
28.28	70.71	0.00027	21.21	77.78	0.00026
14.14	84.85	0.00026	7.07	91.92	0.00027
0.00	98.99	0.00027	-7.07	106.07	0.00028
-14.14	113.14	0.00028	-21.21	120.21	0.00028
113.14	-28.28	0.00038	106.07	-21.21	0.00038
98.99	-14.14	0.00038	91.92	-7.07	0.00038
84.85	0.00	0.00038	77.78	7.07	0.00037
70.71	14.14	0.00037	63.64	21.21	0.00037
60.10	24.75	0.00037	56.57	28.28	0.00036
54.45	30.41	0.00036	53.03	31.82	0.00035
51.62	33.23	0.00034	50.20	34.65	0.00033
48.79	36.06	0.00032	36.06	48.79	0.00023
34.65	50.20	0.00023	33.23	51.62	0.00023
31.82	53.03	0.00023	30.41	54.45	0.00023
28.28	56.57	0.00023	24.75	60.10	0.00024
21.21	63.64	0.00023	14.14	70.71	0.00023
7.07	77.78	0.00022	0.00	84.85	0.00022
-7.07	91.92	0.00023	-14.14	98.99	0.00023
-21.21	106.07	0.00023	-28.28	113.14	0.00024
106.07	-35.36	0.00033	98.99	-28.28	0.00033
91.92	-21.21	0.00033	84.85	-14.14	0.00033
77.78	-7.07	0.00032	70.71	0.00	0.00032
63.64	7.07	0.00032	56.57	14.14	0.00032
53.03	17.68	0.00032	49.50	21.21	0.00031
47.38	23.33	0.00030	45.96	24.75	0.00030
44.55	26.16	0.00029	43.13	27.58	0.00028
41.72	28.99	0.00027	28.99	41.72	0.00020
27.58	43.13	0.00020	26.16	44.55	0.00020
24.75	45.96	0.00020	23.33	47.38	0.00020
21.21	49.50	0.00020	17.68	53.03	0.00020

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00020	7.07	63.64	0.00020
0.00	70.71	0.00019	-7.07	77.78	0.00019
-14.14	84.85	0.00019	-21.21	91.92	0.00020
-28.28	98.99	0.00020	-35.36	106.07	0.00020
98.99	-42.43	0.00029	91.92	-35.36	0.00029
84.85	-28.28	0.00028	77.78	-21.21	0.00028
70.71	-14.14	0.00028	63.64	-7.07	0.00028
56.57	0.00	0.00028	49.50	7.07	0.00028
45.96	10.61	0.00028	42.43	14.14	0.00027

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00026	38.89	17.68	0.00026
37.48	19.09	0.00025	36.06	20.51	0.00024
34.65	21.92	0.00023	21.92	34.65	0.00018
20.51	36.06	0.00018	19.09	37.48	0.00018
17.68	38.89	0.00017	16.26	40.31	0.00018
14.14	42.43	0.00018	10.61	45.96	0.00018
7.07	49.50	0.00018	0.00	56.57	0.00018
-7.07	63.64	0.00017	-14.14	70.71	0.00017
-21.21	77.78	0.00017	-28.28	84.85	0.00017
-35.36	91.92	0.00017	-42.43	98.99	0.00017
91.92	-49.50	0.00025	84.85	-42.43	0.00025
77.78	-35.36	0.00025	70.71	-28.28	0.00025
63.64	-21.21	0.00025	56.57	-14.14	0.00025
49.50	-7.07	0.00025	42.43	0.00	0.00025
38.89	3.54	0.00024	35.36	7.07	0.00024
33.23	9.19	0.00023	31.82	10.61	0.00022
30.41	12.02	0.00022	28.99	13.44	0.00021
27.58	14.85	0.00020	14.85	27.58	0.00016
13.44	28.99	0.00016	12.02	30.41	0.00015
10.61	31.82	0.00015	9.19	33.23	0.00015
7.07	35.36	0.00015	3.54	38.89	0.00016
0.00	42.43	0.00016	-7.07	49.50	0.00016
-14.14	56.57	0.00015	-21.21	63.64	0.00015
-28.28	70.71	0.00014	-35.36	77.78	0.00014
-42.43	84.85	0.00015	-49.50	91.92	0.00015

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

84.85	-56.57	0.00022	77.78	-49.50	0.00022
70.71	-42.43	0.00022	63.64	-35.36	0.00022
56.57	-28.28	0.00022	49.50	-21.21	0.00022
42.43	-14.14	0.00022	35.36	-7.07	0.00022
31.82	-3.54	0.00022	28.28	0.00	0.00021
26.16	2.12	0.00020	24.75	3.54	0.00020
23.33	4.95	0.00019	21.92	6.36	0.00018
20.51	7.78	0.00018	7.78	20.51	0.00014
6.36	21.92	0.00014	4.95	23.33	0.00014
3.54	24.75	0.00014	2.12	26.16	0.00014
0.00	28.28	0.00014	-3.54	31.82	0.00014
-7.07	35.36	0.00014	-14.14	42.43	0.00014
-21.21	49.50	0.00014	-28.28	56.57	0.00013
-35.36	63.64	0.00013	-42.43	70.71	0.00013
-49.50	77.78	0.00013	-56.57	84.85	0.00013

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00020	70.71	-56.57	0.00020
63.64	-49.50	0.00020	56.57	-42.43	0.00020
49.50	-35.36	0.00020	42.43	-28.28	0.00020
35.36	-21.21	0.00020	28.28	-14.14	0.00020
24.75	-10.61	0.00019	21.21	-7.07	0.00018
19.09	-4.95	0.00018	17.68	-3.54	0.00017
16.26	-2.12	0.00017	14.85	-0.71	0.00016
13.44	0.71	0.00016	0.71	13.44	0.00013
-0.71	14.85	0.00012	-2.12	16.26	0.00012
-3.54	17.68	0.00012	-4.95	19.09	0.00012
-7.07	21.21	0.00012	-10.61	24.75	0.00012
-14.14	28.28	0.00012	-21.21	35.36	0.00013
-28.28	42.43	0.00012	-35.36	49.50	0.00012
-42.43	56.57	0.00012	-49.50	63.64	0.00011
-56.57	70.71	0.00011	-63.64	77.78	0.00011
70.71	-70.71	0.00018	63.64	-63.64	0.00018
56.57	-56.57	0.00018	49.50	-49.50	0.00018
42.43	-42.43	0.00018	35.36	-35.36	0.00018
28.28	-28.28	0.00018	21.21	-21.21	0.00018

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

17.68	-17.68	0.00017	14.14	-14.14	0.00016
12.02	-12.02	0.00016	10.61	-10.61	0.00015
9.19	-9.19	0.00015	7.78	-7.78	0.00014
6.36	-6.36	0.00014	-6.36	6.36	0.00011
-7.78	7.78	0.00011	-9.19	9.19	0.00011
-10.61	10.61	0.00011	-12.02	12.02	0.00011
-14.14	14.14	0.00011	-17.68	17.68	0.00011
-21.21	21.21	0.00011	-28.28	28.28	0.00011
-35.36	35.36	0.00011	-42.43	42.43	0.00011
-49.50	49.50	0.00011	-56.57	56.57	0.00010
-63.64	63.64	0.00010	-70.71	70.71	0.00010
63.64	-77.78	0.00016	56.57	-70.71	0.00016
49.50	-63.64	0.00016	42.43	-56.57	0.00016
35.36	-49.50	0.00016	28.28	-42.43	0.00016
21.21	-35.36	0.00016	14.14	-28.28	0.00016
10.61	-24.75	0.00015	7.07	-21.21	0.00015
4.95	-19.09	0.00014	3.54	-17.68	0.00014
2.12	-16.26	0.00013	0.71	-14.85	0.00013
-0.71	-13.44	0.00013	-13.44	-0.71	0.00010
-14.85	0.71	0.00010	-16.26	2.12	0.00010
-17.68	3.54	0.00010	-19.09	4.95	0.00010

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00010	-24.75	10.61	0.00010
-28.28	14.14	0.00010	-35.36	21.21	0.00010
-42.43	28.28	0.00010	-49.50	35.36	0.00010
-56.57	42.43	0.00010	-63.64	49.50	0.00009
-70.71	56.57	0.00009	-77.78	63.64	0.00009
56.57	-84.85	0.00014	49.50	-77.78	0.00014
42.43	-70.71	0.00014	35.36	-63.64	0.00014
28.28	-56.57	0.00015	21.21	-49.50	0.00015
14.14	-42.43	0.00015	7.07	-35.36	0.00014
3.54	-31.82	0.00014	0.00	-28.28	0.00013
-2.12	-26.16	0.00013	-3.54	-24.75	0.00012
-4.95	-23.33	0.00012	-6.36	-21.92	0.00012
-7.78	-20.51	0.00011	-20.51	-7.78	0.00009

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-21.92	-6.36	0.00009	-23.33	-4.95	0.00009
-24.75	-3.54	0.00009	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00009
-49.50	21.21	0.00009	-56.57	28.28	0.00009
-63.64	35.36	0.00009	-70.71	42.43	0.00009
-77.78	49.50	0.00008	-84.85	56.57	0.00008
49.50	-91.92	0.00013	42.43	-84.85	0.00013
35.36	-77.78	0.00013	28.28	-70.71	0.00013
21.21	-63.64	0.00013	14.14	-56.57	0.00013
7.07	-49.50	0.00013	0.00	-42.43	0.00013
-3.54	-38.89	0.00012	-7.07	-35.36	0.00012
-9.19	-33.23	0.00011	-10.61	-31.82	0.00011
-12.02	-30.41	0.00011	-13.44	-28.99	0.00011
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00008
-31.82	-10.61	0.00008	-33.23	-9.19	0.00008
-35.36	-7.07	0.00008	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00009	-63.64	21.21	0.00008
-70.71	28.28	0.00008	-77.78	35.36	0.00008
-84.85	42.43	0.00008	-91.92	49.50	0.00008
42.43	-98.99	0.00012	35.36	-91.92	0.00012
28.28	-84.85	0.00012	21.21	-77.78	0.00012
14.14	-70.71	0.00012	7.07	-63.64	0.00012
0.00	-56.57	0.00012	-7.07	-49.50	0.00012
-10.61	-45.96	0.00011	-14.14	-42.43	0.00011

