

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 20:39:23

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\19NCRA_SR04-300_DPM_TRAV_ANN_SE-NW 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
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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
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RE DISCCART	-44.55	-26.16	1.2
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RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

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RE DISCCART -70.71 0.0 1.2
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RE DISCCART -91.92 21.21 1.2
RE DISCCART -98.99 28.28 1.2
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RE DISCCART 21.21 -106.07 1.2
RE DISCCART 14.14 -98.99 1.2
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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
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RE DISCCART	-55.86	-43.13	1.2
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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
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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

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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
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RE DISCCART	-51.62	-75.66	1.2
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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
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RE DISCCART	-134.35	7.07	1.2
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RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-28.28	-113.14	1.2

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RE DISCCART	-53.03	-88.39	1.2
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RE DISCCART	-77.07	-64.35	1.2
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RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
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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
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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
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RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-141.42	-14.14	1.2
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RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
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RE DISCCART	-56.57	-113.14	1.2
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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
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RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

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RE DISCCART	-56.57	-127.28	1.2
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RE DISCCART	-98.29	-85.56	1.2
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RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-102.53	-81.32	1.2
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RE DISCCART	-109.6	-74.25	1.2
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RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
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RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
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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
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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
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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
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RE DISCCART	-56.57	-155.56	1.2
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RE DISCCART	-70.71	-141.42	1.2
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RE DISCCART	-91.92	-120.21	1.2
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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

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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
RE DISCCART	-140.71	-127.99	1.2
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
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-106.07	-176.78	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-150.61	-132.23	1.2
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RE DISCCART	-153.44	-129.4	1.2
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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
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-142.13	-154.86	1.2
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
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-144.96	-166.17	1.2
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
RE DISCCART	-159.1	-180.31	1.2
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
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros04300.asc"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9902 2004
 ME UAIRDATA 9902 2004
 ME STARTEND 2004 01 01 1 2004 12 31 24
 ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\19NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\19NCRA_SR04-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

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

20:39:23

**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\SANTAR-1\19NCRA-1.DAT

19NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

*** 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);

19NCRA_SR04-300_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 ***
 04/18/08

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

20:39:23

**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);

19NCRA_SR04-300_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 ***
 04/18/08

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

20:39:23
 **MODELOPTs:
 PAGE 7
 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);

19NCRA_SR04-300_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 ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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);

19NCRA_SR04-300_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 ***

04/18/08

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

20:39:23

**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);

19NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

19NCRA_SR04-300_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);

19NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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);

19NCRA_SR04-300_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 ***
 04/18/08

*** 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)

(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);

19NCRA_SR04-300_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 ***
 04/18/08

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

20:39:23

**MODELOPTs:
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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);

19NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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);

19NCRA_SR04-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**MODELOPTs:
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CONC

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);

19NCRA_SR04-300_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);

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

**MODELOPTs:
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CONC

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);

19NCRA_SR04-300_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 ***
04/18/08

