

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 20:31:54

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\18NCRA_SR03-300_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
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 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
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RE DISCCART	-26.16	-44.55	1.2
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RE DISCCART	-41.72	-28.99	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-44.55	-26.16	1.2
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RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-56.57	-14.14	1.2

RE DISCCART -63.64 -7.07 1.2
RE DISCCART -70.71 0.0 1.2
RE DISCCART -77.78 7.07 1.2
RE DISCCART -84.85 14.14 1.2
RE DISCCART -91.92 21.21 1.2
RE DISCCART -98.99 28.28 1.2
RE DISCCART -106.07 35.36 1.2
RE DISCCART 28.28 -113.14 1.2
RE DISCCART 21.21 -106.07 1.2
RE DISCCART 14.14 -98.99 1.2
RE DISCCART 7.07 -91.92 1.2
RE DISCCART 0.0 -84.85 1.2
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RE DISCCART -77.78 -7.07 1.2
RE DISCCART -84.85 0.0 1.2
RE DISCCART -91.92 7.07 1.2
RE DISCCART -98.99 14.14 1.2
RE DISCCART -106.07 21.21 1.2
RE DISCCART -113.14 28.28 1.2
RE DISCCART 21.21 -120.21 1.2
RE DISCCART 14.14 -113.14 1.2
RE DISCCART 7.07 -106.07 1.2
RE DISCCART 0.0 -98.99 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -77.78 1.2

RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-41.72	-57.28	1.2
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RE DISCCART	-55.86	-43.13	1.2
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RE DISCCART	-61.52	-37.48	1.2
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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	-48.79	-64.35	1.2
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RE DISCCART	-64.35	-48.79	1.2
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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
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RE DISCCART	7.07	-134.35	1.2
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RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
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RE DISCCART	-49.5	-77.78	1.2
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RE DISCCART	-74.25	-53.03	1.2
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RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-14.14	1.2
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RE DISCCART	-127.28	0.0	1.2
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	-79.9	-61.52	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
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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
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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
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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	-14.14	-155.56	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-35.36	-134.35	1.2
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RE DISCCART	-49.5	-120.21	1.2
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RE DISCCART	-70.71	-98.99	1.2
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RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-92.63	-77.07	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
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-35.36	-148.49	1.2

RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-63.64	-120.21	1.2
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RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-79.9	-103.94	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	-127.28	-56.57	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-42.43	-155.56	1.2
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RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-77.78	-120.21	1.2
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RE DISCCART	-84.85	-113.14	1.2
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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
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RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
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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
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RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-63.64	-148.49	1.2
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RE DISCCART	-84.85	-127.28	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
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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
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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
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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
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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
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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
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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	-155.56	-127.28	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-137.89	-159.1	1.2
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
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RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
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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
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 RE DISCCART -162.63 -190.92 1.2
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 RE DISCCART -183.14 -170.41 1.2
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 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
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 RE DISCCART -247.49 -106.07 1.2
 RE FINISHED

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OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\18NCRA_SR03-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\18NCRA_SR03-300_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 ***

20:31:55

**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\18NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\SANTAR~1\18NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08
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 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-92.3	-98.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S2	0	0.21100E-07	-28.6	-35.0	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S3	0	0.21100E-07	35.0	28.6	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S4	0	0.21100E-07	98.6	92.3	0.0	4.95	9.00	90.00	-135.00	2.30
NCRA_S5	0	0.21100E-07	162.3	155.9	0.0	4.95	9.00	90.00	-135.00	2.30

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
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 **MODELOPTs:
 PAGE 3
 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08
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 **MODELOPTs:
 PAGE 4
 CONC URBAN FLAT FLGPOL DFAULT

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

(247.5, 106.1, 0.0, 1.2); (240.4, 113.1, 0.0, 1.2);
 (233.4, 120.2, 0.0, 1.2); (226.3, 127.3, 0.0, 1.2);
 (219.2, 134.4, 0.0, 1.2); (212.1, 141.4, 0.0, 1.2);

18NCRA_SR03-300_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

20:31:55

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

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

18NCRA_SR03-300_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 ***

20:31:55

**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);

18NCRA_SR03-300_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 ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

18NCRA_SR03-300_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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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);

18NCRA_SR03-300_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 ***

20:31:55

**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);

18NCRA_SR03-300_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

20:31:55

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

18NCRA_SR03-300_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);

18NCRA_SR03-300_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

20:31:55

**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);

18NCRA_SR03-300_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 ***

20:31:55

**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);

18NCRA_SR03-300_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 ***

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**MODELOPTs:

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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);

18NCRA_SR03-300_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

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**MODELOPTs:

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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);

18NCRA_SR03-300_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 *** *** 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)

(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);

18NCRA_SR03-300_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

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

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**MODELOPTs:
PAGE 16
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);

18NCRA_SR03-300_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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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);

18NCRA_SR03-300_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);

18NCRA_SR03-300_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 ***
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

*** 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);

18NCRA_SR03-300_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 ***

20:31:55
 **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);

18NCRA_SR03-300_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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 CONC

URBAN FLAT FLGPOL DFAULT

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

18NCRA_SR03-300_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)
03	01	01	01	140.8	1.39	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	02	179.4	1.12	277.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	03	119.8	1.12	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	04	155.3	1.00	276.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	05	284.4	1.12	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	06	298.3	1.00	276.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	07	306.8	1.25	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	08	87.1	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	09	186.7	1.00	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	10	159.1	1.03	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	11	81.8	1.00	278.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	12	138.4	1.00	279.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	13	129.3	1.12	281.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	14	161.0	1.74	282.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	15	179.4	1.07	284.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	16	51.7	1.00	284.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	17	155.0	1.16	284.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	18	120.2	1.39	282.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	19	321.3	1.12	281.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	20	159.0	1.39	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	21	311.1	1.30	280.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	22	184.3	1.16	280.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	23	189.6	1.56	280.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	24	147.2	1.43	279.9	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 ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00008	240.42	113.14	0.00009
233.35	120.21	0.00009	226.27	127.28	0.00009
219.20	134.35	0.00009	212.13	141.42	0.00009
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	0.00010
169.00	184.55	0.00010	167.58	185.97	0.00010
166.17	187.38	0.00010	164.76	188.80	0.00010
162.63	190.92	0.00010	159.10	194.45	0.00010
155.56	197.99	0.00010	148.49	205.06	0.00010
141.42	212.13	0.00010	134.35	219.20	0.00010
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	0.00009	219.20	120.21	0.00009

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

212.13	127.28	0.00010	205.06	134.35	0.00010
197.99	141.42	0.00010	190.92	148.49	0.00010
187.38	152.03	0.00010	183.85	155.56	0.00010
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00010
176.07	163.34	0.00010	163.34	176.07	0.00010
161.93	177.48	0.00010	160.51	178.90	0.00010
159.10	180.31	0.00010	157.68	181.73	0.00010
155.56	183.85	0.00010	152.03	187.38	0.00010
148.49	190.92	0.00010	141.42	197.99	0.00010
134.35	205.06	0.00010	127.28	212.13	0.00010
120.21	219.20	0.00010	113.14	226.27	0.00010
106.07	233.35	0.00010	98.99	240.42	0.00010
233.35	91.92	0.00009	226.27	98.99	0.00009
219.20	106.07	0.00010	212.13	113.14	0.00010
205.06	120.21	0.00010	197.99	127.28	0.00010
190.92	134.35	0.00010	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	0.00011
154.86	170.41	0.00011	153.44	171.83	0.00011
152.03	173.24	0.00011	150.61	174.66	0.00011