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00010	-17.68	-38.89	0.00010
-19.09	-37.48	0.00010	-20.51	-36.06	0.00010
-21.92	-34.65	0.00009	-34.65	-21.92	0.00008
-36.06	-20.51	0.00008	-37.48	-19.09	0.00008
-38.89	-17.68	0.00008	-40.31	-16.26	0.00008
-42.43	-14.14	0.00008	-45.96	-10.61	0.00008
-49.50	-7.07	0.00008	-56.57	0.00	0.00008

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-63.64	7.07	0.00008	-70.71	14.14	0.00008
-77.78	21.21	0.00008	-84.85	28.28	0.00007
-91.92	35.36	0.00007	-98.99	42.43	0.00007
35.36	-106.07	0.00011	28.28	-98.99	0.00011
21.21	-91.92	0.00011	14.14	-84.85	0.00011
7.07	-77.78	0.00011	0.00	-70.71	0.00011
-7.07	-63.64	0.00011	-14.14	-56.57	0.00011
-17.68	-53.03	0.00010	-21.21	-49.50	0.00010
-23.33	-47.38	0.00009	-24.75	-45.96	0.00009
-26.16	-44.55	0.00009	-27.58	-43.13	0.00009
-28.99	-41.72	0.00009	-41.72	-28.99	0.00007
-43.13	-27.58	0.00007	-44.55	-26.16	0.00007
-45.96	-24.75	0.00007	-47.38	-23.33	0.00007
-49.50	-21.21	0.00007	-53.03	-17.68	0.00007
-56.57	-14.14	0.00007	-63.64	-7.07	0.00007
-70.71	0.00	0.00007	-77.78	7.07	0.00007
-84.85	14.14	0.00007	-91.92	21.21	0.00007
-98.99	28.28	0.00007	-106.07	35.36	0.00007
28.28	-113.14	0.00010	21.21	-106.07	0.00010
14.14	-98.99	0.00010	7.07	-91.92	0.00010
0.00	-84.85	0.00011	-7.07	-77.78	0.00011
-14.14	-70.71	0.00010	-21.21	-63.64	0.00010
-24.75	-60.10	0.00009	-28.28	-56.57	0.00009
-30.41	-54.45	0.00009	-31.82	-53.03	0.00009
-33.23	-51.62	0.00008	-34.65	-50.20	0.00008
-36.06	-48.79	0.00008	-48.79	-36.06	0.00007
-50.20	-34.65	0.00007	-51.62	-33.23	0.00007
-53.03	-31.82	0.00007	-54.45	-30.41	0.00007
-56.57	-28.28	0.00006	-60.10	-24.75	0.00006
-63.64	-21.21	0.00006	-70.71	-14.14	0.00007
-77.78	-7.07	0.00007	-84.85	0.00	0.00007
-91.92	7.07	0.00007	-98.99	14.14	0.00007
-106.07	21.21	0.00006	-113.14	28.28	0.00006

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00010	14.14	-113.14	0.00010

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-106.07	0.00010	0.00	-98.99	0.00010
-7.07	-91.92	0.00010	-14.14	-84.85	0.00010
-21.21	-77.78	0.00010	-28.28	-70.71	0.00009
-31.82	-67.18	0.00009	-35.36	-63.64	0.00008
-37.48	-61.52	0.00008	-38.89	-60.10	0.00008
-40.31	-58.69	0.00008	-41.72	-57.28	0.00008
-43.13	-55.86	0.00007	-55.86	-43.13	0.00006
-57.28	-41.72	0.00006	-58.69	-40.31	0.00006
-60.10	-38.89	0.00006	-61.52	-37.48	0.00006
-63.64	-35.36	0.00006	-67.18	-31.82	0.00006
-70.71	-28.28	0.00006	-77.78	-21.21	0.00006
-84.85	-14.14	0.00006	-91.92	-7.07	0.00006
-98.99	0.00	0.00006	-106.07	7.07	0.00006
-113.14	14.14	0.00006	-120.21	21.21	0.00006
14.14	-127.28	0.00009	7.07	-120.21	0.00009
0.00	-113.14	0.00009	-7.07	-106.07	0.00009
-14.14	-98.99	0.00009	-21.21	-91.92	0.00009
-28.28	-84.85	0.00009	-35.36	-77.78	0.00008
-38.89	-74.25	0.00008	-42.43	-70.71	0.00008
-44.55	-68.59	0.00007	-45.96	-67.18	0.00007
-47.38	-65.76	0.00007	-48.79	-64.35	0.00007
-50.20	-62.93	0.00007	-62.93	-50.20	0.00006
-64.35	-48.79	0.00006	-65.76	-47.38	0.00006
-67.18	-45.96	0.00006	-68.59	-44.55	0.00006
-70.71	-42.43	0.00006	-74.25	-38.89	0.00006
-77.78	-35.36	0.00006	-84.85	-28.28	0.00006
-91.92	-21.21	0.00006	-98.99	-14.14	0.00006
-106.07	-7.07	0.00006	-113.14	0.00	0.00006
-120.21	7.07	0.00006	-127.28	14.14	0.00005
7.07	-134.35	0.00008	0.00	-127.28	0.00008
-7.07	-120.21	0.00008	-14.14	-113.14	0.00008
-21.21	-106.07	0.00009	-28.28	-98.99	0.00008
-35.36	-91.92	0.00008	-42.43	-84.85	0.00008
-45.96	-81.32	0.00007	-49.50	-77.78	0.00007
-51.62	-75.66	0.00007	-53.03	-74.25	0.00007
-54.45	-72.83	0.00007	-55.86	-71.42	0.00006
-57.28	-70.00	0.00006	-70.00	-57.28	0.00005
-71.42	-55.86	0.00005	-72.83	-54.45	0.00005
-74.25	-53.03	0.00005	-75.66	-51.62	0.00005

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00005	-81.32	-45.96	0.00005
-84.85	-42.43	0.00005	-91.92	-35.36	0.00005
-98.99	-28.28	0.00005	-106.07	-21.21	0.00005
-113.14	-14.14	0.00005	-120.21	-7.07	0.00005
-127.28	0.00	0.00005	-134.35	7.07	0.00005
0.00	-141.42	0.00008	-7.07	-134.35	0.00008
-14.14	-127.28	0.00008	-21.21	-120.21	0.00008
-28.28	-113.14	0.00008	-35.36	-106.07	0.00008
-42.43	-98.99	0.00008	-49.50	-91.92	0.00007
-53.03	-88.39	0.00007	-56.57	-84.85	0.00007
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00005
-78.49	-62.93	0.00005	-79.90	-61.52	0.00005
-81.32	-60.10	0.00005	-82.73	-58.69	0.00005
-84.85	-56.57	0.00005	-88.39	-53.03	0.00005
-91.92	-49.50	0.00005	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00005	-127.28	-14.14	0.00005
-134.35	-7.07	0.00005	-141.42	0.00	0.00005
-7.07	-148.49	0.00007	-14.14	-141.42	0.00007
-21.21	-134.35	0.00007	-28.28	-127.28	0.00007
-35.36	-120.21	0.00007	-42.43	-113.14	0.00007
-49.50	-106.07	0.00007	-56.57	-98.99	0.00007
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00006	-67.18	-88.39	0.00006
-68.59	-86.97	0.00006	-70.00	-85.56	0.00006
-71.42	-84.15	0.00006	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00005
-113.14	-42.43	0.00005	-120.21	-35.36	0.00005
-127.28	-28.28	0.00005	-134.35	-21.21	0.00005
-141.42	-14.14	0.00005	-148.49	-7.07	0.00005
-14.14	-155.56	0.00007	-21.21	-148.49	0.00007
-28.28	-141.42	0.00007	-35.36	-134.35	0.00007
-42.43	-127.28	0.00007	-49.50	-120.21	0.00007
-56.57	-113.14	0.00007	-63.64	-106.07	0.00006

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-67.18 -102.53 0.00006 -70.71 -98.99 0.00006

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00006	-74.25	-95.46	0.00005
-75.66	-94.05	0.00005	-77.07	-92.63	0.00005
-78.49	-91.22	0.00005	-91.22	-78.49	0.00005
-92.63	-77.07	0.00004	-94.05	-75.66	0.00004
-95.46	-74.25	0.00004	-96.87	-72.83	0.00004
-98.99	-70.71	0.00004	-102.53	-67.18	0.00004
-106.07	-63.64	0.00004	-113.14	-56.57	0.00004
-120.21	-49.50	0.00004	-127.28	-42.43	0.00004
-134.35	-35.36	0.00004	-141.42	-28.28	0.00004
-148.49	-21.21	0.00004	-155.56	-14.14	0.00004
-21.21	-162.63	0.00006	-28.28	-155.56	0.00007
-35.36	-148.49	0.00007	-42.43	-141.42	0.00007
-49.50	-134.35	0.00007	-56.57	-127.28	0.00006
-63.64	-120.21	0.00006	-70.71	-113.14	0.00006
-74.25	-109.60	0.00006	-77.78	-106.07	0.00005
-79.90	-103.94	0.00005	-81.32	-102.53	0.00005
-82.73	-101.12	0.00005	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00004
-99.70	-84.15	0.00004	-101.12	-82.73	0.00004
-102.53	-81.32	0.00004	-103.94	-79.90	0.00004
-106.07	-77.78	0.00004	-109.60	-74.25	0.00004
-113.14	-70.71	0.00004	-120.21	-63.64	0.00004
-127.28	-56.57	0.00004	-134.35	-49.50	0.00004
-141.42	-42.43	0.00004	-148.49	-35.36	0.00004
-155.56	-28.28	0.00004	-162.63	-21.21	0.00004
-28.28	-169.71	0.00006	-35.36	-162.63	0.00006
-42.43	-155.56	0.00006	-49.50	-148.49	0.00006
-56.57	-141.42	0.00006	-63.64	-134.35	0.00006
-70.71	-127.28	0.00006	-77.78	-120.21	0.00005
-81.32	-116.67	0.00005	-84.85	-113.14	0.00005
-86.97	-111.02	0.00005	-88.39	-109.60	0.00005
-89.80	-108.19	0.00005	-91.22	-106.77	0.00005
-92.63	-105.36	0.00005	-105.36	-92.63	0.00004