*** 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);
```

19NCRA_SR04-300_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 ***
 04/18/08

*** 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)

(-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);

19NCRA_SR04-300_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 ***
 04/18/08 *** 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);

19NCRA_SR04-300_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 ***

04/18/08

*** 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);

19NCRA_SR04-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

19NCRA_SR04-300_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)
04	01	01	01	319.7	2.59	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	02	330.0	3.89	281.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	03	329.6	3.62	281.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	04	327.9	3.71	281.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	05	348.5	6.53	282.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	06	338.6	6.66	282.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	07	343.1	8.27	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	08	6.8	11.53	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	09	16.2	11.94	284.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	10	63.3	8.00	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	11	91.0	4.11	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	12	93.2	3.76	284.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	13	81.7	4.52	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	14	81.6	3.76	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	15	81.4	3.49	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	16	89.3	4.43	284.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	17	72.7	3.08	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	18	66.4	1.92	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	19	98.9	1.00	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	20	279.5	1.00	279.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	21	344.8	1.07	278.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	22	231.0	1.07	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	23	233.7	1.12	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	24	83.5	1.00	276.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/18/08

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

20:39:23

**MODELOPTs:
PAGE 23

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	0.00009	240.42	113.14	0.00009
233.35	120.21	0.00009	226.27	127.28	0.00010
219.20	134.35	0.00010	212.13	141.42	0.00010
205.06	148.49	0.00010	197.99	155.56	0.00010
194.45	159.10	0.00010	190.92	162.63	0.00010
188.80	164.76	0.00010	187.38	166.17	0.00010
185.97	167.58	0.00010	184.55	169.00	0.00010
183.14	170.41	0.00010	170.41	183.14	0.00011
169.00	184.55	0.00011	167.58	185.97	0.00011
166.17	187.38	0.00011	164.76	188.80	0.00011
162.63	190.92	0.00011	159.10	194.45	0.00011
155.56	197.99	0.00011	148.49	205.06	0.00011
141.42	212.13	0.00011	134.35	219.20	0.00011
127.28	226.27	0.00010	120.21	233.35	0.00010
113.14	240.42	0.00010	106.07	247.49	0.00010
240.42	98.99	0.00009	233.35	106.07	0.00009
226.27	113.14	0.00010	219.20	120.21	0.00010

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

212.13	127.28	0.00010	205.06	134.35	0.00010
197.99	141.42	0.00011	190.92	148.49	0.00011
187.38	152.03	0.00011	183.85	155.56	0.00011
181.73	157.68	0.00011	180.31	159.10	0.00011
178.90	160.51	0.00011	177.48	161.93	0.00011
176.07	163.34	0.00011	163.34	176.07	0.00011
161.93	177.48	0.00011	160.51	178.90	0.00011
159.10	180.31	0.00011	157.68	181.73	0.00011
155.56	183.85	0.00011	152.03	187.38	0.00011
148.49	190.92	0.00011	141.42	197.99	0.00011
134.35	205.06	0.00011	127.28	212.13	0.00011
120.21	219.20	0.00011	113.14	226.27	0.00011
106.07	233.35	0.00011	98.99	240.42	0.00011
233.35	91.92	0.00009	226.27	98.99	0.00010
219.20	106.07	0.00010	212.13	113.14	0.00010
205.06	120.21	0.00011	197.99	127.28	0.00011
190.92	134.35	0.00011	183.85	141.42	0.00011
180.31	144.96	0.00011	176.78	148.49	0.00011
174.66	150.61	0.00011	173.24	152.03	0.00011
171.83	153.44	0.00011	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 ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00012	144.96	180.31	0.00012
141.42	183.85	0.00012	134.35	190.92	0.00012
127.28	197.99	0.00012	120.21	205.06	0.00011
113.14	212.13	0.00011	106.07	219.20	0.00011
99.00	226.27	0.00011	91.92	233.35	0.00011
226.27	84.85	0.00010	219.20	91.92	0.00010
212.13	98.99	0.00010	205.06	106.07	0.00011
197.99	113.14	0.00011	190.92	120.21	0.00011
183.85	127.28	0.00012	176.78	134.35	0.00012
173.24	137.89	0.00012	169.71	141.42	0.00012
167.58	143.54	0.00012	166.17	144.96	0.00012

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

127.28	155.56	0.00013	123.74	159.10	0.00013
120.21	162.63	0.00013	113.14	169.71	0.00013
106.07	176.78	0.00013	98.99	183.85	0.00013
91.92	190.92	0.00013	84.85	197.99	0.00013
77.78	205.06	0.00013	70.71	212.13	0.00013
205.06	63.64	0.00011	197.99	70.71	0.00011
190.92	77.78	0.00012	183.85	84.85	0.00012
176.78	91.92	0.00013	169.71	98.99	0.00013
162.63	106.07	0.00013	155.56	113.14	0.00013
152.03	116.67	0.00014	148.49	120.21	0.00014
146.37	122.33	0.00014	144.96	123.74	0.00014
143.54	125.16	0.00014	142.13	126.57	0.00014
140.71	127.99	0.00014	127.99	140.71	0.00014
126.57	142.13	0.00014	125.16	143.54	0.00014
123.74	144.96	0.00014	122.33	146.37	0.00014
120.21	148.49	0.00014	116.67	152.03	0.00014
113.14	155.56	0.00014	106.07	162.63	0.00014
98.99	169.71	0.00014	91.92	176.78	0.00014
84.85	183.85	0.00014	77.78	190.92	0.00013
70.71	197.99	0.00013	63.64	205.06	0.00013
197.99	56.57	0.00012	190.92	63.64	0.00012
183.85	70.71	0.00012	176.78	77.78	0.00013
169.71	84.85	0.00013	162.63	91.92	0.00014
155.56	98.99	0.00014	148.49	106.07	0.00014
144.96	109.60	0.00014	141.42	113.14	0.00014
139.30	115.26	0.00014	137.89	116.67	0.00014
136.47	118.09	0.00015	135.06	119.50	0.00015
133.64	120.92	0.00015	120.92	133.64	0.00015
119.50	135.06	0.00015	118.09	136.47	0.00015
116.67	137.89	0.00015	115.26	139.30	0.00015
113.14	141.42	0.00015	109.60	144.96	0.00015
106.07	148.49	0.00015	98.99	155.56	0.00015
91.92	162.63	0.00015	84.85	169.71	0.00015
77.78	176.78	0.00014	70.71	183.85	0.00014
63.64	190.92	0.00014	56.57	197.99	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:39:23
 **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 **

19NCRA_SR04-300_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	0.00012	183.85	56.57	0.00013
176.78	63.64	0.00013	169.71	70.71	0.00013
162.63	77.78	0.00014	155.56	84.85	0.00014
148.49	91.92	0.00015	141.42	98.99	0.00015
137.89	102.53	0.00015	134.35	106.07	0.00015
132.23	108.19	0.00015	130.81	109.60	0.00015
129.40	111.02	0.00015	127.99	112.43	0.00015
126.57	113.84	0.00015	113.84	126.57	0.00016
112.43	127.99	0.00016	111.02	129.40	0.00016
109.60	130.81	0.00016	108.19	132.23	0.00016
106.07	134.35	0.00016	102.53	137.89	0.00016
98.99	141.42	0.00016	91.92	148.49	0.00016
84.85	155.56	0.00015	77.78	162.63	0.00015
70.71	169.71	0.00015	63.64	176.78	0.00015
56.57	183.85	0.00015	49.50	190.92	0.00014
183.85	42.43	0.00013	176.78	49.50	0.00013
169.71	56.57	0.00014	162.63	63.64	0.00014
155.56	70.71	0.00014	148.49	77.78	0.00015
141.42	84.85	0.00015	134.35	91.92	0.00016
130.81	95.46	0.00016	127.28	98.99	0.00016
125.16	101.12	0.00016	123.74	102.53	0.00016
122.33	103.94	0.00016	120.92	105.36	0.00016
119.50	106.77	0.00016	106.77	119.50	0.00016
105.36	120.92	0.00016	103.94	122.33	0.00016
102.53	123.74	0.00016	101.12	125.16	0.00017
98.99	127.28	0.00017	95.46	130.81	0.00017
91.92	134.35	0.00017	84.85	141.42	0.00016
77.78	148.49	0.00016	70.71	155.56	0.00016
63.64	162.63	0.00016	56.57	169.71	0.00016
49.50	176.78	0.00015	42.43	183.85	0.00015
176.78	35.36	0.00013	169.71	42.43	0.00014
162.63	49.50	0.00014	155.56	56.57	0.00015
148.49	63.64	0.00015	141.42	70.71	0.00016
134.35	77.78	0.00016	127.28	84.85	0.00017
123.74	88.39	0.00017	120.21	91.92	0.00017
118.09	94.05	0.00017	116.67	95.46	0.00017
115.26	96.87	0.00017	113.84	98.29	0.00017
112.43	99.70	0.00017	99.70	112.43	0.00017
98.29	113.84	0.00017	96.87	115.26	0.00017
95.46	116.67	0.00017	94.05	118.09	0.00017

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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	0.00017	88.39	123.74	0.00017
84.85	127.28	0.00017	77.78	134.35	0.00017
70.71	141.42	0.00017	63.64	148.49	0.00017
56.57	155.56	0.00017	49.50	162.63	0.00016
42.43	169.71	0.00016	35.36	176.78	0.00016
169.71	28.28	0.00014	162.63	35.36	0.00014
155.56	42.43	0.00015	148.49	49.50	0.00015
141.42	56.57	0.00016	134.35	63.64	0.00017
127.28	70.71	0.00017	120.21	77.78	0.00018
116.67	81.32	0.00018	113.14	84.85	0.00018
111.02	86.97	0.00018	109.60	88.39	0.00018
108.19	89.80	0.00018	106.77	91.22	0.00018
105.36	92.63	0.00018	92.63	105.36	0.00018
91.22	106.77	0.00018	89.80	108.19	0.00018
88.39	109.60	0.00018	86.97	111.02	0.00018
84.85	113.14	0.00019	81.32	116.67	0.00019
77.78	120.21	0.00018	70.71	127.28	0.00018
63.64	134.35	0.00018	56.57	141.42	0.00018
49.50	148.49	0.00018	42.43	155.56	0.00017
35.36	162.63	0.00017	28.28	169.71	0.00017
162.63	21.21	0.00014	155.56	28.28	0.00015
148.49	35.36	0.00016	141.42	42.43	0.00016
134.35	49.50	0.00017	127.28	56.57	0.00017
120.21	63.64	0.00018	113.14	70.71	0.00019
109.60	74.25	0.00019	106.07	77.78	0.00019
103.94	79.90	0.00019	102.53	81.32	0.00019
101.12	82.73	0.00019	99.70	84.15	0.00019
98.29	85.56	0.00019	85.56	98.29	0.00020
84.15	99.70	0.00020	82.73	101.12	0.00020
81.32	102.53	0.00020	79.90	103.94	0.00020
77.78	106.07	0.00020	74.25	109.60	0.00020
70.71	113.14	0.00020	63.64	120.21	0.00019
56.57	127.28	0.00019	49.50	134.35	0.00019
42.43	141.42	0.00019	35.36	148.49	0.00018
28.28	155.56	0.00018	21.21	162.63	0.00018
155.56	14.14	0.00015	148.49	21.21	0.00016
141.42	28.28	0.00016	134.35	35.36	0.00017

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

127.28	42.43	0.00018	120.21	49.50	0.00018
113.14	56.57	0.00019	106.07	63.64	0.00020
102.53	67.18	0.00020	98.99	70.71	0.00020

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 28
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00020	95.46	74.25	0.00020
94.05	75.66	0.00020	92.63	77.07	0.00020
91.22	78.49	0.00020	78.49	91.22	0.00021
77.07	92.63	0.00021	75.66	94.05	0.00021
74.25	95.46	0.00021	72.83	96.87	0.00021
70.71	98.99	0.00021	67.18	102.53	0.00021
63.64	106.07	0.00021	56.57	113.14	0.00021
49.50	120.21	0.00020	42.43	127.28	0.00020
35.36	134.35	0.00020	28.28	141.42	0.00020
21.21	148.49	0.00019	14.14	155.56	0.00019
148.49	7.07	0.00016	141.42	14.14	0.00017
134.35	21.21	0.00017	127.28	28.28	0.00018
120.21	35.36	0.00019	113.14	42.43	0.00020
106.07	49.50	0.00020	98.99	56.57	0.00021
95.46	60.10	0.00021	91.92	63.64	0.00021
89.80	65.76	0.00022	88.39	67.18	0.00022
86.97	68.59	0.00022	85.56	70.00	0.00022
84.15	71.42	0.00022	71.42	84.15	0.00022
70.00	85.56	0.00022	68.59	86.97	0.00022
67.18	88.39	0.00022	65.76	89.80	0.00022
63.64	91.92	0.00022	60.10	95.46	0.00022
56.57	98.99	0.00022	49.50	106.07	0.00022
42.43	113.14	0.00022	35.36	120.21	0.00021
28.28	127.28	0.00021	21.21	134.35	0.00021
14.14	141.42	0.00020	7.07	148.49	0.00020
141.42	0.00	0.00017	134.35	7.07	0.00018
127.28	14.14	0.00018	120.21	21.21	0.00019
113.14	28.28	0.00020	106.07	35.36	0.00021
98.99	42.43	0.00022	91.92	49.50	0.00022
88.39	53.03	0.00023	84.85	56.57	0.00023
82.73	58.69	0.00023	81.32	60.10	0.00023

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

79.90	61.52	0.00023	78.49	62.93	0.00023
77.07	64.35	0.00023	64.35	77.07	0.00024
62.93	78.49	0.00024	61.52	79.90	0.00024
60.10	81.32	0.00024	58.69	82.73	0.00024
56.57	84.85	0.00024	53.03	88.39	0.00024
49.50	91.92	0.00024	42.43	98.99	0.00023
35.36	106.07	0.00023	28.28	113.14	0.00023
21.21	120.21	0.00022	14.14	127.28	0.00022
7.07	134.35	0.00022	0.00	141.42	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00018	127.28	0.00	0.00018
120.21	7.07	0.00019	113.14	14.14	0.00020
106.07	21.21	0.00021	98.99	28.28	0.00022
91.92	35.36	0.00023	84.85	42.43	0.00024
81.32	45.96	0.00024	77.78	49.50	0.00024
75.66	51.62	0.00025	74.25	53.03	0.00025
72.83	54.45	0.00025	71.42	55.86	0.00025
70.00	57.28	0.00025	57.28	70.00	0.00025
55.86	71.42	0.00025	54.45	72.83	0.00025
53.03	74.25	0.00025	51.62	75.66	0.00025
49.50	77.78	0.00025	45.96	81.32	0.00025
42.43	84.85	0.00025	35.36	91.92	0.00025
28.28	98.99	0.00025	21.21	106.07	0.00024
14.14	113.14	0.00024	7.07	120.21	0.00024
0.00	127.28	0.00023	-7.07	134.35	0.00023
127.28	-14.14	0.00019	120.21	-7.07	0.00020
113.14	0.00	0.00020	106.07	7.07	0.00021
98.99	14.14	0.00022	91.92	21.21	0.00024
84.85	28.28	0.00024	77.78	35.36	0.00025
74.25	38.89	0.00026	70.71	42.43	0.00026
68.59	44.55	0.00026	67.18	45.96	0.00026
65.76	47.38	0.00027	64.35	48.79	0.00027
62.93	50.20	0.00027	50.20	62.93	0.00027
48.79	64.35	0.00027	47.38	65.76	0.00027
45.96	67.18	0.00027	44.55	68.59	0.00027

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

42.43	70.71	0.00027	38.89	74.25	0.00027
35.36	77.78	0.00027	28.28	84.85	0.00027
21.21	91.92	0.00026	14.14	98.99	0.00026
7.07	106.07	0.00026	0.00	113.14	0.00025
-7.07	120.21	0.00025	-14.14	127.28	0.00025
120.21	-21.21	0.00020	113.14	-14.14	0.00021
106.07	-7.07	0.00022	98.99	0.00	0.00023
91.92	7.07	0.00024	84.85	14.14	0.00025
77.78	21.21	0.00026	70.71	28.28	0.00027
67.18	31.82	0.00028	63.64	35.36	0.00028
61.52	37.48	0.00028	60.10	38.89	0.00028
58.69	40.31	0.00029	57.28	41.72	0.00029
55.86	43.13	0.00029	43.13	55.86	0.00029
41.72	57.28	0.00029	40.31	58.69	0.00029
38.89	60.10	0.00029	37.48	61.52	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00029	31.82	67.18	0.00029
28.28	70.71	0.00029	21.21	77.78	0.00029
14.14	84.85	0.00028	7.07	91.92	0.00028
0.00	98.99	0.00027	-7.07	106.07	0.00027
-14.14	113.14	0.00027	-21.21	120.21	0.00026
113.14	-28.28	0.00021	106.07	-21.21	0.00022
98.99	-14.14	0.00023	91.92	-7.07	0.00024
84.85	0.00	0.00026	77.78	7.07	0.00027
70.71	14.14	0.00028	63.64	21.21	0.00029
60.10	24.75	0.00030	56.57	28.28	0.00030
54.45	30.41	0.00030	53.03	31.82	0.00031
51.62	33.23	0.00031	50.20	34.65	0.00031
48.79	36.06	0.00031	36.06	48.79	0.00032
34.65	50.20	0.00032	33.23	51.62	0.00032
31.82	53.03	0.00032	30.41	54.45	0.00032
28.28	56.57	0.00032	24.75	60.10	0.00032
21.21	63.64	0.00032	14.14	70.71	0.00031
7.07	77.78	0.00031	0.00	84.85	0.00030
-7.07	91.92	0.00029	-14.14	98.99	0.00029

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-21.21	106.07	0.00029	-28.28	113.14	0.00028
106.07	-35.36	0.00022	98.99	-28.28	0.00023
91.92	-21.21	0.00024	84.85	-14.14	0.00026
77.78	-7.07	0.00027	70.71	0.00	0.00029
63.64	7.07	0.00030	56.57	14.14	0.00032
53.03	17.68	0.00032	49.50	21.21	0.00033
47.38	23.33	0.00033	45.96	24.75	0.00033
44.55	26.16	0.00033	43.13	27.58	0.00033
41.72	28.99	0.00034	28.99	41.72	0.00034
27.58	43.13	0.00034	26.16	44.55	0.00034
24.75	45.96	0.00034	23.33	47.38	0.00034
21.21	49.50	0.00034	17.68	53.03	0.00034
14.14	56.57	0.00034	7.07	63.64	0.00034
0.00	70.71	0.00033	-7.07	77.78	0.00032
-14.14	84.85	0.00032	-21.21	91.92	0.00031
-28.28	98.99	0.00031	-35.36	106.07	0.00031
98.99	-42.43	0.00023	91.92	-35.36	0.00025
84.85	-28.28	0.00026	77.78	-21.21	0.00028
70.71	-14.14	0.00029	63.64	-7.07	0.00031
56.57	0.00	0.00033	49.50	7.07	0.00034
45.96	10.61	0.00035	42.43	14.14	0.00035

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00036	38.89	17.68	0.00036
37.48	19.09	0.00036	36.06	20.51	0.00036
34.65	21.92	0.00037	21.92	34.65	0.00037
20.51	36.06	0.00038	19.09	37.48	0.00038
17.68	38.89	0.00038	16.26	40.31	0.00038
14.14	42.43	0.00037	10.61	45.96	0.00037
7.07	49.50	0.00037	0.00	56.57	0.00036
-7.07	63.64	0.00036	-14.14	70.71	0.00035
-21.21	77.78	0.00034	-28.28	84.85	0.00034
-35.36	91.92	0.00034	-42.43	98.99	0.00033
91.92	-49.50	0.00025	84.85	-42.43	0.00026
77.78	-35.36	0.00028	70.71	-28.28	0.00030
63.64	-21.21	0.00031	56.57	-14.14	0.00033

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00035	42.43	0.00	0.00037
38.89	3.54	0.00038	35.36	7.07	0.00039
33.23	9.19	0.00039	31.82	10.61	0.00039
30.41	12.02	0.00039	28.99	13.44	0.00040
27.58	14.85	0.00040	14.85	27.58	0.00041
13.44	28.99	0.00041	12.02	30.41	0.00041
10.61	31.82	0.00041	9.19	33.23	0.00041
7.07	35.36	0.00041	3.54	38.89	0.00041
0.00	42.43	0.00040	-7.07	49.50	0.00040
-14.14	56.57	0.00039	-21.21	63.64	0.00038
-28.28	70.71	0.00037	-35.36	77.78	0.00037
-42.43	84.85	0.00037	-49.50	91.92	0.00036
84.85	-56.57	0.00026	77.78	-49.50	0.00028
70.71	-42.43	0.00030	63.64	-35.36	0.00032
56.57	-28.28	0.00034	49.50	-21.21	0.00036
42.43	-14.14	0.00038	35.36	-7.07	0.00040
31.82	-3.54	0.00041	28.28	0.00	0.00042
26.16	2.12	0.00043	24.75	3.54	0.00043
23.33	4.95	0.00043	21.92	6.36	0.00043
20.51	7.78	0.00044	7.78	20.51	0.00045
6.36	21.92	0.00045	4.95	23.33	0.00045
3.54	24.75	0.00045	2.12	26.16	0.00045
0.00	28.28	0.00045	-3.54	31.82	0.00045
-7.07	35.36	0.00044	-14.14	42.43	0.00043
-21.21	49.50	0.00042	-28.28	56.57	0.00042
-35.36	63.64	0.00041	-42.43	70.71	0.00040
-49.50	77.78	0.00040	-56.57	84.85	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00028	70.71	-56.57	0.00030
63.64	-49.50	0.00032	56.57	-42.43	0.00034
49.50	-35.36	0.00036	42.43	-28.28	0.00039
35.36	-21.21	0.00041	28.28	-14.14	0.00044
24.75	-10.61	0.00045	21.21	-7.07	0.00046
19.09	-4.95	0.00047	17.68	-3.54	0.00047
16.26	-2.12	0.00047	14.85	-0.71	0.00048

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00048	0.71	13.44	0.00050
-0.71	14.85	0.00050	-2.12	16.26	0.00050
-3.54	17.68	0.00050	-4.95	19.09	0.00050
-7.07	21.21	0.00049	-10.61	24.75	0.00049
-14.14	28.28	0.00049	-21.21	35.36	0.00048
-28.28	42.43	0.00046	-35.36	49.50	0.00046
-42.43	56.57	0.00045	-49.50	63.64	0.00044
-56.57	70.71	0.00044	-63.64	77.78	0.00044
70.71	-70.71	0.00030	63.64	-63.64	0.00032
56.57	-56.57	0.00034	49.50	-49.50	0.00037
42.43	-42.43	0.00039	35.36	-35.36	0.00042
28.28	-28.28	0.00045	21.21	-21.21	0.00048
17.68	-17.68	0.00050	14.14	-14.14	0.00051
12.02	-12.02	0.00052	10.61	-10.61	0.00052
9.19	-9.19	0.00052	7.78	-7.78	0.00053
6.36	-6.36	0.00053	-6.36	6.36	0.00055
-7.78	7.78	0.00055	-9.19	9.19	0.00055
-10.61	10.61	0.00055	-12.02	12.02	0.00055
-14.14	14.14	0.00055	-17.68	17.68	0.00054
-21.21	21.21	0.00054	-28.28	28.28	0.00052
-35.36	35.36	0.00051	-42.43	42.43	0.00050
-49.50	49.50	0.00050	-56.57	56.57	0.00049
-63.64	63.64	0.00049	-70.71	70.71	0.00049
63.64	-77.78	0.00032	56.57	-70.71	0.00035
49.50	-63.64	0.00037	42.43	-56.57	0.00040
35.36	-49.50	0.00043	28.28	-42.43	0.00046
21.21	-35.36	0.00049	14.14	-28.28	0.00053
10.61	-24.75	0.00055	7.07	-21.21	0.00056
4.95	-19.09	0.00057	3.54	-17.68	0.00058
2.12	-16.26	0.00058	0.71	-14.85	0.00059
-0.71	-13.44	0.00059	-13.44	-0.71	0.00061
-14.85	0.71	0.00061	-16.26	2.12	0.00061
-17.68	3.54	0.00061	-19.09	4.95	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00061	-24.75	10.61	0.00060

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00060	-35.36	21.21	0.00058
-42.43	28.28	0.00057	-49.50	35.36	0.00056
-56.57	42.43	0.00055	-63.64	49.50	0.00055
-70.71	56.57	0.00054	-77.78	63.64	0.00054
56.57	-84.85	0.00035	49.50	-77.78	0.00037
42.43	-70.71	0.00040	35.36	-63.64	0.00043
28.28	-56.57	0.00046	21.21	-49.50	0.00050
14.14	-42.43	0.00054	7.07	-35.36	0.00059
3.54	-31.82	0.00061	0.00	-28.28	0.00063
-2.12	-26.16	0.00064	-3.54	-24.75	0.00065
-4.95	-23.33	0.00065	-6.36	-21.92	0.00066
-7.78	-20.51	0.00066	-20.51	-7.78	0.00069
-21.92	-6.36	0.00069	-23.33	-4.95	0.00069
-24.75	-3.54	0.00069	-26.16	-2.12	0.00068
-28.28	0.00	0.00068	-31.82	3.54	0.00068
-35.36	7.07	0.00067	-42.43	14.14	0.00065
-49.50	21.21	0.00063	-56.57	28.28	0.00062
-63.64	35.36	0.00062	-70.71	42.43	0.00061
-77.78	49.50	0.00061	-84.85	56.57	0.00061
49.50	-91.92	0.00037	42.43	-84.85	0.00040
35.36	-77.78	0.00043	28.28	-70.71	0.00047
21.21	-63.64	0.00051	14.14	-56.57	0.00055
7.07	-49.50	0.00060	0.00	-42.43	0.00065
-3.54	-38.89	0.00068	-7.07	-35.36	0.00070
-9.19	-33.23	0.00072	-10.61	-31.82	0.00072
-12.02	-30.41	0.00073	-13.44	-28.99	0.00074
-14.85	-27.58	0.00075	-27.58	-14.85	0.00078
-28.99	-13.44	0.00078	-30.41	-12.02	0.00078
-31.82	-10.61	0.00078	-33.23	-9.19	0.00077
-35.36	-7.07	0.00077	-38.89	-3.54	0.00076
-42.43	0.00	0.00075	-49.50	7.07	0.00073
-56.57	14.14	0.00071	-63.64	21.21	0.00070
-70.71	28.28	0.00070	-77.78	35.36	0.00069
-84.85	42.43	0.00069	-91.92	49.50	0.00069
42.43	-98.99	0.00040	35.36	-91.92	0.00044
28.28	-84.85	0.00047	21.21	-77.78	0.00051
14.14	-70.71	0.00056	7.07	-63.64	0.00061
0.00	-56.57	0.00066	-7.07	-49.50	0.00073
-10.61	-45.96	0.00076	-14.14	-42.43	0.00079

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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	0.00081	-17.68	-38.89	0.00082
-19.09	-37.48	0.00083	-20.51	-36.06	0.00084
-21.92	-34.65	0.00085	-34.65	-21.92	0.00089
-36.06	-20.51	0.00089	-37.48	-19.09	0.00088
-38.89	-17.68	0.00088	-40.31	-16.26	0.00088
-42.43	-14.14	0.00087	-45.96	-10.61	0.00086
-49.50	-7.07	0.00085	-56.57	0.00	0.00083
-63.64	7.07	0.00081	-70.71	14.14	0.00080
-77.78	21.21	0.00080	-84.85	28.28	0.00079
-91.92	35.36	0.00079	-98.99	42.43	0.00078
35.36	-106.07	0.00044	28.28	-98.99	0.00047
21.21	-91.92	0.00051	14.14	-84.85	0.00056
7.07	-77.78	0.00061	0.00	-70.71	0.00067
-7.07	-63.64	0.00074	-14.14	-56.57	0.00082
-17.68	-53.03	0.00086	-21.21	-49.50	0.00090
-23.33	-47.38	0.00092	-24.75	-45.96	0.00093
-26.16	-44.55	0.00095	-27.58	-43.13	0.00096
-28.99	-41.72	0.00097	-41.72	-28.99	0.00102
-43.13	-27.58	0.00102	-44.55	-26.16	0.00102
-45.96	-24.75	0.00101	-47.38	-23.33	0.00101
-49.50	-21.21	0.00100	-53.03	-17.68	0.00099
-56.57	-14.14	0.00097	-63.64	-7.07	0.00095
-70.71	0.00	0.00093	-77.78	7.07	0.00092
-84.85	14.14	0.00092	-91.92	21.21	0.00092
-98.99	28.28	0.00091	-106.07	35.36	0.00089
28.28	-113.14	0.00048	21.21	-106.07	0.00052
14.14	-98.99	0.00056	7.07	-91.92	0.00061
0.00	-84.85	0.00068	-7.07	-77.78	0.00075
-14.14	-70.71	0.00083	-21.21	-63.64	0.00092
-24.75	-60.10	0.00097	-28.28	-56.57	0.00102
-30.41	-54.45	0.00105	-31.82	-53.03	0.00107
-33.23	-51.62	0.00109	-34.65	-50.20	0.00111
-36.06	-48.79	0.00112	-48.79	-36.06	0.00118
-50.20	-34.65	0.00118	-51.62	-33.23	0.00118
-53.03	-31.82	0.00117	-54.45	-30.41	0.00117
-56.57	-28.28	0.00116	-60.10	-24.75	0.00114
-63.64	-21.21	0.00112	-70.71	-14.14	0.00110
-77.78	-7.07	0.00108	-84.85	0.00	0.00108
-91.92	7.07	0.00108	-98.99	14.14	0.00107

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-106.07 21.21 0.00105 -113.14 28.28 0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

20:39:23

**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
21.21	-120.21	0.00053	14.14	-113.14	0.00057
7.07	-106.07	0.00062	0.00	-98.99	0.00068
-7.07	-91.92	0.00075	-14.14	-84.85	0.00083
-21.21	-77.78	0.00093	-28.28	-70.71	0.00104
-31.82	-67.18	0.00111	-35.36	-63.64	0.00117
-37.48	-61.52	0.00121	-38.89	-60.10	0.00124
-40.31	-58.69	0.00126	-41.72	-57.28	0.00129
-43.13	-55.86	0.00131	-55.86	-43.13	0.00139
-57.28	-41.72	0.00139	-58.69	-40.31	0.00138
-60.10	-38.89	0.00138	-61.52	-37.48	0.00137
-63.64	-35.36	0.00136	-67.18	-31.82	0.00133
-70.71	-28.28	0.00132	-77.78	-21.21	0.00129
-84.85	-14.14	0.00128	-91.92	-7.07	0.00128
-98.99	0.00	0.00127	-106.07	7.07	0.00125
-113.14	14.14	0.00121	-120.21	21.21	0.00116
14.14	-127.28	0.00059	7.07	-120.21	0.00064
0.00	-113.14	0.00069	-7.07	-106.07	0.00076
-14.14	-98.99	0.00083	-21.21	-91.92	0.00093
-28.28	-84.85	0.00105	-35.36	-77.78	0.00119
-38.89	-74.25	0.00127	-42.43	-70.71	0.00136
-44.55	-68.59	0.00141	-45.96	-67.18	0.00144
-47.38	-65.76	0.00148	-48.79	-64.35	0.00151
-50.20	-62.93	0.00154	-62.93	-50.20	0.00166
-64.35	-48.79	0.00165	-65.76	-47.38	0.00165
-67.18	-45.96	0.00164	-68.59	-44.55	0.00163
-70.71	-42.43	0.00161	-74.25	-38.89	0.00159
-77.78	-35.36	0.00157	-84.85	-28.28	0.00155
-91.92	-21.21	0.00155	-98.99	-14.14	0.00154
-106.07	-7.07	0.00151	-113.14	0.00	0.00146
-120.21	7.07	0.00139	-127.28	14.14	0.00131
7.07	-134.35	0.00066	0.00	-127.28	0.00072
-7.07	-120.21	0.00078	-14.14	-113.14	0.00086
-21.21	-106.07	0.00094	-28.28	-98.99	0.00105

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00119	-42.43	-84.85	0.00136
-45.96	-81.32	0.00146	-49.50	-77.78	0.00157
-51.62	-75.66	0.00165	-53.03	-74.25	0.00169
-54.45	-72.83	0.00174	-55.86	-71.42	0.00179
-57.28	-70.00	0.00184	-70.00	-57.28	0.00201
-71.42	-55.86	0.00200	-72.83	-54.45	0.00199
-74.25	-53.03	0.00197	-75.66	-51.62	0.00196

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** 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
-77.78	-49.50	0.00194	-81.32	-45.96	0.00192
-84.85	-42.43	0.00191	-91.92	-35.36	0.00191
-98.99	-28.28	0.00190	-106.07	-21.21	0.00186
-113.14	-14.14	0.00179	-120.21	-7.07	0.00170
-127.28	0.00	0.00158	-134.35	7.07	0.00147
0.00	-141.42	0.00073	-7.07	-134.35	0.00080
-14.14	-127.28	0.00088	-21.21	-120.21	0.00097
-28.28	-113.14	0.00108	-35.36	-106.07	0.00120
-42.43	-98.99	0.00135	-49.50	-91.92	0.00156
-53.03	-88.39	0.00169	-56.57	-84.85	0.00184
-58.69	-82.73	0.00193	-60.10	-81.32	0.00200
-61.52	-79.90	0.00207	-62.93	-78.49	0.00214
-64.35	-77.07	0.00221	-77.07	-64.35	0.00247
-78.49	-62.93	0.00246	-79.90	-61.52	0.00245
-81.32	-60.10	0.00243	-82.73	-58.69	0.00242
-84.85	-56.57	0.00241	-88.39	-53.03	0.00241
-91.92	-49.50	0.00241	-98.99	-42.43	0.00241
-106.07	-35.36	0.00236	-113.14	-28.28	0.00225
-120.21	-21.21	0.00210	-127.28	-14.14	0.00194
-134.35	-7.07	0.00177	-141.42	0.00	0.00161
-7.07	-148.49	0.00081	-14.14	-141.42	0.00089
-21.21	-134.35	0.00099	-28.28	-127.28	0.00111
-35.36	-120.21	0.00124	-42.43	-113.14	0.00139
-49.50	-106.07	0.00157	-56.57	-98.99	0.00180
-60.10	-95.46	0.00196	-63.64	-91.92	0.00215
-65.76	-89.80	0.00228	-67.18	-88.39	0.00237
-68.59	-86.97	0.00247	-70.00	-85.56	0.00257

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00268	-84.15	-71.42	0.00313
-85.56	-70.00	0.00312	-86.97	-68.59	0.00311
-88.39	-67.18	0.00311	-89.80	-65.76	0.00311
-91.92	-63.64	0.00312	-95.46	-60.10	0.00314
-98.99	-56.57	0.00314	-106.07	-49.50	0.00307
-113.14	-42.43	0.00289	-120.21	-35.36	0.00266
-127.28	-28.28	0.00241	-134.35	-21.21	0.00217
-141.42	-14.14	0.00194	-148.49	-7.07	0.00174
-14.14	-155.56	0.00090	-21.21	-148.49	0.00100
-28.28	-141.42	0.00112	-35.36	-134.35	0.00126
-42.43	-127.28	0.00142	-49.50	-120.21	0.00161
-56.57	-113.14	0.00184	-63.64	-106.07	0.00213
-67.18	-102.53	0.00231	-70.71	-98.99	0.00252

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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	0.00268	-74.25	-95.46	0.00281
-75.66	-94.05	0.00295	-77.07	-92.63	0.00310
-78.49	-91.22	0.00326	-91.22	-78.49	0.00416
-92.63	-77.07	0.00417	-94.05	-75.66	0.00419
-95.46	-74.25	0.00422	-96.87	-72.83	0.00424
-98.99	-70.71	0.00425	-102.53	-67.18	0.00422
-106.07	-63.64	0.00413	-113.14	-56.57	0.00381
-120.21	-49.50	0.00343	-127.28	-42.43	0.00305
-134.35	-35.36	0.00269	-141.42	-28.28	0.00237
-148.49	-21.21	0.00208	-155.56	-14.14	0.00183
-21.21	-162.63	0.00099	-28.28	-155.56	0.00111
-35.36	-148.49	0.00126	-42.43	-141.42	0.00143
-49.50	-134.35	0.00163	-56.57	-127.28	0.00188
-63.64	-120.21	0.00217	-70.71	-113.14	0.00253
-74.25	-109.60	0.00276	-77.78	-106.07	0.00303
-79.90	-103.94	0.00323	-81.32	-102.53	0.00339
-82.73	-101.12	0.00357	-84.15	-99.70	0.00378
-85.56	-98.29	0.00403	-98.29	-85.56	0.00609
-99.70	-84.15	0.00608	-101.12	-82.73	0.00602
-102.53	-81.32	0.00594	-103.94	-79.90	0.00585
-106.07	-77.78	0.00569	-109.60	-74.25	0.00540

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00509	-120.21	-63.64	0.00446
-127.28	-56.57	0.00388	-134.35	-49.50	0.00335
-141.42	-42.43	0.00289	-148.49	-35.36	0.00250
-155.56	-28.28	0.00216	-162.63	-21.21	0.00188
-28.28	-169.71	0.00107	-35.36	-162.63	0.00122
-42.43	-155.56	0.00139	-49.50	-148.49	0.00160
-56.57	-141.42	0.00185	-63.64	-134.35	0.00215
-70.71	-127.28	0.00253	-77.78	-120.21	0.00300
-81.32	-116.67	0.00330	-84.85	-113.14	0.00368
-86.97	-111.02	0.00395	-88.39	-109.60	0.00417
-89.80	-108.19	0.00442	-91.22	-106.77	0.00474
-92.63	-105.36	0.00514	-105.36	-92.63	0.00754
-106.77	-91.22	0.00729	-108.19	-89.80	0.00707
-109.60	-88.39	0.00687	-111.02	-86.97	0.00669
-113.14	-84.85	0.00643	-116.67	-81.32	0.00600
-120.21	-77.78	0.00557	-127.28	-70.71	0.00479
-134.35	-63.64	0.00409	-141.42	-56.57	0.00349
-148.49	-49.50	0.00297	-155.56	-42.43	0.00253
-162.63	-35.36	0.00216	-169.71	-28.28	0.00186

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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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	0.00115	-42.43	-169.71	0.00131
-49.50	-162.63	0.00151	-56.57	-155.56	0.00175
-63.64	-148.49	0.00204	-70.71	-141.42	0.00240
-77.78	-134.35	0.00282	-84.85	-127.28	0.00335
-88.39	-123.74	0.00367	-91.92	-120.21	0.00405
-94.05	-118.09	0.00433	-95.46	-116.67	0.00453
-96.87	-115.26	0.00476	-98.29	-113.84	0.00504
-99.70	-112.43	0.00539	-112.43	-99.70	0.00752
-113.84	-98.29	0.00725	-115.26	-96.87	0.00704
-116.67	-95.46	0.00685	-118.09	-94.05	0.00668
-120.21	-91.92	0.00643	-123.74	-88.39	0.00601
-127.28	-84.85	0.00560	-134.35	-77.78	0.00481
-141.42	-70.71	0.00409	-148.49	-63.64	0.00346
-155.56	-56.57	0.00292	-162.63	-49.50	0.00246
-169.71	-42.43	0.00209	-176.78	-35.36	0.00178

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00120	-49.50	-176.78	0.00139
-56.57	-169.71	0.00161	-63.64	-162.63	0.00187
-70.71	-155.56	0.00217	-77.78	-148.49	0.00254
-84.85	-141.42	0.00299	-91.92	-134.35	0.00351
-95.46	-130.81	0.00380	-98.99	-127.28	0.00413
-101.12	-125.16	0.00436	-102.53	-123.74	0.00454
-103.94	-122.33	0.00474	-105.36	-120.92	0.00499
-106.77	-119.50	0.00533	-119.50	-106.77	0.00737
-120.92	-105.36	0.00710	-122.33	-103.94	0.00689
-123.74	-102.53	0.00670	-125.16	-101.12	0.00652
-127.28	-98.99	0.00627	-130.81	-95.46	0.00585
-134.35	-91.92	0.00545	-141.42	-84.85	0.00467
-148.49	-77.78	0.00394	-155.56	-70.71	0.00330
-162.63	-63.64	0.00276	-169.71	-56.57	0.00232
-176.78	-49.50	0.00195	-183.85	-42.43	0.00165
-49.50	-190.92	0.00123	-56.57	-183.85	0.00142
-63.64	-176.78	0.00164	-70.71	-169.71	0.00191
-77.78	-162.63	0.00224	-84.85	-155.56	0.00261
-91.92	-148.49	0.00304	-98.99	-141.42	0.00350
-102.53	-137.89	0.00375	-106.07	-134.35	0.00403
-108.19	-132.23	0.00424	-109.60	-130.81	0.00440
-111.02	-129.40	0.00460	-112.43	-127.99	0.00484
-113.84	-126.57	0.00516	-126.57	-113.84	0.00712
-127.99	-112.43	0.00686	-129.40	-111.02	0.00665
-130.81	-109.60	0.00646	-132.23	-108.19	0.00628