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

20:31:55
 **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	0.00011	144.96	180.31	0.00011
141.42	183.85	0.00011	134.35	190.92	0.00011
127.28	197.99	0.00011	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	0.00009	219.20	91.92	0.00010
212.13	98.99	0.00010	205.06	106.07	0.00010
197.99	113.14	0.00011	190.92	120.21	0.00011
183.85	127.28	0.00011	176.78	134.35	0.00011
173.24	137.89	0.00011	169.71	141.42	0.00011
167.58	143.54	0.00011	166.17	144.96	0.00011

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

164.76	146.37	0.00011	163.34	147.79	0.00011
161.93	149.20	0.00011	149.20	161.93	0.00011
147.79	163.34	0.00011	146.37	164.76	0.00011
144.96	166.17	0.00011	143.54	167.58	0.00011
141.42	169.71	0.00011	137.89	173.24	0.00011
134.35	176.78	0.00011	127.28	183.85	0.00011
120.21	190.92	0.00011	113.14	197.99	0.00011
106.07	205.06	0.00011	99.00	212.13	0.00011
91.92	219.20	0.00011	84.85	226.27	0.00011
219.20	77.78	0.00010	212.13	84.85	0.00010
205.06	91.92	0.00010	197.99	98.99	0.00011
190.92	106.07	0.00011	183.85	113.14	0.00011
176.78	120.21	0.00011	169.71	127.28	0.00012
166.17	130.81	0.00012	162.63	134.35	0.00012
160.51	136.47	0.00012	159.10	137.89	0.00012
157.68	139.30	0.00012	156.27	140.71	0.00012
154.86	142.13	0.00012	142.13	154.86	0.00012
140.71	156.27	0.00012	139.30	157.68	0.00012
137.89	159.10	0.00012	136.47	160.51	0.00012
134.35	162.63	0.00012	130.81	166.17	0.00012
127.28	169.71	0.00012	120.21	176.78	0.00012
113.14	183.85	0.00012	106.07	190.92	0.00012
99.00	197.99	0.00012	91.92	205.06	0.00012
84.85	212.13	0.00012	77.78	219.20	0.00012
212.13	70.71	0.00010	205.06	77.78	0.00011
197.99	84.85	0.00011	190.92	91.92	0.00011
183.85	98.99	0.00012	176.78	106.07	0.00012
169.71	113.14	0.00012	162.63	120.21	0.00012
159.10	123.74	0.00012	155.56	127.28	0.00012

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

20:31:55
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00012	152.03	130.81	0.00012
150.61	132.23	0.00012	149.20	133.64	0.00012
147.79	135.06	0.00012	135.06	147.79	0.00013
133.64	149.20	0.00013	132.23	150.61	0.00013
130.81	152.03	0.00013	129.40	153.44	0.00013

18NCRA_SR03-300_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	0.00012	84.85	197.99	0.00012
77.78	205.06	0.00012	70.71	212.13	0.00012
205.06	63.64	0.00011	197.99	70.71	0.00011
190.92	77.78	0.00011	183.85	84.85	0.00012
176.78	91.92	0.00012	169.71	98.99	0.00012
162.63	106.07	0.00013	155.56	113.14	0.00013
152.03	116.67	0.00013	148.49	120.21	0.00013
146.37	122.33	0.00013	144.96	123.74	0.00013
143.54	125.16	0.00013	142.13	126.57	0.00013
140.71	127.99	0.00013	127.99	140.71	0.00013
126.57	142.13	0.00013	125.16	143.54	0.00013
123.74	144.96	0.00013	122.33	146.37	0.00013
120.21	148.49	0.00013	116.67	152.03	0.00013
113.14	155.56	0.00013	106.07	162.63	0.00013
98.99	169.71	0.00013	91.92	176.78	0.00013
84.85	183.85	0.00013	77.78	190.92	0.00013
70.71	197.99	0.00013	63.64	205.06	0.00013
197.99	56.57	0.00011	190.92	63.64	0.00011
183.85	70.71	0.00012	176.78	77.78	0.00012
169.71	84.85	0.00013	162.63	91.92	0.00013
155.56	98.99	0.00013	148.49	106.07	0.00013
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	0.00014	135.06	119.50	0.00014
133.64	120.92	0.00014	120.92	133.64	0.00014
119.50	135.06	0.00014	118.09	136.47	0.00014
116.67	137.89	0.00014	115.26	139.30	0.00014
113.14	141.42	0.00014	109.60	144.96	0.00014
106.07	148.49	0.00014	98.99	155.56	0.00014
91.92	162.63	0.00014	84.85	169.71	0.00014
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 ***
 20:31:55
 **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 **

18NCRA_SR03-300_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	0.00012
176.78	63.64	0.00012	169.71	70.71	0.00013
162.63	77.78	0.00013	155.56	84.85	0.00014
148.49	91.92	0.00014	141.42	98.99	0.00014
137.89	102.53	0.00014	134.35	106.07	0.00014
132.23	108.19	0.00014	130.81	109.60	0.00014
129.40	111.02	0.00014	127.99	112.43	0.00014
126.57	113.84	0.00015	113.84	126.57	0.00015
112.43	127.99	0.00015	111.02	129.40	0.00015
109.60	130.81	0.00015	108.19	132.23	0.00015
106.07	134.35	0.00015	102.53	137.89	0.00015
98.99	141.42	0.00015	91.92	148.49	0.00015
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	0.00014	49.50	190.92	0.00014
183.85	42.43	0.00012	176.78	49.50	0.00013
169.71	56.57	0.00013	162.63	63.64	0.00013
155.56	70.71	0.00014	148.49	77.78	0.00014
141.42	84.85	0.00015	134.35	91.92	0.00015
130.81	95.46	0.00015	127.28	98.99	0.00015
125.16	101.12	0.00015	123.74	102.53	0.00015
122.33	103.94	0.00015	120.92	105.36	0.00015
119.50	106.77	0.00015	106.77	119.50	0.00015
105.36	120.92	0.00015	103.94	122.33	0.00015
102.53	123.74	0.00015	101.12	125.16	0.00015
98.99	127.28	0.00015	95.46	130.81	0.00015
91.92	134.35	0.00015	84.85	141.42	0.00015
77.78	148.49	0.00015	70.71	155.56	0.00015
63.64	162.63	0.00015	56.57	169.71	0.00015
49.50	176.78	0.00015	42.43	183.85	0.00015
176.78	35.36	0.00013	169.71	42.43	0.00013
162.63	49.50	0.00014	155.56	56.57	0.00014
148.49	63.64	0.00015	141.42	70.71	0.00015
134.35	77.78	0.00015	127.28	84.85	0.00016
123.74	88.39	0.00016	120.21	91.92	0.00016
118.09	94.05	0.00016	116.67	95.46	0.00016
115.26	96.87	0.00016	113.84	98.29	0.00016
112.43	99.70	0.00016	99.70	112.43	0.00016
98.29	113.84	0.00016	96.87	115.26	0.00016
95.46	116.67	0.00016	94.05	118.09	0.00016