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-106.77	-91.22	0.00004	-108.19	-89.80	0.00004
-109.60	-88.39	0.00004	-111.02	-86.97	0.00004
-113.14	-84.85	0.00004	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00004
-162.63	-35.36	0.00004	-169.71	-28.28	0.00004

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00006	-42.43	-169.71	0.00006
-49.50	-162.63	0.00006	-56.57	-155.56	0.00006
-63.64	-148.49	0.00006	-70.71	-141.42	0.00006
-77.78	-134.35	0.00005	-84.85	-127.28	0.00005
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00005
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00004
-155.56	-56.57	0.00004	-162.63	-49.50	0.00004
-169.71	-42.43	0.00004	-176.78	-35.36	0.00004
-42.43	-183.85	0.00006	-49.50	-176.78	0.00006
-56.57	-169.71	0.00006	-63.64	-162.63	0.00006
-70.71	-155.56	0.00006	-77.78	-148.49	0.00005
-84.85	-141.42	0.00005	-91.92	-134.35	0.00005
-95.46	-130.81	0.00005	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00003
-127.28	-98.99	0.00003	-130.81	-95.46	0.00003
-134.35	-91.92	0.00003	-141.42	-84.85	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-77.78	0.00003	-155.56	-70.71	0.00003
-162.63	-63.64	0.00004	-169.71	-56.57	0.00004
-176.78	-49.50	0.00004	-183.85	-42.43	0.00004
-49.50	-190.92	0.00005	-56.57	-183.85	0.00005
-63.64	-176.78	0.00005	-70.71	-169.71	0.00005
-77.78	-162.63	0.00005	-84.85	-155.56	0.00005
-91.92	-148.49	0.00005	-98.99	-141.42	0.00005
-102.53	-137.89	0.00004	-106.07	-134.35	0.00004
-108.19	-132.23	0.00004	-109.60	-130.81	0.00004
-111.02	-129.40	0.00004	-112.43	-127.99	0.00004
-113.84	-126.57	0.00004	-126.57	-113.84	0.00003
-127.99	-112.43	0.00003	-129.40	-111.02	0.00003
-130.81	-109.60	0.00003	-132.23	-108.19	0.00003

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00003	-137.89	-102.53	0.00003
-141.42	-98.99	0.00003	-148.49	-91.92	0.00003
-155.56	-84.85	0.00003	-162.63	-77.78	0.00003
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00005	-63.64	-190.92	0.00005
-70.71	-183.85	0.00005	-77.78	-176.78	0.00005
-84.85	-169.71	0.00005	-91.92	-162.63	0.00005
-98.99	-155.56	0.00005	-106.07	-148.49	0.00004
-109.60	-144.96	0.00004	-113.14	-141.42	0.00004
-115.26	-139.30	0.00004	-116.67	-137.89	0.00004
-118.09	-136.47	0.00004	-119.50	-135.06	0.00004
-120.92	-133.64	0.00004	-133.64	-120.92	0.00003
-135.06	-119.50	0.00003	-136.47	-118.09	0.00003
-137.89	-116.67	0.00003	-139.30	-115.26	0.00003
-141.42	-113.14	0.00003	-144.96	-109.60	0.00003
-148.49	-106.07	0.00003	-155.56	-98.99	0.00003
-162.63	-91.92	0.00003	-169.71	-84.85	0.00003
-176.78	-77.78	0.00003	-183.85	-70.71	0.00003
-190.92	-63.64	0.00003	-197.99	-56.57	0.00003
-63.64	-205.06	0.00005	-70.71	-197.99	0.00005

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	-190.92	0.00005	-84.85	-183.85	0.00005
-91.92	-176.78	0.00005	-98.99	-169.71	0.00005
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00003	-140.71	-127.99	0.00003
-142.13	-126.57	0.00003	-143.54	-125.16	0.00003
-144.96	-123.74	0.00003	-146.37	-122.33	0.00003
-148.49	-120.21	0.00003	-152.03	-116.67	0.00003
-155.56	-113.14	0.00003	-162.63	-106.07	0.00003
-169.71	-98.99	0.00003	-176.78	-91.92	0.00003
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00003
-70.71	-212.13	0.00005	-77.78	-205.06	0.00005
-84.85	-197.99	0.00005	-91.92	-190.92	0.00005
-98.99	-183.85	0.00004	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00004

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00003	-130.81	-152.03	0.00003
-132.23	-150.61	0.00003	-133.64	-149.20	0.00003
-135.06	-147.79	0.00003	-147.79	-135.06	0.00003
-149.20	-133.64	0.00003	-150.61	-132.23	0.00003
-152.03	-130.81	0.00003	-153.44	-129.40	0.00003
-155.56	-127.28	0.00003	-159.10	-123.74	0.00003
-162.63	-120.21	0.00003	-169.71	-113.14	0.00003
-176.78	-106.07	0.00003	-183.85	-98.99	0.00003
-190.92	-91.92	0.00003	-197.99	-84.85	0.00003
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00004	-84.85	-212.13	0.00004
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004
-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00004	-127.28	-169.71	0.00004
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00004	-120.21	-190.92	0.00004
-127.28	-183.85	0.00004	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-106.07	-219.20	0.00004	-113.14	-212.13	0.00004
-120.21	-205.06	0.00004	-127.28	-197.99	0.00004
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00002	-180.31	-144.96	0.00002
-183.85	-141.42	0.00002	-190.92	-134.35	0.00002
-197.99	-127.28	0.00002	-205.06	-120.21	0.00002
-212.13	-113.14	0.00002	-219.20	-106.07	0.00002
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00004	-106.07	-233.35	0.00004
-113.14	-226.27	0.00004	-120.21	-219.20	0.00004
-127.28	-212.13	0.00004	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00002
-177.48	-161.93	0.00002	-178.90	-160.51	0.00002
-180.31	-159.10	0.00002	-181.73	-157.68	0.00002
-183.85	-155.56	0.00002	-187.38	-152.03	0.00002
-190.92	-148.49	0.00002	-197.99	-141.42	0.00002
-205.06	-134.35	0.00002	-212.13	-127.28	0.00002
-219.20	-120.21	0.00002	-226.27	-113.14	0.00002
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00004	-113.14	-240.42	0.00004
-120.21	-233.35	0.00004	-127.28	-226.27	0.00004
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00002
-184.55	-169.00	0.00002	-185.97	-167.58	0.00002
-187.38	-166.17	0.00002	-188.80	-164.76	0.00002

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00002	-194.45	-159.10	0.00002
-197.99	-155.56	0.00002	-205.06	-148.49	0.00002
-212.13	-141.42	0.00002	-219.20	-134.35	0.00002

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00298	197.99	127.28	0.00318
190.92	134.35	0.00334	183.85	141.42	0.00340
180.31	144.96	0.00335	176.78	148.49	0.00320
174.66	150.61	0.00304	173.24	152.03	0.00290
171.83	153.44	0.00272	170.41	154.86	0.00250
169.00	156.27	0.00224	156.27	169.00	0.00106
154.86	170.41	0.00104	153.44	171.83	0.00102
152.03	173.24	0.00101	150.61	174.66	0.00100

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00098	144.96	180.31	0.00094
141.42	183.85	0.00091	134.35	190.92	0.00082
127.28	197.99	0.00075	120.21	205.06	0.00068
113.14	212.13	0.00061	106.07	219.20	0.00056
99.00	226.27	0.00051	91.92	233.35	0.00047
226.27	84.85	0.00255	219.20	91.92	0.00277
212.13	98.99	0.00302	205.06	106.07	0.00330
197.99	113.14	0.00362	190.92	120.21	0.00398
183.85	127.28	0.00436	176.78	134.35	0.00470
173.24	137.89	0.00484	169.71	141.42	0.00491
167.58	143.54	0.00491	166.17	144.96	0.00489
164.76	146.37	0.00487	163.34	147.79	0.00484
161.93	149.20	0.00481	149.20	161.93	0.00185
147.79	163.34	0.00176	146.37	164.76	0.00169
144.96	166.17	0.00163	143.54	167.58	0.00157
141.42	169.71	0.00150	137.89	173.24	0.00139
134.35	176.78	0.00128	127.28	183.85	0.00111
120.21	190.92	0.00096	113.14	197.99	0.00084
106.07	205.06	0.00075	99.00	212.13	0.00067
91.92	219.20	0.00060	84.85	226.27	0.00055
219.20	77.78	0.00281	212.13	84.85	0.00307
205.06	91.92	0.00338	197.99	98.99	0.00372
190.92	106.07	0.00412	183.85	113.14	0.00457
176.78	120.21	0.00504	169.71	127.28	0.00545
166.17	130.81	0.00559	162.63	134.35	0.00565
160.51	136.47	0.00562	159.10	137.89	0.00557

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00550	156.27	140.71	0.00543
154.86	142.13	0.00536	142.13	154.86	0.00224
140.71	156.27	0.00218	139.30	157.68	0.00213
137.89	159.10	0.00208	136.47	160.51	0.00203
134.35	162.63	0.00195	130.81	166.17	0.00180
127.28	169.71	0.00165	120.21	176.78	0.00140
113.14	183.85	0.00119	106.07	190.92	0.00102
99.00	197.99	0.00089	91.92	205.06	0.00078
84.85	212.13	0.00070	77.78	219.20	0.00062
212.13	70.71	0.00304	205.06	77.78	0.00333
197.99	84.85	0.00366	190.92	91.92	0.00405
183.85	98.99	0.00450	176.78	106.07	0.00498
169.71	113.14	0.00546	162.63	120.21	0.00585
159.10	123.74	0.00596	155.56	127.28	0.00599