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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	0.00602	-137.89	-102.53	0.00561
-141.42	-98.99	0.00520	-148.49	-91.92	0.00441
-155.56	-84.85	0.00368	-162.63	-77.78	0.00305
-169.71	-70.71	0.00252	-176.78	-63.64	0.00210
-183.85	-56.57	0.00176	-190.92	-49.50	0.00149
-56.57	-197.99	0.00123	-63.64	-190.92	0.00141
-70.71	-183.85	0.00164	-77.78	-176.78	0.00191
-84.85	-169.71	0.00223	-91.92	-162.63	0.00259
-98.99	-155.56	0.00297	-106.07	-148.49	0.00337

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00359	-113.14	-141.42	0.00385
-115.26	-139.30	0.00403	-116.67	-137.89	0.00418
-118.09	-136.47	0.00436	-119.50	-135.06	0.00458
-120.92	-133.64	0.00488	-133.64	-120.92	0.00677
-135.06	-119.50	0.00651	-136.47	-118.09	0.00630
-137.89	-116.67	0.00611	-139.30	-115.26	0.00593
-141.42	-113.14	0.00568	-144.96	-109.60	0.00526
-148.49	-106.07	0.00484	-155.56	-98.99	0.00402
-162.63	-91.92	0.00329	-169.71	-84.85	0.00269
-176.78	-77.78	0.00221	-183.85	-70.71	0.00183
-190.92	-63.64	0.00154	-197.99	-56.57	0.00130
-63.64	-205.06	0.00120	-70.71	-197.99	0.00138
-77.78	-190.92	0.00160	-84.85	-183.85	0.00185
-91.92	-176.78	0.00215	-98.99	-169.71	0.00248
-106.07	-162.63	0.00283	-113.14	-155.56	0.00318
-116.67	-152.03	0.00337	-120.21	-148.49	0.00358
-122.33	-146.37	0.00374	-123.74	-144.96	0.00387
-125.16	-143.54	0.00403	-126.57	-142.13	0.00423
-127.99	-140.71	0.00450	-140.71	-127.99	0.00626
-142.13	-126.57	0.00601	-143.54	-125.16	0.00580
-144.96	-123.74	0.00561	-146.37	-122.33	0.00543
-148.49	-120.21	0.00517	-152.03	-116.67	0.00474
-155.56	-113.14	0.00430	-162.63	-106.07	0.00347
-169.71	-98.99	0.00279	-176.78	-91.92	0.00225
-183.85	-84.85	0.00184	-190.92	-77.78	0.00153
-197.99	-70.71	0.00129	-205.06	-63.64	0.00110
-70.71	-212.13	0.00116	-77.78	-205.06	0.00132
-84.85	-197.99	0.00152	-91.92	-190.92	0.00175
-98.99	-183.85	0.00200	-106.07	-176.78	0.00229
-113.14	-169.71	0.00260	-120.21	-162.63	0.00291
-123.74	-159.10	0.00307	-127.28	-155.56	0.00324

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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	0.00337	-130.81	-152.03	0.00347
-132.23	-150.61	0.00359	-133.64	-149.20	0.00376
-135.06	-147.79	0.00398	-147.79	-135.06	0.00554

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00528	-150.61	-132.23	0.00507
-152.03	-130.81	0.00487	-153.44	-129.40	0.00468
-155.56	-127.28	0.00440	-159.10	-123.74	0.00394
-162.63	-120.21	0.00350	-169.71	-113.14	0.00275
-176.78	-106.07	0.00218	-183.85	-98.99	0.00177
-190.92	-91.92	0.00146	-197.99	-84.85	0.00122
-205.06	-77.78	0.00104	-212.13	-70.71	0.00089
-77.78	-219.20	0.00109	-84.85	-212.13	0.00123
-91.92	-205.06	0.00140	-98.99	-197.99	0.00159
-106.07	-190.92	0.00181	-113.14	-183.85	0.00204
-120.21	-176.78	0.00228	-127.28	-169.71	0.00254
-130.81	-166.17	0.00267	-134.35	-162.63	0.00281
-136.47	-160.51	0.00290	-137.89	-159.10	0.00297
-139.30	-157.68	0.00305	-140.71	-156.27	0.00316
-142.13	-154.86	0.00333	-154.86	-142.13	0.00443
-156.27	-140.71	0.00415	-157.68	-139.30	0.00390
-159.10	-137.89	0.00367	-160.51	-136.47	0.00346
-162.63	-134.35	0.00318	-166.17	-130.81	0.00277
-169.71	-127.28	0.00243	-176.78	-120.21	0.00192
-183.85	-113.14	0.00156	-190.92	-106.07	0.00129
-197.99	-98.99	0.00108	-205.06	-91.92	0.00092
-212.13	-84.85	0.00080	-219.20	-77.78	0.00070
-84.85	-226.27	0.00099	-91.92	-219.20	0.00111
-98.99	-212.13	0.00125	-106.07	-205.06	0.00139
-113.14	-197.99	0.00155	-120.21	-190.92	0.00172
-127.28	-183.85	0.00190	-134.35	-176.78	0.00206
-137.89	-173.24	0.00213	-141.42	-169.71	0.00221
-143.54	-167.58	0.00225	-144.96	-166.17	0.00229
-146.37	-164.76	0.00233	-147.79	-163.34	0.00239
-149.20	-161.93	0.00248	-161.93	-149.20	0.00237
-163.34	-147.79	0.00212	-164.76	-146.37	0.00194
-166.17	-144.96	0.00182	-167.58	-143.54	0.00173
-169.71	-141.42	0.00161	-173.24	-137.89	0.00146
-176.78	-134.35	0.00135	-183.85	-127.28	0.00115
-190.92	-120.21	0.00099	-197.99	-113.14	0.00086
-205.06	-106.07	0.00076	-212.13	-98.99	0.00067
-219.20	-91.92	0.00060	-226.27	-84.85	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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 ,

19NCRA_SR04-300_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	0.00089	-98.99	-226.27	0.00098
-106.07	-219.20	0.00107	-113.14	-212.13	0.00118
-120.21	-205.06	0.00128	-127.28	-197.99	0.00138
-134.35	-190.92	0.00146	-141.42	-183.85	0.00149
-144.96	-180.31	0.00148	-148.49	-176.78	0.00145
-150.61	-174.66	0.00141	-152.03	-173.24	0.00138
-153.44	-171.83	0.00134	-154.86	-170.41	0.00129
-156.27	-169.00	0.00124	-169.00	-156.27	0.00077
-170.41	-154.86	0.00075	-171.83	-153.44	0.00074
-173.24	-152.03	0.00073	-174.66	-150.61	0.00073
-176.78	-148.49	0.00072	-180.31	-144.96	0.00072
-183.85	-141.42	0.00071	-190.92	-134.35	0.00068
-197.99	-127.28	0.00063	-205.06	-120.21	0.00058
-212.13	-113.14	0.00053	-219.20	-106.07	0.00048
-226.27	-98.99	0.00044	-233.35	-91.92	0.00041
-98.99	-240.42	0.00077	-106.07	-233.35	0.00083
-113.14	-226.27	0.00090	-120.21	-219.20	0.00096
-127.28	-212.13	0.00101	-134.35	-205.06	0.00105
-141.42	-197.99	0.00105	-148.49	-190.92	0.00102
-152.03	-187.38	0.00098	-155.56	-183.85	0.00092
-157.68	-181.73	0.00088	-159.10	-180.31	0.00086
-160.51	-178.90	0.00084	-161.93	-177.48	0.00082
-163.34	-176.07	0.00080	-176.07	-163.34	0.00059
-177.48	-161.93	0.00058	-178.90	-160.51	0.00057
-180.31	-159.10	0.00056	-181.73	-157.68	0.00055
-183.85	-155.56	0.00053	-187.38	-152.03	0.00051
-190.92	-148.49	0.00049	-197.99	-141.42	0.00047
-205.06	-134.35	0.00044	-212.13	-127.28	0.00041
-219.20	-120.21	0.00039	-226.27	-113.14	0.00036
-233.35	-106.07	0.00034	-240.42	-98.99	0.00032
-106.07	-247.49	0.00066	-113.14	-240.42	0.00070
-120.21	-233.35	0.00073	-127.28	-226.27	0.00076
-134.35	-219.20	0.00078	-141.42	-212.13	0.00079
-148.49	-205.06	0.00076	-155.56	-197.99	0.00071
-159.10	-194.45	0.00068	-162.63	-190.92	0.00066
-164.76	-188.80	0.00065	-166.17	-187.38	0.00065
-167.58	-185.97	0.00064	-169.00	-184.55	0.00063
-170.41	-183.14	0.00062	-183.14	-170.41	0.00048
-184.55	-169.00	0.00047	-185.97	-167.58	0.00046
-187.38	-166.17	0.00046	-188.80	-164.76	0.00045

04/18/08

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

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

20:39:23

**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	0.00044	-194.45	-159.10	0.00042
-197.99	-155.56	0.00040	-205.06	-148.49	0.00037
-212.13	-141.42	0.00034	-219.20	-134.35	0.00032
-226.27	-127.28	0.00030	-233.35	-120.21	0.00028
-240.42	-113.14	0.00027	-247.49	-106.07	0.00025

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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	0.00013	240.42	113.14	0.00013
233.35	120.21	0.00014	226.27	127.28	0.00014
219.20	134.35	0.00014	212.13	141.42	0.00015
205.06	148.49	0.00015	197.99	155.56	0.00016
194.45	159.10	0.00016	190.92	162.63	0.00016
188.80	164.76	0.00016	187.38	166.17	0.00016
185.97	167.58	0.00016	184.55	169.00	0.00016
183.14	170.41	0.00016	170.41	183.14	0.00016
169.00	184.55	0.00016	167.58	185.97	0.00016
166.17	187.38	0.00016	164.76	188.80	0.00017
162.63	190.92	0.00017	159.10	194.45	0.00017
155.56	197.99	0.00017	148.49	205.06	0.00016
141.42	212.13	0.00016	134.35	219.20	0.00016
127.28	226.27	0.00016	120.21	233.35	0.00016
113.14	240.42	0.00015	106.07	247.49	0.00015
240.42	98.99	0.00013	233.35	106.07	0.00014
226.27	113.14	0.00014	219.20	120.21	0.00015
212.13	127.28	0.00015	205.06	134.35	0.00016
197.99	141.42	0.00016	190.92	148.49	0.00017
187.38	152.03	0.00017	183.85	155.56	0.00017

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

181.73	157.68	0.00017	180.31	159.10	0.00017
178.90	160.51	0.00017	177.48	161.93	0.00017
176.07	163.34	0.00017	163.34	176.07	0.00017
161.93	177.48	0.00017	160.51	178.90	0.00017
159.10	180.31	0.00017	157.68	181.73	0.00017
155.56	183.85	0.00017	152.03	187.38	0.00017
148.49	190.92	0.00017	141.42	197.99	0.00017
134.35	205.06	0.00017	127.28	212.13	0.00017
120.21	219.20	0.00017	113.14	226.27	0.00016
106.07	233.35	0.00016	98.99	240.42	0.00016
233.35	91.92	0.00014	226.27	98.99	0.00014
219.20	106.07	0.00015	212.13	113.14	0.00015
205.06	120.21	0.00016	197.99	127.28	0.00017
190.92	134.35	0.00017	183.85	141.42	0.00018
180.31	144.96	0.00018	176.78	148.49	0.00018
174.66	150.61	0.00018	173.24	152.03	0.00018
171.83	153.44	0.00018	170.41	154.86	0.00018
169.00	156.27	0.00018	156.27	169.00	0.00018
154.86	170.41	0.00018	153.44	171.83	0.00018
152.03	173.24	0.00018	150.61	174.66	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00019	144.96	180.31	0.00019
141.42	183.85	0.00018	134.35	190.92	0.00018
127.28	197.99	0.00018	120.21	205.06	0.00018
113.14	212.13	0.00018	106.07	219.20	0.00017
99.00	226.27	0.00017	91.92	233.35	0.00017
226.27	84.85	0.00014	219.20	91.92	0.00015
212.13	98.99	0.00016	205.06	106.07	0.00016
197.99	113.14	0.00017	190.92	120.21	0.00017
183.85	127.28	0.00018	176.78	134.35	0.00019
173.24	137.89	0.00019	169.71	141.42	0.00019
167.58	143.54	0.00019	166.17	144.96	0.00019
164.76	146.37	0.00019	163.34	147.79	0.00019
161.93	149.20	0.00019	149.20	161.93	0.00020
147.79	163.34	0.00020	146.37	164.76	0.00020

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

144.96	166.17	0.00020	143.54	167.58	0.00020
141.42	169.71	0.00020	137.89	173.24	0.00020
134.35	176.78	0.00020	127.28	183.85	0.00019
120.21	190.92	0.00019	113.14	197.99	0.00019
106.07	205.06	0.00019	99.00	212.13	0.00018
91.92	219.20	0.00018	84.85	226.27	0.00018
219.20	77.78	0.00015	212.13	84.85	0.00016
205.06	91.92	0.00016	197.99	98.99	0.00017
190.92	106.07	0.00018	183.85	113.14	0.00018
176.78	120.21	0.00019	169.71	127.28	0.00020
166.17	130.81	0.00020	162.63	134.35	0.00020
160.51	136.47	0.00020	159.10	137.89	0.00020
157.68	139.30	0.00020	156.27	140.71	0.00020
154.86	142.13	0.00020	142.13	154.86	0.00021
140.71	156.27	0.00021	139.30	157.68	0.00021
137.89	159.10	0.00021	136.47	160.51	0.00021
134.35	162.63	0.00021	130.81	166.17	0.00021
127.28	169.71	0.00021	120.21	176.78	0.00021
113.14	183.85	0.00020	106.07	190.92	0.00020
99.00	197.99	0.00020	91.92	205.06	0.00020
84.85	212.13	0.00019	77.78	219.20	0.00019
212.13	70.71	0.00016	205.06	77.78	0.00017
197.99	84.85	0.00017	190.92	91.92	0.00018
183.85	98.99	0.00019	176.78	106.07	0.00020
169.71	113.14	0.00020	162.63	120.21	0.00021
159.10	123.74	0.00021	155.56	127.28	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00022	152.03	130.81	0.00022
150.61	132.23	0.00022	149.20	133.64	0.00022
147.79	135.06	0.00022	135.06	147.79	0.00022
133.64	149.20	0.00022	132.23	150.61	0.00022
130.81	152.03	0.00022	129.40	153.44	0.00022
127.28	155.56	0.00022	123.74	159.10	0.00022
120.21	162.63	0.00022	113.14	169.71	0.00022
106.07	176.78	0.00022	98.99	183.85	0.00021

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

91.92	190.92	0.00021	84.85	197.99	0.00021
77.78	205.06	0.00020	70.71	212.13	0.00020
205.06	63.64	0.00017	197.99	70.71	0.00018
190.92	77.78	0.00018	183.85	84.85	0.00019
176.78	91.92	0.00020	169.71	98.99	0.00021
162.63	106.07	0.00022	155.56	113.14	0.00022
152.03	116.67	0.00023	148.49	120.21	0.00023
146.37	122.33	0.00023	144.96	123.74	0.00023
143.54	125.16	0.00023	142.13	126.57	0.00023
140.71	127.99	0.00023	127.99	140.71	0.00024
126.57	142.13	0.00024	125.16	143.54	0.00024
123.74	144.96	0.00024	122.33	146.37	0.00024
120.21	148.49	0.00024	116.67	152.03	0.00024
113.14	155.56	0.00024	106.07	162.63	0.00023
98.99	169.71	0.00023	91.92	176.78	0.00023
84.85	183.85	0.00022	77.78	190.92	0.00022
70.71	197.99	0.00022	63.64	205.06	0.00021
197.99	56.57	0.00018	190.92	63.64	0.00018
183.85	70.71	0.00019	176.78	77.78	0.00020
169.71	84.85	0.00021	162.63	91.92	0.00022
155.56	98.99	0.00023	148.49	106.07	0.00024
144.96	109.60	0.00024	141.42	113.14	0.00024
139.30	115.26	0.00025	137.89	116.67	0.00025
136.47	118.09	0.00025	135.06	119.50	0.00025
133.64	120.92	0.00025	120.92	133.64	0.00025
119.50	135.06	0.00025	118.09	136.47	0.00025
116.67	137.89	0.00025	115.26	139.30	0.00025
113.14	141.42	0.00025	109.60	144.96	0.00025
106.07	148.49	0.00025	98.99	155.56	0.00025
91.92	162.63	0.00025	84.85	169.71	0.00024
77.78	176.78	0.00024	70.71	183.85	0.00024
63.64	190.92	0.00023	56.57	197.99	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00019	183.85	56.57	0.00020
176.78	63.64	0.00020	169.71	70.71	0.00021

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

162.63	77.78	0.00022	155.56	84.85	0.00024
148.49	91.92	0.00024	141.42	98.99	0.00025
137.89	102.53	0.00026	134.35	106.07	0.00026
132.23	108.19	0.00026	130.81	109.60	0.00026
129.40	111.02	0.00027	127.99	112.43	0.00027
126.57	113.84	0.00027	113.84	126.57	0.00027
112.43	127.99	0.00027	111.02	129.40	0.00027
109.60	130.81	0.00027	108.19	132.23	0.00027
106.07	134.35	0.00027	102.53	137.89	0.00027
98.99	141.42	0.00027	91.92	148.49	0.00027
84.85	155.56	0.00026	77.78	162.63	0.00026
70.71	169.71	0.00026	63.64	176.78	0.00025
56.57	183.85	0.00025	49.50	190.92	0.00025
183.85	42.43	0.00020	176.78	49.50	0.00021
169.71	56.57	0.00022	162.63	63.64	0.00023
155.56	70.71	0.00024	148.49	77.78	0.00025
141.42	84.85	0.00026	134.35	91.92	0.00027
130.81	95.46	0.00028	127.28	98.99	0.00028
125.16	101.12	0.00028	123.74	102.53	0.00028
122.33	103.94	0.00029	120.92	105.36	0.00029
119.50	106.77	0.00029	106.77	119.50	0.00029
105.36	120.92	0.00029	103.94	122.33	0.00029
102.53	123.74	0.00029	101.12	125.16	0.00029
98.99	127.28	0.00029	95.46	130.81	0.00029
91.92	134.35	0.00029	84.85	141.42	0.00029
77.78	148.49	0.00028	70.71	155.56	0.00028
63.64	162.63	0.00027	56.57	169.71	0.00027
49.50	176.78	0.00027	42.43	183.85	0.00026
176.78	35.36	0.00021	169.71	42.43	0.00022
162.63	49.50	0.00023	155.56	56.57	0.00024
148.49	63.64	0.00026	141.42	70.71	0.00027
134.35	77.78	0.00028	127.28	84.85	0.00029
123.74	88.39	0.00030	120.21	91.92	0.00030
118.09	94.05	0.00030	116.67	95.46	0.00031
115.26	96.87	0.00031	113.84	98.29	0.00031
112.43	99.70	0.00031	99.70	112.43	0.00032
98.29	113.84	0.00032	96.87	115.26	0.00032
95.46	116.67	0.00032	94.05	118.09	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_SR04-300_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	0.00032	88.39	123.74	0.00032	
84.85	127.28	0.00032	77.78	134.35	0.00031	
70.71	141.42	0.00031	63.64	148.49	0.00030	
56.57	155.56	0.00029	49.50	162.63	0.00029	
42.43	169.71	0.00029	35.36	176.78	0.00028	
169.71	28.28	0.00022	162.63	35.36	0.00023	
155.56	42.43	0.00024	148.49	49.50	0.00026	
141.42	56.57	0.00027	134.35	63.64	0.00029	
127.28	70.71	0.00030	120.21	77.78	0.00032	
116.67	81.32	0.00032	113.14	84.85	0.00033	
111.02	86.97	0.00033	109.60	88.39	0.00033	
108.19	89.80	0.00033	106.77	91.22	0.00033	
105.36	92.63	0.00034	92.63	105.36	0.00034	
91.22	106.77	0.00034	89.80	108.19	0.00034	
88.39	109.60	0.00034	86.97	111.02	0.00034	
84.85	113.14	0.00034	81.32	116.67	0.00034	
77.78	120.21	0.00034	70.71	127.28	0.00034	
63.64	134.35	0.00033	56.57	141.42	0.00032	
49.50	148.49	0.00032	42.43	155.56	0.00031	
35.36	162.63	0.00031	28.28	169.71	0.00031	
162.63	21.21	0.00023	155.56	28.28	0.00025	
148.49	35.36	0.00026	141.42	42.43	0.00028	
134.35	49.50	0.00029	127.28	56.57	0.00031	
120.21	63.64	0.00033	113.14	70.71	0.00034	
109.60	74.25	0.00035	106.07	77.78	0.00035	
103.94	79.90	0.00036	102.53	81.32	0.00036	
101.12	82.73	0.00036	99.70	84.15	0.00036	
98.29	85.56	0.00037	85.56	98.29	0.00037	
84.15	99.70	0.00038	82.73	101.12	0.00038	
81.32	102.53	0.00038	79.90	103.94	0.00038	
77.78	106.07	0.00037	74.25	109.60	0.00037	
70.71	113.14	0.00037	63.64	120.21	0.00036	
56.57	127.28	0.00036	49.50	134.35	0.00035	
42.43	141.42	0.00034	35.36	148.49	0.00034	
28.28	155.56	0.00034	21.21	162.63	0.00033	
155.56	14.14	0.00025	148.49	21.21	0.00026	
141.42	28.28	0.00028	134.35	35.36	0.00030	
127.28	42.43	0.00031	120.21	49.50	0.00033	
113.14	56.57	0.00035	106.07	63.64	0.00037	
102.53	67.18	0.00038	98.99	70.71	0.00039	

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

20:39:23

**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	0.00039	95.46	74.25	0.00039
94.05	75.66	0.00039	92.63	77.07	0.00040
91.22	78.49	0.00040	78.49	91.22	0.00041
77.07	92.63	0.00041	75.66	94.05	0.00041
74.25	95.46	0.00041	72.83	96.87	0.00041
70.71	98.99	0.00041	67.18	102.53	0.00041
63.64	106.07	0.00040	56.57	113.14	0.00040
49.50	120.21	0.00039	42.43	127.28	0.00038
35.36	134.35	0.00037	28.28	141.42	0.00037
21.21	148.49	0.00037	14.14	155.56	0.00036
148.49	7.07	0.00026	141.42	14.14	0.00028
134.35	21.21	0.00030	127.28	28.28	0.00032
120.21	35.36	0.00034	113.14	42.43	0.00036
106.07	49.50	0.00038	98.99	56.57	0.00040
95.46	60.10	0.00041	91.92	63.64	0.00042
89.80	65.76	0.00043	88.39	67.18	0.00043
86.97	68.59	0.00043	85.56	70.00	0.00043
84.15	71.42	0.00044	71.42	84.15	0.00045
70.00	85.56	0.00045	68.59	86.97	0.00045
67.18	88.39	0.00045	65.76	89.80	0.00045
63.64	91.92	0.00045	60.10	95.46	0.00045
56.57	98.99	0.00044	49.50	106.07	0.00043
42.43	113.14	0.00042	35.36	120.21	0.00042
28.28	127.28	0.00041	21.21	134.35	0.00040
14.14	141.42	0.00040	7.07	148.49	0.00040
141.42	0.00	0.00028	134.35	7.07	0.00030
127.28	14.14	0.00032	120.21	21.21	0.00034
113.14	28.28	0.00036	106.07	35.36	0.00039
98.99	42.43	0.00041	91.92	49.50	0.00044
88.39	53.03	0.00045	84.85	56.57	0.00046
82.73	58.69	0.00047	81.32	60.10	0.00047
79.90	61.52	0.00047	78.49	62.93	0.00048
77.07	64.35	0.00048	64.35	77.07	0.00050
62.93	78.49	0.00050	61.52	79.90	0.00050

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

60.10	81.32	0.00050	58.69	82.73	0.00050
56.57	84.85	0.00049	53.03	88.39	0.00049
49.50	91.92	0.00049	42.43	98.99	0.00048
35.36	106.07	0.00046	28.28	113.14	0.00046
21.21	120.21	0.00045	14.14	127.28	0.00044
7.07	134.35	0.00044	0.00	141.42	0.00044

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00030	127.28	0.00	0.00032
120.21	7.07	0.00034	113.14	14.14	0.00037
106.07	21.21	0.00039	98.99	28.28	0.00042
91.92	35.36	0.00045	84.85	42.43	0.00048
81.32	45.96	0.00050	77.78	49.50	0.00051
75.66	51.62	0.00052	74.25	53.03	0.00052
72.83	54.45	0.00052	71.42	55.86	0.00053
70.00	57.28	0.00053	57.28	70.00	0.00055
55.86	71.42	0.00055	54.45	72.83	0.00055
53.03	74.25	0.00055	51.62	75.66	0.00055
49.50	77.78	0.00055	45.96	81.32	0.00054
42.43	84.85	0.00054	35.36	91.92	0.00052
28.28	98.99	0.00051	21.21	106.07	0.00050
14.14	113.14	0.00050	7.07	120.21	0.00049
0.00	127.28	0.00049	-7.07	134.35	0.00049
127.28	-14.14	0.00032	120.21	-7.07	0.00035
113.14	0.00	0.00037	106.07	7.07	0.00040
98.99	14.14	0.00043	91.92	21.21	0.00046
84.85	28.28	0.00049	77.78	35.36	0.00053
74.25	38.89	0.00055	70.71	42.43	0.00056
68.59	44.55	0.00057	67.18	45.96	0.00058
65.76	47.38	0.00058	64.35	48.79	0.00059
62.93	50.20	0.00059	50.20	62.93	0.00061
48.79	64.35	0.00061	47.38	65.76	0.00061
45.96	67.18	0.00061	44.55	68.59	0.00061
42.43	70.71	0.00061	38.89	74.25	0.00060
35.36	77.78	0.00060	28.28	84.85	0.00058
21.21	91.92	0.00057	14.14	98.99	0.00056

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00055	0.00	113.14	0.00055
-7.07	120.21	0.00054	-14.14	127.28	0.00054
120.21	-21.21	0.00035	113.14	-14.14	0.00037
106.07	-7.07	0.00040	98.99	0.00	0.00043
91.92	7.07	0.00046	84.85	14.14	0.00050
77.78	21.21	0.00054	70.71	28.28	0.00059
67.18	31.82	0.00061	63.64	35.36	0.00063
61.52	37.48	0.00064	60.10	38.89	0.00065
58.69	40.31	0.00065	57.28	41.72	0.00066
55.86	43.13	0.00066	43.13	55.86	0.00069
41.72	57.28	0.00069	40.31	58.69	0.00069
38.89	60.10	0.00069	37.48	61.52	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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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_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	0.00068	31.82	67.18	0.00068
28.28	70.71	0.00067	21.21	77.78	0.00065
14.14	84.85	0.00063	7.07	91.92	0.00062
0.00	98.99	0.00062	-7.07	106.07	0.00061
-14.14	113.14	0.00061	-21.21	120.21	0.00061
113.14	-28.28	0.00037	106.07	-21.21	0.00040
98.99	-14.14	0.00043	91.92	-7.07	0.00047
84.85	0.00	0.00051	77.78	7.07	0.00055
70.71	14.14	0.00060	63.64	21.21	0.00065
60.10	24.75	0.00068	56.57	28.28	0.00070
54.45	30.41	0.00072	53.03	31.82	0.00072
51.62	33.23	0.00073	50.20	34.65	0.00074
48.79	36.06	0.00075	36.06	48.79	0.00078
34.65	50.20	0.00078	33.23	51.62	0.00078
31.82	53.03	0.00078	30.41	54.45	0.00077
28.28	56.57	0.00077	24.75	60.10	0.00076
21.21	63.64	0.00075	14.14	70.71	0.00073
7.07	77.78	0.00071	0.00	84.85	0.00070
-7.07	91.92	0.00070	-14.14	98.99	0.00070
-21.21	106.07	0.00069	-28.28	113.14	0.00069
106.07	-35.36	0.00040	98.99	-28.28	0.00044
91.92	-21.21	0.00047	84.85	-14.14	0.00051

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00056	70.71	0.00	0.00061
63.64	7.07	0.00066	56.57	14.14	0.00073
53.03	17.68	0.00076	49.50	21.21	0.00079
47.38	23.33	0.00081	45.96	24.75	0.00082
44.55	26.16	0.00083	43.13	27.58	0.00084
41.72	28.99	0.00085	28.99	41.72	0.00089
27.58	43.13	0.00089	26.16	44.55	0.00088
24.75	45.96	0.00088	23.33	47.38	0.00088
21.21	49.50	0.00087	17.68	53.03	0.00086
14.14	56.57	0.00085	7.07	63.64	0.00083
0.00	70.71	0.00081	-7.07	77.78	0.00080
-14.14	84.85	0.00080	-21.21	91.92	0.00079
-28.28	98.99	0.00079	-35.36	106.07	0.00078
98.99	-42.43	0.00044	91.92	-35.36	0.00047
84.85	-28.28	0.00051	77.78	-21.21	0.00056
70.71	-14.14	0.00061	63.64	-7.07	0.00067
56.57	0.00	0.00074	49.50	7.07	0.00082
45.96	10.61	0.00086	42.43	14.14	0.00090

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23
 **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	0.00092	38.89	17.68	0.00093
37.48	19.09	0.00095	36.06	20.51	0.00096
34.65	21.92	0.00097	21.92	34.65	0.00102
20.51	36.06	0.00102	19.09	37.48	0.00102
17.68	38.89	0.00101	16.26	40.31	0.00101
14.14	42.43	0.00100	10.61	45.96	0.00099
7.07	49.50	0.00097	0.00	56.57	0.00095
-7.07	63.64	0.00093	-14.14	70.71	0.00092
-21.21	77.78	0.00092	-28.28	84.85	0.00092
-35.36	91.92	0.00091	-42.43	98.99	0.00089
91.92	-49.50	0.00048	84.85	-42.43	0.00052
77.78	-35.36	0.00056	70.71	-28.28	0.00061
63.64	-21.21	0.00068	56.57	-14.14	0.00075
49.50	-7.07	0.00083	42.43	0.00	0.00092
38.89	3.54	0.00097	35.36	7.07	0.00102
33.23	9.19	0.00105	31.82	10.61	0.00107

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00109	28.99	13.44	0.00111
27.58	14.85	0.00112	14.85	27.58	0.00118
13.44	28.99	0.00118	12.02	30.41	0.00118
10.61	31.82	0.00117	9.19	33.23	0.00117
7.07	35.36	0.00116	3.54	38.89	0.00114
0.00	42.43	0.00112	-7.07	49.50	0.00110
-14.14	56.57	0.00108	-21.21	63.64	0.00108
-28.28	70.71	0.00108	-35.36	77.78	0.00107
-42.43	84.85	0.00105	-49.50	91.92	0.00102
84.85	-56.57	0.00053	77.78	-49.50	0.00057
70.71	-42.43	0.00062	63.64	-35.36	0.00068
56.57	-28.28	0.00075	49.50	-21.21	0.00083
42.43	-14.14	0.00093	35.36	-7.07	0.00104
31.82	-3.54	0.00111	28.28	0.00	0.00117
26.16	2.12	0.00121	24.75	3.54	0.00124
23.33	4.95	0.00126	21.92	6.36	0.00129
20.51	7.78	0.00131	7.78	20.51	0.00139
6.36	21.92	0.00139	4.95	23.33	0.00138
3.54	24.75	0.00138	2.12	26.16	0.00137
0.00	28.28	0.00136	-3.54	31.82	0.00133
-7.07	35.36	0.00132	-14.14	42.43	0.00129
-21.21	49.50	0.00128	-28.28	56.57	0.00128
-35.36	63.64	0.00127	-42.43	70.71	0.00125
-49.50	77.78	0.00121	-56.57	84.85	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00059	70.71	-56.57	0.00064
63.64	-49.50	0.00069	56.57	-42.43	0.00076
49.50	-35.36	0.00083	42.43	-28.28	0.00093
35.36	-21.21	0.00105	28.28	-14.14	0.00119
24.75	-10.61	0.00127	21.21	-7.07	0.00136
19.09	-4.95	0.00141	17.68	-3.54	0.00144
16.26	-2.12	0.00148	14.85	-0.71	0.00151
13.44	0.71	0.00154	0.71	13.44	0.00166
-0.71	14.85	0.00165	-2.12	16.26	0.00165
-3.54	17.68	0.00164	-4.95	19.09	0.00163

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00161	-10.61	24.75	0.00159
-14.14	28.28	0.00157	-21.21	35.36	0.00155
-28.28	42.43	0.00155	-35.36	49.50	0.00154
-42.43	56.57	0.00151	-49.50	63.64	0.00146
-56.57	70.71	0.00139	-63.64	77.78	0.00131
70.71	-70.71	0.00066	63.64	-63.64	0.00072
56.57	-56.57	0.00078	49.50	-49.50	0.00086
42.43	-42.43	0.00094	35.36	-35.36	0.00105
28.28	-28.28	0.00119	21.21	-21.21	0.00136
17.68	-17.68	0.00146	14.14	-14.14	0.00157
12.02	-12.02	0.00165	10.61	-10.61	0.00169
9.19	-9.19	0.00174	7.78	-7.78	0.00179
6.36	-6.36	0.00184	-6.36	6.36	0.00201
-7.78	7.78	0.00200	-9.19	9.19	0.00199
-10.61	10.61	0.00197	-12.02	12.02	0.00196
-14.14	14.14	0.00194	-17.68	17.68	0.00192
-21.21	21.21	0.00191	-28.28	28.28	0.00191
-35.36	35.36	0.00190	-42.43	42.43	0.00186
-49.50	49.50	0.00179	-56.57	56.57	0.00170
-63.64	63.64	0.00158	-70.71	70.71	0.00147
63.64	-77.78	0.00073	56.57	-70.71	0.00080
49.50	-63.64	0.00088	42.43	-56.57	0.00097
35.36	-49.50	0.00108	28.28	-42.43	0.00120
21.21	-35.36	0.00135	14.14	-28.28	0.00156
10.61	-24.75	0.00169	7.07	-21.21	0.00184
4.95	-19.09	0.00193	3.54	-17.68	0.00200
2.12	-16.26	0.00207	0.71	-14.85	0.00214
-0.71	-13.44	0.00221	-13.44	-0.71	0.00247
-14.85	0.71	0.00246	-16.26	2.12	0.00245
-17.68	3.54	0.00243	-19.09	4.95	0.00242

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 53
 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	0.00241	-24.75	10.61	0.00241
-28.28	14.14	0.00241	-35.36	21.21	0.00241
-42.43	28.28	0.00236	-49.50	35.36	0.00225
-56.57	42.43	0.00210	-63.64	49.50	0.00194

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00177	-77.78	63.64	0.00161
56.57	-84.85	0.00081	49.50	-77.78	0.00089
42.43	-70.71	0.00099	35.36	-63.64	0.00111
28.28	-56.57	0.00124	21.21	-49.50	0.00139
14.14	-42.43	0.00157	7.07	-35.36	0.00180
3.54	-31.82	0.00196	0.00	-28.28	0.00215
-2.12	-26.16	0.00228	-3.54	-24.75	0.00237
-4.95	-23.33	0.00247	-6.36	-21.92	0.00257
-7.78	-20.51	0.00268	-20.51	-7.78	0.00313
-21.92	-6.36	0.00312	-23.33	-4.95	0.00311
-24.75	-3.54	0.00311	-26.16	-2.12	0.00311
-28.28	0.00	0.00312	-31.82	3.54	0.00314
-35.36	7.07	0.00314	-42.43	14.14	0.00307
-49.50	21.21	0.00289	-56.57	28.28	0.00266
-63.64	35.36	0.00241	-70.71	42.43	0.00217
-77.78	49.50	0.00194	-84.85	56.57	0.00174
49.50	-91.92	0.00090	42.43	-84.85	0.00100
35.36	-77.78	0.00112	28.28	-70.71	0.00126
21.21	-63.64	0.00142	14.14	-56.57	0.00161
7.07	-49.50	0.00184	0.00	-42.43	0.00213
-3.54	-38.89	0.00231	-7.07	-35.36	0.00252
-9.19	-33.23	0.00268	-10.61	-31.82	0.00281
-12.02	-30.41	0.00295	-13.44	-28.99	0.00310
-14.85	-27.58	0.00326	-27.58	-14.85	0.00416
-28.99	-13.44	0.00417	-30.41	-12.02	0.00419
-31.82	-10.61	0.00422	-33.23	-9.19	0.00424
-35.36	-7.07	0.00425	-38.89	-3.54	0.00422
-42.43	0.00	0.00413	-49.50	7.07	0.00381
-56.57	14.14	0.00343	-63.64	21.21	0.00305
-70.71	28.28	0.00269	-77.78	35.36	0.00237
-84.85	42.43	0.00208	-91.92	49.50	0.00183
42.43	-98.99	0.00099	35.36	-91.92	0.00111
28.28	-84.85	0.00126	21.21	-77.78	0.00143
14.14	-70.71	0.00163	7.07	-63.64	0.00188
0.00	-56.57	0.00217	-7.07	-49.50	0.00253
-10.61	-45.96	0.00276	-14.14	-42.43	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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 ***

19NCRA_SR04-300_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	0.00323	-17.68	-38.89	0.00339
-19.09	-37.48	0.00357	-20.51	-36.06	0.00378
-21.92	-34.65	0.00403	-34.65	-21.92	0.00609
-36.06	-20.51	0.00608	-37.48	-19.09	0.00602
-38.89	-17.68	0.00594	-40.31	-16.26	0.00585
-42.43	-14.14	0.00569	-45.96	-10.61	0.00540
-49.50	-7.07	0.00509	-56.57	0.00	0.00446
-63.64	7.07	0.00388	-70.71	14.14	0.00335
-77.78	21.21	0.00289	-84.85	28.28	0.00250
-91.92	35.36	0.00216	-98.99	42.43	0.00188
35.36	-106.07	0.00107	28.28	-98.99	0.00122
21.21	-91.92	0.00139	14.14	-84.85	0.00160
7.07	-77.78	0.00185	0.00	-70.71	0.00215
-7.07	-63.64	0.00253	-14.14	-56.57	0.00300
-17.68	-53.03	0.00330	-21.21	-49.50	0.00368
-23.33	-47.38	0.00395	-24.75	-45.96	0.00417
-26.16	-44.55	0.00442	-27.58	-43.13	0.00474
-28.99	-41.72	0.00514	-41.72	-28.99	0.00754
-43.13	-27.58	0.00729	-44.55	-26.16	0.00707
-45.96	-24.75	0.00687	-47.38	-23.33	0.00669
-49.50	-21.21	0.00643	-53.03	-17.68	0.00600
-56.57	-14.14	0.00557	-63.64	-7.07	0.00479
-70.71	0.00	0.00409	-77.78	7.07	0.00349
-84.85	14.14	0.00297	-91.92	21.21	0.00253
-98.99	28.28	0.00216	-106.07	35.36	0.00186
28.28	-113.14	0.00115	21.21	-106.07	0.00131
14.14	-98.99	0.00151	7.07	-91.92	0.00175
0.00	-84.85	0.00204	-7.07	-77.78	0.00240
-14.14	-70.71	0.00282	-21.21	-63.64	0.00335
-24.75	-60.10	0.00367	-28.28	-56.57	0.00405
-30.41	-54.45	0.00433	-31.82	-53.03	0.00453
-33.23	-51.62	0.00476	-34.65	-50.20	0.00504
-36.06	-48.79	0.00539	-48.79	-36.06	0.00751
-50.20	-34.65	0.00725	-51.62	-33.23	0.00704
-53.03	-31.82	0.00685	-54.45	-30.41	0.00668
-56.57	-28.28	0.00643	-60.10	-24.75	0.00601
-63.64	-21.21	0.00560	-70.71	-14.14	0.00481
-77.78	-7.07	0.00409	-84.85	0.00	0.00346
-91.92	7.07	0.00292	-98.99	14.14	0.00246
-106.07	21.21	0.00209	-113.14	28.28	0.00178

1 *** ISCST3 - VERSION 02035 ***
 04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00120	14.14	-113.14	0.00139	
7.07	-106.07	0.00161	0.00	-98.99	0.00187	
-7.07	-91.92	0.00217	-14.14	-84.85	0.00254	
-21.21	-77.78	0.00299	-28.28	-70.71	0.00351	
-31.82	-67.18	0.00380	-35.36	-63.64	0.00413	
-37.48	-61.52	0.00436	-38.89	-60.10	0.00454	
-40.31	-58.69	0.00474	-41.72	-57.28	0.00499	
-43.13	-55.86	0.00533	-55.86	-43.13	0.00737	
-57.28	-41.72	0.00710	-58.69	-40.31	0.00689	
-60.10	-38.89	0.00670	-61.52	-37.48	0.00652	
-63.64	-35.36	0.00627	-67.18	-31.82	0.00585	
-70.71	-28.28	0.00545	-77.78	-21.21	0.00467	
-84.85	-14.14	0.00394	-91.92	-7.07	0.00330	
-98.99	0.00	0.00276	-106.07	7.07	0.00232	
-113.14	14.14	0.00195	-120.21	21.21	0.00165	
14.14	-127.28	0.00123	7.07	-120.21	0.00142	
0.00	-113.14	0.00164	-7.07	-106.07	0.00191	
-14.14	-98.99	0.00224	-21.21	-91.92	0.00261	
-28.28	-84.85	0.00304	-35.36	-77.78	0.00350	
-38.89	-74.25	0.00375	-42.43	-70.71	0.00403	
-44.55	-68.59	0.00424	-45.96	-67.18	0.00440	
-47.38	-65.76	0.00460	-48.79	-64.35	0.00484	
-50.20	-62.93	0.00516	-62.93	-50.20	0.00712	
-64.35	-48.79	0.00686	-65.76	-47.38	0.00665	
-67.18	-45.96	0.00646	-68.59	-44.55	0.00628	
-70.71	-42.43	0.00602	-74.25	-38.89	0.00561	
-77.78	-35.36	0.00520	-84.85	-28.28	0.00441	
-91.92	-21.21	0.00368	-98.99	-14.14	0.00305	
-106.07	-7.07	0.00252	-113.14	0.00	0.00210	
-120.21	7.07	0.00176	-127.28	14.14	0.00149	
7.07	-134.35	0.00123	0.00	-127.28	0.00141	
-7.07	-120.21	0.00164	-14.14	-113.14	0.00191	
-21.21	-106.07	0.00223	-28.28	-98.99	0.00259	
-35.36	-91.92	0.00297	-42.43	-84.85	0.00337	
-45.96	-81.32	0.00359	-49.50	-77.78	0.00385	
-51.62	-75.66	0.00403	-53.03	-74.25	0.00418	

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00436	-55.86	-71.42	0.00458
-57.28	-70.00	0.00488	-70.00	-57.28	0.00677
-71.42	-55.86	0.00651	-72.83	-54.45	0.00630
-74.25	-53.03	0.00611	-75.66	-51.62	0.00593