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

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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	0.00016	88.39	123.74	0.00016
84.85	127.28	0.00016	77.78	134.35	0.00016
70.71	141.42	0.00016	63.64	148.49	0.00016
56.57	155.56	0.00016	49.50	162.63	0.00016
42.43	169.71	0.00016	35.36	176.78	0.00016
169.71	28.28	0.00013	162.63	35.36	0.00014
155.56	42.43	0.00014	148.49	49.50	0.00015
141.42	56.57	0.00015	134.35	63.64	0.00016
127.28	70.71	0.00016	120.21	77.78	0.00017
116.67	81.32	0.00017	113.14	84.85	0.00017
111.02	86.97	0.00017	109.60	88.39	0.00017
108.19	89.80	0.00017	106.77	91.22	0.00017
105.36	92.63	0.00017	92.63	105.36	0.00017
91.22	106.77	0.00017	89.80	108.19	0.00017
88.39	109.60	0.00017	86.97	111.02	0.00017
84.85	113.14	0.00017	81.32	116.67	0.00017
77.78	120.21	0.00017	70.71	127.28	0.00017
63.64	134.35	0.00017	56.57	141.42	0.00017
49.50	148.49	0.00017	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	0.00014
148.49	35.36	0.00015	141.42	42.43	0.00016
134.35	49.50	0.00016	127.28	56.57	0.00017
120.21	63.64	0.00017	113.14	70.71	0.00018
109.60	74.25	0.00018	106.07	77.78	0.00018
103.94	79.90	0.00018	102.53	81.32	0.00018
101.12	82.73	0.00018	99.70	84.15	0.00018
98.29	85.56	0.00018	85.56	98.29	0.00018
84.15	99.70	0.00018	82.73	101.12	0.00018
81.32	102.53	0.00018	79.90	103.94	0.00018
77.78	106.07	0.00018	74.25	109.60	0.00018
70.71	113.14	0.00018	63.64	120.21	0.00018
56.57	127.28	0.00018	49.50	134.35	0.00018
42.43	141.42	0.00018	35.36	148.49	0.00018
28.28	155.56	0.00018	21.21	162.63	0.00018
155.56	14.14	0.00014	148.49	21.21	0.00015
141.42	28.28	0.00016	134.35	35.36	0.00016

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

127.28	42.43	0.00017	120.21	49.50	0.00018
113.14	56.57	0.00018	106.07	63.64	0.00019
102.53	67.18	0.00019	98.99	70.71	0.00019

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

20:31:55
 **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	0.00019	95.46	74.25	0.00019
94.05	75.66	0.00019	92.63	77.07	0.00019
91.22	78.49	0.00019	78.49	91.22	0.00020
77.07	92.63	0.00020	75.66	94.05	0.00020
74.25	95.46	0.00020	72.83	96.87	0.00020
70.71	98.99	0.00020	67.18	102.53	0.00020
63.64	106.07	0.00020	56.57	113.14	0.00020
49.50	120.21	0.00020	42.43	127.28	0.00019
35.36	134.35	0.00019	28.28	141.42	0.00019
21.21	148.49	0.00019	14.14	155.56	0.00019
148.49	7.07	0.00015	141.42	14.14	0.00016
134.35	21.21	0.00017	127.28	28.28	0.00017
120.21	35.36	0.00018	113.14	42.43	0.00019
106.07	49.50	0.00019	98.99	56.57	0.00020
95.46	60.10	0.00020	91.92	63.64	0.00020
89.80	65.76	0.00020	88.39	67.18	0.00020
86.97	68.59	0.00021	85.56	70.00	0.00021
84.15	71.42	0.00021	71.42	84.15	0.00021
70.00	85.56	0.00021	68.59	86.97	0.00021
67.18	88.39	0.00021	65.76	89.80	0.00021
63.64	91.92	0.00021	60.10	95.46	0.00021
56.57	98.99	0.00021	49.50	106.07	0.00021
42.43	113.14	0.00021	35.36	120.21	0.00021
28.28	127.28	0.00021	21.21	134.35	0.00021
14.14	141.42	0.00021	7.07	148.49	0.00021
141.42	0.00	0.00016	134.35	7.07	0.00017
127.28	14.14	0.00017	120.21	21.21	0.00018
113.14	28.28	0.00019	106.07	35.36	0.00020
98.99	42.43	0.00021	91.92	49.50	0.00021
88.39	53.03	0.00022	84.85	56.57	0.00022
82.73	58.69	0.00022	81.32	60.10	0.00022

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:31:55

**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	0.00017	127.28	0.00	0.00018
120.21	7.07	0.00018	113.14	14.14	0.00019
106.07	21.21	0.00020	98.99	28.28	0.00021
91.92	35.36	0.00022	84.85	42.43	0.00023
81.32	45.96	0.00023	77.78	49.50	0.00023
75.66	51.62	0.00023	74.25	53.03	0.00023
72.83	54.45	0.00023	71.42	55.86	0.00024
70.00	57.28	0.00024	57.28	70.00	0.00024
55.86	71.42	0.00024	54.45	72.83	0.00024
53.03	74.25	0.00024	51.62	75.66	0.00024
49.50	77.78	0.00024	45.96	81.32	0.00024
42.43	84.85	0.00024	35.36	91.92	0.00024
28.28	98.99	0.00024	21.21	106.07	0.00024
14.14	113.14	0.00024	7.07	120.21	0.00024
0.00	127.28	0.00024	-7.07	134.35	0.00023
127.28	-14.14	0.00018	120.21	-7.07	0.00019
113.14	0.00	0.00020	106.07	7.07	0.00021
98.99	14.14	0.00022	91.92	21.21	0.00023
84.85	28.28	0.00024	77.78	35.36	0.00024
74.25	38.89	0.00025	70.71	42.43	0.00025
68.59	44.55	0.00025	67.18	45.96	0.00025
65.76	47.38	0.00025	64.35	48.79	0.00025
62.93	50.20	0.00025	50.20	62.93	0.00026
48.79	64.35	0.00026	47.38	65.76	0.00026
45.96	67.18	0.00026	44.55	68.59	0.00026

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

42.43	70.71	0.00026	38.89	74.25	0.00026
35.36	77.78	0.00026	28.28	84.85	0.00026
21.21	91.92	0.00026	14.14	98.99	0.00025
7.07	106.07	0.00025	0.00	113.14	0.00025
-7.07	120.21	0.00025	-14.14	127.28	0.00025
120.21	-21.21	0.00019	113.14	-14.14	0.00020
106.07	-7.07	0.00021	98.99	0.00	0.00022
91.92	7.07	0.00023	84.85	14.14	0.00024
77.78	21.21	0.00025	70.71	28.28	0.00026
67.18	31.82	0.00026	63.64	35.36	0.00027
61.52	37.48	0.00027	60.10	38.89	0.00027
58.69	40.31	0.00027	57.28	41.72	0.00027
55.86	43.13	0.00027	43.13	55.86	0.00028
41.72	57.28	0.00028	40.31	58.69	0.00028
38.89	60.10	0.00028	37.48	61.52	0.00028

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

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

20:31:55

**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	0.00028	31.82	67.18	0.00028
28.28	70.71	0.00028	21.21	77.78	0.00028
14.14	84.85	0.00028	7.07	91.92	0.00027
0.00	98.99	0.00027	-7.07	106.07	0.00027
-14.14	113.14	0.00027	-21.21	120.21	0.00027
113.14	-28.28	0.00020	106.07	-21.21	0.00021
98.99	-14.14	0.00022	91.92	-7.07	0.00023
84.85	0.00	0.00024	77.78	7.07	0.00026
70.71	14.14	0.00027	63.64	21.21	0.00028
60.10	24.75	0.00028	56.57	28.28	0.00029
54.45	30.41	0.00029	53.03	31.82	0.00029
51.62	33.23	0.00029	50.20	34.65	0.00029
48.79	36.06	0.00029	36.06	48.79	0.00030
34.65	50.20	0.00030	33.23	51.62	0.00030
31.82	53.03	0.00030	30.41	54.45	0.00030
28.28	56.57	0.00030	24.75	60.10	0.00030
21.21	63.64	0.00030	14.14	70.71	0.00030
7.07	77.78	0.00030	0.00	84.85	0.00030
-7.07	91.92	0.00030	-14.14	98.99	0.00029