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00594	152.03	130.81	0.00588
150.61	132.23	0.00579	149.20	133.64	0.00570
147.79	135.06	0.00561	135.06	147.79	0.00241
133.64	149.20	0.00236	132.23	150.61	0.00233
130.81	152.03	0.00230	129.40	153.44	0.00226
127.28	155.56	0.00220	123.74	159.10	0.00207
120.21	162.63	0.00193	113.14	169.71	0.00164
106.07	176.78	0.00140	98.99	183.85	0.00119
91.92	190.92	0.00103	84.85	197.99	0.00090
77.78	205.06	0.00079	70.71	212.13	0.00071
205.06	63.64	0.00322	197.99	70.71	0.00354
190.92	77.78	0.00389	183.85	84.85	0.00430
176.78	91.92	0.00476	169.71	98.99	0.00525
162.63	106.07	0.00573	155.56	113.14	0.00611
152.03	116.67	0.00621	148.49	120.21	0.00620
146.37	122.33	0.00614	144.96	123.74	0.00608
143.54	125.16	0.00600	142.13	126.57	0.00589
140.71	127.99	0.00580	127.99	140.71	0.00253
126.57	142.13	0.00248	125.16	143.54	0.00245
123.74	144.96	0.00242	122.33	146.37	0.00239

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00234	116.67	152.03	0.00224
113.14	155.56	0.00211	106.07	162.63	0.00183
98.99	169.71	0.00157	91.92	176.78	0.00134
84.85	183.85	0.00116	77.78	190.92	0.00101
70.71	197.99	0.00089	63.64	205.06	0.00079
197.99	56.57	0.00338	190.92	63.64	0.00370
183.85	70.71	0.00407	176.78	77.78	0.00449
169.71	84.85	0.00495	162.63	91.92	0.00544
155.56	98.99	0.00592	148.49	106.07	0.00629
144.96	109.60	0.00638	141.42	113.14	0.00637
139.30	115.26	0.00630	137.89	116.67	0.00623
136.47	118.09	0.00615	135.06	119.50	0.00605
133.64	120.92	0.00595	120.92	133.64	0.00263
119.50	135.06	0.00258	118.09	136.47	0.00255
116.67	137.89	0.00252	115.26	139.30	0.00249
113.14	141.42	0.00244	109.60	144.96	0.00234
106.07	148.49	0.00223	98.99	155.56	0.00196
91.92	162.63	0.00170	84.85	169.71	0.00146
77.78	176.78	0.00127	70.71	183.85	0.00110
63.64	190.92	0.00097	56.57	197.99	0.00086

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00350	183.85	56.57	0.00383
176.78	63.64	0.00420	169.71	70.71	0.00463
162.63	77.78	0.00509	155.56	84.85	0.00559
148.49	91.92	0.00606	141.42	98.99	0.00642
137.89	102.53	0.00651	134.35	106.07	0.00649
132.23	108.19	0.00643	130.81	109.60	0.00635
129.40	111.02	0.00627	127.99	112.43	0.00616
126.57	113.84	0.00606	113.84	126.57	0.00270
112.43	127.99	0.00266	111.02	129.40	0.00262
109.60	130.81	0.00259	108.19	132.23	0.00256
106.07	134.35	0.00251	102.53	137.89	0.00242
98.99	141.42	0.00231	91.92	148.49	0.00205
84.85	155.56	0.00180	77.78	162.63	0.00156
70.71	169.71	0.00136	63.64	176.78	0.00119

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00104	49.50	190.92	0.00092
183.85	42.43	0.00360	176.78	49.50	0.00393
169.71	56.57	0.00431	162.63	63.64	0.00473
155.56	70.71	0.00520	148.49	77.78	0.00570
141.42	84.85	0.00617	134.35	91.92	0.00652
130.81	95.46	0.00661	127.28	98.99	0.00659
125.16	101.12	0.00653	123.74	102.53	0.00646
122.33	103.94	0.00637	120.92	105.36	0.00626
119.50	106.77	0.00615	106.77	119.50	0.00277
105.36	120.92	0.00272	103.94	122.33	0.00269
102.53	123.74	0.00266	101.12	125.16	0.00263
98.99	127.28	0.00258	95.46	130.81	0.00248
91.92	134.35	0.00237	84.85	141.42	0.00212
77.78	148.49	0.00187	70.71	155.56	0.00164
63.64	162.63	0.00143	56.57	169.71	0.00126
49.50	176.78	0.00111	42.43	183.85	0.00098
176.78	35.36	0.00368	169.71	42.43	0.00402
162.63	49.50	0.00440	155.56	56.57	0.00482
148.49	63.64	0.00530	141.42	70.71	0.00579
134.35	77.78	0.00625	127.28	84.85	0.00661
123.74	88.39	0.00669	120.21	91.92	0.00668
118.09	94.05	0.00661	116.67	95.46	0.00654
115.26	96.87	0.00645	113.84	98.29	0.00634
112.43	99.70	0.00623	99.70	112.43	0.00282
98.29	113.84	0.00277	96.87	115.26	0.00274
95.46	116.67	0.00271	94.05	118.09	0.00268

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTS:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00263	88.39	123.74	0.00253
84.85	127.28	0.00241	77.78	134.35	0.00217
70.71	141.42	0.00192	63.64	148.49	0.00169
56.57	155.56	0.00149	49.50	162.63	0.00131
42.43	169.71	0.00116	35.36	176.78	0.00103
169.71	28.28	0.00375	162.63	35.36	0.00408
155.56	42.43	0.00447	148.49	49.50	0.00490
141.42	56.57	0.00537	134.35	63.64	0.00586

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00632	120.21	77.78	0.00667
116.67	81.32	0.00676	113.14	84.85	0.00675
111.02	86.97	0.00669	109.60	88.39	0.00661
108.19	89.80	0.00652	106.77	91.22	0.00641
105.36	92.63	0.00629	92.63	105.36	0.00286
91.22	106.77	0.00281	89.80	108.19	0.00278
88.39	109.60	0.00275	86.97	111.02	0.00272
84.85	113.14	0.00267	81.32	116.67	0.00257
77.78	120.21	0.00246	70.71	127.28	0.00221
63.64	134.35	0.00196	56.57	141.42	0.00174
49.50	148.49	0.00153	42.43	155.56	0.00136
35.36	162.63	0.00121	28.28	169.71	0.00108
162.63	21.21	0.00380	155.56	28.28	0.00414
148.49	35.36	0.00453	141.42	42.43	0.00496
134.35	49.50	0.00543	127.28	56.57	0.00592
120.21	63.64	0.00638	113.14	70.71	0.00673
109.60	74.25	0.00682	106.07	77.78	0.00680
103.94	79.90	0.00673	102.53	81.32	0.00666
101.12	82.73	0.00657	99.70	84.15	0.00648
98.29	85.56	0.00637	85.56	98.29	0.00290
84.15	99.70	0.00285	82.73	101.12	0.00282
81.32	102.53	0.00279	79.90	103.94	0.00276
77.78	106.07	0.00271	74.25	109.60	0.00261
70.71	113.14	0.00249	63.64	120.21	0.00224
56.57	127.28	0.00199	49.50	134.35	0.00177
42.43	141.42	0.00157	35.36	148.49	0.00140
28.28	155.56	0.00125	21.21	162.63	0.00112
155.56	14.14	0.00385	148.49	21.21	0.00419
141.42	28.28	0.00458	134.35	35.36	0.00501
127.28	42.43	0.00548	120.21	49.50	0.00596
113.14	56.57	0.00643	106.07	63.64	0.00677
102.53	67.18	0.00686	98.99	70.71	0.00685

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

14:52:42
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00679	95.46	74.25	0.00671
94.05	75.66	0.00661	92.63	77.07	0.00651

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00640	78.49	91.22	0.00292
77.07	92.63	0.00288	75.66	94.05	0.00284
74.25	95.46	0.00282	72.83	96.87	0.00279
70.71	98.99	0.00274	67.18	102.53	0.00264
63.64	106.07	0.00252	56.57	113.14	0.00227
49.50	120.21	0.00202	42.43	127.28	0.00180
35.36	134.35	0.00160	28.28	141.42	0.00143
21.21	148.49	0.00128	14.14	155.56	0.00115
148.49	7.07	0.00389	141.42	14.14	0.00424
134.35	21.21	0.00462	127.28	28.28	0.00505
120.21	35.36	0.00552	113.14	42.43	0.00600
106.07	49.50	0.00647	98.99	56.57	0.00682
95.46	60.10	0.00690	91.92	63.64	0.00689
89.80	65.76	0.00683	88.39	67.18	0.00675
86.97	68.59	0.00665	85.56	70.00	0.00654
84.15	71.42	0.00643	71.42	84.15	0.00294
70.00	85.56	0.00290	68.59	86.97	0.00287
67.18	88.39	0.00284	65.76	89.80	0.00281
63.64	91.92	0.00276	60.10	95.46	0.00266
56.57	98.99	0.00255	49.50	106.07	0.00229
42.43	113.14	0.00204	35.36	120.21	0.00182
28.28	127.28	0.00162	21.21	134.35	0.00145
14.14	141.42	0.00130	7.07	148.49	0.00117
141.42	0.00	0.00393	134.35	7.07	0.00427
127.28	14.14	0.00466	120.21	21.21	0.00508
113.14	28.28	0.00555	106.07	35.36	0.00604
98.99	42.43	0.00650	91.92	49.50	0.00686
88.39	53.03	0.00694	84.85	56.57	0.00692
82.73	58.69	0.00685	81.32	60.10	0.00678
79.90	61.52	0.00669	78.49	62.93	0.00657
77.07	64.35	0.00645	64.35	77.07	0.00297
62.93	78.49	0.00292	61.52	79.90	0.00289
60.10	81.32	0.00286	58.69	82.73	0.00283
56.57	84.85	0.00278	53.03	88.39	0.00268
49.50	91.92	0.00257	42.43	98.99	0.00231
35.36	106.07	0.00206	28.28	113.14	0.00184
21.21	120.21	0.00164	14.14	127.28	0.00147
7.07	134.35	0.00132	0.00	141.42	0.00120