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00568	-81.32	-45.96	0.00526
-84.85	-42.43	0.00484	-91.92	-35.36	0.00402
-98.99	-28.28	0.00329	-106.07	-21.21	0.00269
-113.14	-14.14	0.00221	-120.21	-7.07	0.00183
-127.28	0.00	0.00154	-134.35	7.07	0.00130
0.00	-141.42	0.00120	-7.07	-134.35	0.00138
-14.14	-127.28	0.00160	-21.21	-120.21	0.00185
-28.28	-113.14	0.00215	-35.36	-106.07	0.00248
-42.43	-98.99	0.00283	-49.50	-91.92	0.00318
-53.03	-88.39	0.00337	-56.57	-84.85	0.00358
-58.69	-82.73	0.00374	-60.10	-81.32	0.00387
-61.52	-79.90	0.00403	-62.93	-78.49	0.00423
-64.35	-77.07	0.00450	-77.07	-64.35	0.00626
-78.49	-62.93	0.00601	-79.90	-61.52	0.00580
-81.32	-60.10	0.00561	-82.73	-58.69	0.00543
-84.85	-56.57	0.00517	-88.39	-53.03	0.00474
-91.92	-49.50	0.00430	-98.99	-42.43	0.00347
-106.07	-35.36	0.00279	-113.14	-28.28	0.00225
-120.21	-21.21	0.00184	-127.28	-14.14	0.00153
-134.35	-7.07	0.00129	-141.42	0.00	0.00110
-7.07	-148.49	0.00116	-14.14	-141.42	0.00132
-21.21	-134.35	0.00152	-28.28	-127.28	0.00175
-35.36	-120.21	0.00200	-42.43	-113.14	0.00229
-49.50	-106.07	0.00260	-56.57	-98.99	0.00291
-60.10	-95.46	0.00307	-63.64	-91.92	0.00324
-65.76	-89.80	0.00337	-67.18	-88.39	0.00347
-68.59	-86.97	0.00359	-70.00	-85.56	0.00376
-71.42	-84.15	0.00398	-84.15	-71.42	0.00554
-85.56	-70.00	0.00528	-86.97	-68.59	0.00507
-88.39	-67.18	0.00487	-89.80	-65.76	0.00468

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00440	-95.46	-60.10	0.00394
-98.99	-56.57	0.00350	-106.07	-49.50	0.00275
-113.14	-42.43	0.00218	-120.21	-35.36	0.00177
-127.28	-28.28	0.00146	-134.35	-21.21	0.00122
-141.42	-14.14	0.00104	-148.49	-7.07	0.00089
-14.14	-155.56	0.00109	-21.21	-148.49	0.00123
-28.28	-141.42	0.00140	-35.36	-134.35	0.00159
-42.43	-127.28	0.00181	-49.50	-120.21	0.00204
-56.57	-113.14	0.00228	-63.64	-106.07	0.00254
-67.18	-102.53	0.00267	-70.71	-98.99	0.00281

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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
-72.83	-96.87	0.00290	-74.25	-95.46	0.00297
-75.66	-94.05	0.00305	-77.07	-92.63	0.00316
-78.49	-91.22	0.00333	-91.22	-78.49	0.00443
-92.63	-77.07	0.00415	-94.05	-75.66	0.00390
-95.46	-74.25	0.00367	-96.87	-72.83	0.00346
-98.99	-70.71	0.00318	-102.53	-67.18	0.00277
-106.07	-63.64	0.00243	-113.14	-56.57	0.00192
-120.21	-49.50	0.00156	-127.28	-42.43	0.00129
-134.35	-35.36	0.00108	-141.42	-28.28	0.00092
-148.49	-21.21	0.00080	-155.56	-14.14	0.00070
-21.21	-162.63	0.00099	-28.28	-155.56	0.00111
-35.36	-148.49	0.00125	-42.43	-141.42	0.00139
-49.50	-134.35	0.00155	-56.57	-127.28	0.00172
-63.64	-120.21	0.00190	-70.71	-113.14	0.00206
-74.25	-109.60	0.00213	-77.78	-106.07	0.00221
-79.90	-103.94	0.00225	-81.32	-102.53	0.00229
-82.73	-101.12	0.00233	-84.15	-99.70	0.00239
-85.56	-98.29	0.00248	-98.29	-85.56	0.00237
-99.70	-84.15	0.00212	-101.12	-82.73	0.00194
-102.53	-81.32	0.00182	-103.94	-79.90	0.00173
-106.07	-77.78	0.00161	-109.60	-74.25	0.00146
-113.14	-70.71	0.00135	-120.21	-63.64	0.00115
-127.28	-56.57	0.00099	-134.35	-49.50	0.00086
-141.42	-42.43	0.00076	-148.49	-35.36	0.00067

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00060	-162.63	-21.21	0.00053
-28.28	-169.71	0.00089	-35.36	-162.63	0.00098
-42.43	-155.56	0.00107	-49.50	-148.49	0.00118
-56.57	-141.42	0.00128	-63.64	-134.35	0.00138
-70.71	-127.28	0.00146	-77.78	-120.21	0.00149
-81.32	-116.67	0.00148	-84.85	-113.14	0.00145
-86.97	-111.02	0.00141	-88.39	-109.60	0.00138
-89.80	-108.19	0.00134	-91.22	-106.77	0.00129
-92.63	-105.36	0.00124	-105.36	-92.63	0.00077
-106.77	-91.22	0.00075	-108.19	-89.80	0.00074
-109.60	-88.39	0.00073	-111.02	-86.97	0.00073
-113.14	-84.85	0.00072	-116.67	-81.32	0.00072
-120.21	-77.78	0.00071	-127.28	-70.71	0.00068
-134.35	-63.64	0.00063	-141.42	-56.57	0.00058
-148.49	-49.50	0.00053	-155.56	-42.43	0.00048
-162.63	-35.36	0.00044	-169.71	-28.28	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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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_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	0.00077	-42.43	-169.71	0.00083
-49.50	-162.63	0.00090	-56.57	-155.56	0.00096
-63.64	-148.49	0.00101	-70.71	-141.42	0.00105
-77.78	-134.35	0.00105	-84.85	-127.28	0.00102
-88.39	-123.74	0.00098	-91.92	-120.21	0.00092
-94.05	-118.09	0.00088	-95.46	-116.67	0.00086
-96.87	-115.26	0.00084	-98.29	-113.84	0.00082
-99.70	-112.43	0.00080	-112.43	-99.70	0.00059
-113.84	-98.29	0.00058	-115.26	-96.87	0.00057
-116.67	-95.46	0.00056	-118.09	-94.05	0.00055
-120.21	-91.92	0.00053	-123.74	-88.39	0.00051
-127.28	-84.85	0.00049	-134.35	-77.78	0.00047
-141.42	-70.71	0.00044	-148.49	-63.64	0.00041
-155.56	-56.57	0.00039	-162.63	-49.50	0.00036
-169.71	-42.43	0.00034	-176.78	-35.36	0.00032
-42.43	-183.85	0.00066	-49.50	-176.78	0.00070
-56.57	-169.71	0.00073	-63.64	-162.63	0.00076
-70.71	-155.56	0.00078	-77.78	-148.49	0.00079

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00076	-91.92	-134.35	0.00071
-95.46	-130.81	0.00068	-98.99	-127.28	0.00066
-101.12	-125.16	0.00065	-102.53	-123.74	0.00065
-103.94	-122.33	0.00064	-105.36	-120.92	0.00063
-106.77	-119.50	0.00062	-119.50	-106.77	0.00048
-120.92	-105.36	0.00047	-122.33	-103.94	0.00046
-123.74	-102.53	0.00046	-125.16	-101.12	0.00045
-127.28	-98.99	0.00044	-130.81	-95.46	0.00042
-134.35	-91.92	0.00040	-141.42	-84.85	0.00037
-148.49	-77.78	0.00034	-155.56	-70.71	0.00032
-162.63	-63.64	0.00030	-169.71	-56.57	0.00028
-176.78	-49.50	0.00027	-183.85	-42.43	0.00025
-49.50	-190.92	0.00056	-56.57	-183.85	0.00058
-63.64	-176.78	0.00060	-70.71	-169.71	0.00061
-77.78	-162.63	0.00061	-84.85	-155.56	0.00059
-91.92	-148.49	0.00056	-98.99	-141.42	0.00053
-102.53	-137.89	0.00052	-106.07	-134.35	0.00052
-108.19	-132.23	0.00052	-109.60	-130.81	0.00052
-111.02	-129.40	0.00052	-112.43	-127.99	0.00051
-113.84	-126.57	0.00050	-126.57	-113.84	0.00040
-127.99	-112.43	0.00039	-129.40	-111.02	0.00038
-130.81	-109.60	0.00038	-132.23	-108.19	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

20:39:23

**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
-134.35	-106.07	0.00037	-137.89	-102.53	0.00036
-141.42	-98.99	0.00034	-148.49	-91.92	0.00031
-155.56	-84.85	0.00029	-162.63	-77.78	0.00026
-169.71	-70.71	0.00024	-176.78	-63.64	0.00023
-183.85	-56.57	0.00022	-190.92	-49.50	0.00020
-56.57	-197.99	0.00047	-63.64	-190.92	0.00048
-70.71	-183.85	0.00049	-77.78	-176.78	0.00048
-84.85	-169.71	0.00047	-91.92	-162.63	0.00045
-98.99	-155.56	0.00043	-106.07	-148.49	0.00043
-109.60	-144.96	0.00043	-113.14	-141.42	0.00043
-115.26	-139.30	0.00043	-116.67	-137.89	0.00043
-118.09	-136.47	0.00042	-119.50	-135.06	0.00042

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00041	-133.64	-120.92	0.00033
-135.06	-119.50	0.00033	-136.47	-118.09	0.00032
-137.89	-116.67	0.00032	-139.30	-115.26	0.00031
-141.42	-113.14	0.00031	-144.96	-109.60	0.00030
-148.49	-106.07	0.00029	-155.56	-98.99	0.00027
-162.63	-91.92	0.00025	-169.71	-84.85	0.00023
-176.78	-77.78	0.00021	-183.85	-70.71	0.00019
-190.92	-63.64	0.00018	-197.99	-56.57	0.00017
-63.64	-205.06	0.00039	-70.71	-197.99	0.00039
-77.78	-190.92	0.00039	-84.85	-183.85	0.00038
-91.92	-176.78	0.00036	-98.99	-169.71	0.00035
-106.07	-162.63	0.00035	-113.14	-155.56	0.00036
-116.67	-152.03	0.00036	-120.21	-148.49	0.00036
-122.33	-146.37	0.00036	-123.74	-144.96	0.00036
-125.16	-143.54	0.00035	-126.57	-142.13	0.00035
-127.99	-140.71	0.00034	-140.71	-127.99	0.00028
-142.13	-126.57	0.00028	-143.54	-125.16	0.00028
-144.96	-123.74	0.00027	-146.37	-122.33	0.00027
-148.49	-120.21	0.00026	-152.03	-116.67	0.00025
-155.56	-113.14	0.00025	-162.63	-106.07	0.00024
-169.71	-98.99	0.00022	-176.78	-91.92	0.00020
-183.85	-84.85	0.00019	-190.92	-77.78	0.00017
-197.99	-70.71	0.00016	-205.06	-63.64	0.00015
-70.71	-212.13	0.00033	-77.78	-205.06	0.00032
-84.85	-197.99	0.00031	-91.92	-190.92	0.00030
-98.99	-183.85	0.00030	-106.07	-176.78	0.00029
-113.14	-169.71	0.00030	-120.21	-162.63	0.00030
-123.74	-159.10	0.00031	-127.28	-155.56	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00030	-130.81	-152.03	0.00030
-132.23	-150.61	0.00030	-133.64	-149.20	0.00029
-135.06	-147.79	0.00028	-147.79	-135.06	0.00024
-149.20	-133.64	0.00024	-150.61	-132.23	0.00024
-152.03	-130.81	0.00023	-153.44	-129.40	0.00023
-155.56	-127.28	0.00023	-159.10	-123.74	0.00022

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00021	-169.71	-113.14	0.00021
-176.78	-106.07	0.00019	-183.85	-98.99	0.00018
-190.92	-91.92	0.00017	-197.99	-84.85	0.00015
-205.06	-77.78	0.00014	-212.13	-70.71	0.00013
-77.78	-219.20	0.00027	-84.85	-212.13	0.00026
-91.92	-205.06	0.00026	-98.99	-197.99	0.00025
-106.07	-190.92	0.00025	-113.14	-183.85	0.00025
-120.21	-176.78	0.00026	-127.28	-169.71	0.00026
-130.81	-166.17	0.00026	-134.35	-162.63	0.00026
-136.47	-160.51	0.00026	-137.89	-159.10	0.00026
-139.30	-157.68	0.00025	-140.71	-156.27	0.00025
-142.13	-154.86	0.00024	-154.86	-142.13	0.00021
-156.27	-140.71	0.00021	-157.68	-139.30	0.00020
-159.10	-137.89	0.00020	-160.51	-136.47	0.00020
-162.63	-134.35	0.00020	-166.17	-130.81	0.00019
-169.71	-127.28	0.00018	-176.78	-120.21	0.00018
-183.85	-113.14	0.00017	-190.92	-106.07	0.00016
-197.99	-98.99	0.00015	-205.06	-91.92	0.00014
-212.13	-84.85	0.00013	-219.20	-77.78	0.00012
-84.85	-226.27	0.00023	-91.92	-219.20	0.00022
-98.99	-212.13	0.00022	-106.07	-205.06	0.00021
-113.14	-197.99	0.00021	-120.21	-190.92	0.00022
-127.28	-183.85	0.00022	-134.35	-176.78	0.00023
-137.89	-173.24	0.00023	-141.42	-169.71	0.00023
-143.54	-167.58	0.00022	-144.96	-166.17	0.00022
-146.37	-164.76	0.00022	-147.79	-163.34	0.00021
-149.20	-161.93	0.00021	-161.93	-149.20	0.00018
-163.34	-147.79	0.00018	-164.76	-146.37	0.00018
-166.17	-144.96	0.00018	-167.58	-143.54	0.00018
-169.71	-141.42	0.00017	-173.24	-137.89	0.00017
-176.78	-134.35	0.00016	-183.85	-127.28	0.00015
-190.92	-120.21	0.00015	-197.99	-113.14	0.00015
-205.06	-106.07	0.00014	-212.13	-98.99	0.00013
-219.20	-91.92	0.00012	-226.27	-84.85	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 61
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-233.35	0.00019	-98.99	-226.27	0.00019
-106.07	-219.20	0.00019	-113.14	-212.13	0.00019
-120.21	-205.06	0.00019	-127.28	-197.99	0.00019
-134.35	-190.92	0.00020	-141.42	-183.85	0.00020
-144.96	-180.31	0.00020	-148.49	-176.78	0.00020
-150.61	-174.66	0.00019	-152.03	-173.24	0.00019
-153.44	-171.83	0.00019	-154.86	-170.41	0.00018
-156.27	-169.00	0.00018	-169.00	-156.27	0.00016
-170.41	-154.86	0.00016	-171.83	-153.44	0.00016
-173.24	-152.03	0.00016	-174.66	-150.61	0.00015
-176.78	-148.49	0.00015	-180.31	-144.96	0.00015
-183.85	-141.42	0.00014	-190.92	-134.35	0.00014
-197.99	-127.28	0.00013	-205.06	-120.21	0.00013
-212.13	-113.14	0.00012	-219.20	-106.07	0.00012
-226.27	-98.99	0.00011	-233.35	-91.92	0.00010
-98.99	-240.42	0.00016	-106.07	-233.35	0.00016
-113.14	-226.27	0.00016	-120.21	-219.20	0.00016
-127.28	-212.13	0.00017	-134.35	-205.06	0.00017
-141.42	-197.99	0.00017	-148.49	-190.92	0.00018
-152.03	-187.38	0.00017	-155.56	-183.85	0.00017
-157.68	-181.73	0.00017	-159.10	-180.31	0.00017
-160.51	-178.90	0.00016	-161.93	-177.48	0.00016
-163.34	-176.07	0.00016	-176.07	-163.34	0.00014
-177.48	-161.93	0.00014	-178.90	-160.51	0.00014
-180.31	-159.10	0.00014	-181.73	-157.68	0.00014
-183.85	-155.56	0.00014	-187.38	-152.03	0.00013
-190.92	-148.49	0.00013	-197.99	-141.42	0.00012
-205.06	-134.35	0.00012	-212.13	-127.28	0.00012
-219.20	-120.21	0.00011	-226.27	-113.14	0.00011
-233.35	-106.07	0.00010	-240.42	-98.99	0.00009
-106.07	-247.49	0.00014	-113.14	-240.42	0.00014
-120.21	-233.35	0.00014	-127.28	-226.27	0.00015
-134.35	-219.20	0.00015	-141.42	-212.13	0.00015
-148.49	-205.06	0.00015	-155.56	-197.99	0.00016
-159.10	-194.45	0.00015	-162.63	-190.92	0.00015
-164.76	-188.80	0.00015	-166.17	-187.38	0.00015
-167.58	-185.97	0.00014	-169.00	-184.55	0.00014
-170.41	-183.14	0.00014	-183.14	-170.41	0.00012
-184.55	-169.00	0.00012	-185.97	-167.58	0.00012
-187.38	-166.17	0.00012	-188.80	-164.76	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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	-162.63	0.00012	-194.45	-159.10	0.00012	
-197.99	-155.56	0.00012	-205.06	-148.49	0.00011	
-212.13	-141.42	0.00011	-219.20	-134.35	0.00010	
-226.27	-127.28	0.00010	-233.35	-120.21	0.00010	
-240.42	-113.14	0.00009	-247.49	-106.07	0.00009	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
 PAGE 63

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
247.49	106.07	0.00020	240.42	113.14	0.00021	
233.35	120.21	0.00022	226.27	127.28	0.00023	
219.20	134.35	0.00024	212.13	141.42	0.00025	
205.06	148.49	0.00026	197.99	155.56	0.00027	
194.45	159.10	0.00028	190.92	162.63	0.00028	
188.80	164.76	0.00028	187.38	166.17	0.00028	
185.97	167.58	0.00029	184.55	169.00	0.00029	
183.14	170.41	0.00029	170.41	183.14	0.00029	
169.00	184.55	0.00029	167.58	185.97	0.00029	
166.17	187.38	0.00029	164.76	188.80	0.00029	
162.63	190.92	0.00029	159.10	194.45	0.00029	
155.56	197.99	0.00029	148.49	205.06	0.00029	
141.42	212.13	0.00028	134.35	219.20	0.00028	
127.28	226.27	0.00027	120.21	233.35	0.00027	
113.14	240.42	0.00027	106.07	247.49	0.00026	
240.42	98.99	0.00021	233.35	106.07	0.00022	
226.27	113.14	0.00023	219.20	120.21	0.00024	
212.13	127.28	0.00026	205.06	134.35	0.00027	
197.99	141.42	0.00028	190.92	148.49	0.00029	
187.38	152.03	0.00030	183.85	155.56	0.00030	
181.73	157.68	0.00030	180.31	159.10	0.00031	
178.90	160.51	0.00031	177.48	161.93	0.00031	
176.07	163.34	0.00031	163.34	176.07	0.00032	

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

161.93	177.48	0.00032	160.51	178.90	0.00032
159.10	180.31	0.00032	157.68	181.73	0.00032
155.56	183.85	0.00032	152.03	187.38	0.00032
148.49	190.92	0.00032	141.42	197.99	0.00031
134.35	205.06	0.00031	127.28	212.13	0.00030
120.21	219.20	0.00029	113.14	226.27	0.00029
106.07	233.35	0.00029	98.99	240.42	0.00028
233.35	91.92	0.00022	226.27	98.99	0.00023
219.20	106.07	0.00024	212.13	113.14	0.00026
205.06	120.21	0.00027	197.99	127.28	0.00029
190.92	134.35	0.00030	183.85	141.42	0.00032
180.31	144.96	0.00032	176.78	148.49	0.00033
174.66	150.61	0.00033	173.24	152.03	0.00033
171.83	153.44	0.00033	170.41	154.86	0.00033
169.00	156.27	0.00034	156.27	169.00	0.00034
154.86	170.41	0.00034	153.44	171.83	0.00034
152.03	173.24	0.00034	150.61	174.66	0.00034

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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
148.49	176.78	0.00034	144.96	180.31	0.00034
141.42	183.85	0.00034	134.35	190.92	0.00034
127.28	197.99	0.00033	120.21	205.06	0.00032
113.14	212.13	0.00032	106.07	219.20	0.00031
99.00	226.27	0.00031	91.92	233.35	0.00031
226.27	84.85	0.00023	219.20	91.92	0.00025
212.13	98.99	0.00026	205.06	106.07	0.00028
197.99	113.14	0.00029	190.92	120.21	0.00031
183.85	127.28	0.00033	176.78	134.35	0.00034
173.24	137.89	0.00035	169.71	141.42	0.00035
167.58	143.54	0.00036	166.17	144.96	0.00036
164.76	146.37	0.00036	163.34	147.79	0.00036
161.93	149.20	0.00037	149.20	161.93	0.00037
147.79	163.34	0.00038	146.37	164.76	0.00038
144.96	166.17	0.00038	143.54	167.58	0.00038
141.42	169.71	0.00037	137.89	173.24	0.00037
134.35	176.78	0.00037	127.28	183.85	0.00036

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

120.21	190.92	0.00036	113.14	197.99	0.00035
106.07	205.06	0.00034	99.00	212.13	0.00034
91.92	219.20	0.00034	84.85	226.27	0.00033
219.20	77.78	0.00025	212.13	84.85	0.00026
205.06	91.92	0.00028	197.99	98.99	0.00030
190.92	106.07	0.00031	183.85	113.14	0.00033
176.78	120.21	0.00035	169.71	127.28	0.00037
166.17	130.81	0.00038	162.63	134.35	0.00039
160.51	136.47	0.00039	159.10	137.89	0.00039
157.68	139.30	0.00039	156.27	140.71	0.00040
154.86	142.13	0.00040	142.13	154.86	0.00041
140.71	156.27	0.00041	139.30	157.68	0.00041
137.89	159.10	0.00041	136.47	160.51	0.00041
134.35	162.63	0.00041	130.81	166.17	0.00041
127.28	169.71	0.00040	120.21	176.78	0.00040
113.14	183.85	0.00039	106.07	190.92	0.00038
99.00	197.99	0.00037	91.92	205.06	0.00037
84.85	212.13	0.00037	77.78	219.20	0.00036
212.13	70.71	0.00026	205.06	77.78	0.00028
197.99	84.85	0.00030	190.92	91.92	0.00032
183.85	98.99	0.00034	176.78	106.07	0.00036
169.71	113.14	0.00038	162.63	120.21	0.00040
159.10	123.74	0.00041	155.56	127.28	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00043	152.03	130.81	0.00043
150.61	132.23	0.00043	149.20	133.64	0.00043
147.79	135.06	0.00044	135.06	147.79	0.00045
133.64	149.20	0.00045	132.23	150.61	0.00045
130.81	152.03	0.00045	129.40	153.44	0.00045
127.28	155.56	0.00045	123.74	159.10	0.00045
120.21	162.63	0.00044	113.14	169.71	0.00043
106.07	176.78	0.00042	98.99	183.85	0.00042
91.92	190.92	0.00041	84.85	197.99	0.00040
77.78	205.06	0.00040	70.71	212.13	0.00040
205.06	63.64	0.00028	197.99	70.71	0.00030

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00032	183.85	84.85	0.00034
176.78	91.92	0.00036	169.71	98.99	0.00039
162.63	106.07	0.00041	155.56	113.14	0.00044
152.03	116.67	0.00045	148.49	120.21	0.00046
146.37	122.33	0.00047	144.96	123.74	0.00047
143.54	125.16	0.00047	142.13	126.57	0.00048
140.71	127.99	0.00048	127.99	140.71	0.00050
126.57	142.13	0.00050	125.16	143.54	0.00050
123.74	144.96	0.00050	122.33	146.37	0.00050
120.21	148.49	0.00049	116.67	152.03	0.00049
113.14	155.56	0.00049	106.07	162.63	0.00048
98.99	169.71	0.00046	91.92	176.78	0.00046
84.85	183.85	0.00045	77.78	190.92	0.00044
70.71	197.99	0.00044	63.64	205.06	0.00044
197.99	56.57	0.00030	190.92	63.64	0.00032
183.85	70.71	0.00034	176.78	77.78	0.00037
169.71	84.85	0.00039	162.63	91.92	0.00042
155.56	98.99	0.00045	148.49	106.07	0.00048
144.96	109.60	0.00050	141.42	113.14	0.00051
139.30	115.26	0.00052	137.89	116.67	0.00052
136.47	118.09	0.00052	135.06	119.50	0.00053
133.64	120.92	0.00053	120.92	133.64	0.00055
119.50	135.06	0.00055	118.09	136.47	0.00055
116.67	137.89	0.00055	115.26	139.30	0.00055
113.14	141.42	0.00055	109.60	144.96	0.00054
106.07	148.49	0.00054	98.99	155.56	0.00052
91.92	162.63	0.00051	84.85	169.71	0.00050
77.78	176.78	0.00050	70.71	183.85	0.00049
63.64	190.92	0.00049	56.57	197.99	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00032	183.85	56.57	0.00035
176.78	63.64	0.00037	169.71	70.71	0.00040
162.63	77.78	0.00043	155.56	84.85	0.00046
148.49	91.92	0.00049	141.42	98.99	0.00053
137.89	102.53	0.00055	134.35	106.07	0.00056

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00057	130.81	109.60	0.00058
129.40	111.02	0.00058	127.99	112.43	0.00059
126.57	113.84	0.00059	113.84	126.57	0.00061
112.43	127.99	0.00061	111.02	129.40	0.00061
109.60	130.81	0.00061	108.19	132.23	0.00061
106.07	134.35	0.00061	102.53	137.89	0.00060
98.99	141.42	0.00060	91.92	148.49	0.00058
84.85	155.56	0.00057	77.78	162.63	0.00056
70.71	169.71	0.00055	63.64	176.78	0.00055
56.57	183.85	0.00054	49.50	190.92	0.00054
183.85	42.43	0.00035	176.78	49.50	0.00037
169.71	56.57	0.00040	162.63	63.64	0.00043
155.56	70.71	0.00046	148.49	77.78	0.00050
141.42	84.85	0.00054	134.35	91.92	0.00059
130.81	95.46	0.00061	127.28	98.99	0.00063
125.16	101.12	0.00064	123.74	102.53	0.00065
122.33	103.94	0.00065	120.92	105.36	0.00066
119.50	106.77	0.00066	106.77	119.50	0.00069
105.36	120.92	0.00069	103.94	122.33	0.00069
102.53	123.74	0.00069	101.12	125.16	0.00068
98.99	127.28	0.00068	95.46	130.81	0.00068
91.92	134.35	0.00067	84.85	141.42	0.00065
77.78	148.49	0.00063	70.71	155.56	0.00062
63.64	162.63	0.00062	56.57	169.71	0.00061
49.50	176.78	0.00061	42.43	183.85	0.00061
176.78	35.36	0.00037	169.71	42.43	0.00040
162.63	49.50	0.00043	155.56	56.57	0.00047
148.49	63.64	0.00051	141.42	70.71	0.00055
134.35	77.78	0.00060	127.28	84.85	0.00065
123.74	88.39	0.00068	120.21	91.92	0.00070
118.09	94.05	0.00072	116.67	95.46	0.00072
115.26	96.87	0.00073	113.84	98.29	0.00074
112.43	99.70	0.00075	99.70	112.43	0.00078
98.29	113.84	0.00078	96.87	115.26	0.00078
95.46	116.67	0.00078	94.05	118.09	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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 **

19NCRA_SR04-300_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	0.00077	88.39	123.74	0.00076
84.85	127.28	0.00075	77.78	134.35	0.00073
70.71	141.42	0.00071	63.64	148.49	0.00070
56.57	155.56	0.00070	49.50	162.63	0.00070
42.43	169.71	0.00069	35.36	176.78	0.00069
169.71	28.28	0.00040	162.63	35.36	0.00044
155.56	42.43	0.00047	148.49	49.50	0.00051
141.42	56.57	0.00056	134.35	63.64	0.00061
127.28	70.71	0.00066	120.21	77.78	0.00073
116.67	81.32	0.00076	113.14	84.85	0.00079
111.02	86.97	0.00081	109.60	88.39	0.00082
108.19	89.80	0.00083	106.77	91.22	0.00084
105.36	92.63	0.00085	92.63	105.36	0.00089
91.22	106.77	0.00089	89.80	108.19	0.00088
88.39	109.60	0.00088	86.97	111.02	0.00088
84.85	113.14	0.00087	81.32	116.67	0.00086
77.78	120.21	0.00085	70.71	127.28	0.00083
63.64	134.35	0.00081	56.57	141.42	0.00080
49.50	148.49	0.00080	42.43	155.56	0.00079
35.36	162.63	0.00079	28.28	169.71	0.00078
162.63	21.21	0.00044	155.56	28.28	0.00047
148.49	35.36	0.00051	141.42	42.43	0.00056
134.35	49.50	0.00061	127.28	56.57	0.00067
120.21	63.64	0.00074	113.14	70.71	0.00082
109.60	74.25	0.00086	106.07	77.78	0.00090
103.94	79.90	0.00092	102.53	81.32	0.00093
101.12	82.73	0.00095	99.70	84.15	0.00096
98.29	85.56	0.00097	85.56	98.29	0.00102
84.15	99.70	0.00102	82.73	101.12	0.00102
81.32	102.53	0.00101	79.90	103.94	0.00101
77.78	106.07	0.00100	74.25	109.60	0.00099
70.71	113.14	0.00097	63.64	120.21	0.00095
56.57	127.28	0.00093	49.50	134.35	0.00092
42.43	141.42	0.00092	35.36	148.49	0.00092
28.28	155.56	0.00091	21.21	162.63	0.00089
155.56	14.14	0.00048	148.49	21.21	0.00052
141.42	28.28	0.00056	134.35	35.36	0.00061
127.28	42.43	0.00068	120.21	49.50	0.00075
113.14	56.57	0.00083	106.07	63.64	0.00092
102.53	67.18	0.00097	98.99	70.71	0.00102

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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	0.00105	95.46	74.25	0.00107
94.05	75.66	0.00109	92.63	77.07	0.00111
91.22	78.49	0.00112	78.49	91.22	0.00118
77.07	92.63	0.00118	75.66	94.05	0.00118
74.25	95.46	0.00117	72.83	96.87	0.00117
70.71	98.99	0.00116	67.18	102.53	0.00114
63.64	106.07	0.00112	56.57	113.14	0.00110
49.50	120.21	0.00108	42.43	127.28	0.00108
35.36	134.35	0.00108	28.28	141.42	0.00107
21.21	148.49	0.00105	14.14	155.56	0.00102
148.49	7.07	0.00053	141.42	14.14	0.00057
134.35	21.21	0.00062	127.28	28.28	0.00068
120.21	35.36	0.00075	113.14	42.43	0.00083
106.07	49.50	0.00093	98.99	56.57	0.00104
95.46	60.10	0.00111	91.92	63.64	0.00117
89.80	65.76	0.00121	88.39	67.18	0.00124
86.97	68.59	0.00126	85.56	70.00	0.00129
84.15	71.42	0.00131	71.42	84.15	0.00139
70.00	85.56	0.00139	68.59	86.97	0.00138
67.18	88.39	0.00138	65.76	89.80	0.00137
63.64	91.92	0.00136	60.10	95.46	0.00133
56.57	98.99	0.00132	49.50	106.07	0.00129
42.43	113.14	0.00128	35.36	120.21	0.00128
28.28	127.28	0.00127	21.21	134.35	0.00125
14.14	141.42	0.00121	7.07	148.49	0.00116
141.42	0.00	0.00059	134.35	7.07	0.00064
127.28	14.14	0.00069	120.21	21.21	0.00076
113.14	28.28	0.00083	106.07	35.36	0.00093
98.99	42.43	0.00105	91.92	49.50	0.00119
88.39	53.03	0.00127	84.85	56.57	0.00136
82.73	58.69	0.00141	81.32	60.10	0.00144
79.90	61.52	0.00148	78.49	62.93	0.00151
77.07	64.35	0.00154	64.35	77.07	0.00166
62.93	78.49	0.00165	61.52	79.90	0.00165
60.10	81.32	0.00164	58.69	82.73	0.00163
56.57	84.85	0.00161	53.03	88.39	0.00159
49.50	91.92	0.00157	42.43	98.99	0.00155

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

35.36	106.07	0.00155	28.28	113.14	0.00154
21.21	120.21	0.00151	14.14	127.28	0.00146
7.07	134.35	0.00139	0.00	141.42	0.00131

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 69
 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	0.00066	127.28	0.00	0.00072
120.21	7.07	0.00078	113.14	14.14	0.00086
106.07	21.21	0.00094	98.99	28.28	0.00105
91.92	35.36	0.00119	84.85	42.43	0.00136
81.32	45.96	0.00146	77.78	49.50	0.00157
75.66	51.62	0.00165	74.25	53.03	0.00169
72.83	54.45	0.00174	71.42	55.86	0.00179
70.00	57.28	0.00184	57.28	70.00	0.00201
55.86	71.42	0.00200	54.45	72.83	0.00199
53.03	74.25	0.00197	51.62	75.66	0.00196
49.50	77.78	0.00194	45.96	81.32	0.00192
42.43	84.85	0.00191	35.36	91.92	0.00191
28.28	98.99	0.00190	21.21	106.07	0.00186
14.14	113.14	0.00179	7.07	120.21	0.00170
0.00	127.28	0.00158	-7.07	134.35	0.00147
127.28	-14.14	0.00073	120.21	-7.07	0.00080
113.14	0.00	0.00088	106.07	7.07	0.00097
98.99	14.14	0.00108	91.92	21.21	0.00120
84.85	28.28	0.00135	77.78	35.36	0.00156
74.25	38.89	0.00169	70.71	42.43	0.00184
68.59	44.55	0.00193	67.18	45.96	0.00200
65.76	47.38	0.00207	64.35	48.79	0.00214
62.93	50.20	0.00221	50.20	62.93	0.00247
48.79	64.35	0.00246	47.38	65.76	0.00245
45.96	67.18	0.00243	44.55	68.59	0.00242
42.43	70.71	0.00241	38.89	74.25	0.00241
35.36	77.78	0.00241	28.28	84.85	0.00241
21.21	91.92	0.00236	14.14	98.99	0.00225
7.07	106.07	0.00210	0.00	113.14	0.00194
-7.07	120.21	0.00177	-14.14	127.28	0.00161
120.21	-21.21	0.00081	113.14	-14.14	0.00089

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00099	98.99	0.00	0.00111
91.92	7.07	0.00124	84.85	14.14	0.00139
77.78	21.21	0.00157	70.71	28.28	0.00180
67.18	31.82	0.00196	63.64	35.36	0.00215
61.52	37.48	0.00228	60.10	38.89	0.00237
58.69	40.31	0.00247	57.28	41.72	0.00257
55.86	43.13	0.00268	43.13	55.86	0.00313
41.72	57.28	0.00312	40.31	58.69	0.00311
38.89	60.10	0.00311	37.48	61.52	0.00311

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00312	31.82	67.18	0.00314
28.28	70.71	0.00314	21.21	77.78	0.00307
14.14	84.85	0.00289	7.07	91.92	0.00266
0.00	98.99	0.00241	-7.07	106.07	0.00217
-14.14	113.14	0.00194	-21.21	120.21	0.00174
113.14	-28.28	0.00090	106.07	-21.21	0.00100
98.99	-14.14	0.00112	91.92	-7.07	0.00126
84.85	0.00	0.00142	77.78	7.07	0.00161
70.71	14.14	0.00184	63.64	21.21	0.00213
60.10	24.75	0.00231	56.57	28.28	0.00252
54.45	30.41	0.00268	53.03	31.82	0.00281
51.62	33.23	0.00295	50.20	34.65	0.00310
48.79	36.06	0.00326	36.06	48.79	0.00416
34.65	50.20	0.00417	33.23	51.62	0.00419
31.82	53.03	0.00422	30.41	54.45	0.00424
28.28	56.57	0.00425	24.75	60.10	0.00422
21.21	63.64	0.00413	14.14	70.71	0.00381
7.07	77.78	0.00343	0.00	84.85	0.00305
-7.07	91.92	0.00269	-14.14	98.99	0.00237
-21.21	106.07	0.00208	-28.28	113.14	0.00183
106.07	-35.36	0.00099	98.99	-28.28	0.00111
91.92	-21.21	0.00126	84.85	-14.14	0.00143
77.78	-7.07	0.00163	70.71	0.00	0.00188
63.64	7.07	0.00217	56.57	14.14	0.00253
53.03	17.68	0.00276	49.50	21.21	0.00303

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00323	45.96	24.75	0.00339
44.55	26.16	0.00357	43.13	27.58	0.00378
41.72	28.99	0.00403	28.99	41.72	0.00609
27.58	43.13	0.00608	26.16	44.55	0.00602
24.75	45.96	0.00594	23.33	47.38	0.00585
21.21	49.50	0.00569	17.68	53.03	0.00540
14.14	56.57	0.00509	7.07	63.64	0.00446
0.00	70.71	0.00388	-7.07	77.78	0.00335
-14.14	84.85	0.00289	-21.21	91.92	0.00250
-28.28	98.99	0.00216	-35.36	106.07	0.00188
98.99	-42.43	0.00107	91.92	-35.36	0.00122
84.85	-28.28	0.00139	77.78	-21.21	0.00160
70.71	-14.14	0.00185	63.64	-7.07	0.00215
56.57	0.00	0.00253	49.50	7.07	0.00300
45.96	10.61	0.00330	42.43	14.14	0.00368

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00395	38.89	17.68	0.00417
37.48	19.09	0.00442	36.06	20.51	0.00474
34.65	21.92	0.00514	21.92	34.65	0.00754
20.51	36.06	0.00729	19.09	37.48	0.00707
17.68	38.89	0.00687	16.26	40.31	0.00669
14.14	42.43	0.00643	10.61	45.96	0.00600
7.07	49.50	0.00557	0.00	56.57	0.00479
-7.07	63.64	0.00409	-14.14	70.71	0.00349
-21.21	77.78	0.00297	-28.28	84.85	0.00253
-35.36	91.92	0.00216	-42.43	98.99	0.00186
91.92	-49.50	0.00115	84.85	-42.43	0.00131
77.78	-35.36	0.00151	70.71	-28.28	0.00175
63.64	-21.21	0.00204	56.57	-14.14	0.00240
49.50	-7.07	0.00282	42.43	0.00	0.00335
38.89	3.54	0.00367	35.36	7.07	0.00405
33.23	9.19	0.00433	31.82	10.61	0.00453
30.41	12.02	0.00476	28.99	13.44	0.00504
27.58	14.85	0.00539	14.85	27.58	0.00751
13.44	28.99	0.00725	12.02	30.41	0.00704

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00685	9.19	33.23	0.00668
7.07	35.36	0.00643	3.54	38.89	0.00601
0.00	42.43	0.00560	-7.07	49.50	0.00481
-14.14	56.57	0.00409	-21.21	63.64	0.00346
-28.28	70.71	0.00292	-35.36	77.78	0.00246
-42.43	84.85	0.00209	-49.50	91.92	0.00178
84.85	-56.57	0.00120	77.78	-49.50	0.00139
70.71	-42.43	0.00161	63.64	-35.36	0.00186
56.57	-28.28	0.00217	49.50	-21.21	0.00254
42.43	-14.14	0.00299	35.36	-7.07	0.00351
31.82	-3.54	0.00380	28.28	0.00	0.00413
26.16	2.12	0.00436	24.75	3.54	0.00454
23.33	4.95	0.00474	21.92	6.36	0.00499
20.51	7.78	0.00533	7.78	20.51	0.00737
6.36	21.92	0.00710	4.95	23.33	0.00689
3.54	24.75	0.00670	2.12	26.16	0.00652
0.00	28.28	0.00627	-3.54	31.82	0.00585
-7.07	35.36	0.00545	-14.14	42.43	0.00467
-21.21	49.50	0.00394	-28.28	56.57	0.00330
-35.36	63.64	0.00276	-42.43	70.71	0.00232
-49.50	77.78	0.00195	-56.57	84.85	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00123	70.71	-56.57	0.00142
63.64	-49.50	0.00164	56.57	-42.43	0.00191
49.50	-35.36	0.00224	42.43	-28.28	0.00261
35.36	-21.21	0.00304	28.28	-14.14	0.00350
24.75	-10.61	0.00375	21.21	-7.07	0.00403
19.09	-4.95	0.00424	17.68	-3.54	0.00440
16.26	-2.12	0.00460	14.85	-0.71	0.00484
13.44	0.71	0.00516	0.71	13.44	0.00712
-0.71	14.85	0.00686	-2.12	16.26	0.00665
-3.54	17.68	0.00646	-4.95	19.09	0.00628
-7.07	21.21	0.00602	-10.61	24.75	0.00561
-14.14	28.28	0.00520	-21.21	35.36	0.00441
-28.28	42.43	0.00368	-35.36	49.50	0.00305

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00252	-49.50	63.64	0.00210
-56.57	70.71	0.00176	-63.64	77.78	0.00149
70.71	-70.71	0.00123	63.64	-63.64	0.00141
56.57	-56.57	0.00164	49.50	-49.50	0.00191
42.43	-42.43	0.00223	35.36	-35.36	0.00259
28.28	-28.28	0.00297	21.21	-21.21	0.00337
17.68	-17.68	0.00359	14.14	-14.14	0.00385
12.02	-12.02	0.00403	10.61	-10.61	0.00418
9.19	-9.19	0.00436	7.78	-7.78	0.00458
6.36	-6.36	0.00488	-6.36	6.36	0.00677
-7.78	7.78	0.00651	-9.19	9.19	0.00630
-10.61	10.61	0.00611	-12.02	12.02	0.00593
-14.14	14.14	0.00568	-17.68	17.68	0.00526
-21.21	21.21	0.00484	-28.28	28.28	0.00402
-35.36	35.36	0.00329	-42.43	42.43	0.00269
-49.50	49.50	0.00221	-56.57	56.57	0.00183
-63.64	63.64	0.00154	-70.71	70.71	0.00130
63.64	-77.78	0.00120	56.57	-70.71	0.00138
49.50	-63.64	0.00160	42.43	-56.57	0.00185
35.36	-49.50	0.00215	28.28	-42.43	0.00248
21.21	-35.36	0.00283	14.14	-28.28	0.00318
10.61	-24.75	0.00337	7.07	-21.21	0.00358
4.95	-19.09	0.00374	3.54	-17.68	0.00387
2.12	-16.26	0.00403	0.71	-14.85	0.00423