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-21.21	106.07	0.00029	-28.28	113.14	0.00029
106.07	-35.36	0.00021	98.99	-28.28	0.00022
91.92	-21.21	0.00023	84.85	-14.14	0.00025
77.78	-7.07	0.00026	70.71	0.00	0.00028
63.64	7.07	0.00029	56.57	14.14	0.00030
53.03	17.68	0.00031	49.50	21.21	0.00031
47.38	23.33	0.00031	45.96	24.75	0.00032
44.55	26.16	0.00032	43.13	27.58	0.00032
41.72	28.99	0.00032	28.99	41.72	0.00032
27.58	43.13	0.00032	26.16	44.55	0.00032
24.75	45.96	0.00032	23.33	47.38	0.00032
21.21	49.50	0.00032	17.68	53.03	0.00032
14.14	56.57	0.00032	7.07	63.64	0.00032
0.00	70.71	0.00032	-7.07	77.78	0.00032
-14.14	84.85	0.00032	-21.21	91.92	0.00032
-28.28	98.99	0.00032	-35.36	106.07	0.00032
98.99	-42.43	0.00023	91.92	-35.36	0.00024
84.85	-28.28	0.00025	77.78	-21.21	0.00026
70.71	-14.14	0.00028	63.64	-7.07	0.00030
56.57	0.00	0.00031	49.50	7.07	0.00033
45.96	10.61	0.00033	42.43	14.14	0.00034

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

20:31:55
 **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	0.00034	38.89	17.68	0.00034
37.48	19.09	0.00034	36.06	20.51	0.00035
34.65	21.92	0.00035	21.92	34.65	0.00035
20.51	36.06	0.00035	19.09	37.48	0.00035
17.68	38.89	0.00035	16.26	40.31	0.00035
14.14	42.43	0.00035	10.61	45.96	0.00035
7.07	49.50	0.00035	0.00	56.57	0.00035
-7.07	63.64	0.00035	-14.14	70.71	0.00035
-21.21	77.78	0.00035	-28.28	84.85	0.00035
-35.36	91.92	0.00035	-42.43	98.99	0.00035
91.92	-49.50	0.00025	84.85	-42.43	0.00026
77.78	-35.36	0.00027	70.71	-28.28	0.00028
63.64	-21.21	0.00030	56.57	-14.14	0.00032

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00034	42.43	0.00	0.00036
38.89	3.54	0.00036	35.36	7.07	0.00037
33.23	9.19	0.00037	31.82	10.61	0.00037
30.41	12.02	0.00038	28.99	13.44	0.00038
27.58	14.85	0.00038	14.85	27.58	0.00039
13.44	28.99	0.00039	12.02	30.41	0.00039
10.61	31.82	0.00039	9.19	33.23	0.00039
7.07	35.36	0.00039	3.54	38.89	0.00039
0.00	42.43	0.00039	-7.07	49.50	0.00038
-14.14	56.57	0.00038	-21.21	63.64	0.00038
-28.28	70.71	0.00038	-35.36	77.78	0.00038
-42.43	84.85	0.00038	-49.50	91.92	0.00038
84.85	-56.57	0.00027	77.78	-49.50	0.00028
70.71	-42.43	0.00029	63.64	-35.36	0.00030
56.57	-28.28	0.00032	49.50	-21.21	0.00034
42.43	-14.14	0.00037	35.36	-7.07	0.00039
31.82	-3.54	0.00040	28.28	0.00	0.00040
26.16	2.12	0.00041	24.75	3.54	0.00041
23.33	4.95	0.00041	21.92	6.36	0.00041
20.51	7.78	0.00042	7.78	20.51	0.00042
6.36	21.92	0.00042	4.95	23.33	0.00042
3.54	24.75	0.00042	2.12	26.16	0.00042
0.00	28.28	0.00042	-3.54	31.82	0.00042
-7.07	35.36	0.00042	-14.14	42.43	0.00042
-21.21	49.50	0.00042	-28.28	56.57	0.00042
-35.36	63.64	0.00042	-42.43	70.71	0.00042
-49.50	77.78	0.00042	-56.57	84.85	0.00042

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

20:31:55
 **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	0.00029	70.71	-56.57	0.00030
63.64	-49.50	0.00031	56.57	-42.43	0.00033
49.50	-35.36	0.00035	42.43	-28.28	0.00037
35.36	-21.21	0.00040	28.28	-14.14	0.00042
24.75	-10.61	0.00043	21.21	-7.07	0.00044
19.09	-4.95	0.00045	17.68	-3.54	0.00045
16.26	-2.12	0.00045	14.85	-0.71	0.00046

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00046	0.71	13.44	0.00047
-0.71	14.85	0.00047	-2.12	16.26	0.00047
-3.54	17.68	0.00047	-4.95	19.09	0.00047
-7.07	21.21	0.00047	-10.61	24.75	0.00047
-14.14	28.28	0.00047	-21.21	35.36	0.00046
-28.28	42.43	0.00046	-35.36	49.50	0.00046
-42.43	56.57	0.00046	-49.50	63.64	0.00046
-56.57	70.71	0.00046	-63.64	77.78	0.00046
70.71	-70.71	0.00031	63.64	-63.64	0.00032
56.57	-56.57	0.00034	49.50	-49.50	0.00036
42.43	-42.43	0.00038	35.36	-35.36	0.00040
28.28	-28.28	0.00043	21.21	-21.21	0.00046
17.68	-17.68	0.00048	14.14	-14.14	0.00049
12.02	-12.02	0.00049	10.61	-10.61	0.00050
9.19	-9.19	0.00050	7.78	-7.78	0.00050
6.36	-6.36	0.00051	-6.36	6.36	0.00052
-7.78	7.78	0.00052	-9.19	9.19	0.00052
-10.61	10.61	0.00052	-12.02	12.02	0.00052
-14.14	14.14	0.00052	-17.68	17.68	0.00052
-21.21	21.21	0.00052	-28.28	28.28	0.00052
-35.36	35.36	0.00051	-42.43	42.43	0.00051
-49.50	49.50	0.00051	-56.57	56.57	0.00051
-63.64	63.64	0.00051	-70.71	70.71	0.00051
63.64	-77.78	0.00034	56.57	-70.71	0.00035
49.50	-63.64	0.00037	42.43	-56.57	0.00039
35.36	-49.50	0.00041	28.28	-42.43	0.00044
21.21	-35.36	0.00048	14.14	-28.28	0.00051
10.61	-24.75	0.00053	7.07	-21.21	0.00054
4.95	-19.09	0.00055	3.54	-17.68	0.00055
2.12	-16.26	0.00056	0.71	-14.85	0.00056
-0.71	-13.44	0.00056	-13.44	-0.71	0.00058
-14.85	0.71	0.00058	-16.26	2.12	0.00058
-17.68	3.54	0.00058	-19.09	4.95	0.00058

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

20:31:55
 **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	0.00058	-24.75	10.61	0.00058

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00058	-35.36	21.21	0.00057
-42.43	28.28	0.00057	-49.50	35.36	0.00057
-56.57	42.43	0.00057	-63.64	49.50	0.00057
-70.71	56.57	0.00057	-77.78	63.64	0.00057
56.57	-84.85	0.00036	49.50	-77.78	0.00038
42.43	-70.71	0.00040	35.36	-63.64	0.00042
28.28	-56.57	0.00045	21.21	-49.50	0.00048
14.14	-42.43	0.00052	7.07	-35.36	0.00057
3.54	-31.82	0.00059	0.00	-28.28	0.00060
-2.12	-26.16	0.00061	-3.54	-24.75	0.00062
-4.95	-23.33	0.00062	-6.36	-21.92	0.00063
-7.78	-20.51	0.00063	-20.51	-7.78	0.00065
-21.92	-6.36	0.00065	-23.33	-4.95	0.00065
-24.75	-3.54	0.00065	-26.16	-2.12	0.00065
-28.28	0.00	0.00065	-31.82	3.54	0.00065
-35.36	7.07	0.00065	-42.43	14.14	0.00064
-49.50	21.21	0.00064	-56.57	28.28	0.00064
-63.64	35.36	0.00064	-70.71	42.43	0.00064
-77.78	49.50	0.00064	-84.85	56.57	0.00064
49.50	-91.92	0.00039	42.43	-84.85	0.00042
35.36	-77.78	0.00044	28.28	-70.71	0.00047
21.21	-63.64	0.00050	14.14	-56.57	0.00053
7.07	-49.50	0.00058	0.00	-42.43	0.00063
-3.54	-38.89	0.00065	-7.07	-35.36	0.00068
-9.19	-33.23	0.00069	-10.61	-31.82	0.00070
-12.02	-30.41	0.00070	-13.44	-28.99	0.00071
-14.85	-27.58	0.00071	-27.58	-14.85	0.00074
-28.99	-13.44	0.00074	-30.41	-12.02	0.00074
-31.82	-10.61	0.00074	-33.23	-9.19	0.00074
-35.36	-7.07	0.00073	-38.89	-3.54	0.00073
-42.43	0.00	0.00073	-49.50	7.07	0.00073
-56.57	14.14	0.00073	-63.64	21.21	0.00073
-70.71	28.28	0.00073	-77.78	35.36	0.00073
-84.85	42.43	0.00072	-91.92	49.50	0.00071
42.43	-98.99	0.00043	35.36	-91.92	0.00046
28.28	-84.85	0.00049	21.21	-77.78	0.00052
14.14	-70.71	0.00055	7.07	-63.64	0.00059
0.00	-56.57	0.00064	-7.07	-49.50	0.00070
-10.61	-45.96	0.00073	-14.14	-42.43	0.00076