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00396	127.28	0.00	0.00430
120.21	7.07	0.00469	113.14	14.14	0.00511
106.07	21.21	0.00558	98.99	28.28	0.00607
91.92	35.36	0.00654	84.85	42.43	0.00689
81.32	45.96	0.00697	77.78	49.50	0.00695
75.66	51.62	0.00688	74.25	53.03	0.00681
72.83	54.45	0.00671	71.42	55.86	0.00659
70.00	57.28	0.00648	57.28	70.00	0.00299
55.86	71.42	0.00294	54.45	72.83	0.00291
53.03	74.25	0.00288	51.62	75.66	0.00285
49.50	77.78	0.00280	45.96	81.32	0.00270
42.43	84.85	0.00259	35.36	91.92	0.00233
28.28	98.99	0.00208	21.21	106.07	0.00186
14.14	113.14	0.00166	7.07	120.21	0.00149
0.00	127.28	0.00134	-7.07	134.35	0.00121
127.28	-14.14	0.00398	120.21	-7.07	0.00433
113.14	0.00	0.00471	106.07	7.07	0.00514
98.99	14.14	0.00561	91.92	21.21	0.00610
84.85	28.28	0.00656	77.78	35.36	0.00691
74.25	38.89	0.00700	70.71	42.43	0.00698
68.59	44.55	0.00691	67.18	45.96	0.00683
65.76	47.38	0.00673	64.35	48.79	0.00661
62.93	50.20	0.00649	50.20	62.93	0.00300
48.79	64.35	0.00296	47.38	65.76	0.00292
45.96	67.18	0.00289	44.55	68.59	0.00287
42.43	70.71	0.00282	38.89	74.25	0.00272
35.36	77.78	0.00260	28.28	84.85	0.00235
21.21	91.92	0.00210	14.14	98.99	0.00187
7.07	106.07	0.00167	0.00	113.14	0.00150
-7.07	120.21	0.00136	-14.14	127.28	0.00123
120.21	-21.21	0.00401	113.14	-14.14	0.00435
106.07	-7.07	0.00473	98.99	0.00	0.00516
91.92	7.07	0.00563	84.85	14.14	0.00612
77.78	21.21	0.00659	70.71	28.28	0.00694
67.18	31.82	0.00702	63.64	35.36	0.00700
61.52	37.48	0.00693	60.10	38.89	0.00685
58.69	40.31	0.00675	57.28	41.72	0.00663
55.86	43.13	0.00651	43.13	55.86	0.00302
41.72	57.28	0.00297	40.31	58.69	0.00294
38.89	60.10	0.00291	37.48	61.52	0.00288

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:
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*** Maximum train overlap at NE/SW Bound Direction

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00283	31.82	67.18	0.00273
28.28	70.71	0.00262	21.21	77.78	0.00236
14.14	84.85	0.00211	7.07	91.92	0.00188
0.00	98.99	0.00168	-7.07	106.07	0.00151
-14.14	113.14	0.00137	-21.21	120.21	0.00124
113.14	-28.28	0.00403	106.07	-21.21	0.00437
98.99	-14.14	0.00475	91.92	-7.07	0.00518
84.85	0.00	0.00565	77.78	7.07	0.00614
70.71	14.14	0.00660	63.64	21.21	0.00696
60.10	24.75	0.00704	56.57	28.28	0.00702
54.45	30.41	0.00695	53.03	31.82	0.00687
51.62	33.23	0.00677	50.20	34.65	0.00665
48.79	36.06	0.00652	36.06	48.79	0.00303
34.65	50.20	0.00298	33.23	51.62	0.00295
31.82	53.03	0.00292	30.41	54.45	0.00289
28.28	56.57	0.00284	24.75	60.10	0.00274
21.21	63.64	0.00263	14.14	70.71	0.00237
7.07	77.78	0.00212	0.00	84.85	0.00189
-7.07	91.92	0.00170	-14.14	98.99	0.00153
-21.21	106.07	0.00138	-28.28	113.14	0.00125
106.07	-35.36	0.00404	98.99	-28.28	0.00438
91.92	-21.21	0.00477	84.85	-14.14	0.00520
77.78	-7.07	0.00566	70.71	0.00	0.00615
63.64	7.07	0.00662	56.57	14.14	0.00697
53.03	17.68	0.00706	49.50	21.21	0.00704
47.38	23.33	0.00697	45.96	24.75	0.00689
44.55	26.16	0.00679	43.13	27.58	0.00667
41.72	28.99	0.00654	28.99	41.72	0.00304
27.58	43.13	0.00299	26.16	44.55	0.00296
24.75	45.96	0.00293	23.33	47.38	0.00290
21.21	49.50	0.00285	17.68	53.03	0.00275
14.14	56.57	0.00264	7.07	63.64	0.00238
0.00	70.71	0.00213	-7.07	77.78	0.00190
-14.14	84.85	0.00170	-21.21	91.92	0.00153

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00139	-35.36	106.07	0.00126
98.99	-42.43	0.00405	91.92	-35.36	0.00440
84.85	-28.28	0.00478	77.78	-21.21	0.00521
70.71	-14.14	0.00568	63.64	-7.07	0.00617
56.57	0.00	0.00664	49.50	7.07	0.00699
45.96	10.61	0.00707	42.43	14.14	0.00705

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00698	38.89	17.68	0.00689
37.48	19.09	0.00679	36.06	20.51	0.00670
34.65	21.92	0.00658	21.92	34.65	0.00305
20.51	36.06	0.00300	19.09	37.48	0.00297
17.68	38.89	0.00294	16.26	40.31	0.00291
14.14	42.43	0.00286	10.61	45.96	0.00276
7.07	49.50	0.00264	0.00	56.57	0.00239
-7.07	63.64	0.00214	-14.14	70.71	0.00191
-21.21	77.78	0.00171	-28.28	84.85	0.00154
-35.36	91.92	0.00140	-42.43	98.99	0.00127
91.92	-49.50	0.00407	84.85	-42.43	0.00441
77.78	-35.36	0.00479	70.71	-28.28	0.00522
63.64	-21.21	0.00569	56.57	-14.14	0.00618
49.50	-7.07	0.00665	42.43	0.00	0.00700
38.89	3.54	0.00708	35.36	7.07	0.00707
33.23	9.19	0.00699	31.82	10.61	0.00691
30.41	12.02	0.00680	28.99	13.44	0.00669
27.58	14.85	0.00658	14.85	27.58	0.00305
13.44	28.99	0.00301	12.02	30.41	0.00297
10.61	31.82	0.00295	9.19	33.23	0.00292
7.07	35.36	0.00287	3.54	38.89	0.00277
0.00	42.43	0.00265	-7.07	49.50	0.00240
-14.14	56.57	0.00215	-21.21	63.64	0.00192
-28.28	70.71	0.00172	-35.36	77.78	0.00155
-42.43	84.85	0.00140	-49.50	91.92	0.00128
84.85	-56.57	0.00407	77.78	-49.50	0.00442
70.71	-42.43	0.00480	63.64	-35.36	0.00523
56.57	-28.28	0.00570	49.50	-21.21	0.00619

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00666	35.36	-7.07	0.00701
31.82	-3.54	0.00709	28.28	0.00	0.00707
26.16	2.12	0.00700	24.75	3.54	0.00692
23.33	4.95	0.00681	21.92	6.36	0.00670
20.51	7.78	0.00658	7.78	20.51	0.00306
6.36	21.92	0.00301	4.95	23.33	0.00298
3.54	24.75	0.00295	2.12	26.16	0.00292
0.00	28.28	0.00287	-3.54	31.82	0.00277
-7.07	35.36	0.00266	-14.14	42.43	0.00240
-21.21	49.50	0.00215	-28.28	56.57	0.00193
-35.36	63.64	0.00173	-42.43	70.71	0.00156
-49.50	77.78	0.00141	-56.57	84.85	0.00128

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00408	70.71	-56.57	0.00443
63.64	-49.50	0.00481	56.57	-42.43	0.00524
49.50	-35.36	0.00571	42.43	-28.28	0.00620
35.36	-21.21	0.00667	28.28	-14.14	0.00702
24.75	-10.61	0.00710	21.21	-7.07	0.00708
19.09	-4.95	0.00700	17.68	-3.54	0.00693
16.26	-2.12	0.00683	14.85	-0.71	0.00670
13.44	0.71	0.00659	0.71	13.44	0.00306
-0.71	14.85	0.00302	-2.12	16.26	0.00298
-3.54	17.68	0.00295	-4.95	19.09	0.00293
-7.07	21.21	0.00288	-10.61	24.75	0.00278
-14.14	28.28	0.00266	-21.21	35.36	0.00241
-28.28	42.43	0.00216	-35.36	49.50	0.00193
-42.43	56.57	0.00173	-49.50	63.64	0.00156
-56.57	70.71	0.00141	-63.64	77.78	0.00129
70.71	-70.71	0.00409	63.64	-63.64	0.00443
56.57	-56.57	0.00482	49.50	-49.50	0.00525
42.43	-42.43	0.00572	35.36	-35.36	0.00621
28.28	-28.28	0.00668	21.21	-21.21	0.00703
17.68	-17.68	0.00711	14.14	-14.14	0.00709
12.02	-12.02	0.00701	10.61	-10.61	0.00693
9.19	-9.19	0.00683	7.78	-7.78	0.00671