-0.71	-13.44	0.00449	-13.44	-0.71	0.00626
-14.85	0.71	0.00601	-16.26	2.12	0.00580
-17.68	3.54	0.00561	-19.09	4.95	0.00543

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00517	-24.75	10.61	0.00474
-28.28	14.14	0.00430	-35.36	21.21	0.00347
-42.43	28.28	0.00279	-49.50	35.36	0.00225
-56.57	42.43	0.00184	-63.64	49.50	0.00153
-70.71	56.57	0.00129	-77.78	63.64	0.00110
56.57	-84.85	0.00116	49.50	-77.78	0.00132
42.43	-70.71	0.00152	35.36	-63.64	0.00175

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00200	21.21	-49.50	0.00229
14.14	-42.43	0.00260	7.07	-35.36	0.00291
3.54	-31.82	0.00307	0.00	-28.28	0.00324
-2.12	-26.16	0.00337	-3.54	-24.75	0.00347
-4.95	-23.33	0.00359	-6.36	-21.92	0.00376
-7.78	-20.51	0.00398	-20.51	-7.78	0.00554
-21.92	-6.36	0.00528	-23.33	-4.95	0.00507
-24.75	-3.54	0.00487	-26.16	-2.12	0.00468
-28.28	0.00	0.00440	-31.82	3.54	0.00394
-35.36	7.07	0.00350	-42.43	14.14	0.00275
-49.50	21.21	0.00218	-56.57	28.28	0.00177
-63.64	35.36	0.00146	-70.71	42.43	0.00122
-77.78	49.50	0.00104	-84.85	56.57	0.00089
49.50	-91.92	0.00109	42.43	-84.85	0.00123
35.36	-77.78	0.00140	28.28	-70.71	0.00159
21.21	-63.64	0.00181	14.14	-56.57	0.00204
7.07	-49.50	0.00228	0.00	-42.43	0.00254
-3.54	-38.89	0.00267	-7.07	-35.36	0.00281
-9.19	-33.23	0.00290	-10.61	-31.82	0.00297
-12.02	-30.41	0.00305	-13.44	-28.99	0.00316
-14.85	-27.58	0.00333	-27.58	-14.85	0.00443
-28.99	-13.44	0.00415	-30.41	-12.02	0.00390
-31.82	-10.61	0.00367	-33.23	-9.19	0.00346
-35.36	-7.07	0.00317	-38.89	-3.54	0.00277
-42.43	0.00	0.00243	-49.50	7.07	0.00192
-56.57	14.14	0.00156	-63.64	21.21	0.00129
-70.71	28.28	0.00108	-77.78	35.36	0.00092
-84.85	42.43	0.00080	-91.92	49.50	0.00070
42.43	-98.99	0.00099	35.36	-91.92	0.00111
28.28	-84.85	0.00125	21.21	-77.78	0.00139
14.14	-70.71	0.00155	7.07	-63.64	0.00172
0.00	-56.57	0.00190	-7.07	-49.50	0.00206
-10.61	-45.96	0.00213	-14.14	-42.43	0.00221

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00225	-17.68	-38.89	0.00229

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00233	-20.51	-36.06	0.00239
-21.92	-34.65	0.00248	-34.65	-21.92	0.00237
-36.06	-20.51	0.00212	-37.48	-19.09	0.00194
-38.89	-17.68	0.00182	-40.31	-16.26	0.00172
-42.43	-14.14	0.00161	-45.96	-10.61	0.00146
-49.50	-7.07	0.00135	-56.57	0.00	0.00115
-63.64	7.07	0.00099	-70.71	14.14	0.00086
-77.78	21.21	0.00076	-84.85	28.28	0.00067
-91.92	35.36	0.00060	-98.99	42.43	0.00053
35.36	-106.07	0.00089	28.28	-98.99	0.00098
21.21	-91.92	0.00107	14.14	-84.85	0.00118
7.07	-77.78	0.00128	0.00	-70.71	0.00138
-7.07	-63.64	0.00146	-14.14	-56.57	0.00149
-17.68	-53.03	0.00148	-21.21	-49.50	0.00145
-23.33	-47.38	0.00141	-24.75	-45.96	0.00138
-26.16	-44.55	0.00134	-27.58	-43.13	0.00129
-28.99	-41.72	0.00124	-41.72	-28.99	0.00077
-43.13	-27.58	0.00075	-44.55	-26.16	0.00074
-45.96	-24.75	0.00073	-47.38	-23.33	0.00073
-49.50	-21.21	0.00072	-53.03	-17.68	0.00072
-56.57	-14.14	0.00071	-63.64	-7.07	0.00068
-70.71	0.00	0.00063	-77.78	7.07	0.00058
-84.85	14.14	0.00053	-91.92	21.21	0.00048
-98.99	28.28	0.00044	-106.07	35.36	0.00041
28.28	-113.14	0.00077	21.21	-106.07	0.00083
14.14	-98.99	0.00090	7.07	-91.92	0.00096
0.00	-84.85	0.00101	-7.07	-77.78	0.00105
-14.14	-70.71	0.00105	-21.21	-63.64	0.00102
-24.75	-60.10	0.00098	-28.28	-56.57	0.00092
-30.41	-54.45	0.00088	-31.82	-53.03	0.00086
-33.23	-51.62	0.00084	-34.65	-50.20	0.00082
-36.06	-48.79	0.00080	-48.79	-36.06	0.00059
-50.20	-34.65	0.00058	-51.62	-33.23	0.00057
-53.03	-31.82	0.00056	-54.45	-30.41	0.00055
-56.57	-28.28	0.00053	-60.10	-24.75	0.00051
-63.64	-21.21	0.00049	-70.71	-14.14	0.00047
-77.78	-7.07	0.00044	-84.85	0.00	0.00041
-91.92	7.07	0.00039	-98.99	14.14	0.00036
-106.07	21.21	0.00034	-113.14	28.28	0.00032

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** 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_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	0.00066	14.14	-113.14	0.00070	
7.07	-106.07	0.00073	0.00	-98.99	0.00076	
-7.07	-91.92	0.00078	-14.14	-84.85	0.00079	
-21.21	-77.78	0.00076	-28.28	-70.71	0.00071	
-31.82	-67.18	0.00068	-35.36	-63.64	0.00066	
-37.48	-61.52	0.00065	-38.89	-60.10	0.00065	
-40.31	-58.69	0.00064	-41.72	-57.28	0.00063	
-43.13	-55.86	0.00062	-55.86	-43.13	0.00048	
-57.28	-41.72	0.00047	-58.69	-40.31	0.00046	
-60.10	-38.89	0.00046	-61.52	-37.48	0.00045	
-63.64	-35.36	0.00044	-67.18	-31.82	0.00042	
-70.71	-28.28	0.00040	-77.78	-21.21	0.00037	
-84.85	-14.14	0.00034	-91.92	-7.07	0.00032	
-98.99	0.00	0.00030	-106.07	7.07	0.00028	
-113.14	14.14	0.00027	-120.21	21.21	0.00025	
14.14	-127.28	0.00056	7.07	-120.21	0.00058	
0.00	-113.14	0.00060	-7.07	-106.07	0.00061	
-14.14	-98.99	0.00061	-21.21	-91.92	0.00059	
-28.28	-84.85	0.00056	-35.36	-77.78	0.00053	
-38.89	-74.25	0.00052	-42.43	-70.71	0.00052	
-44.55	-68.59	0.00052	-45.96	-67.18	0.00052	
-47.38	-65.76	0.00052	-48.79	-64.35	0.00051	
-50.20	-62.93	0.00050	-62.93	-50.20	0.00040	
-64.35	-48.79	0.00039	-65.76	-47.38	0.00038	
-67.18	-45.96	0.00038	-68.59	-44.55	0.00037	
-70.71	-42.43	0.00037	-74.25	-38.89	0.00036	
-77.78	-35.36	0.00034	-84.85	-28.28	0.00031	
-91.92	-21.21	0.00029	-98.99	-14.14	0.00026	
-106.07	-7.07	0.00024	-113.14	0.00	0.00023	
-120.21	7.07	0.00022	-127.28	14.14	0.00020	
7.07	-134.35	0.00047	0.00	-127.28	0.00048	
-7.07	-120.21	0.00049	-14.14	-113.14	0.00048	
-21.21	-106.07	0.00047	-28.28	-98.99	0.00045	
-35.36	-91.92	0.00043	-42.43	-84.85	0.00043	
-45.96	-81.32	0.00043	-49.50	-77.78	0.00043	
-51.62	-75.66	0.00043	-53.03	-74.25	0.00043	
-54.45	-72.83	0.00042	-55.86	-71.42	0.00042	
-57.28	-70.00	0.00041	-70.00	-57.28	0.00033	
-71.42	-55.86	0.00033	-72.83	-54.45	0.00032	

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-74.25 -53.03 0.00032 -75.66 -51.62 0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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	0.00031	-81.32	-45.96	0.00030
-84.85	-42.43	0.00029	-91.92	-35.36	0.00027
-98.99	-28.28	0.00025	-106.07	-21.21	0.00023
-113.14	-14.14	0.00021	-120.21	-7.07	0.00019
-127.28	0.00	0.00018	-134.35	7.07	0.00017
0.00	-141.42	0.00039	-7.07	-134.35	0.00039
-14.14	-127.28	0.00039	-21.21	-120.21	0.00038
-28.28	-113.14	0.00036	-35.36	-106.07	0.00035
-42.43	-98.99	0.00035	-49.50	-91.92	0.00036
-53.03	-88.39	0.00036	-56.57	-84.85	0.00036
-58.69	-82.73	0.00036	-60.10	-81.32	0.00036
-61.52	-79.90	0.00035	-62.93	-78.49	0.00035
-64.35	-77.07	0.00034	-77.07	-64.35	0.00028
-78.49	-62.93	0.00028	-79.90	-61.52	0.00028
-81.32	-60.10	0.00027	-82.73	-58.69	0.00027
-84.85	-56.57	0.00026	-88.39	-53.03	0.00025
-91.92	-49.50	0.00025	-98.99	-42.43	0.00024
-106.07	-35.36	0.00022	-113.14	-28.28	0.00020
-120.21	-21.21	0.00019	-127.28	-14.14	0.00017
-134.35	-7.07	0.00016	-141.42	0.00	0.00015
-7.07	-148.49	0.00033	-14.14	-141.42	0.00032
-21.21	-134.35	0.00031	-28.28	-127.28	0.00030
-35.36	-120.21	0.00030	-42.43	-113.14	0.00029
-49.50	-106.07	0.00030	-56.57	-98.99	0.00030
-60.10	-95.46	0.00031	-63.64	-91.92	0.00031
-65.76	-89.80	0.00030	-67.18	-88.39	0.00030
-68.59	-86.97	0.00030	-70.00	-85.56	0.00029
-71.42	-84.15	0.00028	-84.15	-71.42	0.00024
-85.56	-70.00	0.00024	-86.97	-68.59	0.00024
-88.39	-67.18	0.00023	-89.80	-65.76	0.00023
-91.92	-63.64	0.00023	-95.46	-60.10	0.00022
-98.99	-56.57	0.00021	-106.07	-49.50	0.00021
-113.14	-42.43	0.00019	-120.21	-35.36	0.00018

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00017	-134.35	-21.21	0.00015
-141.42	-14.14	0.00014	-148.49	-7.07	0.00013
-14.14	-155.56	0.00027	-21.21	-148.49	0.00026
-28.28	-141.42	0.00026	-35.36	-134.35	0.00025
-42.43	-127.28	0.00025	-49.50	-120.21	0.00025
-56.57	-113.14	0.00026	-63.64	-106.07	0.00026
-67.18	-102.53	0.00026	-70.71	-98.99	0.00026

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***

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

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**MODELOPTs:
PAGE 77

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	0.00026	-74.25	-95.46	0.00026
-75.66	-94.05	0.00025	-77.07	-92.63	0.00025
-78.49	-91.22	0.00024	-91.22	-78.49	0.00021
-92.63	-77.07	0.00021	-94.05	-75.66	0.00020
-95.46	-74.25	0.00020	-96.87	-72.83	0.00020
-98.99	-70.71	0.00020	-102.53	-67.18	0.00019
-106.07	-63.64	0.00018	-113.14	-56.57	0.00018
-120.21	-49.50	0.00017	-127.28	-42.43	0.00016
-134.35	-35.36	0.00015	-141.42	-28.28	0.00014
-148.49	-21.21	0.00013	-155.56	-14.14	0.00012
-21.21	-162.63	0.00023	-28.28	-155.56	0.00022
-35.36	-148.49	0.00022	-42.43	-141.42	0.00021
-49.50	-134.35	0.00021	-56.57	-127.28	0.00022
-63.64	-120.21	0.00022	-70.71	-113.14	0.00023
-74.25	-109.60	0.00023	-77.78	-106.07	0.00023
-79.90	-103.94	0.00022	-81.32	-102.53	0.00022
-82.73	-101.12	0.00022	-84.15	-99.70	0.00021
-85.56	-98.29	0.00021	-98.29	-85.56	0.00018
-99.70	-84.15	0.00018	-101.12	-82.73	0.00018
-102.53	-81.32	0.00018	-103.94	-79.90	0.00018
-106.07	-77.78	0.00017	-109.60	-74.25	0.00017
-113.14	-70.71	0.00016	-120.21	-63.64	0.00015
-127.28	-56.57	0.00015	-134.35	-49.50	0.00015
-141.42	-42.43	0.00014	-148.49	-35.36	0.00013
-155.56	-28.28	0.00012	-162.63	-21.21	0.00011
-28.28	-169.71	0.00019	-35.36	-162.63	0.00019
-42.43	-155.56	0.00019	-49.50	-148.49	0.00019

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-141.42	0.00019	-63.64	-134.35	0.00019
-70.71	-127.28	0.00020	-77.78	-120.21	0.00020
-81.32	-116.67	0.00020	-84.85	-113.14	0.00020
-86.97	-111.02	0.00019	-88.39	-109.60	0.00019
-89.80	-108.19	0.00019	-91.22	-106.77	0.00018
-92.63	-105.36	0.00018	-105.36	-92.63	0.00016
-106.77	-91.22	0.00016	-108.19	-89.80	0.00016
-109.60	-88.39	0.00016	-111.02	-86.97	0.00015
-113.14	-84.85	0.00015	-116.67	-81.32	0.00015
-120.21	-77.78	0.00014	-127.28	-70.71	0.00014
-134.35	-63.64	0.00013	-141.42	-56.57	0.00013
-148.49	-49.50	0.00012	-155.56	-42.43	0.00012
-162.63	-35.36	0.00011	-169.71	-28.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**MODELOPTs:
 PAGE 78

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	0.00016	-42.43	-169.71	0.00016
-49.50	-162.63	0.00016	-56.57	-155.56	0.00016
-63.64	-148.49	0.00017	-70.71	-141.42	0.00017
-77.78	-134.35	0.00017	-84.85	-127.28	0.00018
-88.39	-123.74	0.00017	-91.92	-120.21	0.00017
-94.05	-118.09	0.00017	-95.46	-116.67	0.00017
-96.87	-115.26	0.00016	-98.29	-113.84	0.00016
-99.70	-112.43	0.00016	-112.43	-99.70	0.00014
-113.84	-98.29	0.00014	-115.26	-96.87	0.00014
-116.67	-95.46	0.00014	-118.09	-94.05	0.00014
-120.21	-91.92	0.00014	-123.74	-88.39	0.00013
-127.28	-84.85	0.00013	-134.35	-77.78	0.00012
-141.42	-70.71	0.00012	-148.49	-63.64	0.00012
-155.56	-56.57	0.00011	-162.63	-49.50	0.00011
-169.71	-42.43	0.00010	-176.78	-35.36	0.00009
-42.43	-183.85	0.00014	-49.50	-176.78	0.00014
-56.57	-169.71	0.00014	-63.64	-162.63	0.00015
-70.71	-155.56	0.00015	-77.78	-148.49	0.00015
-84.85	-141.42	0.00015	-91.92	-134.35	0.00016
-95.46	-130.81	0.00015	-98.99	-127.28	0.00015
-101.12	-125.16	0.00015	-102.53	-123.74	0.00015

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-103.94	-122.33	0.00014	-105.36	-120.92	0.00014
-106.77	-119.50	0.00014	-119.50	-106.77	0.00012
-120.92	-105.36	0.00012	-122.33	-103.94	0.00012
-123.74	-102.53	0.00012	-125.16	-101.12	0.00012
-127.28	-98.99	0.00012	-130.81	-95.46	0.00012
-134.35	-91.92	0.00012	-141.42	-84.85	0.00011
-148.49	-77.78	0.00011	-155.56	-70.71	0.00010
-162.63	-63.64	0.00010	-169.71	-56.57	0.00010
-176.78	-49.50	0.00009	-183.85	-42.43	0.00009
-49.50	-190.92	0.00013	-56.57	-183.85	0.00013
-63.64	-176.78	0.00013	-70.71	-169.71	0.00013
-77.78	-162.63	0.00013	-84.85	-155.56	0.00014
-91.92	-148.49	0.00014	-98.99	-141.42	0.00014
-102.53	-137.89	0.00014	-106.07	-134.35	0.00013
-108.19	-132.23	0.00013	-109.60	-130.81	0.00013
-111.02	-129.40	0.00013	-112.43	-127.99	0.00013
-113.84	-126.57	0.00012	-126.57	-113.84	0.00011
-127.99	-112.43	0.00011	-129.40	-111.02	0.00011
-130.81	-109.60	0.00011	-132.23	-108.19	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23
 **MODELOPTs:
 PAGE 79
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00011	-137.89	-102.53	0.00011
-141.42	-98.99	0.00010	-148.49	-91.92	0.00010
-155.56	-84.85	0.00009	-162.63	-77.78	0.00009
-169.71	-70.71	0.00009	-176.78	-63.64	0.00009
-183.85	-56.57	0.00009	-190.92	-49.50	0.00008
-56.57	-197.99	0.00011	-63.64	-190.92	0.00011
-70.71	-183.85	0.00012	-77.78	-176.78	0.00012
-84.85	-169.71	0.00012	-91.92	-162.63	0.00012
-98.99	-155.56	0.00013	-106.07	-148.49	0.00012
-109.60	-144.96	0.00012	-113.14	-141.42	0.00012
-115.26	-139.30	0.00012	-116.67	-137.89	0.00012
-118.09	-136.47	0.00011	-119.50	-135.06	0.00011
-120.92	-133.64	0.00011	-133.64	-120.92	0.00010
-135.06	-119.50	0.00010	-136.47	-118.09	0.00010
-137.89	-116.67	0.00010	-139.30	-115.26	0.00010

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00010	-144.96	-109.60	0.00010
-148.49	-106.07	0.00009	-155.56	-98.99	0.00009
-162.63	-91.92	0.00009	-169.71	-84.85	0.00008
-176.78	-77.78	0.00008	-183.85	-70.71	0.00008
-190.92	-63.64	0.00008	-197.99	-56.57	0.00008
-63.64	-205.06	0.00010	-70.71	-197.99	0.00010
-77.78	-190.92	0.00011	-84.85	-183.85	0.00011
-91.92	-176.78	0.00011	-98.99	-169.71	0.00011
-106.07	-162.63	0.00011	-113.14	-155.56	0.00011
-116.67	-152.03	0.00011	-120.21	-148.49	0.00011
-122.33	-146.37	0.00011	-123.74	-144.96	0.00010
-125.16	-143.54	0.00010	-126.57	-142.13	0.00010
-127.99	-140.71	0.00010	-140.71	-127.99	0.00009
-142.13	-126.57	0.00009	-143.54	-125.16	0.00009
-144.96	-123.74	0.00009	-146.37	-122.33	0.00009
-148.49	-120.21	0.00009	-152.03	-116.67	0.00009
-155.56	-113.14	0.00009	-162.63	-106.07	0.00008
-169.71	-98.99	0.00008	-176.78	-91.92	0.00008
-183.85	-84.85	0.00008	-190.92	-77.78	0.00007
-197.99	-70.71	0.00007	-205.06	-63.64	0.00007
-70.71	-212.13	0.00009	-77.78	-205.06	0.00010
-84.85	-197.99	0.00010	-91.92	-190.92	0.00010
-98.99	-183.85	0.00010	-106.07	-176.78	0.00010
-113.14	-169.71	0.00010	-120.21	-162.63	0.00010
-123.74	-159.10	0.00010	-127.28	-155.56	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00010	-130.81	-152.03	0.00009
-132.23	-150.61	0.00009	-133.64	-149.20	0.00009
-135.06	-147.79	0.00009	-147.79	-135.06	0.00008
-149.20	-133.64	0.00008	-150.61	-132.23	0.00008
-152.03	-130.81	0.00008	-153.44	-129.40	0.00008
-155.56	-127.28	0.00008	-159.10	-123.74	0.00008
-162.63	-120.21	0.00008	-169.71	-113.14	0.00008
-176.78	-106.07	0.00007	-183.85	-98.99	0.00007
-190.92	-91.92	0.00007	-197.99	-84.85	0.00007

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-77.78	0.00007	-212.13	-70.71	0.00007
-77.78	-219.20	0.00009	-84.85	-212.13	0.00009
-91.92	-205.06	0.00009	-98.99	-197.99	0.00009
-106.07	-190.92	0.00009	-113.14	-183.85	0.00009
-120.21	-176.78	0.00009	-127.28	-169.71	0.00009
-130.81	-166.17	0.00009	-134.35	-162.63	0.00009
-136.47	-160.51	0.00009	-137.89	-159.10	0.00009
-139.30	-157.68	0.00008	-140.71	-156.27	0.00008
-142.13	-154.86	0.00008	-154.86	-142.13	0.00008
-156.27	-140.71	0.00008	-157.68	-139.30	0.00007
-159.10	-137.89	0.00007	-160.51	-136.47	0.00007
-162.63	-134.35	0.00007	-166.17	-130.81	0.00007
-169.71	-127.28	0.00007	-176.78	-120.21	0.00007
-183.85	-113.14	0.00007	-190.92	-106.07	0.00006
-197.99	-98.99	0.00006	-205.06	-91.92	0.00006
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00008	-91.92	-219.20	0.00008
-98.99	-212.13	0.00008	-106.07	-205.06	0.00008
-113.14	-197.99	0.00009	-120.21	-190.92	0.00009
-127.28	-183.85	0.00009	-134.35	-176.78	0.00008
-137.89	-173.24	0.00008	-141.42	-169.71	0.00008
-143.54	-167.58	0.00008	-144.96	-166.17	0.00008
-146.37	-164.76	0.00008	-147.79	-163.34	0.00008
-149.20	-161.93	0.00008	-161.93	-149.20	0.00007
-163.34	-147.79	0.00007	-164.76	-146.37	0.00007
-166.17	-144.96	0.00007	-167.58	-143.54	0.00007
-169.71	-141.42	0.00007	-173.24	-137.89	0.00007
-176.78	-134.35	0.00007	-183.85	-127.28	0.00006
-190.92	-120.21	0.00006	-197.99	-113.14	0.00006
-205.06	-106.07	0.00006	-212.13	-98.99	0.00006
-219.20	-91.92	0.00006	-226.27	-84.85	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23
 **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	0.00007	-98.99	-226.27	0.00007
-106.07	-219.20	0.00008	-113.14	-212.13	0.00008
-120.21	-205.06	0.00008	-127.28	-197.99	0.00008

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-134.35	-190.92	0.00008	-141.42	-183.85	0.00008
-144.96	-180.31	0.00008	-148.49	-176.78	0.00007
-150.61	-174.66	0.00007	-152.03	-173.24	0.00007
-153.44	-171.83	0.00007	-154.86	-170.41	0.00007
-156.27	-169.00	0.00007	-169.00	-156.27	0.00006
-170.41	-154.86	0.00006	-171.83	-153.44	0.00006
-173.24	-152.03	0.00006	-174.66	-150.61	0.00006
-176.78	-148.49	0.00006	-180.31	-144.96	0.00006
-183.85	-141.42	0.00006	-190.92	-134.35	0.00006
-197.99	-127.28	0.00006	-205.06	-120.21	0.00006
-212.13	-113.14	0.00005	-219.20	-106.07	0.00005
-226.27	-98.99	0.00005	-233.35	-91.92	0.00005
-98.99	-240.42	0.00007	-106.07	-233.35	0.00007
-113.14	-226.27	0.00007	-120.21	-219.20	0.00007
-127.28	-212.13	0.00007	-134.35	-205.06	0.00007
-141.42	-197.99	0.00007	-148.49	-190.92	0.00007
-152.03	-187.38	0.00007	-155.56	-183.85	0.00007
-157.68	-181.73	0.00007	-159.10	-180.31	0.00007
-160.51	-178.90	0.00007	-161.93	-177.48	0.00006
-163.34	-176.07	0.00006	-176.07	-163.34	0.00006
-177.48	-161.93	0.00006	-178.90	-160.51	0.00006
-180.31	-159.10	0.00006	-181.73	-157.68	0.00006
-183.85	-155.56	0.00006	-187.38	-152.03	0.00006
-190.92	-148.49	0.00006	-197.99	-141.42	0.00006
-205.06	-134.35	0.00005	-212.13	-127.28	0.00005
-219.20	-120.21	0.00005	-226.27	-113.14	0.00005
-233.35	-106.07	0.00005	-240.42	-98.99	0.00005
-106.07	-247.49	0.00006	-113.14	-240.42	0.00006
-120.21	-233.35	0.00007	-127.28	-226.27	0.00007
-134.35	-219.20	0.00007	-141.42	-212.13	0.00007
-148.49	-205.06	0.00007	-155.56	-197.99	0.00007
-159.10	-194.45	0.00006	-162.63	-190.92	0.00006
-164.76	-188.80	0.00006	-166.17	-187.38	0.00006
-167.58	-185.97	0.00006	-169.00	-184.55	0.00006
-170.41	-183.14	0.00006	-183.14	-170.41	0.00005
-184.55	-169.00	0.00005	-185.97	-167.58	0.00005
-187.38	-166.17	0.00005	-188.80	-164.76	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

19NCRA_SR04-300_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	0.00005	-194.45	-159.10	0.00005
-197.99	-155.56	0.00005	-205.06	-148.49	0.00005
-212.13	-141.42	0.00005	-219.20	-134.35	0.00005
-226.27	-127.28	0.00005	-233.35	-120.21	0.00005
-240.42	-113.14	0.00004	-247.49	-106.07	0.00004

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00035	240.42	113.14	0.00037
233.35	120.21	0.00040	226.27	127.28	0.00043
219.20	134.35	0.00046	212.13	141.42	0.00050
205.06	148.49	0.00054	197.99	155.56	0.00059
194.45	159.10	0.00061	190.92	162.63	0.00063
188.80	164.76	0.00064	187.38	166.17	0.00065
185.97	167.58	0.00065	184.55	169.00	0.00066
183.14	170.41	0.00066	170.41	183.14	0.00069
169.00	184.55	0.00069	167.58	185.97	0.00069
166.17	187.38	0.00069	164.76	188.80	0.00068
162.63	190.92	0.00068	159.10	194.45	0.00068
155.56	197.99	0.00067	148.49	205.06	0.00065
141.42	212.13	0.00063	134.35	219.20	0.00062
127.28	226.27	0.00062	120.21	233.35	0.00061
113.14	240.42	0.00061	106.07	247.49	0.00061
240.42	98.99	0.00037	233.35	106.07	0.00040
226.27	113.14	0.00043	219.20	120.21	0.00047
212.13	127.28	0.00051	205.06	134.35	0.00055
197.99	141.42	0.00060	190.92	148.49	0.00065
187.38	152.03	0.00068	183.85	155.56	0.00070
181.73	157.68	0.00072	180.31	159.10	0.00072
178.90	160.51	0.00073	177.48	161.93	0.00074
176.07	163.34	0.00075	163.34	176.07	0.00078
161.93	177.48	0.00078	160.51	178.90	0.00078
159.10	180.31	0.00078	157.68	181.73	0.00077
155.56	183.85	0.00077	152.03	187.38	0.00076

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00075	141.42	197.99	0.00073
134.35	205.06	0.00071	127.28	212.13	0.00070
120.21	219.20	0.00070	113.14	226.27	0.00070
106.07	233.35	0.00069	98.99	240.42	0.00069
233.35	91.92	0.00040	226.27	98.99	0.00044
219.20	106.07	0.00047	212.13	113.14	0.00051
205.06	120.21	0.00056	197.99	127.28	0.00061
190.92	134.35	0.00066	183.85	141.42	0.00073
180.31	144.96	0.00076	176.78	148.49	0.00079
174.66	150.61	0.00081	173.24	152.03	0.00082
171.83	153.44	0.00083	170.41	154.86	0.00084
169.00	156.27	0.00085	156.27	169.00	0.00089
154.86	170.41	0.00089	153.44	171.83	0.00088
152.03	173.24	0.00088	150.61	174.66	0.00088

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00087	144.96	180.31	0.00086
141.42	183.85	0.00085	134.35	190.92	0.00083
127.28	197.99	0.00081	120.21	205.06	0.00080
113.14	212.13	0.00080	106.07	219.20	0.00079
99.00	226.27	0.00079	91.92	233.35	0.00078
226.27	84.85	0.00044	219.20	91.92	0.00047
212.13	98.99	0.00051	205.06	106.07	0.00056
197.99	113.14	0.00061	190.92	120.21	0.00067
183.85	127.28	0.00074	176.78	134.35	0.00082
173.24	137.89	0.00086	169.71	141.42	0.00090
167.58	143.54	0.00092	166.17	144.96	0.00093
164.76	146.37	0.00095	163.34	147.79	0.00096
161.93	149.20	0.00097	149.20	161.93	0.00102
147.79	163.34	0.00102	146.37	164.76	0.00102
144.96	166.17	0.00101	143.54	167.58	0.00101
141.42	169.71	0.00100	137.89	173.24	0.00099
134.35	176.78	0.00097	127.28	183.85	0.00095
120.21	190.92	0.00093	113.14	197.99	0.00092
106.07	205.06	0.00092	99.00	212.13	0.00092
91.92	219.20	0.00091	84.85	226.27	0.00089

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00048	212.13	84.85	0.00052
205.06	91.92	0.00056	197.99	98.99	0.00061
190.92	106.07	0.00068	183.85	113.14	0.00075
176.78	120.21	0.00083	169.71	127.28	0.00092
166.17	130.81	0.00097	162.63	134.35	0.00102
160.51	136.47	0.00105	159.10	137.89	0.00107
157.68	139.30	0.00109	156.27	140.71	0.00111
154.86	142.13	0.00112	142.13	154.86	0.00118
140.71	156.27	0.00118	139.30	157.68	0.00118
137.89	159.10	0.00117	136.47	160.51	0.00117
134.35	162.63	0.00116	130.81	166.17	0.00114
127.28	169.71	0.00112	120.21	176.78	0.00110
113.14	183.85	0.00108	106.07	190.92	0.00108
99.00	197.99	0.00108	91.92	205.06	0.00107
84.85	212.13	0.00105	77.78	219.20	0.00102
212.13	70.71	0.00053	205.06	77.78	0.00057
197.99	84.85	0.00062	190.92	91.92	0.00068
183.85	98.99	0.00075	176.78	106.07	0.00083
169.71	113.14	0.00093	162.63	120.21	0.00104
159.10	123.74	0.00111	155.56	127.28	0.00117

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00121	152.03	130.81	0.00124
150.61	132.23	0.00126	149.20	133.64	0.00129
147.79	135.06	0.00131	135.06	147.79	0.00139
133.64	149.20	0.00139	132.23	150.61	0.00138
130.81	152.03	0.00138	129.40	153.44	0.00137
127.28	155.56	0.00136	123.74	159.10	0.00133
120.21	162.63	0.00132	113.14	169.71	0.00129
106.07	176.78	0.00128	98.99	183.85	0.00128
91.92	190.92	0.00127	84.85	197.99	0.00125
77.78	205.06	0.00121	70.71	212.13	0.00116
205.06	63.64	0.00059	197.99	70.71	0.00064
190.92	77.78	0.00069	183.85	84.85	0.00076
176.78	91.92	0.00083	169.71	98.99	0.00093
162.63	106.07	0.00105	155.56	113.14	0.00119

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00127	148.49	120.21	0.00136
146.37	122.33	0.00141	144.96	123.74	0.00144
143.54	125.16	0.00148	142.13	126.57	0.00151
140.71	127.99	0.00154	127.99	140.71	0.00166
126.57	142.13	0.00165	125.16	143.54	0.00165
123.74	144.96	0.00164	122.33	146.37	0.00163
120.21	148.49	0.00161	116.67	152.03	0.00159
113.14	155.56	0.00157	106.07	162.63	0.00155
98.99	169.71	0.00155	91.92	176.78	0.00154
84.85	183.85	0.00151	77.78	190.92	0.00146
70.71	197.99	0.00139	63.64	205.06	0.00131
197.99	56.57	0.00066	190.92	63.64	0.00072
183.85	70.71	0.00078	176.78	77.78	0.00086
169.71	84.85	0.00094	162.63	91.92	0.00105
155.56	98.99	0.00119	148.49	106.07	0.00136
144.96	109.60	0.00146	141.42	113.14	0.00157
139.30	115.26	0.00165	137.89	116.67	0.00169
136.47	118.09	0.00174	135.06	119.50	0.00179
133.64	120.92	0.00184	120.92	133.64	0.00201
119.50	135.06	0.00200	118.09	136.47	0.00199
116.67	137.89	0.00197	115.26	139.30	0.00196
113.14	141.42	0.00194	109.60	144.96	0.00192
106.07	148.49	0.00191	98.99	155.56	0.00191
91.92	162.63	0.00190	84.85	169.71	0.00186
77.78	176.78	0.00179	70.71	183.85	0.00170
63.64	190.92	0.00158	56.57	197.99	0.00147

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

04/18/08

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

20:39:23

**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	0.00073	183.85	56.57	0.00080
176.78	63.64	0.00088	169.71	70.71	0.00097
162.63	77.78	0.00108	155.56	84.85	0.00120
148.49	91.92	0.00135	141.42	98.99	0.00156
137.89	102.53	0.00169	134.35	106.07	0.00184
132.23	108.19	0.00193	130.81	109.60	0.00200
129.40	111.02	0.00207	127.99	112.43	0.00214
126.57	113.84	0.00221	113.84	126.57	0.00247

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00246	111.02	129.40	0.00245
109.60	130.81	0.00244	108.19	132.23	0.00242
106.07	134.35	0.00241	102.53	137.89	0.00241
98.99	141.42	0.00241	91.92	148.49	0.00241
84.85	155.56	0.00236	77.78	162.63	0.00225
70.71	169.71	0.00210	63.64	176.78	0.00194
56.57	183.85	0.00177	49.50	190.92	0.00161
183.85	42.43	0.00081	176.78	49.50	0.00089
169.71	56.57	0.00099	162.63	63.64	0.00111
155.56	70.71	0.00124	148.49	77.78	0.00139
141.42	84.85	0.00157	134.35	91.92	0.00180
130.81	95.46	0.00196	127.28	98.99	0.00215
125.16	101.12	0.00228	123.74	102.53	0.00237
122.33	103.94	0.00247	120.92	105.36	0.00257
119.50	106.77	0.00268	106.77	119.50	0.00313
105.36	120.92	0.00312	103.94	122.33	0.00311
102.53	123.74	0.00311	101.12	125.16	0.00311
98.99	127.28	0.00312	95.46	130.81	0.00314
91.92	134.35	0.00314	84.85	141.42	0.00307
77.78	148.49	0.00289	70.71	155.56	0.00266
63.64	162.63	0.00241	56.57	169.71	0.00217
49.50	176.78	0.00194	42.43	183.85	0.00174
176.78	35.36	0.00090	169.71	42.43	0.00100
162.63	49.50	0.00112	155.56	56.57	0.00126
148.49	63.64	0.00142	141.42	70.71	0.00161
134.35	77.78	0.00184	127.28	84.85	0.00213
123.74	88.39	0.00231	120.21	91.92	0.00252
118.09	94.05	0.00268	116.67	95.46	0.00281
115.26	96.87	0.00295	113.84	98.29	0.00310
112.43	99.70	0.00326	99.70	112.43	0.00416
98.29	113.84	0.00417	96.87	115.26	0.00419
95.46	116.67	0.00422	94.05	118.09	0.00424

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00425	88.39	123.74	0.00422
84.85	127.28	0.00413	77.78	134.35	0.00381

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00343	63.64	148.49	0.00305
56.57	155.56	0.00269	49.50	162.63	0.00237
42.43	169.71	0.00208	35.36	176.78	0.00183
169.71	28.28	0.00099	162.63	35.36	0.00111
155.56	42.43	0.00126	148.49	49.50	0.00143
141.42	56.57	0.00163	134.35	63.64	0.00188
127.28	70.71	0.00217	120.21	77.78	0.00253
116.67	81.32	0.00276	113.14	84.85	0.00303
111.02	86.97	0.00323	109.60	88.39	0.00339
108.19	89.80	0.00357	106.77	91.22	0.00378
105.36	92.63	0.00403	92.63	105.36	0.00609
91.22	106.77	0.00608	89.80	108.19	0.00602
88.39	109.60	0.00594	86.97	111.02	0.00585
84.85	113.14	0.00569	81.32	116.67	0.00540
77.78	120.21	0.00509	70.71	127.28	0.00446
63.64	134.35	0.00388	56.57	141.42	0.00335
49.50	148.49	0.00289	42.43	155.56	0.00250
35.36	162.63	0.00216	28.28	169.71	0.00188
162.63	21.21	0.00107	155.56	28.28	0.00122
148.49	35.36	0.00139	141.42	42.43	0.00160
134.35	49.50	0.00185	127.28	56.57	0.00215
120.21	63.64	0.00253	113.14	70.71	0.00300
109.60	74.25	0.00330	106.07	77.78	0.00368
103.94	79.90	0.00395	102.53	81.32	0.00417
101.12	82.73	0.00442	99.70	84.15	0.00474
98.29	85.56	0.00514	85.56	98.29	0.00754
84.15	99.70	0.00729	82.73	101.12	0.00707
81.32	102.53	0.00687	79.90	103.94	0.00669
77.78	106.07	0.00643	74.25	109.60	0.00600
70.71	113.14	0.00557	63.64	120.21	0.00479
56.57	127.28	0.00409	49.50	134.35	0.00349
42.43	141.42	0.00297	35.36	148.49	0.00253
28.28	155.56	0.00216	21.21	162.63	0.00186
155.56	14.14	0.00115	148.49	21.21	0.00131
141.42	28.28	0.00151	134.35	35.36	0.00175
127.28	42.43	0.00204	120.21	49.50	0.00240
113.14	56.57	0.00282	106.07	63.64	0.00335
102.53	67.18	0.00367	98.99	70.71	0.00406

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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

19NCRA_SR04-300_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	0.00433	95.46	74.25	0.00453
94.05	75.66	0.00476	92.63	77.07	0.00504
91.22	78.49	0.00539	78.49	91.22	0.00751
77.07	92.63	0.00725	75.66	94.05	0.00704
74.25	95.46	0.00685	72.83	96.87	0.00668
70.71	98.99	0.00643	67.18	102.53	0.00601
63.64	106.07	0.00560	56.57	113.14	0.00481
49.50	120.21	0.00409	42.43	127.28	0.00346
35.36	134.35	0.00292	28.28	141.42	0.00246
21.21	148.49	0.00209	14.14	155.56	0.00178
148.49	7.07	0.00120	141.42	14.14	0.00139
134.35	21.21	0.00161	127.28	28.28	0.00186
120.21	35.36	0.00217	113.14	42.43	0.00254
106.07	49.50	0.00299	98.99	56.57	0.00351
95.46	60.10	0.00380	91.92	63.64	0.00413
89.80	65.76	0.00436	88.39	67.18	0.00454
86.97	68.59	0.00474	85.56	70.00	0.00499
84.15	71.42	0.00533	71.42	84.15	0.00737
70.00	85.56	0.00710	68.59	86.97	0.00689
67.18	88.39	0.00670	65.76	89.80	0.00652
63.64	91.92	0.00627	60.10	95.46	0.00585
56.57	98.99	0.00545	49.50	106.07	0.00467
42.43	113.14	0.00394	35.36	120.21	0.00330
28.28	127.28	0.00276	21.21	134.35	0.00232
14.14	141.42	0.00195	7.07	148.49	0.00165
141.42	0.00	0.00123	134.35	7.07	0.00142
127.28	14.14	0.00164	120.21	21.21	0.00191
113.14	28.28	0.00224	106.07	35.36	0.00261
98.99	42.43	0.00304	91.92	49.50	0.00350
88.39	53.03	0.00375	84.85	56.57	0.00403
82.73	58.69	0.00424	81.32	60.10	0.00440
79.90	61.52	0.00460	78.49	62.93	0.00484
77.07	64.35	0.00516	64.35	77.07	0.00712
62.93	78.49	0.00686	61.52	79.90	0.00665
60.10	81.32	0.00646	58.69	82.73	0.00628
56.57	84.85	0.00602	53.03	88.39	0.00561
49.50	91.92	0.00520	42.43	98.99	0.00441
35.36	106.07	0.00368	28.28	113.14	0.00305
21.21	120.21	0.00252	14.14	127.28	0.00210
7.07	134.35	0.00176	0.00	141.42	0.00149

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

20:39:23

**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	0.00123	127.28	0.00	0.00141
120.21	7.07	0.00164	113.14	14.14	0.00191
106.07	21.21	0.00223	98.99	28.28	0.00259
91.92	35.36	0.00297	84.85	42.43	0.00337
81.32	45.96	0.00359	77.78	49.50	0.00385
75.66	51.62	0.00403	74.25	53.03	0.00418
72.83	54.45	0.00436	71.42	55.86	0.00458
70.00	57.28	0.00488	57.28	70.00	0.00677
55.86	71.42	0.00651	54.45	72.83	0.00630
53.03	74.25	0.00611	51.62	75.66	0.00593
49.50	77.78	0.00568	45.96	81.32	0.00526
42.43	84.85	0.00484	35.36	91.92	0.00402
28.28	98.99	0.00329	21.21	106.07	0.00269
14.14	113.14	0.00221	7.07	120.21	0.00183
0.00	127.28	0.00154	-7.07	134.35	0.00130
127.28	-14.14	0.00120	120.21	-7.07	0.00138
113.14	0.00	0.00160	106.07	7.07	0.00185
98.99	14.14	0.00215	91.92	21.21	0.00248
84.85	28.28	0.00283	77.78	35.36	0.00318
74.25	38.89	0.00337	70.71	42.43	0.00358
68.59	44.55	0.00374	67.18	45.96	0.00387
65.76	47.38	0.00403	64.35	48.79	0.00423
62.93	50.20	0.00449	50.20	62.93	0.00626