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

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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	0.00078	-17.68	-38.89	0.00079
-19.09	-37.48	0.00080	-20.51	-36.06	0.00080
-21.92	-34.65	0.00081	-34.65	-21.92	0.00084
-36.06	-20.51	0.00084	-37.48	-19.09	0.00084
-38.89	-17.68	0.00084	-40.31	-16.26	0.00084
-42.43	-14.14	0.00084	-45.96	-10.61	0.00084
-49.50	-7.07	0.00084	-56.57	0.00	0.00083
-63.64	7.07	0.00083	-70.71	14.14	0.00083
-77.78	21.21	0.00083	-84.85	28.28	0.00083
-91.92	35.36	0.00082	-98.99	42.43	0.00081
35.36	-106.07	0.00046	28.28	-98.99	0.00050
21.21	-91.92	0.00054	14.14	-84.85	0.00057
7.07	-77.78	0.00061	0.00	-70.71	0.00066
-7.07	-63.64	0.00071	-14.14	-56.57	0.00079
-17.68	-53.03	0.00083	-21.21	-49.50	0.00087
-23.33	-47.38	0.00089	-24.75	-45.96	0.00090
-26.16	-44.55	0.00091	-27.58	-43.13	0.00092
-28.99	-41.72	0.00093	-41.72	-28.99	0.00097
-43.13	-27.58	0.00097	-44.55	-26.16	0.00097
-45.96	-24.75	0.00097	-47.38	-23.33	0.00097
-49.50	-21.21	0.00097	-53.03	-17.68	0.00096
-56.57	-14.14	0.00096	-63.64	-7.07	0.00096
-70.71	0.00	0.00096	-77.78	7.07	0.00096
-84.85	14.14	0.00096	-91.92	21.21	0.00095
-98.99	28.28	0.00094	-106.07	35.36	0.00091
28.28	-113.14	0.00050	21.21	-106.07	0.00054
14.14	-98.99	0.00059	7.07	-91.92	0.00064
0.00	-84.85	0.00069	-7.07	-77.78	0.00074
-14.14	-70.71	0.00080	-21.21	-63.64	0.00089
-24.75	-60.10	0.00094	-28.28	-56.57	0.00099
-30.41	-54.45	0.00102	-31.82	-53.03	0.00103
-33.23	-51.62	0.00105	-34.65	-50.20	0.00106
-36.06	-48.79	0.00108	-48.79	-36.06	0.00113
-50.20	-34.65	0.00113	-51.62	-33.23	0.00113
-53.03	-31.82	0.00113	-54.45	-30.41	0.00113
-56.57	-28.28	0.00113	-60.10	-24.75	0.00112
-63.64	-21.21	0.00112	-70.71	-14.14	0.00112
-77.78	-7.07	0.00113	-84.85	0.00	0.00113
-91.92	7.07	0.00112	-98.99	14.14	0.00110

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-106.07 21.21 0.00107 -113.14 28.28 0.00104

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
21.21	-120.21	0.00054	14.14	-113.14	0.00059
7.07	-106.07	0.00064	0.00	-98.99	0.00070
-7.07	-91.92	0.00077	-14.14	-84.85	0.00084
-21.21	-77.78	0.00091	-28.28	-70.71	0.00101
-31.82	-67.18	0.00107	-35.36	-63.64	0.00114
-37.48	-61.52	0.00117	-38.89	-60.10	0.00120
-40.31	-58.69	0.00122	-41.72	-57.28	0.00124
-43.13	-55.86	0.00126	-55.86	-43.13	0.00133
-57.28	-41.72	0.00133	-58.69	-40.31	0.00133
-60.10	-38.89	0.00133	-61.52	-37.48	0.00133
-63.64	-35.36	0.00133	-67.18	-31.82	0.00133
-70.71	-28.28	0.00133	-77.78	-21.21	0.00133
-84.85	-14.14	0.00134	-91.92	-7.07	0.00133
-98.99	0.00	0.00131	-106.07	7.07	0.00128
-113.14	14.14	0.00123	-120.21	21.21	0.00117
14.14	-127.28	0.00060	7.07	-120.21	0.00065
0.00	-113.14	0.00071	-7.07	-106.07	0.00078
-14.14	-98.99	0.00086	-21.21	-91.92	0.00095
-28.28	-84.85	0.00104	-35.36	-77.78	0.00116
-38.89	-74.25	0.00123	-42.43	-70.71	0.00131
-44.55	-68.59	0.00137	-45.96	-67.18	0.00140
-47.38	-65.76	0.00143	-48.79	-64.35	0.00146
-50.20	-62.93	0.00149	-62.93	-50.20	0.00159
-64.35	-48.79	0.00159	-65.76	-47.38	0.00159
-67.18	-45.96	0.00159	-68.59	-44.55	0.00159
-70.71	-42.43	0.00159	-74.25	-38.89	0.00159
-77.78	-35.36	0.00160	-84.85	-28.28	0.00161
-91.92	-21.21	0.00161	-98.99	-14.14	0.00159
-106.07	-7.07	0.00155	-113.14	0.00	0.00148
-120.21	7.07	0.00140	-127.28	14.14	0.00131
7.07	-134.35	0.00067	0.00	-127.28	0.00073
-7.07	-120.21	0.00080	-14.14	-113.14	0.00087
-21.21	-106.07	0.00097	-28.28	-98.99	0.00108

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00120	-42.43	-84.85	0.00134
-45.96	-81.32	0.00143	-49.50	-77.78	0.00153
-51.62	-75.66	0.00160	-53.03	-74.25	0.00165
-54.45	-72.83	0.00170	-55.86	-71.42	0.00174
-57.28	-70.00	0.00178	-70.00	-57.28	0.00194
-71.42	-55.86	0.00194	-72.83	-54.45	0.00194
-74.25	-53.03	0.00194	-75.66	-51.62	0.00194