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00659	-6.36	6.36	0.00307
-7.78	7.78	0.00302	-9.19	9.19	0.00299
-10.61	10.61	0.00296	-12.02	12.02	0.00293
-14.14	14.14	0.00288	-17.68	17.68	0.00278
-21.21	21.21	0.00267	-28.28	28.28	0.00241
-35.36	35.36	0.00216	-42.43	42.43	0.00194
-49.50	49.50	0.00174	-56.57	56.57	0.00156
-63.64	63.64	0.00142	-70.71	70.71	0.00129
63.64	-77.78	0.00409	56.57	-70.71	0.00443
49.50	-63.64	0.00482	42.43	-56.57	0.00525
35.36	-49.50	0.00572	28.28	-42.43	0.00622
21.21	-35.36	0.00669	14.14	-28.28	0.00704
10.61	-24.75	0.00712	7.07	-21.21	0.00709
4.95	-19.09	0.00702	3.54	-17.68	0.00693
2.12	-16.26	0.00683	0.71	-14.85	0.00671
-0.71	-13.44	0.00658	-13.44	-0.71	0.00307
-14.85	0.71	0.00302	-16.26	2.12	0.00299
-17.68	3.54	0.00296	-19.09	4.95	0.00293

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00288	-24.75	10.61	0.00278
-28.28	14.14	0.00267	-35.36	21.21	0.00242
-42.43	28.28	0.00217	-49.50	35.36	0.00194
-56.57	42.43	0.00174	-63.64	49.50	0.00157
-70.71	56.57	0.00142	-77.78	63.64	0.00129
56.57	-84.85	0.00409	49.50	-77.78	0.00444
42.43	-70.71	0.00482	35.36	-63.64	0.00526
28.28	-56.57	0.00573	21.21	-49.50	0.00622
14.14	-42.43	0.00669	7.07	-35.36	0.00704
3.54	-31.82	0.00712	0.00	-28.28	0.00710
-2.12	-26.16	0.00702	-3.54	-24.75	0.00694
-4.95	-23.33	0.00684	-6.36	-21.92	0.00671
-7.78	-20.51	0.00659	-20.51	-7.78	0.00308
-21.92	-6.36	0.00303	-23.33	-4.95	0.00299
-24.75	-3.54	0.00296	-26.16	-2.12	0.00293
-28.28	0.00	0.00288	-31.82	3.54	0.00278

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00267	-42.43	14.14	0.00242
-49.50	21.21	0.00217	-56.57	28.28	0.00194
-63.64	35.36	0.00174	-70.71	42.43	0.00157
-77.78	49.50	0.00142	-84.85	56.57	0.00130
49.50	-91.92	0.00409	42.43	-84.85	0.00444
35.36	-77.78	0.00482	28.28	-70.71	0.00526
21.21	-63.64	0.00573	14.14	-56.57	0.00622
7.07	-49.50	0.00669	0.00	-42.43	0.00705
-3.54	-38.89	0.00713	-7.07	-35.36	0.00710
-9.19	-33.23	0.00702	-10.61	-31.82	0.00694
-12.02	-30.41	0.00684	-13.44	-28.99	0.00672
-14.85	-27.58	0.00659	-27.58	-14.85	0.00308
-28.99	-13.44	0.00303	-30.41	-12.02	0.00299
-31.82	-10.61	0.00296	-33.23	-9.19	0.00293
-35.36	-7.07	0.00289	-38.89	-3.54	0.00279
-42.43	0.00	0.00267	-49.50	7.07	0.00242
-56.57	14.14	0.00217	-63.64	21.21	0.00194
-70.71	28.28	0.00174	-77.78	35.36	0.00157
-84.85	42.43	0.00142	-91.92	49.50	0.00130
42.43	-98.99	0.00409	35.36	-91.92	0.00444
28.28	-84.85	0.00482	21.21	-77.78	0.00526
14.14	-70.71	0.00573	7.07	-63.64	0.00622
0.00	-56.57	0.00669	-7.07	-49.50	0.00705
-10.61	-45.96	0.00713	-14.14	-42.43	0.00711

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

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00703	-17.68	-38.89	0.00695
-19.09	-37.48	0.00685	-20.51	-36.06	0.00673
-21.92	-34.65	0.00659	-34.65	-21.92	0.00308
-36.06	-20.51	0.00303	-37.48	-19.09	0.00299
-38.89	-17.68	0.00296	-40.31	-16.26	0.00293
-42.43	-14.14	0.00289	-45.96	-10.61	0.00279
-49.50	-7.07	0.00267	-56.57	0.00	0.00242
-63.64	7.07	0.00217	-70.71	14.14	0.00194
-77.78	21.21	0.00175	-84.85	28.28	0.00157
-91.92	35.36	0.00143	-98.99	42.43	0.00130

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00409	28.28	-98.99	0.00443
21.21	-91.92	0.00482	14.14	-84.85	0.00525
7.07	-77.78	0.00573	0.00	-70.71	0.00622
-7.07	-63.64	0.00669	-14.14	-56.57	0.00704
-17.68	-53.03	0.00713	-21.21	-49.50	0.00711
-23.33	-47.38	0.00702	-24.75	-45.96	0.00694
-26.16	-44.55	0.00684	-27.58	-43.13	0.00674
-28.99	-41.72	0.00662	-41.72	-28.99	0.00308
-43.13	-27.58	0.00303	-44.55	-26.16	0.00299
-45.96	-24.75	0.00296	-47.38	-23.33	0.00293
-49.50	-21.21	0.00288	-53.03	-17.68	0.00278
-56.57	-14.14	0.00267	-63.64	-7.07	0.00242
-70.71	0.00	0.00217	-77.78	7.07	0.00194
-84.85	14.14	0.00175	-91.92	21.21	0.00157
-98.99	28.28	0.00143	-106.07	35.36	0.00130
28.28	-113.14	0.00408	21.21	-106.07	0.00443
14.14	-98.99	0.00482	7.07	-91.92	0.00525
0.00	-84.85	0.00573	-7.07	-77.78	0.00622
-14.14	-70.71	0.00669	-21.21	-63.64	0.00704
-24.75	-60.10	0.00712	-28.28	-56.57	0.00711
-30.41	-54.45	0.00703	-31.82	-53.03	0.00694
-33.23	-51.62	0.00684	-34.65	-50.20	0.00673
-36.06	-48.79	0.00661	-48.79	-36.06	0.00307
-50.20	-34.65	0.00302	-51.62	-33.23	0.00299
-53.03	-31.82	0.00296	-54.45	-30.41	0.00293
-56.57	-28.28	0.00288	-60.10	-24.75	0.00278
-63.64	-21.21	0.00266	-70.71	-14.14	0.00241
-77.78	-7.07	0.00217	-84.85	0.00	0.00194
-91.92	7.07	0.00174	-98.99	14.14	0.00157
-106.07	21.21	0.00143	-113.14	28.28	0.00130

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

14:52:42
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00407	14.14	-113.14	0.00442
7.07	-106.07	0.00481	0.00	-98.99	0.00524
-7.07	-91.92	0.00572	-14.14	-84.85	0.00622
-21.21	-77.78	0.00669	-28.28	-70.71	0.00704

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00712	-35.36	-63.64	0.00710
-37.48	-61.52	0.00703	-38.89	-60.10	0.00695
-40.31	-58.69	0.00684	-41.72	-57.28	0.00672
-43.13	-55.86	0.00660	-55.86	-43.13	0.00306
-57.28	-41.72	0.00302	-58.69	-40.31	0.00298
-60.10	-38.89	0.00295	-61.52	-37.48	0.00293
-63.64	-35.36	0.00288	-67.18	-31.82	0.00278
-70.71	-28.28	0.00266	-77.78	-21.21	0.00241
-84.85	-14.14	0.00216	-91.92	-7.07	0.00194
-98.99	0.00	0.00174	-106.07	7.07	0.00157
-113.14	14.14	0.00142	-120.21	21.21	0.00130
14.14	-127.28	0.00405	7.07	-120.21	0.00440
0.00	-113.14	0.00480	-7.07	-106.07	0.00523
-14.14	-98.99	0.00571	-21.21	-91.92	0.00621
-28.28	-84.85	0.00668	-35.36	-77.78	0.00704
-38.89	-74.25	0.00712	-42.43	-70.71	0.00709
-44.55	-68.59	0.00702	-45.96	-67.18	0.00694
-47.38	-65.76	0.00684	-48.79	-64.35	0.00671
-50.20	-62.93	0.00659	-62.93	-50.20	0.00306
-64.35	-48.79	0.00301	-65.76	-47.38	0.00298
-67.18	-45.96	0.00295	-68.59	-44.55	0.00292
-70.71	-42.43	0.00287	-74.25	-38.89	0.00277
-77.78	-35.36	0.00266	-84.85	-28.28	0.00241
-91.92	-21.21	0.00216	-98.99	-14.14	0.00194
-106.07	-7.07	0.00174	-113.14	0.00	0.00157
-120.21	7.07	0.00142	-127.28	14.14	0.00129
7.07	-134.35	0.00403	0.00	-127.28	0.00439
-7.07	-120.21	0.00478	-14.14	-113.14	0.00522
-21.21	-106.07	0.00570	-28.28	-98.99	0.00620
-35.36	-91.92	0.00667	-42.43	-84.85	0.00703
-45.96	-81.32	0.00711	-49.50	-77.78	0.00709
-51.62	-75.66	0.00701	-53.03	-74.25	0.00693
-54.45	-72.83	0.00683	-55.86	-71.42	0.00671
-57.28	-70.00	0.00658	-70.00	-57.28	0.00305
-71.42	-55.86	0.00301	-72.83	-54.45	0.00297
-74.25	-53.03	0.00294	-75.66	-51.62	0.00291