48.79	64.35	0.00601	47.38	65.76	0.00580
45.96	67.18	0.00561	44.55	68.59	0.00543
42.43	70.71	0.00517	38.89	74.25	0.00474
35.36	77.78	0.00430	28.28	84.85	0.00347
21.21	91.92	0.00279	14.14	98.99	0.00225
7.07	106.07	0.00184	0.00	113.14	0.00153
-7.07	120.21	0.00129	-14.14	127.28	0.00110
120.21	-21.21	0.00116	113.14	-14.14	0.00132
106.07	-7.07	0.00152	98.99	0.00	0.00175
91.92	7.07	0.00200	84.85	14.14	0.00229
77.78	21.21	0.00260	70.71	28.28	0.00291

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00307	63.64	35.36	0.00324
61.52	37.48	0.00337	60.10	38.89	0.00347
58.69	40.31	0.00359	57.28	41.72	0.00376
55.86	43.13	0.00398	43.13	55.86	0.00554
41.72	57.28	0.00528	40.31	58.69	0.00507
38.89	60.10	0.00487	37.48	61.52	0.00468

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00440	31.82	67.18	0.00394
28.28	70.71	0.00350	21.21	77.78	0.00275
14.14	84.85	0.00218	7.07	91.92	0.00177
0.00	98.99	0.00146	-7.07	106.07	0.00122
-14.14	113.14	0.00104	-21.21	120.21	0.00089
113.14	-28.28	0.00109	106.07	-21.21	0.00123
98.99	-14.14	0.00140	91.92	-7.07	0.00159
84.85	0.00	0.00181	77.78	7.07	0.00204
70.71	14.14	0.00228	63.64	21.21	0.00254
60.10	24.75	0.00267	56.57	28.28	0.00281
54.45	30.41	0.00290	53.03	31.82	0.00297
51.62	33.23	0.00305	50.20	34.65	0.00316
48.79	36.06	0.00333	36.06	48.79	0.00443
34.65	50.20	0.00415	33.23	51.62	0.00390
31.82	53.03	0.00367	30.41	54.45	0.00346
28.28	56.57	0.00317	24.75	60.10	0.00277
21.21	63.64	0.00243	14.14	70.71	0.00192
7.07	77.78	0.00156	0.00	84.85	0.00129
-7.07	91.92	0.00108	-14.14	98.99	0.00092
-21.21	106.07	0.00080	-28.28	113.14	0.00070
106.07	-35.36	0.00099	98.99	-28.28	0.00111
91.92	-21.21	0.00125	84.85	-14.14	0.00139
77.78	-7.07	0.00155	70.71	0.00	0.00172
63.64	7.07	0.00190	56.57	14.14	0.00206
53.03	17.68	0.00213	49.50	21.21	0.00221
47.38	23.33	0.00225	45.96	24.75	0.00229
44.55	26.16	0.00233	43.13	27.58	0.00239
41.72	28.99	0.00248	28.99	41.72	0.00237

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00212	26.16	44.55	0.00194
24.75	45.96	0.00182	23.33	47.38	0.00172
21.21	49.50	0.00161	17.68	53.03	0.00146
14.14	56.57	0.00135	7.07	63.64	0.00115
0.00	70.71	0.00099	-7.07	77.78	0.00086
-14.14	84.85	0.00076	-21.21	91.92	0.00067
-28.28	98.99	0.00060	-35.36	106.07	0.00053
98.99	-42.43	0.00089	91.92	-35.36	0.00098
84.85	-28.28	0.00107	77.78	-21.21	0.00118
70.71	-14.14	0.00128	63.64	-7.07	0.00138
56.57	0.00	0.00146	49.50	7.07	0.00149
45.96	10.61	0.00148	42.43	14.14	0.00145

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 91
 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	0.00141	38.89	17.68	0.00138
37.48	19.09	0.00134	36.06	20.51	0.00129
34.65	21.92	0.00124	21.92	34.65	0.00077
20.51	36.06	0.00075	19.09	37.48	0.00074
17.68	38.89	0.00073	16.26	40.31	0.00073
14.14	42.43	0.00072	10.61	45.96	0.00072
7.07	49.50	0.00071	0.00	56.57	0.00068
-7.07	63.64	0.00063	-14.14	70.71	0.00058
-21.21	77.78	0.00053	-28.28	84.85	0.00048
-35.36	91.92	0.00044	-42.43	98.99	0.00041
91.92	-49.50	0.00077	84.85	-42.43	0.00083
77.78	-35.36	0.00090	70.71	-28.28	0.00096
63.64	-21.21	0.00101	56.57	-14.14	0.00105
49.50	-7.07	0.00105	42.43	0.00	0.00102
38.89	3.54	0.00098	35.36	7.07	0.00092
33.23	9.19	0.00088	31.82	10.61	0.00086
30.41	12.02	0.00084	28.99	13.44	0.00082
27.58	14.85	0.00080	14.85	27.58	0.00059
13.44	28.99	0.00058	12.02	30.41	0.00057
10.61	31.82	0.00056	9.19	33.23	0.00055
7.07	35.36	0.00053	3.54	38.89	0.00051
0.00	42.43	0.00049	-7.07	49.50	0.00047

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00044	-21.21	63.64	0.00041
-28.28	70.71	0.00039	-35.36	77.78	0.00036
-42.43	84.85	0.00034	-49.50	91.92	0.00032
84.85	-56.57	0.00066	77.78	-49.50	0.00070
70.71	-42.43	0.00073	63.64	-35.36	0.00076
56.57	-28.28	0.00078	49.50	-21.21	0.00079
42.43	-14.14	0.00076	35.36	-7.07	0.00071
31.82	-3.54	0.00068	28.28	0.00	0.00066
26.16	2.12	0.00065	24.75	3.54	0.00065
23.33	4.95	0.00064	21.92	6.36	0.00063
20.51	7.78	0.00062	7.78	20.51	0.00048
6.36	21.92	0.00047	4.95	23.33	0.00046
3.54	24.75	0.00046	2.12	26.16	0.00045
0.00	28.28	0.00044	-3.54	31.82	0.00042
-7.07	35.36	0.00040	-14.14	42.43	0.00037
-21.21	49.50	0.00034	-28.28	56.57	0.00032
-35.36	63.64	0.00030	-42.43	70.71	0.00028
-49.50	77.78	0.00027	-56.57	84.85	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 92
 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	0.00056	70.71	-56.57	0.00058
63.64	-49.50	0.00060	56.57	-42.43	0.00061
49.50	-35.36	0.00061	42.43	-28.28	0.00059
35.36	-21.21	0.00056	28.28	-14.14	0.00053
24.75	-10.61	0.00052	21.21	-7.07	0.00052
19.09	-4.95	0.00052	17.68	-3.54	0.00052
16.26	-2.12	0.00052	14.85	-0.71	0.00051
13.44	0.71	0.00050	0.71	13.44	0.00040
-0.71	14.85	0.00039	-2.12	16.26	0.00038
-3.54	17.68	0.00038	-4.95	19.09	0.00037
-7.07	21.21	0.00037	-10.61	24.75	0.00036
-14.14	28.28	0.00034	-21.21	35.36	0.00031
-28.28	42.43	0.00029	-35.36	49.50	0.00026
-42.43	56.57	0.00024	-49.50	63.64	0.00023
-56.57	70.71	0.00022	-63.64	77.78	0.00020
70.71	-70.71	0.00047	63.64	-63.64	0.00048

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00049	49.50	-49.50	0.00048
42.43	-42.43	0.00047	35.36	-35.36	0.00045
28.28	-28.28	0.00043	21.21	-21.21	0.00043
17.68	-17.68	0.00043	14.14	-14.14	0.00043
12.02	-12.02	0.00043	10.61	-10.61	0.00043
9.19	-9.19	0.00042	7.78	-7.78	0.00042
6.36	-6.36	0.00041	-6.36	6.36	0.00033
-7.78	7.78	0.00033	-9.19	9.19	0.00032
-10.61	10.61	0.00032	-12.02	12.02	0.00031
-14.14	14.14	0.00031	-17.68	17.68	0.00030
-21.21	21.21	0.00029	-28.28	28.28	0.00027
-35.36	35.36	0.00025	-42.43	42.43	0.00023
-49.50	49.50	0.00021	-56.57	56.57	0.00019
-63.64	63.64	0.00018	-70.71	70.71	0.00017
63.64	-77.78	0.00039	56.57	-70.71	0.00039
49.50	-63.64	0.00039	42.43	-56.57	0.00038
35.36	-49.50	0.00036	28.28	-42.43	0.00035
21.21	-35.36	0.00035	14.14	-28.28	0.00036
10.61	-24.75	0.00036	7.07	-21.21	0.00036
4.95	-19.09	0.00036	3.54	-17.68	0.00036
2.12	-16.26	0.00035	0.71	-14.85	0.00035
-0.71	-13.44	0.00034	-13.44	-0.71	0.00028
-14.85	0.71	0.00028	-16.26	2.12	0.00028
-17.68	3.54	0.00027	-19.09	4.95	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00026	-24.75	10.61	0.00025
-28.28	14.14	0.00025	-35.36	21.21	0.00024
-42.43	28.28	0.00022	-49.50	35.36	0.00020
-56.57	42.43	0.00019	-63.64	49.50	0.00017
-70.71	56.57	0.00016	-77.78	63.64	0.00015
56.57	-84.85	0.00033	49.50	-77.78	0.00032
42.43	-70.71	0.00031	35.36	-63.64	0.00030
28.28	-56.57	0.00030	21.21	-49.50	0.00029
14.14	-42.43	0.00030	7.07	-35.36	0.00030
3.54	-31.82	0.00031	0.00	-28.28	0.00031

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-2.12	-26.16	0.00030	-3.54	-24.75	0.00030
-4.95	-23.33	0.00030	-6.36	-21.92	0.00029
-7.78	-20.51	0.00028	-20.51	-7.78	0.00024
-21.92	-6.36	0.00024	-23.33	-4.95	0.00024
-24.75	-3.54	0.00023	-26.16	-2.12	0.00023
-28.28	0.00	0.00023	-31.82	3.54	0.00022
-35.36	7.07	0.00021	-42.43	14.14	0.00021
-49.50	21.21	0.00019	-56.57	28.28	0.00018
-63.64	35.36	0.00017	-70.71	42.43	0.00015
-77.78	49.50	0.00014	-84.85	56.57	0.00013
49.50	-91.92	0.00027	42.43	-84.85	0.00026
35.36	-77.78	0.00026	28.28	-70.71	0.00025
21.21	-63.64	0.00025	14.14	-56.57	0.00025
7.07	-49.50	0.00026	0.00	-42.43	0.00026
-3.54	-38.89	0.00026	-7.07	-35.36	0.00026
-9.19	-33.23	0.00026	-10.61	-31.82	0.00026
-12.02	-30.41	0.00025	-13.44	-28.99	0.00025
-14.85	-27.58	0.00024	-27.58	-14.85	0.00021
-28.99	-13.44	0.00021	-30.41	-12.02	0.00020
-31.82	-10.61	0.00020	-33.23	-9.19	0.00020
-35.36	-7.07	0.00020	-38.89	-3.54	0.00019
-42.43	0.00	0.00018	-49.50	7.07	0.00018
-56.57	14.14	0.00017	-63.64	21.21	0.00016
-70.71	28.28	0.00015	-77.78	35.36	0.00014
-84.85	42.43	0.00013	-91.92	49.50	0.00012
42.43	-98.99	0.00023	35.36	-91.92	0.00022
28.28	-84.85	0.00022	21.21	-77.78	0.00021
14.14	-70.71	0.00021	7.07	-63.64	0.00022
0.00	-56.57	0.00022	-7.07	-49.50	0.00023
-10.61	-45.96	0.00023	-14.14	-42.43	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00022	-17.68	-38.89	0.00022
-19.09	-37.48	0.00022	-20.51	-36.06	0.00021
-21.92	-34.65	0.00021	-34.65	-21.92	0.00018
-36.06	-20.51	0.00018	-37.48	-19.09	0.00018

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-38.89	-17.68	0.00018	-40.31	-16.26	0.00018
-42.43	-14.14	0.00017	-45.96	-10.61	0.00017
-49.50	-7.07	0.00016	-56.57	0.00	0.00015
-63.64	7.07	0.00015	-70.71	14.14	0.00015
-77.78	21.21	0.00014	-84.85	28.28	0.00013
-91.92	35.36	0.00012	-98.99	42.43	0.00011
35.36	-106.07	0.00019	28.28	-98.99	0.00019
21.21	-91.92	0.00019	14.14	-84.85	0.00019
7.07	-77.78	0.00019	0.00	-70.71	0.00019
-7.07	-63.64	0.00020	-14.14	-56.57	0.00020
-17.68	-53.03	0.00020	-21.21	-49.50	0.00020
-23.33	-47.38	0.00019	-24.75	-45.96	0.00019
-26.16	-44.55	0.00019	-27.58	-43.13	0.00018
-28.99	-41.72	0.00018	-41.72	-28.99	0.00016
-43.13	-27.58	0.00016	-44.55	-26.16	0.00016
-45.96	-24.75	0.00016	-47.38	-23.33	0.00015
-49.50	-21.21	0.00015	-53.03	-17.68	0.00015
-56.57	-14.14	0.00014	-63.64	-7.07	0.00014
-70.71	0.00	0.00013	-77.78	7.07	0.00013
-84.85	14.14	0.00012	-91.92	21.21	0.00012
-98.99	28.28	0.00011	-106.07	35.36	0.00010
28.28	-113.14	0.00016	21.21	-106.07	0.00016
14.14	-98.99	0.00016	7.07	-91.92	0.00016
0.00	-84.85	0.00017	-7.07	-77.78	0.00017
-14.14	-70.71	0.00017	-21.21	-63.64	0.00018
-24.75	-60.10	0.00017	-28.28	-56.57	0.00017
-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	0.00014
-50.20	-34.65	0.00014	-51.62	-33.23	0.00014
-53.03	-31.82	0.00014	-54.45	-30.41	0.00014
-56.57	-28.28	0.00014	-60.10	-24.75	0.00013
-63.64	-21.21	0.00013	-70.71	-14.14	0.00012
-77.78	-7.07	0.00012	-84.85	0.00	0.00012
-91.92	7.07	0.00011	-98.99	14.14	0.00011
-106.07	21.21	0.00010	-113.14	28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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 ***

19NCRA_SR04-300_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	0.00014	14.14	-113.14	0.00014
7.07	-106.07	0.00014	0.00	-98.99	0.00015
-7.07	-91.92	0.00015	-14.14	-84.85	0.00015
-21.21	-77.78	0.00015	-28.28	-70.71	0.00016
-31.82	-67.18	0.00015	-35.36	-63.64	0.00015
-37.48	-61.52	0.00015	-38.89	-60.10	0.00015
-40.31	-58.69	0.00014	-41.72	-57.28	0.00014
-43.13	-55.86	0.00014	-55.86	-43.13	0.00012
-57.28	-41.72	0.00012	-58.69	-40.31	0.00012
-60.10	-38.89	0.00012	-61.52	-37.48	0.00012
-63.64	-35.36	0.00012	-67.18	-31.82	0.00012
-70.71	-28.28	0.00012	-77.78	-21.21	0.00011
-84.85	-14.14	0.00011	-91.92	-7.07	0.00010
-98.99	0.00	0.00010	-106.07	7.07	0.00010
-113.14	14.14	0.00009	-120.21	21.21	0.00009
14.14	-127.28	0.00013	7.07	-120.21	0.00013
0.00	-113.14	0.00013	-7.07	-106.07	0.00013
-14.14	-98.99	0.00013	-21.21	-91.92	0.00014
-28.28	-84.85	0.00014	-35.36	-77.78	0.00014
-38.89	-74.25	0.00014	-42.43	-70.71	0.00013
-44.55	-68.59	0.00013	-45.96	-67.18	0.00013
-47.38	-65.76	0.00013	-48.79	-64.35	0.00013
-50.20	-62.93	0.00012	-62.93	-50.20	0.00011
-64.35	-48.79	0.00011	-65.76	-47.38	0.00011
-67.18	-45.96	0.00011	-68.59	-44.55	0.00011
-70.71	-42.43	0.00011	-74.25	-38.89	0.00011
-77.78	-35.36	0.00010	-84.85	-28.28	0.00010
-91.92	-21.21	0.00009	-98.99	-14.14	0.00009
-106.07	-7.07	0.00009	-113.14	0.00	0.00009
-120.21	7.07	0.00009	-127.28	14.14	0.00008
7.07	-134.35	0.00011	0.00	-127.28	0.00011
-7.07	-120.21	0.00012	-14.14	-113.14	0.00012
-21.21	-106.07	0.00012	-28.28	-98.99	0.00012
-35.36	-91.92	0.00013	-42.43	-84.85	0.00012
-45.96	-81.32	0.00012	-49.50	-77.78	0.00012
-51.62	-75.66	0.00012	-53.03	-74.25	0.00012
-54.45	-72.83	0.00011	-55.86	-71.42	0.00011
-57.28	-70.00	0.00011	-70.00	-57.28	0.00010
-71.42	-55.86	0.00010	-72.83	-54.45	0.00010
-74.25	-53.03	0.00010	-75.66	-51.62	0.00010

1 *** ISCST3 - VERSION 02035 ***
 04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23
 **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	0.00010	-81.32	-45.96	0.00010	
-84.85	-42.43	0.00009	-91.92	-35.36	0.00009	
-98.99	-28.28	0.00009	-106.07	-21.21	0.00008	
-113.14	-14.14	0.00008	-120.21	-7.07	0.00008	
-127.28	0.00	0.00008	-134.35	7.07	0.00008	
0.00	-141.42	0.00010	-7.07	-134.35	0.00010	
-14.14	-127.28	0.00011	-21.21	-120.21	0.00011	
-28.28	-113.14	0.00011	-35.36	-106.07	0.00011	
-42.43	-98.99	0.00011	-49.50	-91.92	0.00011	
-53.03	-88.39	0.00011	-56.57	-84.85	0.00011	
-58.69	-82.73	0.00011	-60.10	-81.32	0.00010	
-61.52	-79.90	0.00010	-62.93	-78.49	0.00010	
-64.35	-77.07	0.00010	-77.07	-64.35	0.00009	
-78.49	-62.93	0.00009	-79.90	-61.52	0.00009	
-81.32	-60.10	0.00009	-82.73	-58.69	0.00009	
-84.85	-56.57	0.00009	-88.39	-53.03	0.00009	
-91.92	-49.50	0.00009	-98.99	-42.43	0.00008	
-106.07	-35.36	0.00008	-113.14	-28.28	0.00008	
-120.21	-21.21	0.00008	-127.28	-14.14	0.00007	
-134.35	-7.07	0.00007	-141.42	0.00	0.00007	
-7.07	-148.49	0.00009	-14.14	-141.42	0.00010	
-21.21	-134.35	0.00010	-28.28	-127.28	0.00010	
-35.36	-120.21	0.00010	-42.43	-113.14	0.00010	
-49.50	-106.07	0.00010	-56.57	-98.99	0.00010	
-60.10	-95.46	0.00010	-63.64	-91.92	0.00010	
-65.76	-89.80	0.00010	-67.18	-88.39	0.00009	
-68.59	-86.97	0.00009	-70.00	-85.56	0.00009	
-71.42	-84.15	0.00009	-84.15	-71.42	0.00008	
-85.56	-70.00	0.00008	-86.97	-68.59	0.00008	
-88.39	-67.18	0.00008	-89.80	-65.76	0.00008	
-91.92	-63.64	0.00008	-95.46	-60.10	0.00008	
-98.99	-56.57	0.00008	-106.07	-49.50	0.00008	
-113.14	-42.43	0.00007	-120.21	-35.36	0.00007	
-127.28	-28.28	0.00007	-134.35	-21.21	0.00007	
-141.42	-14.14	0.00007	-148.49	-7.07	0.00007	
-14.14	-155.56	0.00009	-21.21	-148.49	0.00009	

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	-141.42	0.00009	-35.36	-134.35	0.00009
-42.43	-127.28	0.00009	-49.50	-120.21	0.00009
-56.57	-113.14	0.00009	-63.64	-106.07	0.00009
-67.18	-102.53	0.00009	-70.71	-98.99	0.00009

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** 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
-72.83	-96.87	0.00009	-74.25	-95.46	0.00009
-75.66	-94.05	0.00008	-77.07	-92.63	0.00008
-78.49	-91.22	0.00008	-91.22	-78.49	0.00008
-92.63	-77.07	0.00008	-94.05	-75.66	0.00007
-95.46	-74.25	0.00007	-96.87	-72.83	0.00007
-98.99	-70.71	0.00007	-102.53	-67.18	0.00007
-106.07	-63.64	0.00007	-113.14	-56.57	0.00007
-120.21	-49.50	0.00007	-127.28	-42.43	0.00006
-134.35	-35.36	0.00006	-141.42	-28.28	0.00006
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00008	-28.28	-155.56	0.00008
-35.36	-148.49	0.00008	-42.43	-141.42	0.00008
-49.50	-134.35	0.00009	-56.57	-127.28	0.00009
-63.64	-120.21	0.00009	-70.71	-113.14	0.00008
-74.25	-109.60	0.00008	-77.78	-106.07	0.00008
-79.90	-103.94	0.00008	-81.32	-102.53	0.00008
-82.73	-101.12	0.00008	-84.15	-99.70	0.00008
-85.56	-98.29	0.00008	-98.29	-85.56	0.00007
-99.70	-84.15	0.00007	-101.12	-82.73	0.00007
-102.53	-81.32	0.00007	-103.94	-79.90	0.00007
-106.07	-77.78	0.00007	-109.60	-74.25	0.00007
-113.14	-70.71	0.00007	-120.21	-63.64	0.00006
-127.28	-56.57	0.00006	-134.35	-49.50	0.00006
-141.42	-42.43	0.00006	-148.49	-35.36	0.00006
-155.56	-28.28	0.00006	-162.63	-21.21	0.00006
-28.28	-169.71	0.00007	-35.36	-162.63	0.00007
-42.43	-155.56	0.00008	-49.50	-148.49	0.00008
-56.57	-141.42	0.00008	-63.64	-134.35	0.00008
-70.71	-127.28	0.00008	-77.78	-120.21	0.00008
-81.32	-116.67	0.00008	-84.85	-113.14	0.00007

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-86.97	-111.02	0.00007	-88.39	-109.60	0.00007
-89.80	-108.19	0.00007	-91.22	-106.77	0.00007
-92.63	-105.36	0.00007	-105.36	-92.63	0.00006
-106.77	-91.22	0.00006	-108.19	-89.80	0.00006
-109.60	-88.39	0.00006	-111.02	-86.97	0.00006
-113.14	-84.85	0.00006	-116.67	-81.32	0.00006
-120.21	-77.78	0.00006	-127.28	-70.71	0.00006
-134.35	-63.64	0.00006	-141.42	-56.57	0.00006
-148.49	-49.50	0.00005	-155.56	-42.43	0.00005
-162.63	-35.36	0.00005	-169.71	-28.28	0.00005

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** 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
-35.36	-176.78	0.00007	-42.43	-169.71	0.00007
-49.50	-162.63	0.00007	-56.57	-155.56	0.00007
-63.64	-148.49	0.00007	-70.71	-141.42	0.00007
-77.78	-134.35	0.00007	-84.85	-127.28	0.00007
-88.39	-123.74	0.00007	-91.92	-120.21	0.00007
-94.05	-118.09	0.00007	-95.46	-116.67	0.00007
-96.87	-115.26	0.00007	-98.29	-113.84	0.00006
-99.70	-112.43	0.00006	-112.43	-99.70	0.00006
-113.84	-98.29	0.00006	-115.26	-96.87	0.00006
-116.67	-95.46	0.00006	-118.09	-94.05	0.00006
-120.21	-91.92	0.00006	-123.74	-88.39	0.00006
-127.28	-84.85	0.00006	-134.35	-77.78	0.00006
-141.42	-70.71	0.00005	-148.49	-63.64	0.00005
-155.56	-56.57	0.00005	-162.63	-49.50	0.00005
-169.71	-42.43	0.00005	-176.78	-35.36	0.00005
-42.43	-183.85	0.00006	-49.50	-176.78	0.00006
-56.57	-169.71	0.00007	-63.64	-162.63	0.00007
-70.71	-155.56	0.00007	-77.78	-148.49	0.00007
-84.85	-141.42	0.00007	-91.92	-134.35	0.00007
-95.46	-130.81	0.00006	-98.99	-127.28	0.00006
-101.12	-125.16	0.00006	-102.53	-123.74	0.00006
-103.94	-122.33	0.00006	-105.36	-120.92	0.00006
-106.77	-119.50	0.00006	-119.50	-106.77	0.00005
-120.92	-105.36	0.00005	-122.33	-103.94	0.00005

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-123.74	-102.53	0.00005	-125.16	-101.12	0.00005
-127.28	-98.99	0.00005	-130.81	-95.46	0.00005
-134.35	-91.92	0.00005	-141.42	-84.85	0.00005
-148.49	-77.78	0.00005	-155.56	-70.71	0.00005
-162.63	-63.64	0.00005	-169.71	-56.57	0.00005
-176.78	-49.50	0.00004	-183.85	-42.43	0.00004
-49.50	-190.92	0.00006	-56.57	-183.85	0.00006
-63.64	-176.78	0.00006	-70.71	-169.71	0.00006
-77.78	-162.63	0.00006	-84.85	-155.56	0.00006
-91.92	-148.49	0.00006	-98.99	-141.42	0.00006
-102.53	-137.89	0.00006	-106.07	-134.35	0.00006
-108.19	-132.23	0.00006	-109.60	-130.81	0.00006
-111.02	-129.40	0.00006	-112.43	-127.99	0.00006
-113.84	-126.57	0.00005	-126.57	-113.84	0.00005
-127.99	-112.43	0.00005	-129.40	-111.02	0.00005
-130.81	-109.60	0.00005	-132.23	-108.19	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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	0.00005	-137.89	-102.53	0.00005	
-141.42	-98.99	0.00005	-148.49	-91.92	0.00005	
-155.56	-84.85	0.00005	-162.63	-77.78	0.00005	
-169.71	-70.71	0.00004	-176.78	-63.64	0.00004	
-183.85	-56.57	0.00004	-190.92	-49.50	0.00004	
-56.57	-197.99	0.00006	-63.64	-190.92	0.00006	
-70.71	-183.85	0.00006	-77.78	-176.78	0.00006	
-84.85	-169.71	0.00006	-91.92	-162.63	0.00006	
-98.99	-155.56	0.00006	-106.07	-148.49	0.00006	
-109.60	-144.96	0.00006	-113.14	-141.42	0.00005	
-115.26	-139.30	0.00005	-116.67	-137.89	0.00005	
-118.09	-136.47	0.00005	-119.50	-135.06	0.00005	
-120.92	-133.64	0.00005	-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	0.00004	-169.71	-84.85	0.00004	

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-77.78	0.00004	-183.85	-70.71	0.00004
-190.92	-63.64	0.00004	-197.99	-56.57	0.00004
-63.64	-205.06	0.00005	-70.71	-197.99	0.00005
-77.78	-190.92	0.00005	-84.85	-183.85	0.00006
-91.92	-176.78	0.00006	-98.99	-169.71	0.00006
-106.07	-162.63	0.00005	-113.14	-155.56	0.00005
-116.67	-152.03	0.00005	-120.21	-148.49	0.00005
-122.33	-146.37	0.00005	-123.74	-144.96	0.00005
-125.16	-143.54	0.00005	-126.57	-142.13	0.00005
-127.99	-140.71	0.00005	-140.71	-127.99	0.00004
-142.13	-126.57	0.00004	-143.54	-125.16	0.00004
-144.96	-123.74	0.00004	-146.37	-122.33	0.00004
-148.49	-120.21	0.00004	-152.03	-116.67	0.00004
-155.56	-113.14	0.00004	-162.63	-106.07	0.00004
-169.71	-98.99	0.00004	-176.78	-91.92	0.00004
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-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	0.00005	-106.07	-176.78	0.00005
-113.14	-169.71	0.00005	-120.21	-162.63	0.00005
-123.74	-159.10	0.00005	-127.28	-155.56	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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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_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	0.00005	-130.81	-152.03	0.00005
-132.23	-150.61	0.00005	-133.64	-149.20	0.00004
-135.06	-147.79	0.00004	-147.79	-135.06	0.00004
-149.20	-133.64	0.00004	-150.61	-132.23	0.00004
-152.03	-130.81	0.00004	-153.44	-129.40	0.00004
-155.56	-127.28	0.00004	-159.10	-123.74	0.00004
-162.63	-120.21	0.00004	-169.71	-113.14	0.00004
-176.78	-106.07	0.00004	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00003	-212.13	-70.71	0.00003
-77.78	-219.20	0.00005	-84.85	-212.13	0.00005
-91.92	-205.06	0.00005	-98.99	-197.99	0.00005

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-190.92	0.00005	-113.14	-183.85	0.00005
-120.21	-176.78	0.00005	-127.28	-169.71	0.00005
-130.81	-166.17	0.00004	-134.35	-162.63	0.00004
-136.47	-160.51	0.00004	-137.89	-159.10	0.00004
-139.30	-157.68	0.00004	-140.71	-156.27	0.00004
-142.13	-154.86	0.00004	-154.86	-142.13	0.00004
-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	0.00003	-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	0.00005	-106.07	-205.06	0.00005
-113.14	-197.99	0.00005	-120.21	-190.92	0.00005
-127.28	-183.85	0.00004	-134.35	-176.78	0.00004
-137.89	-173.24	0.00004	-141.42	-169.71	0.00004
-143.54	-167.58	0.00004	-144.96	-166.17	0.00004
-146.37	-164.76	0.00004	-147.79	-163.34	0.00004
-149.20	-161.93	0.00004	-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	0.00003	-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 ***
 04/18/08

*** 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	0.00004	-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	0.00004	-141.42	-183.85	0.00004
-144.96	-180.31	0.00004	-148.49	-176.78	0.00004
-150.61	-174.66	0.00004	-152.03	-173.24	0.00004

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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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19NCRA_SR04-300_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	0.00003	-233.35	-120.21	0.00003
-240.42	-113.14	0.00003	-247.49	-106.07	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00081	240.42	113.14	0.00089
233.35	120.21	0.00099	226.27	127.28	0.00111
219.20	134.35	0.00124	212.13	141.42	0.00139
205.06	148.49	0.00157	197.99	155.56	0.00180
194.45	159.10	0.00196	190.92	162.63	0.00215
188.80	164.76	0.00228	187.38	166.17	0.00237
185.97	167.58	0.00247	184.55	169.00	0.00257
183.14	170.41	0.00268	170.41	183.14	0.00313
169.00	184.55	0.00312	167.58	185.97	0.00311
166.17	187.38	0.00311	164.76	188.80	0.00311
162.63	190.92	0.00312	159.10	194.45	0.00314
155.56	197.99	0.00314	148.49	205.06	0.00307
141.42	212.13	0.00289	134.35	219.20	0.00266
127.28	226.27	0.00241	120.21	233.35	0.00217
113.14	240.42	0.00194	106.07	247.49	0.00174
240.42	98.99	0.00090	233.35	106.07	0.00100
226.27	113.14	0.00112	219.20	120.21	0.00126
212.13	127.28	0.00142	205.06	134.35	0.00161
197.99	141.42	0.00184	190.92	148.49	0.00213
187.38	152.03	0.00231	183.85	155.56	0.00252
181.73	157.68	0.00268	180.31	159.10	0.00281
178.90	160.51	0.00295	177.48	161.93	0.00310
176.07	163.34	0.00326	163.34	176.07	0.00416
161.93	177.48	0.00417	160.51	178.90	0.00419
159.10	180.31	0.00422	157.68	181.73	0.00424
155.56	183.85	0.00425	152.03	187.38	0.00422
148.49	190.92	0.00413	141.42	197.99	0.00381
134.35	205.06	0.00343	127.28	212.13	0.00305
120.21	219.20	0.00269	113.14	226.27	0.00237

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00208	98.99	240.42	0.00183
233.35	91.92	0.00099	226.27	98.99	0.00111
219.20	106.07	0.00126	212.13	113.14	0.00143
205.06	120.21	0.00163	197.99	127.28	0.00188
190.92	134.35	0.00217	183.85	141.42	0.00253
180.31	144.96	0.00276	176.78	148.49	0.00303
174.66	150.61	0.00323	173.24	152.03	0.00339
171.83	153.44	0.00357	170.41	154.86	0.00378
169.00	156.27	0.00403	156.27	169.00	0.00609
154.86	170.41	0.00608	153.44	171.83	0.00602
152.03	173.24	0.00594	150.61	174.66	0.00585

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00569	144.96	180.31	0.00540
141.42	183.85	0.00509	134.35	190.92	0.00446
127.28	197.99	0.00388	120.21	205.06	0.00335
113.14	212.13	0.00289	106.07	219.20	0.00250
99.00	226.27	0.00216	91.92	233.35	0.00188
226.27	84.85	0.00107	219.20	91.92	0.00122
212.13	98.99	0.00139	205.06	106.07	0.00160
197.99	113.14	0.00185	190.92	120.21	0.00215
183.85	127.28	0.00253	176.78	134.35	0.00300
173.24	137.89	0.00330	169.71	141.42	0.00368
167.58	143.54	0.00395	166.17	144.96	0.00417
164.76	146.37	0.00442	163.34	147.79	0.00474
161.93	149.20	0.00514	149.20	161.93	0.00754
147.79	163.34	0.00729	146.37	164.76	0.00707
144.96	166.17	0.00687	143.54	167.58	0.00669
141.42	169.71	0.00643	137.89	173.24	0.00600
134.35	176.78	0.00557	127.28	183.85	0.00479
120.21	190.92	0.00409	113.14	197.99	0.00349
106.07	205.06	0.00297	99.00	212.13	0.00253
91.92	219.20	0.00216	84.85	226.27	0.00186
219.20	77.78	0.00115	212.13	84.85	0.00131
205.06	91.92	0.00151	197.99	98.99	0.00175
190.92	106.07	0.00204	183.85	113.14	0.00240

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00282	169.71	127.28	0.00335
166.17	130.81	0.00367	162.63	134.35	0.00406
160.51	136.47	0.00433	159.10	137.89	0.00453
157.68	139.30	0.00476	156.27	140.71	0.00504
154.86	142.13	0.00539	142.13	154.86	0.00751
140.71	156.27	0.00725	139.30	157.68	0.00704
137.89	159.10	0.00685	136.47	160.51	0.00668
134.35	162.63	0.00643	130.81	166.17	0.00601
127.28	169.71	0.00560	120.21	176.78	0.00481
113.14	183.85	0.00409	106.07	190.92	0.00346
99.00	197.99	0.00292	91.92	205.06	0.00246
84.85	212.13	0.00209	77.78	219.20	0.00178
212.13	70.71	0.00120	205.06	77.78	0.00139
197.99	84.85	0.00161	190.92	91.92	0.00186
183.85	98.99	0.00217	176.78	106.07	0.00254
169.71	113.14	0.00299	162.63	120.21	0.00351
159.10	123.74	0.00380	155.56	127.28	0.00413

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00436	152.03	130.81	0.00454
150.61	132.23	0.00474	149.20	133.64	0.00499
147.79	135.06	0.00533	135.06	147.79	0.00737
133.64	149.20	0.00710	132.23	150.61	0.00689
130.81	152.03	0.00670	129.40	153.44	0.00652
127.28	155.56	0.00627	123.74	159.10	0.00585
120.21	162.63	0.00545	113.14	169.71	0.00467
106.07	176.78	0.00394	98.99	183.85	0.00330
91.92	190.92	0.00276	84.85	197.99	0.00232
77.78	205.06	0.00195	70.71	212.13	0.00165
205.06	63.64	0.00123	197.99	70.71	0.00142
190.92	77.78	0.00164	183.85	84.85	0.00191
176.78	91.92	0.00224	169.71	98.99	0.00261
162.63	106.07	0.00304	155.56	113.14	0.00350
152.03	116.67	0.00375	148.49	120.21	0.00403
146.37	122.33	0.00424	144.96	123.74	0.00440
143.54	125.16	0.00460	142.13	126.57	0.00484

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00430	91.92	148.49	0.00347
84.85	155.56	0.00279	77.78	162.63	0.00225
70.71	169.71	0.00184	63.64	176.78	0.00153
56.57	183.85	0.00129	49.50	190.92	0.00110
183.85	42.43	0.00116	176.78	49.50	0.00132
169.71	56.57	0.00152	162.63	63.64	0.00175
155.56	70.71	0.00200	148.49	77.78	0.00229
141.42	84.85	0.00260	134.35	91.92	0.00291
130.81	95.46	0.00307	127.28	98.99	0.00324
125.16	101.12	0.00337	123.74	102.53	0.00347
122.33	103.94	0.00359	120.92	105.36	0.00376
119.50	106.77	0.00398	106.77	119.50	0.00554
105.36	120.92	0.00528	103.94	122.33	0.00507
102.53	123.74	0.00487	101.12	125.16	0.00468
98.99	127.28	0.00440	95.46	130.81	0.00394
91.92	134.35	0.00350	84.85	141.42	0.00275
77.78	148.49	0.00218	70.71	155.56	0.00177
63.64	162.63	0.00146	56.57	169.71	0.00122
49.50	176.78	0.00104	42.43	183.85	0.00089
176.78	35.36	0.00109	169.71	42.43	0.00123
162.63	49.50	0.00140	155.56	56.57	0.00159
148.49	63.64	0.00181	141.42	70.71	0.00204
134.35	77.78	0.00228	127.28	84.85	0.00254
123.74	88.39	0.00267	120.21	91.92	0.00281
118.09	94.05	0.00290	116.67	95.46	0.00297
115.26	96.87	0.00305	113.84	98.29	0.00316
112.43	99.70	0.00333	99.70	112.43	0.00443
98.29	113.84	0.00415	96.87	115.26	0.00390
95.46	116.67	0.00367	94.05	118.09	0.00346

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	120.21	0.00317	88.39	123.74	0.00277
84.85	127.28	0.00243	77.78	134.35	0.00192
70.71	141.42	0.00156	63.64	148.49	0.00129
56.57	155.56	0.00108	49.50	162.63	0.00092
42.43	169.71	0.00080	35.36	176.78	0.00070

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00099	162.63	35.36	0.00111
155.56	42.43	0.00125	148.49	49.50	0.00139
141.42	56.57	0.00155	134.35	63.64	0.00172
127.28	70.71	0.00190	120.21	77.78	0.00206
116.67	81.32	0.00213	113.14	84.85	0.00221
111.02	86.97	0.00225	109.60	88.39	0.00229
108.19	89.80	0.00233	106.77	91.22	0.00239
105.36	92.63	0.00248	92.63	105.36	0.00237
91.22	106.77	0.00212	89.80	108.19	0.00194
88.39	109.60	0.00182	86.97	111.02	0.00172
84.85	113.14	0.00161	81.32	116.67	0.00146
77.78	120.21	0.00135	70.71	127.28	0.00115
63.64	134.35	0.00099	56.57	141.42	0.00086
49.50	148.49	0.00076	42.43	155.56	0.00067
35.36	162.63	0.00060	28.28	169.71	0.00053
162.63	21.21	0.00089	155.56	28.28	0.00098
148.49	35.36	0.00107	141.42	42.43	0.00118
134.35	49.50	0.00128	127.28	56.57	0.00138
120.21	63.64	0.00146	113.14	70.71	0.00149
109.60	74.25	0.00148	106.07	77.78	0.00145
103.94	79.90	0.00141	102.53	81.32	0.00138
101.12	82.73	0.00134	99.70	84.15	0.00129
98.29	85.56	0.00124	85.56	98.29	0.00077
84.15	99.70	0.00075	82.73	101.12	0.00074
81.32	102.53	0.00073	79.90	103.94	0.00073
77.78	106.07	0.00072	74.25	109.60	0.00072
70.71	113.14	0.00071	63.64	120.21	0.00068
56.57	127.28	0.00063	49.50	134.35	0.00058
42.43	141.42	0.00053	35.36	148.49	0.00048
28.28	155.56	0.00044	21.21	162.63	0.00041
155.56	14.14	0.00077	148.49	21.21	0.00083
141.42	28.28	0.00090	134.35	35.36	0.00096
127.28	42.43	0.00101	120.21	49.50	0.00105
113.14	56.57	0.00105	106.07	63.64	0.00102
102.53	67.18	0.00098	98.99	70.71	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:39:23
 **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 **

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00088	95.46	74.25	0.00086
94.05	75.66	0.00084	92.63	77.07	0.00082
91.22	78.49	0.00080	78.49	91.22	0.00059
77.07	92.63	0.00058	75.66	94.05	0.00057
74.25	95.46	0.00056	72.83	96.87	0.00055
70.71	98.99	0.00053	67.18	102.53	0.00051
63.64	106.07	0.00049	56.57	113.14	0.00047
49.50	120.21	0.00044	42.43	127.28	0.00041
35.36	134.35	0.00039	28.28	141.42	0.00036
21.21	148.49	0.00034	14.14	155.56	0.00032
148.49	7.07	0.00066	141.42	14.14	0.00070
134.35	21.21	0.00073	127.28	28.28	0.00076
120.21	35.36	0.00078	113.14	42.43	0.00079
106.07	49.50	0.00076	98.99	56.57	0.00071
95.46	60.10	0.00068	91.92	63.64	0.00066
89.80	65.76	0.00065	88.39	67.18	0.00065
86.97	68.59	0.00064	85.56	70.00	0.00063
84.15	71.42	0.00062	71.42	84.15	0.00048
70.00	85.56	0.00047	68.59	86.97	0.00046
67.18	88.39	0.00046	65.76	89.80	0.00045
63.64	91.92	0.00044	60.10	95.46	0.00042
56.57	98.99	0.00040	49.50	106.07	0.00037
42.43	113.14	0.00034	35.36	120.21	0.00032
28.28	127.28	0.00030	21.21	134.35	0.00028
14.14	141.42	0.00027	7.07	148.49	0.00025
141.42	0.00	0.00056	134.35	7.07	0.00058
127.28	14.14	0.00060	120.21	21.21	0.00061
113.14	28.28	0.00061	106.07	35.36	0.00059
98.99	42.43	0.00056	91.92	49.50	0.00053