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	0.00195
-84.85	-42.43	0.00196	-91.92	-35.36	0.00198
-98.99	-28.28	0.00196	-106.07	-21.21	0.00191
-113.14	-14.14	0.00182	-120.21	-7.07	0.00171
-127.28	0.00	0.00159	-134.35	7.07	0.00146
0.00	-141.42	0.00074	-7.07	-134.35	0.00082
-14.14	-127.28	0.00090	-21.21	-120.21	0.00099
-28.28	-113.14	0.00110	-35.36	-106.07	0.00122
-42.43	-98.99	0.00138	-49.50	-91.92	0.00157
-53.03	-88.39	0.00168	-56.57	-84.85	0.00180
-58.69	-82.73	0.00189	-60.10	-81.32	0.00195
-61.52	-79.90	0.00202	-62.93	-78.49	0.00209
-64.35	-77.07	0.00215	-77.07	-64.35	0.00241
-78.49	-62.93	0.00241	-79.90	-61.52	0.00242
-81.32	-60.10	0.00242	-82.73	-58.69	0.00243
-84.85	-56.57	0.00244	-88.39	-53.03	0.00246
-91.92	-49.50	0.00248	-98.99	-42.43	0.00248
-106.07	-35.36	0.00242	-113.14	-28.28	0.00228
-120.21	-21.21	0.00212	-127.28	-14.14	0.00194
-134.35	-7.07	0.00177	-141.42	0.00	0.00160
-7.07	-148.49	0.00082	-14.14	-141.42	0.00091
-21.21	-134.35	0.00102	-28.28	-127.28	0.00113
-35.36	-120.21	0.00127	-42.43	-113.14	0.00142
-49.50	-106.07	0.00159	-56.57	-98.99	0.00182
-60.10	-95.46	0.00197	-63.64	-91.92	0.00214
-65.76	-89.80	0.00225	-67.18	-88.39	0.00234
-68.59	-86.97	0.00243	-70.00	-85.56	0.00252

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00263	-84.15	-71.42	0.00309
-85.56	-70.00	0.00310	-86.97	-68.59	0.00311
-88.39	-67.18	0.00313	-89.80	-65.76	0.00315
-91.92	-63.64	0.00318	-95.46	-60.10	0.00322
-98.99	-56.57	0.00323	-106.07	-49.50	0.00314
-113.14	-42.43	0.00294	-120.21	-35.36	0.00268
-127.28	-28.28	0.00242	-134.35	-21.21	0.00217
-141.42	-14.14	0.00193	-148.49	-7.07	0.00172
-14.14	-155.56	0.00091	-21.21	-148.49	0.00101
-28.28	-141.42	0.00114	-35.36	-134.35	0.00129
-42.43	-127.28	0.00146	-49.50	-120.21	0.00166
-56.57	-113.14	0.00188	-63.64	-106.07	0.00215
-67.18	-102.53	0.00232	-70.71	-98.99	0.00253

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	0.00269	-74.25	-95.46	0.00281
-75.66	-94.05	0.00294	-77.07	-92.63	0.00308
-78.49	-91.22	0.00323	-91.22	-78.49	0.00415
-92.63	-77.07	0.00419	-94.05	-75.66	0.00424
-95.46	-74.25	0.00428	-96.87	-72.83	0.00431
-98.99	-70.71	0.00433	-102.53	-67.18	0.00430
-106.07	-63.64	0.00420	-113.14	-56.57	0.00386
-120.21	-49.50	0.00346	-127.28	-42.43	0.00306
-134.35	-35.36	0.00269	-141.42	-28.28	0.00236
-148.49	-21.21	0.00207	-155.56	-14.14	0.00181
-21.21	-162.63	0.00101	-28.28	-155.56	0.00114
-35.36	-148.49	0.00129	-42.43	-141.42	0.00147
-49.50	-134.35	0.00169	-56.57	-127.28	0.00194
-63.64	-120.21	0.00223	-70.71	-113.14	0.00258
-74.25	-109.60	0.00280	-77.78	-106.07	0.00307
-79.90	-103.94	0.00326	-81.32	-102.53	0.00341
-82.73	-101.12	0.00359	-84.15	-99.70	0.00379
-85.56	-98.29	0.00403	-98.29	-85.56	0.00611
-99.70	-84.15	0.00610	-101.12	-82.73	0.00605
-102.53	-81.32	0.00598	-103.94	-79.90	0.00589
-106.07	-77.78	0.00574	-109.60	-74.25	0.00545

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00514	-120.21	-63.64	0.00449
-127.28	-56.57	0.00389	-134.35	-49.50	0.00335
-141.42	-42.43	0.00288	-148.49	-35.36	0.00249
-155.56	-28.28	0.00215	-162.63	-21.21	0.00186
-28.28	-169.71	0.00112	-35.36	-162.63	0.00126
-42.43	-155.56	0.00144	-49.50	-148.49	0.00166
-56.57	-141.42	0.00193	-63.64	-134.35	0.00226
-70.71	-127.28	0.00264	-77.78	-120.21	0.00312
-81.32	-116.67	0.00341	-84.85	-113.14	0.00378
-86.97	-111.02	0.00405	-88.39	-109.60	0.00426
-89.80	-108.19	0.00451	-91.22	-106.77	0.00483
-92.63	-105.36	0.00522	-105.36	-92.63	0.00754
-106.77	-91.22	0.00729	-108.19	-89.80	0.00707
-109.60	-88.39	0.00688	-111.02	-86.97	0.00671
-113.14	-84.85	0.00645	-116.67	-81.32	0.00603
-120.21	-77.78	0.00561	-127.28	-70.71	0.00482
-134.35	-63.64	0.00410	-141.42	-56.57	0.00348
-148.49	-49.50	0.00296	-155.56	-42.43	0.00252
-162.63	-35.36	0.00215	-169.71	-28.28	0.00185

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	0.00120	-42.43	-169.71	0.00137
-49.50	-162.63	0.00157	-56.57	-155.56	0.00182
-63.64	-148.49	0.00213	-70.71	-141.42	0.00250
-77.78	-134.35	0.00294	-84.85	-127.28	0.00347
-88.39	-123.74	0.00378	-91.92	-120.21	0.00416
-94.05	-118.09	0.00443	-95.46	-116.67	0.00463
-96.87	-115.26	0.00486	-98.29	-113.84	0.00514
-99.70	-112.43	0.00550	-112.43	-99.70	0.00753
-113.84	-98.29	0.00729	-115.26	-96.87	0.00708
-116.67	-95.46	0.00690	-118.09	-94.05	0.00673
-120.21	-91.92	0.00648	-123.74	-88.39	0.00605
-127.28	-84.85	0.00563	-134.35	-77.78	0.00482
-141.42	-70.71	0.00408	-148.49	-63.64	0.00344
-155.56	-56.57	0.00290	-162.63	-49.50	0.00245
-169.71	-42.43	0.00207	-176.78	-35.36	0.00177

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00126	-49.50	-176.78	0.00144
-56.57	-169.71	0.00166	-63.64	-162.63	0.00192
-70.71	-155.56	0.00224	-77.78	-148.49	0.00263
-84.85	-141.42	0.00309	-91.92	-134.35	0.00362
-95.46	-130.81	0.00391	-98.99	-127.28	0.00425
-101.12	-125.16	0.00449	-102.53	-123.74	0.00468
-103.94	-122.33	0.00489	-105.36	-120.92	0.00514
-106.77	-119.50	0.00546	-119.50	-106.77	0.00740
-120.92	-105.36	0.00715	-122.33	-103.94	0.00694
-123.74	-102.53	0.00676	-125.16	-101.12	0.00658
-127.28	-98.99	0.00633	-130.81	-95.46	0.00592
-134.35	-91.92	0.00550	-141.42	-84.85	0.00468
-148.49	-77.78	0.00393	-155.56	-70.71	0.00329
-162.63	-63.64	0.00274	-169.71	-56.57	0.00230
-176.78	-49.50	0.00193	-183.85	-42.43	0.00164
-49.50	-190.92	0.00128	-56.57	-183.85	0.00148
-63.64	-176.78	0.00170	-70.71	-169.71	0.00198
-77.78	-162.63	0.00230	-84.85	-155.56	0.00268
-91.92	-148.49	0.00312	-98.99	-141.42	0.00362
-102.53	-137.89	0.00389	-106.07	-134.35	0.00420
-108.19	-132.23	0.00441	-109.60	-130.81	0.00457
-111.02	-129.40	0.00477	-112.43	-127.99	0.00500
-113.84	-126.57	0.00530	-126.57	-113.84	0.00716
-127.99	-112.43	0.00691	-129.40	-111.02	0.00670
-130.81	-109.60	0.00652	-132.23	-108.19	0.00634