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

14:52:42
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

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

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00286	-81.32	-45.96	0.00276
-84.85	-42.43	0.00265	-91.92	-35.36	0.00240
-98.99	-28.28	0.00215	-106.07	-21.21	0.00193
-113.14	-14.14	0.00173	-120.21	-7.07	0.00156
-127.28	0.00	0.00142	-134.35	7.07	0.00129
0.00	-141.42	0.00401	-7.07	-134.35	0.00436
-14.14	-127.28	0.00476	-21.21	-120.21	0.00520
-28.28	-113.14	0.00568	-35.36	-106.07	0.00618
-42.43	-98.99	0.00666	-49.50	-91.92	0.00702
-53.03	-88.39	0.00710	-56.57	-84.85	0.00708
-58.69	-82.73	0.00700	-60.10	-81.32	0.00692
-61.52	-79.90	0.00682	-62.93	-78.49	0.00670
-64.35	-77.07	0.00657	-77.07	-64.35	0.00305
-78.49	-62.93	0.00300	-79.90	-61.52	0.00296
-81.32	-60.10	0.00293	-82.73	-58.69	0.00290
-84.85	-56.57	0.00285	-88.39	-53.03	0.00275
-91.92	-49.50	0.00264	-98.99	-42.43	0.00239
-106.07	-35.36	0.00215	-113.14	-28.28	0.00192
-120.21	-21.21	0.00173	-127.28	-14.14	0.00156
-134.35	-7.07	0.00141	-141.42	0.00	0.00129
-7.07	-148.49	0.00398	-14.14	-141.42	0.00433
-21.21	-134.35	0.00473	-28.28	-127.28	0.00518
-35.36	-120.21	0.00566	-42.43	-113.14	0.00617
-49.50	-106.07	0.00665	-56.57	-98.99	0.00700
-60.10	-95.46	0.00709	-63.64	-91.92	0.00707
-65.76	-89.80	0.00699	-67.18	-88.39	0.00691
-68.59	-86.97	0.00681	-70.00	-85.56	0.00668
-71.42	-84.15	0.00656	-84.15	-71.42	0.00304
-85.56	-70.00	0.00299	-86.97	-68.59	0.00295
-88.39	-67.18	0.00292	-89.80	-65.76	0.00289
-91.92	-63.64	0.00284	-95.46	-60.10	0.00274
-98.99	-56.57	0.00263	-106.07	-49.50	0.00238
-113.14	-42.43	0.00214	-120.21	-35.36	0.00192
-127.28	-28.28	0.00172	-134.35	-21.21	0.00155
-141.42	-14.14	0.00141	-148.49	-7.07	0.00128
-14.14	-155.56	0.00393	-21.21	-148.49	0.00429
-28.28	-141.42	0.00470	-35.36	-134.35	0.00515
-42.43	-127.28	0.00563	-49.50	-120.21	0.00614
-56.57	-113.14	0.00662	-63.64	-106.07	0.00698
-67.18	-102.53	0.00707	-70.71	-98.99	0.00705

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

14:52:42
 **MODELOPTs:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00698	-74.25	-95.46	0.00690
-75.66	-94.05	0.00679	-77.07	-92.63	0.00667
-78.49	-91.22	0.00654	-91.22	-78.49	0.00302
-92.63	-77.07	0.00297	-94.05	-75.66	0.00294
-95.46	-74.25	0.00291	-96.87	-72.83	0.00288
-98.99	-70.71	0.00283	-102.53	-67.18	0.00273
-106.07	-63.64	0.00262	-113.14	-56.57	0.00237
-120.21	-49.50	0.00213	-127.28	-42.43	0.00191
-134.35	-35.36	0.00171	-141.42	-28.28	0.00155
-148.49	-21.21	0.00140	-155.56	-14.14	0.00128
-21.21	-162.63	0.00388	-28.28	-155.56	0.00424
-35.36	-148.49	0.00465	-42.43	-141.42	0.00511
-49.50	-134.35	0.00560	-56.57	-127.28	0.00611
-63.64	-120.21	0.00659	-70.71	-113.14	0.00696
-74.25	-109.60	0.00705	-77.78	-106.07	0.00703
-79.90	-103.94	0.00696	-81.32	-102.53	0.00688
-82.73	-101.12	0.00678	-84.15	-99.70	0.00666
-85.56	-98.29	0.00653	-98.29	-85.56	0.00301
-99.70	-84.15	0.00296	-101.12	-82.73	0.00292
-102.53	-81.32	0.00289	-103.94	-79.90	0.00286
-106.07	-77.78	0.00281	-109.60	-74.25	0.00271
-113.14	-70.71	0.00260	-120.21	-63.64	0.00236
-127.28	-56.57	0.00212	-134.35	-49.50	0.00190
-141.42	-42.43	0.00170	-148.49	-35.36	0.00154
-155.56	-28.28	0.00139	-162.63	-21.21	0.00127
-28.28	-169.71	0.00380	-35.36	-162.63	0.00417
-42.43	-155.56	0.00459	-49.50	-148.49	0.00505
-56.57	-141.42	0.00555	-63.64	-134.35	0.00606
-70.71	-127.28	0.00655	-77.78	-120.21	0.00692
-81.32	-116.67	0.00702	-84.85	-113.14	0.00700
-86.97	-111.02	0.00693	-88.39	-109.60	0.00685
-89.80	-108.19	0.00675	-91.22	-106.77	0.00665
-92.63	-105.36	0.00653	-105.36	-92.63	0.00298
-106.77	-91.22	0.00293	-108.19	-89.80	0.00290
-109.60	-88.39	0.00287	-111.02	-86.97	0.00284
-113.14	-84.85	0.00279	-116.67	-81.32	0.00270

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00258	-127.28	-70.71	0.00234
-134.35	-63.64	0.00210	-141.42	-56.57	0.00188
-148.49	-49.50	0.00169	-155.56	-42.43	0.00152
-162.63	-35.36	0.00138	-169.71	-28.28	0.00126

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

14:52:42
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00370	-42.43	-169.71	0.00408
-49.50	-162.63	0.00450	-56.57	-155.56	0.00497
-63.64	-148.49	0.00548	-70.71	-141.42	0.00600
-77.78	-134.35	0.00650	-84.85	-127.28	0.00688
-88.39	-123.74	0.00697	-91.92	-120.21	0.00697
-94.05	-118.09	0.00690	-95.46	-116.67	0.00682
-96.87	-115.26	0.00672	-98.29	-113.84	0.00661
-99.70	-112.43	0.00650	-112.43	-99.70	0.00295
-113.84	-98.29	0.00290	-115.26	-96.87	0.00287
-116.67	-95.46	0.00284	-118.09	-94.05	0.00281
-120.21	-91.92	0.00276	-123.74	-88.39	0.00267
-127.28	-84.85	0.00256	-134.35	-77.78	0.00232
-141.42	-70.71	0.00208	-148.49	-63.64	0.00187
-155.56	-56.57	0.00168	-162.63	-49.50	0.00151
-169.71	-42.43	0.00137	-176.78	-35.36	0.00125
-42.43	-183.85	0.00358	-49.50	-176.78	0.00395
-56.57	-169.71	0.00438	-63.64	-162.63	0.00485
-70.71	-155.56	0.00538	-77.78	-148.49	0.00592
-84.85	-141.42	0.00643	-91.92	-134.35	0.00682
-95.46	-130.81	0.00691	-98.99	-127.28	0.00692
-101.12	-125.16	0.00685	-102.53	-123.74	0.00678
-103.94	-122.33	0.00668	-105.36	-120.92	0.00656
-106.77	-119.50	0.00645	-119.50	-106.77	0.00291
-120.92	-105.36	0.00286	-122.33	-103.94	0.00283
-123.74	-102.53	0.00280	-125.16	-101.12	0.00278
-127.28	-98.99	0.00273	-130.81	-95.46	0.00264
-134.35	-91.92	0.00253	-141.42	-84.85	0.00230
-148.49	-77.78	0.00206	-155.56	-70.71	0.00184
-162.63	-63.64	0.00166	-169.71	-56.57	0.00149
-176.78	-49.50	0.00135	-183.85	-42.43	0.00123

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00342	-56.57	-183.85	0.00379
-63.64	-176.78	0.00421	-70.71	-169.71	0.00469
-77.78	-162.63	0.00523	-84.85	-155.56	0.00579
-91.92	-148.49	0.00632	-98.99	-141.42	0.00673
-102.53	-137.89	0.00684	-106.07	-134.35	0.00684
-108.19	-132.23	0.00678	-109.60	-130.81	0.00672
-111.02	-129.40	0.00662	-112.43	-127.99	0.00651
-113.84	-126.57	0.00640	-126.57	-113.84	0.00287
-127.99	-112.43	0.00282	-129.40	-111.02	0.00279
-130.81	-109.60	0.00276	-132.23	-108.19	0.00273

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

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00269	-137.89	-102.53	0.00260
-141.42	-98.99	0.00250	-148.49	-91.92	0.00226
-155.56	-84.85	0.00203	-162.63	-77.78	0.00182
-169.71	-70.71	0.00163	-176.78	-63.64	0.00147
-183.85	-56.57	0.00133	-190.92	-49.50	0.00121
-56.57	-197.99	0.00323	-63.64	-190.92	0.00358
-70.71	-183.85	0.00399	-77.78	-176.78	0.00446
-84.85	-169.71	0.00500	-91.92	-162.63	0.00558
-98.99	-155.56	0.00615	-106.07	-148.49	0.00660
-109.60	-144.96	0.00673	-113.14	-141.42	0.00674
-115.26	-139.30	0.00669	-116.67	-137.89	0.00662
-118.09	-136.47	0.00654	-119.50	-135.06	0.00643
-120.92	-133.64	0.00632	-133.64	-120.92	0.00280
-135.06	-119.50	0.00276	-136.47	-118.09	0.00273
-137.89	-116.67	0.00270	-139.30	-115.26	0.00268
-141.42	-113.14	0.00264	-144.96	-109.60	0.00255
-148.49	-106.07	0.00245	-155.56	-98.99	0.00222
-162.63	-91.92	0.00200	-169.71	-84.85	0.00178
-176.78	-77.78	0.00160	-183.85	-70.71	0.00144
-190.92	-63.64	0.00130	-197.99	-56.57	0.00118
-63.64	-205.06	0.00299	-70.71	-197.99	0.00332
-77.78	-190.92	0.00371	-84.85	-183.85	0.00416
-91.92	-176.78	0.00468	-98.99	-169.71	0.00526
-106.07	-162.63	0.00587	-113.14	-155.56	0.00637