88.39	53.03	0.00052	84.85	56.57	0.00052
82.73	58.69	0.00052	81.32	60.10	0.00052
79.90	61.52	0.00052	78.49	62.93	0.00051
77.07	64.35	0.00050	64.35	77.07	0.00040
62.93	78.49	0.00039	61.52	79.90	0.00038
60.10	81.32	0.00038	58.69	82.73	0.00037
56.57	84.85	0.00037	53.03	88.39	0.00036
49.50	91.92	0.00034	42.43	98.99	0.00031
35.36	106.07	0.00029	28.28	113.14	0.00026
21.21	120.21	0.00024	14.14	127.28	0.00023
7.07	134.35	0.00022	0.00	141.42	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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	0.00047	127.28	0.00	0.00048
120.21	7.07	0.00049	113.14	14.14	0.00048
106.07	21.21	0.00047	98.99	28.28	0.00045
91.92	35.36	0.00043	84.85	42.43	0.00043
81.32	45.96	0.00043	77.78	49.50	0.00043
75.66	51.62	0.00043	74.25	53.03	0.00043
72.83	54.45	0.00042	71.42	55.86	0.00042
70.00	57.28	0.00041	57.28	70.00	0.00033
55.86	71.42	0.00033	54.45	72.83	0.00032
53.03	74.25	0.00032	51.62	75.66	0.00031
49.50	77.78	0.00031	45.96	81.32	0.00030
42.43	84.85	0.00029	35.36	91.92	0.00027
28.28	98.99	0.00025	21.21	106.07	0.00023
14.14	113.14	0.00021	7.07	120.21	0.00019
0.00	127.28	0.00018	-7.07	134.35	0.00017
127.28	-14.14	0.00039	120.21	-7.07	0.00039
113.14	0.00	0.00039	106.07	7.07	0.00038
98.99	14.14	0.00036	91.92	21.21	0.00035
84.85	28.28	0.00035	77.78	35.36	0.00036
74.25	38.89	0.00036	70.71	42.43	0.00036
68.59	44.55	0.00036	67.18	45.96	0.00036
65.76	47.38	0.00035	64.35	48.79	0.00035
62.93	50.20	0.00034	50.20	62.93	0.00028
48.79	64.35	0.00028	47.38	65.76	0.00028
45.96	67.18	0.00027	44.55	68.59	0.00027
42.43	70.71	0.00026	38.89	74.25	0.00025
35.36	77.78	0.00025	28.28	84.85	0.00024
21.21	91.92	0.00022	14.14	98.99	0.00020
7.07	106.07	0.00019	0.00	113.14	0.00017
-7.07	120.21	0.00016	-14.14	127.28	0.00015
120.21	-21.21	0.00033	113.14	-14.14	0.00032
106.07	-7.07	0.00031	98.99	0.00	0.00030
91.92	7.07	0.00030	84.85	14.14	0.00029
77.78	21.21	0.00030	70.71	28.28	0.00030
67.18	31.82	0.00031	63.64	35.36	0.00031
61.52	37.48	0.00030	60.10	38.89	0.00030
58.69	40.31	0.00030	57.28	41.72	0.00029

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00028	43.13	55.86	0.00024
41.72	57.28	0.00024	40.31	58.69	0.00024
38.89	60.10	0.00023	37.48	61.52	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00023	31.82	67.18	0.00022
28.28	70.71	0.00021	21.21	77.78	0.00021
14.14	84.85	0.00019	7.07	91.92	0.00018
0.00	98.99	0.00017	-7.07	106.07	0.00015
-14.14	113.14	0.00014	-21.21	120.21	0.00013
113.14	-28.28	0.00027	106.07	-21.21	0.00026
98.99	-14.14	0.00026	91.92	-7.07	0.00025
84.85	0.00	0.00025	77.78	7.07	0.00025
70.71	14.14	0.00026	63.64	21.21	0.00026
60.10	24.75	0.00026	56.57	28.28	0.00026
54.45	30.41	0.00026	53.03	31.82	0.00026
51.62	33.23	0.00025	50.20	34.65	0.00025
48.79	36.06	0.00024	36.06	48.79	0.00021
34.65	50.20	0.00021	33.23	51.62	0.00020
31.82	53.03	0.00020	30.41	54.45	0.00020
28.28	56.57	0.00020	24.75	60.10	0.00019
21.21	63.64	0.00018	14.14	70.71	0.00018
7.07	77.78	0.00017	0.00	84.85	0.00016
-7.07	91.92	0.00015	-14.14	98.99	0.00014
-21.21	106.07	0.00013	-28.28	113.14	0.00012
106.07	-35.36	0.00022	98.99	-28.28	0.00022
91.92	-21.21	0.00022	84.85	-14.14	0.00021
77.78	-7.07	0.00021	70.71	0.00	0.00022
63.64	7.07	0.00022	56.57	14.14	0.00023
53.03	17.68	0.00023	49.50	21.21	0.00023
47.38	23.33	0.00022	45.96	24.75	0.00022
44.55	26.16	0.00022	43.13	27.58	0.00021
41.72	28.99	0.00021	28.99	41.72	0.00018
27.58	43.13	0.00018	26.16	44.55	0.00018
24.75	45.96	0.00018	23.33	47.38	0.00018
21.21	49.50	0.00017	17.68	53.03	0.00017

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00016	7.07	63.64	0.00015
0.00	70.71	0.00015	-7.07	77.78	0.00015
-14.14	84.85	0.00014	-21.21	91.92	0.00013
-28.28	98.99	0.00012	-35.36	106.07	0.00011
98.99	-42.43	0.00019	91.92	-35.36	0.00019
84.85	-28.28	0.00019	77.78	-21.21	0.00019
70.71	-14.14	0.00019	63.64	-7.07	0.00019
56.57	0.00	0.00020	49.50	7.07	0.00020
45.96	10.61	0.00020	42.43	14.14	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00019	38.89	17.68	0.00019
37.48	19.09	0.00019	36.06	20.51	0.00018
34.65	21.92	0.00018	21.92	34.65	0.00016
20.51	36.06	0.00016	19.09	37.48	0.00016
17.68	38.89	0.00016	16.26	40.31	0.00015
14.14	42.43	0.00015	10.61	45.96	0.00015
7.07	49.50	0.00014	0.00	56.57	0.00014
-7.07	63.64	0.00013	-14.14	70.71	0.00013
-21.21	77.78	0.00012	-28.28	84.85	0.00012
-35.36	91.92	0.00011	-42.43	98.99	0.00010
91.92	-49.50	0.00016	84.85	-42.43	0.00016
77.78	-35.36	0.00016	70.71	-28.28	0.00016
63.64	-21.21	0.00017	56.57	-14.14	0.00017
49.50	-7.07	0.00017	42.43	0.00	0.00018
38.89	3.54	0.00017	35.36	7.07	0.00017
33.23	9.19	0.00017	31.82	10.61	0.00017
30.41	12.02	0.00016	28.99	13.44	0.00016
27.58	14.85	0.00016	14.85	27.58	0.00014
13.44	28.99	0.00014	12.02	30.41	0.00014
10.61	31.82	0.00014	9.19	33.23	0.00014
7.07	35.36	0.00014	3.54	38.89	0.00013
0.00	42.43	0.00013	-7.07	49.50	0.00012
-14.14	56.57	0.00012	-21.21	63.64	0.00012
-28.28	70.71	0.00011	-35.36	77.78	0.00011
-42.43	84.85	0.00010	-49.50	91.92	0.00009

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

84.85	-56.57	0.00014	77.78	-49.50	0.00014
70.71	-42.43	0.00014	63.64	-35.36	0.00015
56.57	-28.28	0.00015	49.50	-21.21	0.00015
42.43	-14.14	0.00015	35.36	-7.07	0.00016
31.82	-3.54	0.00015	28.28	0.00	0.00015
26.16	2.12	0.00015	24.75	3.54	0.00015
23.33	4.95	0.00014	21.92	6.36	0.00014
20.51	7.78	0.00014	7.78	20.51	0.00012
6.36	21.92	0.00012	4.95	23.33	0.00012
3.54	24.75	0.00012	2.12	26.16	0.00012
0.00	28.28	0.00012	-3.54	31.82	0.00012
-7.07	35.36	0.00012	-14.14	42.43	0.00011
-21.21	49.50	0.00011	-28.28	56.57	0.00010
-35.36	63.64	0.00010	-42.43	70.71	0.00010
-49.50	77.78	0.00009	-56.57	84.85	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23
 **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	0.00013	70.71	-56.57	0.00013
63.64	-49.50	0.00013	56.57	-42.43	0.00013
49.50	-35.36	0.00013	42.43	-28.28	0.00014
35.36	-21.21	0.00014	28.28	-14.14	0.00014
24.75	-10.61	0.00014	21.21	-7.07	0.00013
19.09	-4.95	0.00013	17.68	-3.54	0.00013
16.26	-2.12	0.00013	14.85	-0.71	0.00013
13.44	0.71	0.00012	0.71	13.44	0.00011
-0.71	14.85	0.00011	-2.12	16.26	0.00011
-3.54	17.68	0.00011	-4.95	19.09	0.00011
-7.07	21.21	0.00011	-10.61	24.75	0.00011
-14.14	28.28	0.00010	-21.21	35.36	0.00010
-28.28	42.43	0.00009	-35.36	49.50	0.00009
-42.43	56.57	0.00009	-49.50	63.64	0.00009
-56.57	70.71	0.00009	-63.64	77.78	0.00008
70.71	-70.71	0.00011	63.64	-63.64	0.00011
56.57	-56.57	0.00012	49.50	-49.50	0.00012
42.43	-42.43	0.00012	35.36	-35.36	0.00012
28.28	-28.28	0.00013	21.21	-21.21	0.00012

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00009	-24.75	10.61	0.00009
-28.28	14.14	0.00009	-35.36	21.21	0.00008
-42.43	28.28	0.00008	-49.50	35.36	0.00008
-56.57	42.43	0.00008	-63.64	49.50	0.00007
-70.71	56.57	0.00007	-77.78	63.64	0.00007
56.57	-84.85	0.00009	49.50	-77.78	0.00010
42.43	-70.71	0.00010	35.36	-63.64	0.00010
28.28	-56.57	0.00010	21.21	-49.50	0.00010
14.14	-42.43	0.00010	7.07	-35.36	0.00010
3.54	-31.82	0.00010	0.00	-28.28	0.00010
-2.12	-26.16	0.00010	-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	0.00008

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-21.92	-6.36	0.00008	-23.33	-4.95	0.00008
-24.75	-3.54	0.00008	-26.16	-2.12	0.00008
-28.28	0.00	0.00008	-31.82	3.54	0.00008
-35.36	7.07	0.00008	-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	0.00007
-77.78	49.50	0.00007	-84.85	56.57	0.00007
49.50	-91.92	0.00009	42.43	-84.85	0.00009
35.36	-77.78	0.00009	28.28	-70.71	0.00009
21.21	-63.64	0.00009	14.14	-56.57	0.00009
7.07	-49.50	0.00009	0.00	-42.43	0.00009
-3.54	-38.89	0.00009	-7.07	-35.36	0.00009
-9.19	-33.23	0.00009	-10.61	-31.82	0.00009
-12.02	-30.41	0.00008	-13.44	-28.99	0.00008
-14.85	-27.58	0.00008	-27.58	-14.85	0.00008
-28.99	-13.44	0.00008	-30.41	-12.02	0.00007
-31.82	-10.61	0.00007	-33.23	-9.19	0.00007
-35.36	-7.07	0.00007	-38.89	-3.54	0.00007
-42.43	0.00	0.00007	-49.50	7.07	0.00007
-56.57	14.14	0.00007	-63.64	21.21	0.00006
-70.71	28.28	0.00006	-77.78	35.36	0.00006
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00008	35.36	-91.92	0.00008
28.28	-84.85	0.00008	21.21	-77.78	0.00008
14.14	-70.71	0.00009	7.07	-63.64	0.00009
0.00	-56.57	0.00009	-7.07	-49.50	0.00008
-10.61	-45.96	0.00008	-14.14	-42.43	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00008	-17.68	-38.89	0.00008
-19.09	-37.48	0.00008	-20.51	-36.06	0.00008
-21.92	-34.65	0.00008	-34.65	-21.92	0.00007
-36.06	-20.51	0.00007	-37.48	-19.09	0.00007
-38.89	-17.68	0.00007	-40.31	-16.26	0.00007
-42.43	-14.14	0.00007	-45.96	-10.61	0.00007
-49.50	-7.07	0.00007	-56.57	0.00	0.00006

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-63.64	7.07	0.00006	-70.71	14.14	0.00006
-77.78	21.21	0.00006	-84.85	28.28	0.00006
-91.92	35.36	0.00006	-98.99	42.43	0.00006
35.36	-106.07	0.00007	28.28	-98.99	0.00007
21.21	-91.92	0.00008	14.14	-84.85	0.00008
7.07	-77.78	0.00008	0.00	-70.71	0.00008
-7.07	-63.64	0.00008	-14.14	-56.57	0.00008
-17.68	-53.03	0.00008	-21.21	-49.50	0.00007
-23.33	-47.38	0.00007	-24.75	-45.96	0.00007
-26.16	-44.55	0.00007	-27.58	-43.13	0.00007
-28.99	-41.72	0.00007	-41.72	-28.99	0.00006
-43.13	-27.58	0.00006	-44.55	-26.16	0.00006
-45.96	-24.75	0.00006	-47.38	-23.33	0.00006
-49.50	-21.21	0.00006	-53.03	-17.68	0.00006
-56.57	-14.14	0.00006	-63.64	-7.07	0.00006
-70.71	0.00	0.00006	-77.78	7.07	0.00006
-84.85	14.14	0.00005	-91.92	21.21	0.00005
-98.99	28.28	0.00005	-106.07	35.36	0.00005
28.28	-113.14	0.00007	21.21	-106.07	0.00007
14.14	-98.99	0.00007	7.07	-91.92	0.00007
0.00	-84.85	0.00007	-7.07	-77.78	0.00007
-14.14	-70.71	0.00007	-21.21	-63.64	0.00007
-24.75	-60.10	0.00007	-28.28	-56.57	0.00007
-30.41	-54.45	0.00007	-31.82	-53.03	0.00007
-33.23	-51.62	0.00007	-34.65	-50.20	0.00006
-36.06	-48.79	0.00006	-48.79	-36.06	0.00006
-50.20	-34.65	0.00006	-51.62	-33.23	0.00006
-53.03	-31.82	0.00006	-54.45	-30.41	0.00006
-56.57	-28.28	0.00006	-60.10	-24.75	0.00006
-63.64	-21.21	0.00006	-70.71	-14.14	0.00006
-77.78	-7.07	0.00005	-84.85	0.00	0.00005
-91.92	7.07	0.00005	-98.99	14.14	0.00005
-106.07	21.21	0.00005	-113.14	28.28	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00006	14.14	-113.14	0.00006

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-106.07	0.00007	0.00	-98.99	0.00007
-7.07	-91.92	0.00007	-14.14	-84.85	0.00007
-21.21	-77.78	0.00007	-28.28	-70.71	0.00007
-31.82	-67.18	0.00006	-35.36	-63.64	0.00006
-37.48	-61.52	0.00006	-38.89	-60.10	0.00006
-40.31	-58.69	0.00006	-41.72	-57.28	0.00006
-43.13	-55.86	0.00006	-55.86	-43.13	0.00005
-57.28	-41.72	0.00005	-58.69	-40.31	0.00005
-60.10	-38.89	0.00005	-61.52	-37.48	0.00005
-63.64	-35.36	0.00005	-67.18	-31.82	0.00005
-70.71	-28.28	0.00005	-77.78	-21.21	0.00005
-84.85	-14.14	0.00005	-91.92	-7.07	0.00005
-98.99	0.00	0.00005	-106.07	7.07	0.00005
-113.14	14.14	0.00004	-120.21	21.21	0.00004
14.14	-127.28	0.00006	7.07	-120.21	0.00006
0.00	-113.14	0.00006	-7.07	-106.07	0.00006
-14.14	-98.99	0.00006	-21.21	-91.92	0.00006
-28.28	-84.85	0.00006	-35.36	-77.78	0.00006
-38.89	-74.25	0.00006	-42.43	-70.71	0.00006
-44.55	-68.59	0.00006	-45.96	-67.18	0.00006
-47.38	-65.76	0.00006	-48.79	-64.35	0.00006
-50.20	-62.93	0.00005	-62.93	-50.20	0.00005
-64.35	-48.79	0.00005	-65.76	-47.38	0.00005
-67.18	-45.96	0.00005	-68.59	-44.55	0.00005
-70.71	-42.43	0.00005	-74.25	-38.89	0.00005
-77.78	-35.36	0.00005	-84.85	-28.28	0.00005
-91.92	-21.21	0.00005	-98.99	-14.14	0.00005
-106.07	-7.07	0.00004	-113.14	0.00	0.00004
-120.21	7.07	0.00004	-127.28	14.14	0.00004
7.07	-134.35	0.00006	0.00	-127.28	0.00006
-7.07	-120.21	0.00006	-14.14	-113.14	0.00006
-21.21	-106.07	0.00006	-28.28	-98.99	0.00006
-35.36	-91.92	0.00006	-42.43	-84.85	0.00006
-45.96	-81.32	0.00006	-49.50	-77.78	0.00005
-51.62	-75.66	0.00005	-53.03	-74.25	0.00005
-54.45	-72.83	0.00005	-55.86	-71.42	0.00005
-57.28	-70.00	0.00005	-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 ***
04/18/08

*** 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	0.00004	-106.07	-21.21	0.00004
-113.14	-14.14	0.00004	-120.21	-7.07	0.00004
-127.28	0.00	0.00004	-134.35	7.07	0.00004
0.00	-141.42	0.00005	-7.07	-134.35	0.00005
-14.14	-127.28	0.00005	-21.21	-120.21	0.00006
-28.28	-113.14	0.00006	-35.36	-106.07	0.00006
-42.43	-98.99	0.00005	-49.50	-91.92	0.00005
-53.03	-88.39	0.00005	-56.57	-84.85	0.00005
-58.69	-82.73	0.00005	-60.10	-81.32	0.00005
-61.52	-79.90	0.00005	-62.93	-78.49	0.00005
-64.35	-77.07	0.00005	-77.07	-64.35	0.00004
-78.49	-62.93	0.00004	-79.90	-61.52	0.00004
-81.32	-60.10	0.00004	-82.73	-58.69	0.00004
-84.85	-56.57	0.00004	-88.39	-53.03	0.00004
-91.92	-49.50	0.00004	-98.99	-42.43	0.00004
-106.07	-35.36	0.00004	-113.14	-28.28	0.00004
-120.21	-21.21	0.00004	-127.28	-14.14	0.00004
-134.35	-7.07	0.00004	-141.42	0.00	0.00004
-7.07	-148.49	0.00005	-14.14	-141.42	0.00005
-21.21	-134.35	0.00005	-28.28	-127.28	0.00005
-35.36	-120.21	0.00005	-42.43	-113.14	0.00005
-49.50	-106.07	0.00005	-56.57	-98.99	0.00005
-60.10	-95.46	0.00005	-63.64	-91.92	0.00005
-65.76	-89.80	0.00005	-67.18	-88.39	0.00005
-68.59	-86.97	0.00005	-70.00	-85.56	0.00004
-71.42	-84.15	0.00004	-84.15	-71.42	0.00004
-85.56	-70.00	0.00004	-86.97	-68.59	0.00004
-88.39	-67.18	0.00004	-89.80	-65.76	0.00004
-91.92	-63.64	0.00004	-95.46	-60.10	0.00004
-98.99	-56.57	0.00004	-106.07	-49.50	0.00004
-113.14	-42.43	0.00004	-120.21	-35.36	0.00004
-127.28	-28.28	0.00004	-134.35	-21.21	0.00004
-141.42	-14.14	0.00003	-148.49	-7.07	0.00003
-14.14	-155.56	0.00005	-21.21	-148.49	0.00005
-28.28	-141.42	0.00005	-35.36	-134.35	0.00005
-42.43	-127.28	0.00005	-49.50	-120.21	0.00005
-56.57	-113.14	0.00005	-63.64	-106.07	0.00005

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-67.18 -102.53 0.00004 -70.71 -98.99 0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** 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
-72.83	-96.87	0.00004	-74.25	-95.46	0.00004
-75.66	-94.05	0.00004	-77.07	-92.63	0.00004
-78.49	-91.22	0.00004	-91.22	-78.49	0.00004
-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	0.00003	-141.42	-28.28	0.00003
-148.49	-21.21	0.00003	-155.56	-14.14	0.00003
-21.21	-162.63	0.00004	-28.28	-155.56	0.00004
-35.36	-148.49	0.00005	-42.43	-141.42	0.00005
-49.50	-134.35	0.00005	-56.57	-127.28	0.00005
-63.64	-120.21	0.00004	-70.71	-113.14	0.00004
-74.25	-109.60	0.00004	-77.78	-106.07	0.00004
-79.90	-103.94	0.00004	-81.32	-102.53	0.00004
-82.73	-101.12	0.00004	-84.15	-99.70	0.00004
-85.56	-98.29	0.00004	-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	0.00003	-134.35	-49.50	0.00003
-141.42	-42.43	0.00003	-148.49	-35.36	0.00003
-155.56	-28.28	0.00003	-162.63	-21.21	0.00003
-28.28	-169.71	0.00004	-35.36	-162.63	0.00004
-42.43	-155.56	0.00004	-49.50	-148.49	0.00004
-56.57	-141.42	0.00004	-63.64	-134.35	0.00004
-70.71	-127.28	0.00004	-77.78	-120.21	0.00004
-81.32	-116.67	0.00004	-84.85	-113.14	0.00004
-86.97	-111.02	0.00004	-88.39	-109.60	0.00004
-89.80	-108.19	0.00004	-91.22	-106.77	0.00004
-92.63	-105.36	0.00004	-105.36	-92.63	0.00003

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-106.77	-91.22	0.00003	-108.19	-89.80	0.00003
-109.60	-88.39	0.00003	-111.02	-86.97	0.00003
-113.14	-84.85	0.00003	-116.67	-81.32	0.00003
-120.21	-77.78	0.00003	-127.28	-70.71	0.00003
-134.35	-63.64	0.00003	-141.42	-56.57	0.00003
-148.49	-49.50	0.00003	-155.56	-42.43	0.00003
-162.63	-35.36	0.00003	-169.71	-28.28	0.00003

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** 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	0.00004	-42.43	-169.71	0.00004
-49.50	-162.63	0.00004	-56.57	-155.56	0.00004
-63.64	-148.49	0.00004	-70.71	-141.42	0.00004
-77.78	-134.35	0.00004	-84.85	-127.28	0.00004
-88.39	-123.74	0.00004	-91.92	-120.21	0.00004
-94.05	-118.09	0.00004	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00003	-112.43	-99.70	0.00003
-113.84	-98.29	0.00003	-115.26	-96.87	0.00003
-116.67	-95.46	0.00003	-118.09	-94.05	0.00003
-120.21	-91.92	0.00003	-123.74	-88.39	0.00003
-127.28	-84.85	0.00003	-134.35	-77.78	0.00003
-141.42	-70.71	0.00003	-148.49	-63.64	0.00003
-155.56	-56.57	0.00003	-162.63	-49.50	0.00003
-169.71	-42.43	0.00003	-176.78	-35.36	0.00003
-42.43	-183.85	0.00004	-49.50	-176.78	0.00004
-56.57	-169.71	0.00004	-63.64	-162.63	0.00004
-70.71	-155.56	0.00004	-77.78	-148.49	0.00004
-84.85	-141.42	0.00004	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00003
-101.12	-125.16	0.00003	-102.53	-123.74	0.00003
-103.94	-122.33	0.00003	-105.36	-120.92	0.00003
-106.77	-119.50	0.00003	-119.50	-106.77	0.00003
-120.92	-105.36	0.00003	-122.33	-103.94	0.00003
-123.74	-102.53	0.00003	-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

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-77.78	0.00003	-155.56	-70.71	0.00003
-162.63	-63.64	0.00003	-169.71	-56.57	0.00003
-176.78	-49.50	0.00003	-183.85	-42.43	0.00003
-49.50	-190.92	0.00004	-56.57	-183.85	0.00004
-63.64	-176.78	0.00004	-70.71	-169.71	0.00004
-77.78	-162.63	0.00004	-84.85	-155.56	0.00004
-91.92	-148.49	0.00004	-98.99	-141.42	0.00003
-102.53	-137.89	0.00003	-106.07	-134.35	0.00003
-108.19	-132.23	0.00003	-109.60	-130.81	0.00003
-111.02	-129.40	0.00003	-112.43	-127.99	0.00003
-113.84	-126.57	0.00003	-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 ***
 04/18/08

*** 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	0.00002
-56.57	-197.99	0.00003	-63.64	-190.92	0.00003
-70.71	-183.85	0.00004	-77.78	-176.78	0.00004
-84.85	-169.71	0.00003	-91.92	-162.63	0.00003
-98.99	-155.56	0.00003	-106.07	-148.49	0.00003
-109.60	-144.96	0.00003	-113.14	-141.42	0.00003
-115.26	-139.30	0.00003	-116.67	-137.89	0.00003
-118.09	-136.47	0.00003	-119.50	-135.06	0.00003
-120.92	-133.64	0.00003	-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	0.00002	-197.99	-56.57	0.00002
-63.64	-205.06	0.00003	-70.71	-197.99	0.00003

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	-190.92	0.00003	-84.85	-183.85	0.00003
-91.92	-176.78	0.00003	-98.99	-169.71	0.00003
-106.07	-162.63	0.00003	-113.14	-155.56	0.00003
-116.67	-152.03	0.00003	-120.21	-148.49	0.00003
-122.33	-146.37	0.00003	-123.74	-144.96	0.00003
-125.16	-143.54	0.00003	-126.57	-142.13	0.00003
-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	0.00002	-190.92	-77.78	0.00002
-197.99	-70.71	0.00002	-205.06	-63.64	0.00002
-70.71	-212.13	0.00003	-77.78	-205.06	0.00003
-84.85	-197.99	0.00003	-91.92	-190.92	0.00003
-98.99	-183.85	0.00003	-106.07	-176.78	0.00003
-113.14	-169.71	0.00003	-120.21	-162.63	0.00003
-123.74	-159.10	0.00003	-127.28	-155.56	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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	0.00002
-162.63	-120.21	0.00002	-169.71	-113.14	0.00002
-176.78	-106.07	0.00002	-183.85	-98.99	0.00002
-190.92	-91.92	0.00002	-197.99	-84.85	0.00002
-205.06	-77.78	0.00002	-212.13	-70.71	0.00002
-77.78	-219.20	0.00003	-84.85	-212.13	0.00003
-91.92	-205.06	0.00003	-98.99	-197.99	0.00003
-106.07	-190.92	0.00003	-113.14	-183.85	0.00003
-120.21	-176.78	0.00003	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003

19NCRA_SR04-300_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	0.00002
-156.27	-140.71	0.00002	-157.68	-139.30	0.00002
-159.10	-137.89	0.00002	-160.51	-136.47	0.00002
-162.63	-134.35	0.00002	-166.17	-130.81	0.00002
-169.71	-127.28	0.00002	-176.78	-120.21	0.00002
-183.85	-113.14	0.00002	-190.92	-106.07	0.00002
-197.99	-98.99	0.00002	-205.06	-91.92	0.00002
-212.13	-84.85	0.00002	-219.20	-77.78	0.00002
-84.85	-226.27	0.00003	-91.92	-219.20	0.00003
-98.99	-212.13	0.00003	-106.07	-205.06	0.00003
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00002	-144.96	-166.17	0.00002
-146.37	-164.76	0.00002	-147.79	-163.34	0.00002
-149.20	-161.93	0.00002	-161.93	-149.20	0.00002
-163.34	-147.79	0.00002	-164.76	-146.37	0.00002
-166.17	-144.96	0.00002	-167.58	-143.54	0.00002
-169.71	-141.42	0.00002	-173.24	-137.89	0.00002
-176.78	-134.35	0.00002	-183.85	-127.28	0.00002
-190.92	-120.21	0.00002	-197.99	-113.14	0.00002
-205.06	-106.07	0.00002	-212.13	-98.99	0.00002
-219.20	-91.92	0.00002	-226.27	-84.85	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00002
-144.96	-180.31	0.00002	-148.49	-176.78	0.00002
-150.61	-174.66	0.00002	-152.03	-173.24	0.00002
-153.44	-171.83	0.00002	-154.86	-170.41	0.00002
-156.27	-169.00	0.00002	-169.00	-156.27	0.00002
-170.41	-154.86	0.00002	-171.83	-153.44	0.00002

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-173.24	-152.03	0.00002	-174.66	-150.61	0.00002
-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	0.00002	-233.35	-91.92	0.00002
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00002	-148.49	-190.92	0.00002
-152.03	-187.38	0.00002	-155.56	-183.85	0.00002
-157.68	-181.73	0.00002	-159.10	-180.31	0.00002
-160.51	-178.90	0.00002	-161.93	-177.48	0.00002
-163.34	-176.07	0.00002	-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	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00002	-141.42	-212.13	0.00002
-148.49	-205.06	0.00002	-155.56	-197.99	0.00002
-159.10	-194.45	0.00002	-162.63	-190.92	0.00002
-164.76	-188.80	0.00002	-166.17	-187.38	0.00002
-167.58	-185.97	0.00002	-169.00	-184.55	0.00002
-170.41	-183.14	0.00002	-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 ***
 04/18/08

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

20:39:23

**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

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00273	197.99	127.28	0.00305
190.92	134.35	0.00342	183.85	141.42	0.00386
180.31	144.96	0.00413	176.78	148.49	0.00444
174.66	150.61	0.00467	173.24	152.03	0.00483
171.83	153.44	0.00502	170.41	154.86	0.00525
169.00	156.27	0.00551	156.27	169.00	0.00763
154.86	170.41	0.00761	153.44	171.83	0.00755
152.03	173.24	0.00747	150.61	174.66	0.00738

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00721	144.96	180.31	0.00691
141.42	183.85	0.00658	134.35	190.92	0.00592
127.28	197.99	0.00531	120.21	205.06	0.00477
113.14	212.13	0.00430	106.07	219.20	0.00389
99.00	226.27	0.00355	91.92	233.35	0.00324
226.27	84.85	0.00199	219.20	91.92	0.00219
212.13	98.99	0.00243	205.06	106.07	0.00270
197.99	113.14	0.00303	190.92	120.21	0.00342
183.85	127.28	0.00389	176.78	134.35	0.00446
173.24	137.89	0.00481	169.71	141.42	0.00523
167.58	143.54	0.00554	166.17	144.96	0.00577
164.76	146.37	0.00604	163.34	147.79	0.00638
161.93	149.20	0.00679	149.20	161.93	0.00925
147.79	163.34	0.00900	146.37	164.76	0.00877
144.96	166.17	0.00858	143.54	167.58	0.00839
141.42	169.71	0.00812	137.89	173.24	0.00768
134.35	176.78	0.00724	127.28	183.85	0.00642
120.21	190.92	0.00570	113.14	197.99	0.00507
106.07	205.06	0.00454	99.00	212.13	0.00409
91.92	219.20	0.00371	84.85	226.27	0.00338
219.20	77.78	0.00213	212.13	84.85	0.00236
205.06	91.92	0.00263	197.99	98.99	0.00295
190.92	106.07	0.00333	183.85	113.14	0.00378
176.78	120.21	0.00431	169.71	127.28	0.00496
166.17	130.81	0.00534	162.63	134.35	0.00579
160.51	136.47	0.00610	159.10	137.89	0.00632

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00657	156.27	140.71	0.00687
154.86	142.13	0.00724	142.13	154.86	0.00944
140.71	156.27	0.00918	139.30	157.68	0.00896
137.89	159.10	0.00877	136.47	160.51	0.00859
134.35	162.63	0.00833	130.81	166.17	0.00789
127.28	169.71	0.00746	120.21	176.78	0.00664
113.14	183.85	0.00590	106.07	190.92	0.00525
99.00	197.99	0.00469	91.92	205.06	0.00422
84.85	212.13	0.00382	77.78	219.20	0.00347
212.13	70.71	0.00227	205.06	77.78	0.00252
197.99	84.85	0.00281	190.92	91.92	0.00316
183.85	98.99	0.00357	176.78	106.07	0.00405
169.71	113.14	0.00462	162.63	120.21	0.00529
159.10	123.74	0.00566	155.56	127.28	0.00606

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00634	152.03	130.81	0.00655
150.61	132.23	0.00679	149.20	133.64	0.00706
147.79	135.06	0.00742	135.06	147.79	0.00956
133.64	149.20	0.00930	132.23	150.61	0.00908
130.81	152.03	0.00889	129.40	153.44	0.00870
127.28	155.56	0.00843	123.74	159.10	0.00799
120.21	162.63	0.00757	113.14	169.71	0.00675
106.07	176.78	0.00600	98.99	183.85	0.00535
91.92	190.92	0.00478	84.85	197.99	0.00430
77.78	205.06	0.00389	70.71	212.13	0.00354
205.06	63.64	0.00238	197.99	70.71	0.00265
190.92	77.78	0.00296	183.85	84.85	0.00332
176.78	91.92	0.00376	169.71	98.99	0.00427
162.63	106.07	0.00485	155.56	113.14	0.00548
152.03	116.67	0.00583	148.49	120.21	0.00621
146.37	122.33	0.00648	144.96	123.74	0.00669
143.54	125.16	0.00692	142.13	126.57	0.00720
140.71	127.99	0.00755	127.99	140.71	0.00966
126.57	142.13	0.00939	125.16	143.54	0.00917
123.74	144.96	0.00897	122.33	146.37	0.00878

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00851	116.67	152.03	0.00807
113.14	155.56	0.00764	106.07	162.63	0.00681
98.99	169.71	0.00606	91.92	176.78	0.00541
84.85	183.85	0.00484	77.78	190.92	0.00436
70.71	197.99	0.00394	63.64	205.06	0.00359
197.99	56.57	0.00248	190.92	63.64	0.00276
183.85	70.71	0.00308	176.78	77.78	0.00346
169.71	84.85	0.00391	162.63	91.92	0.00442
155.56	98.99	0.00498	148.49	106.07	0.00560
144.96	109.60	0.00593	141.42	113.14	0.00632
139.30	115.26	0.00658	137.89	116.67	0.00679
136.47	118.09	0.00702	135.06	119.50	0.00730
133.64	120.92	0.00764	120.92	133.64	0.00973
119.50	135.06	0.00946	118.09	136.47	0.00923
116.67	137.89	0.00903	115.26	139.30	0.00884
113.14	141.42	0.00857	109.60	144.96	0.00813
106.07	148.49	0.00769	98.99	155.56	0.00686
91.92	162.63	0.00610	84.85	169.71	0.00545
77.78	176.78	0.00488	70.71	183.85	0.00439
63.64	190.92	0.00398	56.57	197.99	0.00362

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00256	183.85	56.57	0.00285
176.78	63.64	0.00318	169.71	70.71	0.00357
162.63	77.78	0.00402	155.56	84.85	0.00452
148.49	91.92	0.00507	141.42	98.99	0.00567
137.89	102.53	0.00601	134.35	106.07	0.00640
132.23	108.19	0.00666	130.81	109.60	0.00687
129.40	111.02	0.00710	127.99	112.43	0.00737
126.57	113.84	0.00772	113.84	126.57	0.00978
112.43	127.99	0.00951	111.02	129.40	0.00929
109.60	130.81	0.00909	108.19	132.23	0.00890
106.07	134.35	0.00862	102.53	137.89	0.00818
98.99	141.42	0.00773	91.92	148.49	0.00689
84.85	155.56	0.00614	77.78	162.63	0.00547
70.71	169.71	0.00490	63.64	176.78	0.00442

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00400	49.50	190.92	0.00364
183.85	42.43	0.00264	176.78	49.50	0.00293
169.71	56.57	0.00326	162.63	63.64	0.00365
155.56	70.71	0.00409	148.49	77.78	0.00458
141.42	84.85	0.00513	134.35	91.92	0.00573
130.81	95.46	0.00607	127.28	98.99	0.00646
125.16	101.12	0.00672	123.74	102.53	0.00693
122.33	103.94	0.00716	120.92	105.36	0.00743
119.50	106.77	0.00777	106.77	119.50	0.00982
105.36	120.92	0.00955	103.94	122.33	0.00933
102.53	123.74	0.00913	101.12	125.16	0.00894
98.99	127.28	0.00866	95.46	130.81	0.00821
91.92	134.35	0.00777	84.85	141.42	0.00692
77.78	148.49	0.00616	70.71	155.56	0.00549
63.64	162.63	0.00492	56.57	169.71	0.00443
49.50	176.78	0.00401	42.43	183.85	0.00366
176.78	35.36	0.00270	169.71	42.43	0.00299
162.63	49.50	0.00332	155.56	56.57	0.00371
148.49	63.64	0.00414	141.42	70.71	0.00463
134.35	77.78	0.00517	127.28	84.85	0.00577
123.74	88.39	0.00612	120.21	91.92	0.00650
118.09	94.05	0.00677	116.67	95.46	0.00698
115.26	96.87	0.00721	113.84	98.29	0.00748
112.43	99.70	0.00782	99.70	112.43	0.00986
98.29	113.84	0.00959	96.87	115.26	0.00936
95.46	116.67	0.00916	94.05	118.09	0.00897

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00869	88.39	123.74	0.00824
84.85	127.28	0.00780	77.78	134.35	0.00695
70.71	141.42	0.00618	63.64	148.49	0.00551
56.57	155.56	0.00493	49.50	162.63	0.00444
42.43	169.71	0.00402	35.36	176.78	0.00366
169.71	28.28	0.00274	162.63	35.36	0.00303
155.56	42.43	0.00337	148.49	49.50	0.00374
141.42	56.57	0.00418	134.35	63.64	0.00466

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00520	120.21	77.78	0.00581
116.67	81.32	0.00615	113.14	84.85	0.00654
111.02	86.97	0.00681	109.60	88.39	0.00701
108.19	89.80	0.00724	106.77	91.22	0.00753
105.36	92.63	0.00787	92.63	105.36	0.00988
91.22	106.77	0.00961	89.80	108.19	0.00938
88.39	109.60	0.00918	86.97	111.02	0.00898
84.85	113.14	0.00871	81.32	116.67	0.00826
77.78	120.21	0.00781	70.71	127.28	0.00696
63.64	134.35	0.00619	56.57	141.42	0.00552
49.50	148.49	0.00494	42.43	155.56	0.00445
35.36	162.63	0.00403	28.28	169.71	0.00367
162.63	21.21	0.00278	155.56	28.28	0.00307
148.49	35.36	0.00339	141.42	42.43	0.00377
134.35	49.50	0.00420	127.28	56.57	0.00469
120.21	63.64	0.00523	113.14	70.71	0.00583
109.60	74.25	0.00617	106.07	77.78	0.00656
103.94	79.90	0.00683	102.53	81.32	0.00703
101.12	82.73	0.00726	99.70	84.15	0.00755
98.29	85.56	0.00791	85.56	98.29	0.00990
84.15	99.70	0.00963	82.73	101.12	0.00939
81.32	102.53	0.00919	79.90	103.94	0.00900
77.78	106.07	0.00872	74.25	109.60	0.00827
70.71	113.14	0.00782	63.64	120.21	0.00698
56.57	127.28	0.00620	49.50	134.35	0.00553
42.43	141.42	0.00495	35.36	148.49	0.00445
28.28	155.56	0.00403	21.21	162.63	0.00367
155.56	14.14	0.00280	148.49	21.21	0.00309
141.42	28.28	0.00341	134.35	35.36	0.00379
127.28	42.43	0.00422	120.21	49.50	0.00470
113.14	56.57	0.00525	106.07	63.64	0.00585
102.53	67.18	0.00619	98.99	70.71	0.00658

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00685	95.46	74.25	0.00705
94.05	75.66	0.00728	92.63	77.07	0.00756

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00791	78.49	91.22	0.00991
77.07	92.63	0.00963	75.66	94.05	0.00940
74.25	95.46	0.00920	72.83	96.87	0.00901
70.71	98.99	0.00873	67.18	102.53	0.00828
63.64	106.07	0.00783	56.57	113.14	0.00698
49.50	120.21	0.00621	42.43	127.28	0.00553
35.36	134.35	0.00495	28.28	141.42	0.00446
21.21	148.49	0.00403	14.14	155.56	0.00367
148.49	7.07	0.00282	141.42	14.14	0.00310
134.35	21.21	0.00343	127.28	28.28	0.00380
120.21	35.36	0.00423	113.14	42.43	0.00472
106.07	49.50	0.00526	98.99	56.57	0.00587
95.46	60.10	0.00621	91.92	63.64	0.00659
89.80	65.76	0.00686	88.39	67.18	0.00706
86.97	68.59	0.00729	85.56	70.00	0.00756
84.15	71.42	0.00791	71.42	84.15	0.00991
70.00	85.56	0.00964	68.59	86.97	0.00941
67.18	88.39	0.00921	65.76	89.80	0.00902
63.64	91.92	0.00873	60.10	95.46	0.00828
56.57	98.99	0.00784	49.50	106.07	0.00699
42.43	113.14	0.00621	35.36	120.21	0.00554
28.28	127.28	0.00495	21.21	134.35	0.00445
14.14	141.42	0.00403	7.07	148.49	0.00367
141.42	0.00	0.00283	134.35	7.07	0.00311
127.28	14.14	0.00344	120.21	21.21	0.00381
113.14	28.28	0.00424	106.07	35.36	0.00473
98.99	42.43	0.00527	91.92	49.50	0.00588
88.39	53.03	0.00622	84.85	56.57	0.00660
82.73	58.69	0.00687	81.32	60.10	0.00707
79.90	61.52	0.00730	78.49	62.93	0.00757
77.07	64.35	0.00792	64.35	77.07	0.00991
62.93	78.49	0.00964	61.52	79.90	0.00942