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	0.00608	-137.89	-102.53	0.00567
-141.42	-98.99	0.00525	-148.49	-91.92	0.00443
-155.56	-84.85	0.00368	-162.63	-77.78	0.00304
-169.71	-70.71	0.00251	-176.78	-63.64	0.00209
-183.85	-56.57	0.00175	-190.92	-49.50	0.00148
-56.57	-197.99	0.00128	-63.64	-190.92	0.00147
-70.71	-183.85	0.00170	-77.78	-176.78	0.00197
-84.85	-169.71	0.00229	-91.92	-162.63	0.00265
-98.99	-155.56	0.00305	-106.07	-148.49	0.00351

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00376	-113.14	-141.42	0.00403
-115.26	-139.30	0.00422	-116.67	-137.89	0.00436
-118.09	-136.47	0.00453	-119.50	-135.06	0.00474
-120.92	-133.64	0.00502	-133.64	-120.92	0.00681
-135.06	-119.50	0.00656	-136.47	-118.09	0.00635
-137.89	-116.67	0.00616	-139.30	-115.26	0.00598
-141.42	-113.14	0.00572	-144.96	-109.60	0.00529
-148.49	-106.07	0.00486	-155.56	-98.99	0.00404
-162.63	-91.92	0.00330	-169.71	-84.85	0.00270
-176.78	-77.78	0.00221	-183.85	-70.71	0.00184
-190.92	-63.64	0.00154	-197.99	-56.57	0.00130
-63.64	-205.06	0.00125	-70.71	-197.99	0.00143
-77.78	-190.92	0.00165	-84.85	-183.85	0.00190
-91.92	-176.78	0.00221	-98.99	-169.71	0.00255
-106.07	-162.63	0.00292	-113.14	-155.56	0.00332
-116.67	-152.03	0.00354	-120.21	-148.49	0.00377
-122.33	-146.37	0.00393	-123.74	-144.96	0.00405
-125.16	-143.54	0.00420	-126.57	-142.13	0.00438
-127.99	-140.71	0.00462	-140.71	-127.99	0.00630
-142.13	-126.57	0.00605	-143.54	-125.16	0.00584
-144.96	-123.74	0.00565	-146.37	-122.33	0.00547
-148.49	-120.21	0.00520	-152.03	-116.67	0.00475
-155.56	-113.14	0.00430	-162.63	-106.07	0.00348
-169.71	-98.99	0.00281	-176.78	-91.92	0.00228
-183.85	-84.85	0.00187	-190.92	-77.78	0.00155
-197.99	-70.71	0.00130	-205.06	-63.64	0.00111
-70.71	-212.13	0.00119	-77.78	-205.06	0.00136
-84.85	-197.99	0.00155	-91.92	-190.92	0.00179
-98.99	-183.85	0.00206	-106.07	-176.78	0.00237
-113.14	-169.71	0.00272	-120.21	-162.63	0.00306
-123.74	-159.10	0.00322	-127.28	-155.56	0.00341

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

20:31:55
 **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	0.00354	-130.81	-152.03	0.00363
-132.23	-150.61	0.00375	-133.64	-149.20	0.00390
-135.06	-147.79	0.00410	-147.79	-135.06	0.00556

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00530	-150.61	-132.23	0.00508
-152.03	-130.81	0.00488	-153.44	-129.40	0.00468
-155.56	-127.28	0.00440	-159.10	-123.74	0.00393
-162.63	-120.21	0.00350	-169.71	-113.14	0.00276
-176.78	-106.07	0.00222	-183.85	-98.99	0.00181
-190.92	-91.92	0.00149	-197.99	-84.85	0.00125
-205.06	-77.78	0.00106	-212.13	-70.71	0.00091
-77.78	-219.20	0.00111	-84.85	-212.13	0.00126
-91.92	-205.06	0.00143	-98.99	-197.99	0.00163
-106.07	-190.92	0.00186	-113.14	-183.85	0.00212
-120.21	-176.78	0.00240	-127.28	-169.71	0.00269
-130.81	-166.17	0.00283	-134.35	-162.63	0.00296
-136.47	-160.51	0.00304	-137.89	-159.10	0.00310
-139.30	-157.68	0.00317	-140.71	-156.27	0.00327
-142.13	-154.86	0.00342	-154.86	-142.13	0.00441
-156.27	-140.71	0.00412	-157.68	-139.30	0.00387
-159.10	-137.89	0.00365	-160.51	-136.47	0.00344
-162.63	-134.35	0.00316	-166.17	-130.81	0.00276
-169.71	-127.28	0.00244	-176.78	-120.21	0.00195
-183.85	-113.14	0.00159	-190.92	-106.07	0.00133
-197.99	-98.99	0.00113	-205.06	-91.92	0.00097
-212.13	-84.85	0.00083	-219.20	-77.78	0.00073
-84.85	-226.27	0.00100	-91.92	-219.20	0.00112
-98.99	-212.13	0.00126	-106.07	-205.06	0.00142
-113.14	-197.99	0.00161	-120.21	-190.92	0.00180
-127.28	-183.85	0.00201	-134.35	-176.78	0.00219
-137.89	-173.24	0.00226	-141.42	-169.71	0.00233
-143.54	-167.58	0.00237	-144.96	-166.17	0.00239
-146.37	-164.76	0.00242	-147.79	-163.34	0.00247
-149.20	-161.93	0.00254	-161.93	-149.20	0.00234
-163.34	-147.79	0.00210	-164.76	-146.37	0.00194
-166.17	-144.96	0.00182	-167.58	-143.54	0.00173
-169.71	-141.42	0.00163	-173.24	-137.89	0.00149
-176.78	-134.35	0.00138	-183.85	-127.28	0.00119
-190.92	-120.21	0.00104	-197.99	-113.14	0.00091
-205.06	-106.07	0.00080	-212.13	-98.99	0.00071
-219.20	-91.92	0.00063	-226.27	-84.85	0.00056

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 ,

18NCRA_SR03-300_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	0.00088	-98.99	-226.27	0.00097
-106.07	-219.20	0.00107	-113.14	-212.13	0.00119
-120.21	-205.06	0.00131	-127.28	-197.99	0.00142
-134.35	-190.92	0.00152	-141.42	-183.85	0.00156
-144.96	-180.31	0.00155	-148.49	-176.78	0.00150
-150.61	-174.66	0.00145	-152.03	-173.24	0.00141
-153.44	-171.83	0.00136	-154.86	-170.41	0.00130
-156.27	-169.00	0.00122	-169.00	-156.27	0.00076
-170.41	-154.86	0.00076	-171.83	-153.44	0.00076
-173.24	-152.03	0.00076	-174.66	-150.61	0.00076
-176.78	-148.49	0.00076	-180.31	-144.96	0.00076
-183.85	-141.42	0.00075	-190.92	-134.35	0.00072
-197.99	-127.28	0.00067	-205.06	-120.21	0.00062
-212.13	-113.14	0.00057	-219.20	-106.07	0.00052
-226.27	-98.99	0.00048	-233.35	-91.92	0.00044
-98.99	-240.42	0.00076	-106.07	-233.35	0.00082
-113.14	-226.27	0.00090	-120.21	-219.20	0.00097
-127.28	-212.13	0.00104	-134.35	-205.06	0.00109
-141.42	-197.99	0.00112	-148.49	-190.92	0.00109
-152.03	-187.38	0.00104	-155.56	-183.85	0.00097
-157.68	-181.73	0.00092	-159.10	-180.31	0.00088
-160.51	-178.90	0.00084	-161.93	-177.48	0.00080
-163.34	-176.07	0.00076	-176.07	-163.34	0.00056
-177.48	-161.93	0.00056	-178.90	-160.51	0.00056
-180.31	-159.10	0.00055	-181.73	-157.68	0.00055
-183.85	-155.56	0.00055	-187.38	-152.03	0.00054
-190.92	-148.49	0.00053	-197.99	-141.42	0.00051
-205.06	-134.35	0.00049	-212.13	-127.28	0.00046
-219.20	-120.21	0.00043	-226.27	-113.14	0.00040
-233.35	-106.07	0.00038	-240.42	-98.99	0.00035
-106.07	-247.49	0.00065	-113.14	-240.42	0.00070
-120.21	-233.35	0.00074	-127.28	-226.27	0.00079
-134.35	-219.20	0.00083	-141.42	-212.13	0.00084
-148.49	-205.06	0.00083	-155.56	-197.99	0.00079
-159.10	-194.45	0.00075	-162.63	-190.92	0.00069
-164.76	-188.80	0.00066	-166.17	-187.38	0.00063
-167.58	-185.97	0.00060	-169.00	-184.55	0.00058
-170.41	-183.14	0.00055	-183.14	-170.41	0.00045
-184.55	-169.00	0.00045	-185.97	-167.58	0.00045
-187.38	-166.17	0.00045	-188.80	-164.76	0.00045