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00653	-120.21	-148.49	0.00658
-122.33	-146.37	0.00654	-123.74	-144.96	0.00649
-125.16	-143.54	0.00641	-126.57	-142.13	0.00631
-127.99	-140.71	0.00620	-140.71	-127.99	0.00272
-142.13	-126.57	0.00268	-143.54	-125.16	0.00265
-144.96	-123.74	0.00263	-146.37	-122.33	0.00261
-148.49	-120.21	0.00257	-152.03	-116.67	0.00249
-155.56	-113.14	0.00239	-162.63	-106.07	0.00217
-169.71	-98.99	0.00194	-176.78	-91.92	0.00174
-183.85	-84.85	0.00155	-190.92	-77.78	0.00139
-197.99	-70.71	0.00126	-205.06	-63.64	0.00114
-70.71	-212.13	0.00271	-77.78	-205.06	0.00300
-84.85	-197.99	0.00334	-91.92	-190.92	0.00375
-98.99	-183.85	0.00423	-106.07	-176.78	0.00478
-113.14	-169.71	0.00537	-120.21	-162.63	0.00594
-123.74	-159.10	0.00616	-127.28	-155.56	0.00628

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

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00628	-130.81	-152.03	0.00625
-132.23	-150.61	0.00619	-133.64	-149.20	0.00611
-135.06	-147.79	0.00603	-147.79	-135.06	0.00261
-149.20	-133.64	0.00257	-150.61	-132.23	0.00255
-152.03	-130.81	0.00253	-153.44	-129.40	0.00251
-155.56	-127.28	0.00248	-159.10	-123.74	0.00241
-162.63	-120.21	0.00231	-169.71	-113.14	0.00209
-176.78	-106.07	0.00187	-183.85	-98.99	0.00166
-190.92	-91.92	0.00149	-197.99	-84.85	0.00133
-205.06	-77.78	0.00120	-212.13	-70.71	0.00109
-77.78	-219.20	0.00239	-84.85	-212.13	0.00263
-91.92	-205.06	0.00291	-98.99	-197.99	0.00325
-106.07	-190.92	0.00364	-113.14	-183.85	0.00409
-120.21	-176.78	0.00460	-127.28	-169.71	0.00513
-130.81	-166.17	0.00538	-134.35	-162.63	0.00559
-136.47	-160.51	0.00567	-137.89	-159.10	0.00571
-139.30	-157.68	0.00572	-140.71	-156.27	0.00570
-142.13	-154.86	0.00567	-154.86	-142.13	0.00244

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-156.27	-140.71	0.00241	-157.68	-139.30	0.00240
-159.10	-137.89	0.00238	-160.51	-136.47	0.00237
-162.63	-134.35	0.00234	-166.17	-130.81	0.00227
-169.71	-127.28	0.00218	-176.78	-120.21	0.00196
-183.85	-113.14	0.00175	-190.92	-106.07	0.00156
-197.99	-98.99	0.00139	-205.06	-91.92	0.00125
-212.13	-84.85	0.00113	-219.20	-77.78	0.00103
-84.85	-226.27	0.00207	-91.92	-219.20	0.00225
-98.99	-212.13	0.00245	-106.07	-205.06	0.00269
-113.14	-197.99	0.00295	-120.21	-190.92	0.00324
-127.28	-183.85	0.00353	-134.35	-176.78	0.00382
-137.89	-173.24	0.00395	-141.42	-169.71	0.00407
-143.54	-167.58	0.00415	-144.96	-166.17	0.00421
-146.37	-164.76	0.00428	-147.79	-163.34	0.00438
-149.20	-161.93	0.00451	-161.93	-149.20	0.00217
-163.34	-147.79	0.00214	-164.76	-146.37	0.00212
-166.17	-144.96	0.00210	-167.58	-143.54	0.00208
-169.71	-141.42	0.00205	-173.24	-137.89	0.00199
-176.78	-134.35	0.00191	-183.85	-127.28	0.00174
-190.92	-120.21	0.00157	-197.99	-113.14	0.00141
-205.06	-106.07	0.00127	-212.13	-98.99	0.00115
-219.20	-91.92	0.00105	-226.27	-84.85	0.00096

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00177	-98.99	-226.27	0.00189
-106.07	-219.20	0.00203	-113.14	-212.13	0.00217
-120.21	-205.06	0.00231	-127.28	-197.99	0.00244
-134.35	-190.92	0.00252	-141.42	-183.85	0.00251
-144.96	-180.31	0.00246	-148.49	-176.78	0.00236
-150.61	-174.66	0.00227	-152.03	-173.24	0.00220
-153.44	-171.83	0.00213	-154.86	-170.41	0.00205
-156.27	-169.00	0.00197	-169.00	-156.27	0.00138
-170.41	-154.86	0.00142	-171.83	-153.44	0.00146
-173.24	-152.03	0.00149	-174.66	-150.61	0.00151
-176.78	-148.49	0.00153	-180.31	-144.96	0.00155
-183.85	-141.42	0.00153	-190.92	-134.35	0.00146

13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00135	-205.06	-120.21	0.00124
-212.13	-113.14	0.00114	-219.20	-106.07	0.00104
-226.27	-98.99	0.00096	-233.35	-91.92	0.00089
-98.99	-240.42	0.00151	-106.07	-233.35	0.00159
-113.14	-226.27	0.00167	-120.21	-219.20	0.00175
-127.28	-212.13	0.00181	-134.35	-205.06	0.00185
-141.42	-197.99	0.00184	-148.49	-190.92	0.00177
-152.03	-187.38	0.00170	-155.56	-183.85	0.00163
-157.68	-181.73	0.00157	-159.10	-180.31	0.00154
-160.51	-178.90	0.00150	-161.93	-177.48	0.00146
-163.34	-176.07	0.00141	-176.07	-163.34	0.00098
-177.48	-161.93	0.00099	-178.90	-160.51	0.00101
-180.31	-159.10	0.00103	-181.73	-157.68	0.00105
-183.85	-155.56	0.00109	-187.38	-152.03	0.00114
-190.92	-148.49	0.00116	-197.99	-141.42	0.00117
-205.06	-134.35	0.00112	-212.13	-127.28	0.00106
-219.20	-120.21	0.00100	-226.27	-113.14	0.00093
-233.35	-106.07	0.00087	-240.42	-98.99	0.00081
-106.07	-247.49	0.00129	-113.14	-240.42	0.00134
-120.21	-233.35	0.00138	-127.28	-226.27	0.00142
-134.35	-219.20	0.00144	-141.42	-212.13	0.00145
-148.49	-205.06	0.00142	-155.56	-197.99	0.00137
-159.10	-194.45	0.00133	-162.63	-190.92	0.00128
-164.76	-188.80	0.00125	-166.17	-187.38	0.00123
-167.58	-185.97	0.00121	-169.00	-184.55	0.00118
-170.41	-183.14	0.00115	-183.14	-170.41	0.00081
-184.55	-169.00	0.00081	-185.97	-167.58	0.00081
-187.38	-166.17	0.00082	-188.80	-164.76	0.00082

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

14:52:42
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00083	-194.45	-159.10	0.00086
-197.99	-155.56	0.00089	-205.06	-148.49	0.00092
-212.13	-141.42	0.00092	-219.20	-134.35	0.00089
-226.27	-127.28	0.00086	-233.35	-120.21	0.00081
-240.42	-113.14	0.00077	-247.49	-106.07	0.00073

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00587 AT (-113.14, -141.42, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT (-109.60, -144.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT (-120.21, -148.49, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT (-115.26, -139.30, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT (-106.07, -134.35, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT (-122.33, -146.37, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT (-102.53, -137.89, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT (-116.67, -137.89, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT (-108.19, -132.23, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT (-116.67, -152.03, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00587 AT (-49.50, -77.78, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT (-45.96, -81.32, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT (-56.57, -84.85, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT (-51.62, -75.66, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT (-42.43, -70.71, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT (-58.69, -82.73, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT (-38.89, -74.25, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT (-53.03, -74.25, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT (-44.55, -68.59, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT (-53.03, -88.39, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00587 AT (14.14, -14.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT (17.68, -17.68, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT (7.07, -21.21, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT (12.02, -12.02, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT (21.21, -7.07, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT (4.95, -19.09, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT (24.75, -10.61, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT (10.61, -10.61, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT (19.09, -4.95, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT (10.61, -24.75, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00587 AT (77.78, 49.50, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT (81.32, 45.96, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT (70.71, 42.43, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT (75.66, 51.62, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT (84.85, 56.57, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT (68.59, 44.55, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT (88.39, 53.03, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT (74.25, 53.03, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00577 AT (82.73, 58.69, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576 AT (74.25, 38.89, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00587 AT (141.42, 113.14, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00583 AT (144.96, 109.60, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00583 AT (134.35, 106.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00582 AT (139.30, 115.26, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00581 AT (148.49, 120.21, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00580 AT (132.23, 108.19, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00578 AT (152.03, 116.67, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00577 AT (137.89, 116.67, 0.00, 1.20)	DC	NA

		13NCRA_PL93-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00577	AT (	146.37,	122.33,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00576	AT (	137.89,	102.53,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00713	AT (	-17.68,	-53.03,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00713	AT (	-10.61,	-45.96,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00713	AT (	-3.54,	-38.89,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00712	AT (	-24.75,	-60.10,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00712	AT (	3.54,	-31.82,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712	AT (	10.61,	-24.75,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00712	AT (	-31.82,	-67.18,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00712	AT (	-38.89,	-74.25,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00711	AT (	17.68,	-17.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711	AT (	-45.96,	-81.32,	0.00,	1.20)	DC	NA

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

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

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

14:52:42

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 8 Informational Message(s)
 A Total of 8 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