60.10	81.32	0.00921	58.69	82.73	0.00901
56.57	84.85	0.00873	53.03	88.39	0.00828
49.50	91.92	0.00784	42.43	98.99	0.00699
35.36	106.07	0.00621	28.28	113.14	0.00553
21.21	120.21	0.00495	14.14	127.28	0.00445
7.07	134.35	0.00403	0.00	141.42	0.00366

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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	0.00283	127.28	0.00	0.00312
120.21	7.07	0.00344	113.14	14.14	0.00382
106.07	21.21	0.00424	98.99	28.28	0.00473
91.92	35.36	0.00527	84.85	42.43	0.00588
81.32	45.96	0.00622	77.78	49.50	0.00661
75.66	51.62	0.00687	74.25	53.03	0.00707
72.83	54.45	0.00730	71.42	55.86	0.00757
70.00	57.28	0.00791	57.28	70.00	0.00991
55.86	71.42	0.00964	54.45	72.83	0.00941
53.03	74.25	0.00920	51.62	75.66	0.00901
49.50	77.78	0.00873	45.96	81.32	0.00828
42.43	84.85	0.00783	35.36	91.92	0.00698
28.28	98.99	0.00621	21.21	106.07	0.00553
14.14	113.14	0.00495	7.07	120.21	0.00445
0.00	127.28	0.00402	-7.07	134.35	0.00365
127.28	-14.14	0.00284	120.21	-7.07	0.00312
113.14	0.00	0.00344	106.07	7.07	0.00382
98.99	14.14	0.00424	91.92	21.21	0.00473
84.85	28.28	0.00527	77.78	35.36	0.00588
74.25	38.89	0.00622	70.71	42.43	0.00661
68.59	44.55	0.00687	67.18	45.96	0.00707
65.76	47.38	0.00730	64.35	48.79	0.00757
62.93	50.20	0.00790	50.20	62.93	0.00990
48.79	64.35	0.00963	47.38	65.76	0.00941
45.96	67.18	0.00920	44.55	68.59	0.00901
42.43	70.71	0.00873	38.89	74.25	0.00827
35.36	77.78	0.00783	28.28	84.85	0.00697
21.21	91.92	0.00620	14.14	98.99	0.00552
7.07	106.07	0.00494	0.00	113.14	0.00444
-7.07	120.21	0.00401	-14.14	127.28	0.00364
120.21	-21.21	0.00284	113.14	-14.14	0.00312
106.07	-7.07	0.00344	98.99	0.00	0.00382
91.92	7.07	0.00424	84.85	14.14	0.00473
77.78	21.21	0.00527	70.71	28.28	0.00588
67.18	31.82	0.00622	63.64	35.36	0.00660
61.52	37.48	0.00687	60.10	38.89	0.00707
58.69	40.31	0.00729	57.28	41.72	0.00756
55.86	43.13	0.00790	43.13	55.86	0.00990
41.72	57.28	0.00963	40.31	58.69	0.00940
38.89	60.10	0.00920	37.48	61.52	0.00900

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** 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	0.00872	31.82	67.18	0.00826
28.28	70.71	0.00782	21.21	77.78	0.00696
14.14	84.85	0.00619	7.07	91.92	0.00551
0.00	98.99	0.00493	-7.07	106.07	0.00443
-14.14	113.14	0.00400	-21.21	120.21	0.00363
113.14	-28.28	0.00283	106.07	-21.21	0.00312
98.99	-14.14	0.00344	91.92	-7.07	0.00381
84.85	0.00	0.00424	77.78	7.07	0.00472
70.71	14.14	0.00526	63.64	21.21	0.00587
60.10	24.75	0.00621	56.57	28.28	0.00659
54.45	30.41	0.00686	53.03	31.82	0.00706
51.62	33.23	0.00729	50.20	34.65	0.00756
48.79	36.06	0.00789	36.06	48.79	0.00989
34.65	50.20	0.00962	33.23	51.62	0.00939
31.82	53.03	0.00919	30.41	54.45	0.00899
28.28	56.57	0.00871	24.75	60.10	0.00826
21.21	63.64	0.00781	14.14	70.71	0.00695
7.07	77.78	0.00618	0.00	84.85	0.00550
-7.07	91.92	0.00492	-14.14	98.99	0.00442
-21.21	106.07	0.00399	-28.28	113.14	0.00362
106.07	-35.36	0.00283	98.99	-28.28	0.00311
91.92	-21.21	0.00343	84.85	-14.14	0.00380
77.78	-7.07	0.00423	70.71	0.00	0.00471
63.64	7.07	0.00526	56.57	14.14	0.00586
53.03	17.68	0.00620	49.50	21.21	0.00658
47.38	23.33	0.00685	45.96	24.75	0.00705
44.55	26.16	0.00728	43.13	27.58	0.00756
41.72	28.99	0.00790	28.99	41.72	0.00988
27.58	43.13	0.00961	26.16	44.55	0.00937
24.75	45.96	0.00917	23.33	47.38	0.00897
21.21	49.50	0.00869	17.68	53.03	0.00824
14.14	56.57	0.00779	7.07	63.64	0.00693
0.00	70.71	0.00616	-7.07	77.78	0.00549
-14.14	84.85	0.00490	-21.21	91.92	0.00440

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00398	-35.36	106.07	0.00361
98.99	-42.43	0.00282	91.92	-35.36	0.00310
84.85	-28.28	0.00342	77.78	-21.21	0.00379
70.71	-14.14	0.00422	63.64	-7.07	0.00470
56.57	0.00	0.00524	49.50	7.07	0.00585
45.96	10.61	0.00619	42.43	14.14	0.00657

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** 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
40.31	16.26	0.00683	38.89	17.68	0.00703
37.48	19.09	0.00726	36.06	20.51	0.00754
34.65	21.92	0.00789	21.92	34.65	0.00986
20.51	36.06	0.00959	19.09	37.48	0.00935
17.68	38.89	0.00915	16.26	40.31	0.00896
14.14	42.43	0.00868	10.61	45.96	0.00822
7.07	49.50	0.00777	0.00	56.57	0.00692
-7.07	63.64	0.00614	-14.14	70.71	0.00547
-21.21	77.78	0.00489	-28.28	84.85	0.00439
-35.36	91.92	0.00396	-42.43	98.99	0.00359
91.92	-49.50	0.00281	84.85	-42.43	0.00309
77.78	-35.36	0.00341	70.71	-28.28	0.00378
63.64	-21.21	0.00421	56.57	-14.14	0.00469
49.50	-7.07	0.00523	42.43	0.00	0.00583
38.89	3.54	0.00617	35.36	7.07	0.00655
33.23	9.19	0.00682	31.82	10.61	0.00702
30.41	12.02	0.00724	28.99	13.44	0.00752
27.58	14.85	0.00787	14.85	27.58	0.00984
13.44	28.99	0.00956	12.02	30.41	0.00933
10.61	31.82	0.00913	9.19	33.23	0.00894
7.07	35.36	0.00866	3.54	38.89	0.00820
0.00	42.43	0.00775	-7.07	49.50	0.00690
-14.14	56.57	0.00612	-21.21	63.64	0.00545
-28.28	70.71	0.00487	-35.36	77.78	0.00437
-42.43	84.85	0.00394	-49.50	91.92	0.00357
84.85	-56.57	0.00280	77.78	-49.50	0.00308
70.71	-42.43	0.00340	63.64	-35.36	0.00377
56.57	-28.28	0.00419	49.50	-21.21	0.00467

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00521	35.36	-7.07	0.00581
31.82	-3.54	0.00615	28.28	0.00	0.00653
26.16	2.12	0.00679	24.75	3.54	0.00699
23.33	4.95	0.00722	21.92	6.36	0.00749
20.51	7.78	0.00784	7.78	20.51	0.00981
6.36	21.92	0.00954	4.95	23.33	0.00931
3.54	24.75	0.00911	2.12	26.16	0.00892
0.00	28.28	0.00863	-3.54	31.82	0.00817
-7.07	35.36	0.00773	-14.14	42.43	0.00688
-21.21	49.50	0.00610	-28.28	56.57	0.00543
-35.36	63.64	0.00484	-42.43	70.71	0.00435
-49.50	77.78	0.00392	-56.57	84.85	0.00355

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

20:39:23

**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
77.78	-63.64	0.00279	70.71	-56.57	0.00306
63.64	-49.50	0.00338	56.57	-42.43	0.00375
49.50	-35.36	0.00417	42.43	-28.28	0.00465
35.36	-21.21	0.00519	28.28	-14.14	0.00579
24.75	-10.61	0.00613	21.21	-7.07	0.00651
19.09	-4.95	0.00677	17.68	-3.54	0.00697
16.26	-2.12	0.00720	14.85	-0.71	0.00746
13.44	0.71	0.00780	0.71	13.44	0.00979
-0.71	14.85	0.00952	-2.12	16.26	0.00929
-3.54	17.68	0.00908	-4.95	19.09	0.00888
-7.07	21.21	0.00860	-10.61	24.75	0.00815
-14.14	28.28	0.00770	-21.21	35.36	0.00685
-28.28	42.43	0.00608	-35.36	49.50	0.00540
-42.43	56.57	0.00482	-49.50	63.64	0.00432
-56.57	70.71	0.00389	-63.64	77.78	0.00353
70.71	-70.71	0.00277	63.64	-63.64	0.00305
56.57	-56.57	0.00336	49.50	-49.50	0.00373
42.43	-42.43	0.00415	35.36	-35.36	0.00463
28.28	-28.28	0.00517	21.21	-21.21	0.00577
17.68	-17.68	0.00610	14.14	-14.14	0.00648
12.02	-12.02	0.00674	10.61	-10.61	0.00694
9.19	-9.19	0.00717	7.78	-7.78	0.00743

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00777	-6.36	6.36	0.00976
-7.78	7.78	0.00948	-9.19	9.19	0.00926
-10.61	10.61	0.00905	-12.02	12.02	0.00885
-14.14	14.14	0.00858	-17.68	17.68	0.00812
-21.21	21.21	0.00768	-28.28	28.28	0.00682
-35.36	35.36	0.00605	-42.43	42.43	0.00537
-49.50	49.50	0.00479	-56.57	56.57	0.00429
-63.64	63.64	0.00387	-70.71	70.71	0.00350
63.64	-77.78	0.00275	56.57	-70.71	0.00303
49.50	-63.64	0.00334	42.43	-56.57	0.00371
35.36	-49.50	0.00413	28.28	-42.43	0.00461
21.21	-35.36	0.00514	14.14	-28.28	0.00574
10.61	-24.75	0.00607	7.07	-21.21	0.00645
4.95	-19.09	0.00671	3.54	-17.68	0.00691
2.12	-16.26	0.00714	0.71	-14.85	0.00740
-0.71	-13.44	0.00773	-13.44	-0.71	0.00972
-14.85	0.71	0.00945	-16.26	2.12	0.00922
-17.68	3.54	0.00902	-19.09	4.95	0.00882

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00854	-24.75	10.61	0.00809
-28.28	14.14	0.00764	-35.36	21.21	0.00679
-42.43	28.28	0.00602	-49.50	35.36	0.00534
-56.57	42.43	0.00476	-63.64	49.50	0.00426
-70.71	56.57	0.00384	-77.78	63.64	0.00347
56.57	-84.85	0.00274	49.50	-77.78	0.00301
42.43	-70.71	0.00332	35.36	-63.64	0.00369
28.28	-56.57	0.00410	21.21	-49.50	0.00458
14.14	-42.43	0.00511	7.07	-35.36	0.00571
3.54	-31.82	0.00604	0.00	-28.28	0.00642
-2.12	-26.16	0.00668	-3.54	-24.75	0.00688
-4.95	-23.33	0.00710	-6.36	-21.92	0.00737
-7.78	-20.51	0.00770	-20.51	-7.78	0.00969
-21.92	-6.36	0.00941	-23.33	-4.95	0.00919
-24.75	-3.54	0.00898	-26.16	-2.12	0.00879
-28.28	0.00	0.00851	-31.82	3.54	0.00805

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00760	-42.43	14.14	0.00675
-49.50	21.21	0.00598	-56.57	28.28	0.00530
-63.64	35.36	0.00472	-70.71	42.43	0.00423
-77.78	49.50	0.00380	-84.85	56.57	0.00344
49.50	-91.92	0.00271	42.43	-84.85	0.00298
35.36	-77.78	0.00330	28.28	-70.71	0.00366
21.21	-63.64	0.00407	14.14	-56.57	0.00455
7.07	-49.50	0.00508	0.00	-42.43	0.00567
-3.54	-38.89	0.00601	-7.07	-35.36	0.00638
-9.19	-33.23	0.00664	-10.61	-31.82	0.00684
-12.02	-30.41	0.00707	-13.44	-28.99	0.00733
-14.85	-27.58	0.00766	-27.58	-14.85	0.00965
-28.99	-13.44	0.00938	-30.41	-12.02	0.00915
-31.82	-10.61	0.00894	-33.23	-9.19	0.00875
-35.36	-7.07	0.00847	-38.89	-3.54	0.00801
-42.43	0.00	0.00756	-49.50	7.07	0.00671
-56.57	14.14	0.00594	-63.64	21.21	0.00527
-70.71	28.28	0.00469	-77.78	35.36	0.00419
-84.85	42.43	0.00377	-91.92	49.50	0.00340
42.43	-98.99	0.00269	35.36	-91.92	0.00296
28.28	-84.85	0.00327	21.21	-77.78	0.00363
14.14	-70.71	0.00404	7.07	-63.64	0.00451
0.00	-56.57	0.00504	-7.07	-49.50	0.00563
-10.61	-45.96	0.00596	-14.14	-42.43	0.00634

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00660	-17.68	-38.89	0.00680
-19.09	-37.48	0.00702	-20.51	-36.06	0.00730
-21.92	-34.65	0.00764	-34.65	-21.92	0.00960
-36.06	-20.51	0.00933	-37.48	-19.09	0.00910
-38.89	-17.68	0.00889	-40.31	-16.26	0.00870
-42.43	-14.14	0.00842	-45.96	-10.61	0.00796
-49.50	-7.07	0.00751	-56.57	0.00	0.00666
-63.64	7.07	0.00589	-70.71	14.14	0.00522
-77.78	21.21	0.00464	-84.85	28.28	0.00415
-91.92	35.36	0.00372	-98.99	42.43	0.00336

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00266	28.28	-98.99	0.00293
21.21	-91.92	0.00324	14.14	-84.85	0.00360
7.07	-77.78	0.00401	0.00	-70.71	0.00447
-7.07	-63.64	0.00500	-14.14	-56.57	0.00558
-17.68	-53.03	0.00591	-21.21	-49.50	0.00629
-23.33	-47.38	0.00655	-24.75	-45.96	0.00674
-26.16	-44.55	0.00697	-27.58	-43.13	0.00725
-28.99	-41.72	0.00760	-41.72	-28.99	0.00955
-43.13	-27.58	0.00928	-44.55	-26.16	0.00904
-45.96	-24.75	0.00884	-47.38	-23.33	0.00864
-49.50	-21.21	0.00837	-53.03	-17.68	0.00791
-56.57	-14.14	0.00746	-63.64	-7.07	0.00661
-70.71	0.00	0.00585	-77.78	7.07	0.00517
-84.85	14.14	0.00460	-91.92	21.21	0.00410
-98.99	28.28	0.00368	-106.07	35.36	0.00331
28.28	-113.14	0.00263	21.21	-106.07	0.00290
14.14	-98.99	0.00320	7.07	-91.92	0.00356
0.00	-84.85	0.00397	-7.07	-77.78	0.00443
-14.14	-70.71	0.00495	-21.21	-63.64	0.00553
-24.75	-60.10	0.00586	-28.28	-56.57	0.00623
-30.41	-54.45	0.00649	-31.82	-53.03	0.00669
-33.23	-51.62	0.00691	-34.65	-50.20	0.00718
-36.06	-48.79	0.00753	-48.79	-36.06	0.00949
-50.20	-34.65	0.00921	-51.62	-33.23	0.00898
-53.03	-31.82	0.00878	-54.45	-30.41	0.00859
-56.57	-28.28	0.00831	-60.10	-24.75	0.00785
-63.64	-21.21	0.00740	-70.71	-14.14	0.00656
-77.78	-7.07	0.00579	-84.85	0.00	0.00512
-91.92	7.07	0.00454	-98.99	14.14	0.00405
-106.07	21.21	0.00362	-113.14	28.28	0.00326

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00260	14.14	-113.14	0.00286
7.07	-106.07	0.00317	0.00	-98.99	0.00352
-7.07	-91.92	0.00392	-14.14	-84.85	0.00438
-21.21	-77.78	0.00490	-28.28	-70.71	0.00548

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00580	-35.36	-63.64	0.00617
-37.48	-61.52	0.00643	-38.89	-60.10	0.00663
-40.31	-58.69	0.00685	-41.72	-57.28	0.00711
-43.13	-55.86	0.00746	-55.86	-43.13	0.00942
-57.28	-41.72	0.00914	-58.69	-40.31	0.00892
-60.10	-38.89	0.00871	-61.52	-37.48	0.00852
-63.64	-35.36	0.00824	-67.18	-31.82	0.00778
-70.71	-28.28	0.00734	-77.78	-21.21	0.00649
-84.85	-14.14	0.00573	-91.92	-7.07	0.00506
-98.99	0.00	0.00448	-106.07	7.07	0.00399
-113.14	14.14	0.00356	-120.21	21.21	0.00320
14.14	-127.28	0.00256	7.07	-120.21	0.00282
0.00	-113.14	0.00313	-7.07	-106.07	0.00347
-14.14	-98.99	0.00387	-21.21	-91.92	0.00433
-28.28	-84.85	0.00484	-35.36	-77.78	0.00541
-38.89	-74.25	0.00574	-42.43	-70.71	0.00610
-44.55	-68.59	0.00636	-45.96	-67.18	0.00655
-47.38	-65.76	0.00678	-48.79	-64.35	0.00704
-50.20	-62.93	0.00738	-62.93	-50.20	0.00934
-64.35	-48.79	0.00907	-65.76	-47.38	0.00884
-67.18	-45.96	0.00863	-68.59	-44.55	0.00844
-70.71	-42.43	0.00816	-74.25	-38.89	0.00771
-77.78	-35.36	0.00727	-84.85	-28.28	0.00642
-91.92	-21.21	0.00566	-98.99	-14.14	0.00499
-106.07	-7.07	0.00441	-113.14	0.00	0.00392
-120.21	7.07	0.00350	-127.28	14.14	0.00313
7.07	-134.35	0.00253	0.00	-127.28	0.00278
-7.07	-120.21	0.00308	-14.14	-113.14	0.00342
-21.21	-106.07	0.00382	-28.28	-98.99	0.00427
-35.36	-91.92	0.00478	-42.43	-84.85	0.00534
-45.96	-81.32	0.00566	-49.50	-77.78	0.00603
-51.62	-75.66	0.00628	-53.03	-74.25	0.00647
-54.45	-72.83	0.00669	-55.86	-71.42	0.00696
-57.28	-70.00	0.00729	-70.00	-57.28	0.00926
-71.42	-55.86	0.00898	-72.83	-54.45	0.00875
-74.25	-53.03	0.00855	-75.66	-51.62	0.00835

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23

**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 ***

19NCRA_SR04-300_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	0.00808	-81.32	-45.96	0.00763
-84.85	-42.43	0.00718	-91.92	-35.36	0.00634
-98.99	-28.28	0.00558	-106.07	-21.21	0.00491
-113.14	-14.14	0.00434	-120.21	-7.07	0.00384
-127.28	0.00	0.00342	-134.35	7.07	0.00305
0.00	-141.42	0.00248	-7.07	-134.35	0.00274
-14.14	-127.28	0.00303	-21.21	-120.21	0.00337
-28.28	-113.14	0.00376	-35.36	-106.07	0.00420
-42.43	-98.99	0.00470	-49.50	-91.92	0.00526
-53.03	-88.39	0.00558	-56.57	-84.85	0.00594
-58.69	-82.73	0.00619	-60.10	-81.32	0.00638
-61.52	-79.90	0.00660	-62.93	-78.49	0.00686
-64.35	-77.07	0.00719	-77.07	-64.35	0.00916
-78.49	-62.93	0.00888	-79.90	-61.52	0.00865
-81.32	-60.10	0.00845	-82.73	-58.69	0.00826
-84.85	-56.57	0.00798	-88.39	-53.03	0.00753
-91.92	-49.50	0.00709	-98.99	-42.43	0.00625
-106.07	-35.36	0.00549	-113.14	-28.28	0.00482
-120.21	-21.21	0.00425	-127.28	-14.14	0.00375
-134.35	-7.07	0.00333	-141.42	0.00	0.00296
-7.07	-148.49	0.00244	-14.14	-141.42	0.00268
-21.21	-134.35	0.00297	-28.28	-127.28	0.00331
-35.36	-120.21	0.00369	-42.43	-113.14	0.00413
-49.50	-106.07	0.00462	-56.57	-98.99	0.00517
-60.10	-95.46	0.00548	-63.64	-91.92	0.00584
-65.76	-89.80	0.00609	-67.18	-88.39	0.00628
-68.59	-86.97	0.00650	-70.00	-85.56	0.00676
-71.42	-84.15	0.00708	-84.15	-71.42	0.00904
-85.56	-70.00	0.00877	-86.97	-68.59	0.00854
-88.39	-67.18	0.00834	-89.80	-65.76	0.00814
-91.92	-63.64	0.00787	-95.46	-60.10	0.00742
-98.99	-56.57	0.00698	-106.07	-49.50	0.00614
-113.14	-42.43	0.00538	-120.21	-35.36	0.00472
-127.28	-28.28	0.00414	-134.35	-21.21	0.00365
-141.42	-14.14	0.00323	-148.49	-7.07	0.00286
-14.14	-155.56	0.00239	-21.21	-148.49	0.00263
-28.28	-141.42	0.00291	-35.36	-134.35	0.00324
-42.43	-127.28	0.00362	-49.50	-120.21	0.00405
-56.57	-113.14	0.00452	-63.64	-106.07	0.00506
-67.18	-102.53	0.00537	-70.71	-98.99	0.00572

1 *** ISCST3 - VERSION 02035 ***
 04/18/08

*** NCRA Cumulative DPM Impacts

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

20:39:23
 **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
-72.83	-96.87	0.00597	-74.25	-95.46	0.00616
-75.66	-94.05	0.00638	-77.07	-92.63	0.00663
-78.49	-91.22	0.00696	-91.22	-78.49	0.00891
-92.63	-77.07	0.00864	-94.05	-75.66	0.00841
-95.46	-74.25	0.00821	-96.87	-72.83	0.00801
-98.99	-70.71	0.00774	-102.53	-67.18	0.00729
-106.07	-63.64	0.00685	-113.14	-56.57	0.00602
-120.21	-49.50	0.00526	-127.28	-42.43	0.00460
-134.35	-35.36	0.00402	-141.42	-28.28	0.00353
-148.49	-21.21	0.00310	-155.56	-14.14	0.00274
-21.21	-162.63	0.00233	-28.28	-155.56	0.00257
-35.36	-148.49	0.00284	-42.43	-141.42	0.00316
-49.50	-134.35	0.00353	-56.57	-127.28	0.00395
-63.64	-120.21	0.00442	-70.71	-113.14	0.00494
-74.25	-109.60	0.00524	-77.78	-106.07	0.00559
-79.90	-103.94	0.00583	-81.32	-102.53	0.00602
-82.73	-101.12	0.00623	-84.15	-99.70	0.00650
-85.56	-98.29	0.00683	-98.29	-85.56	0.00875
-99.70	-84.15	0.00848	-101.12	-82.73	0.00825
-102.53	-81.32	0.00805	-103.94	-79.90	0.00786
-106.07	-77.78	0.00758	-109.60	-74.25	0.00714
-113.14	-70.71	0.00670	-120.21	-63.64	0.00587
-127.28	-56.57	0.00512	-134.35	-49.50	0.00445
-141.42	-42.43	0.00388	-148.49	-35.36	0.00339
-155.56	-28.28	0.00296	-162.63	-21.21	0.00260
-28.28	-169.71	0.00227	-35.36	-162.63	0.00250
-42.43	-155.56	0.00277	-49.50	-148.49	0.00308
-56.57	-141.42	0.00344	-63.64	-134.35	0.00385
-70.71	-127.28	0.00430	-77.78	-120.21	0.00481
-81.32	-116.67	0.00510	-84.85	-113.14	0.00543
-86.97	-111.02	0.00567	-88.39	-109.60	0.00585
-89.80	-108.19	0.00606	-91.22	-106.77	0.00633
-92.63	-105.36	0.00666	-105.36	-92.63	0.00857
-106.77	-91.22	0.00829	-108.19	-89.80	0.00806
-109.60	-88.39	0.00786	-111.02	-86.97	0.00767
-113.14	-84.85	0.00740	-116.67	-81.32	0.00696

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00652	-127.28	-70.71	0.00570
-134.35	-63.64	0.00495	-141.42	-56.57	0.00428
-148.49	-49.50	0.00371	-155.56	-42.43	0.00321
-162.63	-35.36	0.00280	-169.71	-28.28	0.00245

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

20:39:23
 **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	0.00219	-42.43	-169.71	0.00242
-49.50	-162.63	0.00268	-56.57	-155.56	0.00299
-63.64	-148.49	0.00333	-70.71	-141.42	0.00373
-77.78	-134.35	0.00416	-84.85	-127.28	0.00465
-88.39	-123.74	0.00493	-91.92	-120.21	0.00525
-94.05	-118.09	0.00548	-95.46	-116.67	0.00565
-96.87	-115.26	0.00586	-98.29	-113.84	0.00611
-99.70	-112.43	0.00644	-112.43	-99.70	0.00834
-113.84	-98.29	0.00806	-115.26	-96.87	0.00784
-116.67	-95.46	0.00764	-118.09	-94.05	0.00745
-120.21	-91.92	0.00718	-123.74	-88.39	0.00674
-127.28	-84.85	0.00631	-134.35	-77.78	0.00549
-141.42	-70.71	0.00474	-148.49	-63.64	0.00407
-155.56	-56.57	0.00350	-162.63	-49.50	0.00301
-169.71	-42.43	0.00260	-176.78	-35.36	0.00226
-42.43	-183.85	0.00211	-49.50	-176.78	0.00233
-56.57	-169.71	0.00259	-63.64	-162.63	0.00288
-70.71	-155.56	0.00321	-77.78	-148.49	0.00359
-84.85	-141.42	0.00401	-91.92	-134.35	0.00447
-95.46	-130.81	0.00473	-98.99	-127.28	0.00503
-101.12	-125.16	0.00525	-102.53	-123.74	0.00542
-103.94	-122.33	0.00562	-105.36	-120.92	0.00586
-106.77	-119.50	0.00618	-119.50	-106.77	0.00806
-120.92	-105.36	0.00779	-122.33	-103.94	0.00756
-123.74	-102.53	0.00737	-125.16	-101.12	0.00718
-127.28	-98.99	0.00691	-130.81	-95.46	0.00648
-134.35	-91.92	0.00605	-141.42	-84.85	0.00523
-148.49	-77.78	0.00447	-155.56	-70.71	0.00381
-162.63	-63.64	0.00324	-169.71	-56.57	0.00277
-176.78	-49.50	0.00238	-183.85	-42.43	0.00206

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00201	-56.57	-183.85	0.00222
-63.64	-176.78	0.00247	-70.71	-169.71	0.00275
-77.78	-162.63	0.00308	-84.85	-155.56	0.00344
-91.92	-148.49	0.00383	-98.99	-141.42	0.00426
-102.53	-137.89	0.00450	-106.07	-134.35	0.00478
-108.19	-132.23	0.00498	-109.60	-130.81	0.00514
-111.02	-129.40	0.00533	-112.43	-127.99	0.00556
-113.84	-126.57	0.00587	-126.57	-113.84	0.00771
-127.99	-112.43	0.00745	-129.40	-111.02	0.00723
-130.81	-109.60	0.00703	-132.23	-108.19	0.00684

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***

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

20:39:23
 **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	0.00658	-137.89	-102.53	0.00615
-141.42	-98.99	0.00573	-148.49	-91.92	0.00490
-155.56	-84.85	0.00414	-162.63	-77.78	0.00348
-169.71	-70.71	0.00293	-176.78	-63.64	0.00249
-183.85	-56.57	0.00213	-190.92	-49.50	0.00184
-56.57	-197.99	0.00190	-63.64	-190.92	0.00210
-70.71	-183.85	0.00233	-77.78	-176.78	0.00260
-84.85	-169.71	0.00291	-91.92	-162.63	0.00326
-98.99	-155.56	0.00362	-106.07	-148.49	0.00401
-109.60	-144.96	0.00423	-113.14	-141.42	0.00448
-115.26	-139.30	0.00466	-116.67	-137.89	0.00481
-118.09	-136.47	0.00498	-119.50	-135.06	0.00520
-120.92	-133.64	0.00548	-133.64	-120.92	0.00728
-135.06	-119.50	0.00701	-136.47	-118.09	0.00679
-137.89	-116.67	0.00660	-139.30	-115.26	0.00642
-141.42	-113.14	0.00616	-144.96	-109.60	0.00573
-148.49	-106.07	0.00530	-155.56	-98.99	0.00445
-162.63	-91.92	0.00370	-169.71	-84.85	0.00307
-176.78	-77.78	0.00257	-183.85	-70.71	0.00217
-190.92	-63.64	0.00186	-197.99	-56.57	0.00161
-63.64	-205.06	0.00179	-70.71	-197.99	0.00197
-77.78	-190.92	0.00218	-84.85	-183.85	0.00243
-91.92	-176.78	0.00271	-98.99	-169.71	0.00304
-106.07	-162.63	0.00338	-113.14	-155.56	0.00373

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00392	-120.21	-148.49	0.00413
-122.33	-146.37	0.00429	-123.74	-144.96	0.00441
-125.16	-143.54	0.00456	-126.57	-142.13	0.00475
-127.99	-140.71	0.00501	-140.71	-127.99	0.00671
-142.13	-126.57	0.00645	-143.54	-125.16	0.00623
-144.96	-123.74	0.00604	-146.37	-122.33	0.00586
-148.49	-120.21	0.00559	-152.03	-116.67	0.00515
-155.56	-113.14	0.00470	-162.63	-106.07	0.00386
-169.71	-98.99	0.00315	-176.78	-91.92	0.00260
-183.85	-84.85	0.00217	-190.92	-77.78	0.00184
-197.99	-70.71	0.00158	-205.06	-63.64	0.00138
-70.71	-212.13	0.00166	-77.78	-205.06	0.00182
-84.85	-197.99	0.00201	-91.92	-190.92	0.00223
-98.99	-183.85	0.00248	-106.07	-176.78	0.00277
-113.14	-169.71	0.00308	-120.21	-162.63	0.00340
-123.74	-159.10	0.00355	-127.28	-155.56	0.00372

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

20:39:23

**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	0.00384	-130.81	-152.03	0.00394
-132.23	-150.61	0.00405	-133.64	-149.20	0.00421
-135.06	-147.79	0.00443	-147.79	-135.06	0.00594
-149.20	-133.64	0.00567	-150.61	-132.23	0.00546
-152.03	-130.81	0.00525	-153.44	-129.40	0.00506
-155.56	-127.28	0.00477	-159.10	-123.74	0.00430
-162.63	-120.21	0.00386	-169.71	-113.14	0.00309
-176.78	-106.07	0.00251	-183.85	-98.99	0.00208
-190.92	-91.92	0.00176	-197.99	-84.85	0.00150
-205.06	-77.78	0.00131	-212.13	-70.71	0.00115
-77.78	-219.20	0.00152	-84.85	-212.13	0.00166
-91.92	-205.06	0.00183	-98.99	-197.99	0.00201
-106.07	-190.92	0.00223	-113.14	-183.85	0.00246
-120.21	-176.78	0.00271	-127.28	-169.71	0.00296
-130.81	-166.17	0.00309	-134.35	-162.63	0.00323
-136.47	-160.51	0.00331	-137.89	-159.10	0.00338
-139.30	-157.68	0.00346	-140.71	-156.27	0.00356
-142.13	-154.86	0.00372	-154.86	-142.13	0.00478

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-156.27	-140.71	0.00449	-157.68	-139.30	0.00424
-159.10	-137.89	0.00401	-160.51	-136.47	0.00380
-162.63	-134.35	0.00351	-166.17	-130.81	0.00309
-169.71	-127.28	0.00275	-176.78	-120.21	0.00223
-183.85	-113.14	0.00186	-190.92	-106.07	0.00157
-197.99	-98.99	0.00135	-205.06	-91.92	0.00118
-212.13	-84.85	0.00104	-219.20	-77.78	0.00093
-84.85	-226.27	0.00137	-91.92	-219.20	0.00149
-98.99	-212.13	0.00162	-106.07	-205.06	0.00176
-113.14	-197.99	0.00193	-120.21	-190.92	0.00210
-127.28	-183.85	0.00228	-134.35	-176.78	0.00244
-137.89	-173.24	0.00251	-141.42	-169.71	0.00258
-143.54	-167.58	0.00262	-144.96	-166.17	0.00265
-146.37	-164.76	0.00269	-147.79	-163.34	0.00275
-149.20	-161.93	0.00283	-161.93	-149.20	0.00268
-163.34	-147.79	0.00243	-164.76	-146.37	0.00225
-166.17	-144.96	0.00213	-167.58	-143.54	0.00203
-169.71	-141.42	0.00191	-173.24	-137.89	0.00176
-176.78	-134.35	0.00163	-183.85	-127.28	0.00143
-190.92	-120.21	0.00126	-197.99	-113.14	0.00112
-205.06	-106.07	0.00101	-212.13	-98.99	0.00091
-219.20	-91.92	0.00082	-226.27	-84.85	0.00075

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00122	-98.99	-226.27	0.00131
-106.07	-219.20	0.00141	-113.14	-212.13	0.00151
-120.21	-205.06	0.00162	-127.28	-197.99	0.00172
-134.35	-190.92	0.00180	-141.42	-183.85	0.00183
-144.96	-180.31	0.00182	-148.49	-176.78	0.00178
-150.61	-174.66	0.00174	-152.03	-173.24	0.00170
-153.44	-171.83	0.00166	-154.86	-170.41	0.00161
-156.27	-169.00	0.00154	-169.00	-156.27	0.00105
-170.41	-154.86	0.00103	-171.83	-153.44	0.00102
-173.24	-152.03	0.00101	-174.66	-150.61	0.00100
-176.78	-148.49	0.00100	-180.31	-144.96	0.00098
-183.85	-141.42	0.00097	-190.92	-134.35	0.00093

19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00087	-205.06	-120.21	0.00082
-212.13	-113.14	0.00076	-219.20	-106.07	0.00070
-226.27	-98.99	0.00065	-233.35	-91.92	0.00061
-98.99	-240.42	0.00107	-106.07	-233.35	0.00113
-113.14	-226.27	0.00120	-120.21	-219.20	0.00126
-127.28	-212.13	0.00131	-134.35	-205.06	0.00135
-141.42	-197.99	0.00136	-148.49	-190.92	0.00133
-152.03	-187.38	0.00128	-155.56	-183.85	0.00121
-157.68	-181.73	0.00117	-159.10	-180.31	0.00115
-160.51	-178.90	0.00112	-161.93	-177.48	0.00110
-163.34	-176.07	0.00108	-176.07	-163.34	0.00084
-177.48	-161.93	0.00083	-178.90	-160.51	0.00082
-180.31	-159.10	0.00081	-181.73	-157.68	0.00079
-183.85	-155.56	0.00078	-187.38	-152.03	0.00075
-190.92	-148.49	0.00073	-197.99	-141.42	0.00070
-205.06	-134.35	0.00067	-212.13	-127.28	0.00063
-219.20	-120.21	0.00060	-226.27	-113.14	0.00057
-233.35	-106.07	0.00053	-240.42	-98.99	0.00050
-106.07	-247.49	0.00093	-113.14	-240.42	0.00097
-120.21	-233.35	0.00101	-127.28	-226.27	0.00104
-134.35	-219.20	0.00106	-141.42	-212.13	0.00107
-148.49	-205.06	0.00105	-155.56	-197.99	0.00099
-159.10	-194.45	0.00095	-162.63	-190.92	0.00093
-164.76	-188.80	0.00092	-166.17	-187.38	0.00091
-167.58	-185.97	0.00090	-169.00	-184.55	0.00089
-170.41	-183.14	0.00088	-183.14	-170.41	0.00071
-184.55	-169.00	0.00070	-185.97	-167.58	0.00069
-187.38	-166.17	0.00069	-188.80	-164.76	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** 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: 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	0.00067	-194.45	-159.10	0.00064
-197.99	-155.56	0.00062	-205.06	-148.49	0.00058
-212.13	-141.42	0.00055	-219.20	-134.35	0.00052
-226.27	-127.28	0.00050	-233.35	-120.21	0.00047
-240.42	-113.14	0.00045	-247.49	-106.07	0.00043

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

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19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00754 AT (-105.36, -92.63, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00752 AT (-112.43, -99.70, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00737 AT (-119.50, -106.77, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (-106.77, -91.22, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00725 AT (-113.84, -98.29, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712 AT (-126.57, -113.84, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00710 AT (-120.92, -105.36, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00707 AT (-108.19, -89.80, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00704 AT (-115.26, -96.87, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00689 AT (-122.33, -103.94, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00754 AT (-41.72, -28.99, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00751 AT (-48.79, -36.06, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00737 AT (-55.86, -43.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (-43.13, -27.58, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00725 AT (-50.20, -34.65, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712 AT (-62.93, -50.20, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00710 AT (-57.28, -41.72, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00707 AT (-44.55, -26.16, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00704 AT (-51.62, -33.23, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00689 AT (-58.69, -40.31, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00754 AT (21.92, 34.65, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00751 AT (14.85, 27.58, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00737 AT (7.78, 20.51, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (20.51, 36.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00725 AT (13.44, 28.99, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712 AT (0.71, 13.44, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00710 AT (6.36, 21.92, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00707 AT (19.09, 37.48, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00704 AT (12.02, 30.41, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00689 AT (4.95, 23.33, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00754 AT (85.56, 98.29, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00751 AT (78.49, 91.22, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00737 AT (71.42, 84.15, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (84.15, 99.70, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00725 AT (77.07, 92.63, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712 AT (64.35, 77.07, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00710 AT (70.00, 85.56, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00707 AT (82.73, 101.12, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00704 AT (75.66, 94.05, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00689 AT (68.59, 86.97, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00754 AT (149.20, 161.93, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00751 AT (142.13, 154.86, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00737 AT (135.06, 147.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (147.79, 163.34, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00725 AT (140.71, 156.27, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00712 AT (127.99, 140.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00710 AT (133.64, 149.20, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00707 AT (146.37, 164.76, 0.00, 1.20)	DC	NA

		19NCRA_SR04-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00704	AT (	139.30,	157.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00689	AT (	132.23,	150.61,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00991	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00991	AT (	57.28,	70.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00991	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00991	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00990	AT (	50.20,	62.93,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00990	AT (	85.56,	98.29,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00990	AT (	43.13,	55.86,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00989	AT (	36.06,	48.79,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00988	AT (	92.63,	105.36,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00988	AT (	28.99,	41.72,	0.00,	1.20)	DC	NA

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 104 Informational Message(s)
 A Total of 104 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