04/18/08

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00044	-194.45	-159.10	0.00043
-197.99	-155.56	0.00042	-205.06	-148.49	0.00040
-212.13	-141.42	0.00038	-219.20	-134.35	0.00036
-226.27	-127.28	0.00034	-233.35	-120.21	0.00033
-240.42	-113.14	0.00031	-247.49	-106.07	0.00029

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_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	0.00012	240.42	113.14	0.00013
233.35	120.21	0.00013	226.27	127.28	0.00013
219.20	134.35	0.00014	212.13	141.42	0.00014
205.06	148.49	0.00015	197.99	155.56	0.00015
194.45	159.10	0.00015	190.92	162.63	0.00015
188.80	164.76	0.00015	187.38	166.17	0.00015
185.97	167.58	0.00015	184.55	169.00	0.00015
183.14	170.41	0.00015	170.41	183.14	0.00015
169.00	184.55	0.00015	167.58	185.97	0.00015
166.17	187.38	0.00015	164.76	188.80	0.00015
162.63	190.92	0.00015	159.10	194.45	0.00015
155.56	197.99	0.00015	148.49	205.06	0.00015
141.42	212.13	0.00015	134.35	219.20	0.00015
127.28	226.27	0.00015	120.21	233.35	0.00015
113.14	240.42	0.00015	106.07	247.49	0.00015
240.42	98.99	0.00013	233.35	106.07	0.00013
226.27	113.14	0.00014	219.20	120.21	0.00014
212.13	127.28	0.00015	205.06	134.35	0.00015
197.99	141.42	0.00015	190.92	148.49	0.00016
187.38	152.03	0.00016	183.85	155.56	0.00016

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

181.73	157.68	0.00016	180.31	159.10	0.00016
178.90	160.51	0.00016	177.48	161.93	0.00016
176.07	163.34	0.00016	163.34	176.07	0.00016
161.93	177.48	0.00016	160.51	178.90	0.00016
159.10	180.31	0.00016	157.68	181.73	0.00016
155.56	183.85	0.00016	152.03	187.38	0.00016
148.49	190.92	0.00016	141.42	197.99	0.00016
134.35	205.06	0.00016	127.28	212.13	0.00016
120.21	219.20	0.00016	113.14	226.27	0.00016
106.07	233.35	0.00016	98.99	240.42	0.00016
233.35	91.92	0.00013	226.27	98.99	0.00014
219.20	106.07	0.00014	212.13	113.14	0.00015
205.06	120.21	0.00015	197.99	127.28	0.00016
190.92	134.35	0.00016	183.85	141.42	0.00017
180.31	144.96	0.00017	176.78	148.49	0.00017
174.66	150.61	0.00017	173.24	152.03	0.00017
171.83	153.44	0.00017	170.41	154.86	0.00017
169.00	156.27	0.00017	156.27	169.00	0.00017
154.86	170.41	0.00017	153.44	171.83	0.00017
152.03	173.24	0.00017	150.61	174.66	0.00017

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

20:31:55
 **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	0.00017	144.96	180.31	0.00017
141.42	183.85	0.00017	134.35	190.92	0.00017
127.28	197.99	0.00017	120.21	205.06	0.00017
113.14	212.13	0.00017	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	0.00014
212.13	98.99	0.00015	205.06	106.07	0.00016
197.99	113.14	0.00016	190.92	120.21	0.00017
183.85	127.28	0.00017	176.78	134.35	0.00018
173.24	137.89	0.00018	169.71	141.42	0.00018
167.58	143.54	0.00018	166.17	144.96	0.00018
164.76	146.37	0.00018	163.34	147.79	0.00018
161.93	149.20	0.00018	149.20	161.93	0.00018
147.79	163.34	0.00018	146.37	164.76	0.00018

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

144.96	166.17	0.00018	143.54	167.58	0.00018
141.42	169.71	0.00018	137.89	173.24	0.00018
134.35	176.78	0.00018	127.28	183.85	0.00018
120.21	190.92	0.00018	113.14	197.99	0.00018
106.07	205.06	0.00018	99.00	212.13	0.00018
91.92	219.20	0.00018	84.85	226.27	0.00018
219.20	77.78	0.00014	212.13	84.85	0.00015
205.06	91.92	0.00016	197.99	98.99	0.00016
190.92	106.07	0.00017	183.85	113.14	0.00018
176.78	120.21	0.00018	169.71	127.28	0.00019
166.17	130.81	0.00019	162.63	134.35	0.00019
160.51	136.47	0.00019	159.10	137.89	0.00019
157.68	139.30	0.00019	156.27	140.71	0.00019
154.86	142.13	0.00019	142.13	154.86	0.00020
140.71	156.27	0.00020	139.30	157.68	0.00020
137.89	159.10	0.00020	136.47	160.51	0.00020
134.35	162.63	0.00020	130.81	166.17	0.00020
127.28	169.71	0.00020	120.21	176.78	0.00020
113.14	183.85	0.00020	106.07	190.92	0.00019
99.00	197.99	0.00019	91.92	205.06	0.00019
84.85	212.13	0.00019	77.78	219.20	0.00019
212.13	70.71	0.00015	205.06	77.78	0.00016
197.99	84.85	0.00017	190.92	91.92	0.00017
183.85	98.99	0.00018	176.78	106.07	0.00019
169.71	113.14	0.00019	162.63	120.21	0.00020
159.10	123.74	0.00020	155.56	127.28	0.00020

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

04/18/08

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

20:31:55

**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	0.00020	152.03	130.81	0.00021
150.61	132.23	0.00021	149.20	133.64	0.00021
147.79	135.06	0.00021	135.06	147.79	0.00021
133.64	149.20	0.00021	132.23	150.61	0.00021
130.81	152.03	0.00021	129.40	153.44	0.00021
127.28	155.56	0.00021	123.74	159.10	0.00021
120.21	162.63	0.00021	113.14	169.71	0.00021
106.07	176.78	0.00021	98.99	183.85	0.00021

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

91.92	190.92	0.00021	84.85	197.99	0.00021
77.78	205.06	0.00021	70.71	212.13	0.00021
205.06	63.64	0.00016	197.99	70.71	0.00017
190.92	77.78	0.00017	183.85	84.85	0.00018
176.78	91.92	0.00019	169.71	98.99	0.00020
162.63	106.07	0.00021	155.56	113.14	0.00021
152.03	116.67	0.00022	148.49	120.21	0.00022
146.37	122.33	0.00022	144.96	123.74	0.00022
143.54	125.16	0.00022	142.13	126.57	0.00022
140.71	127.99	0.00022	127.99	140.71	0.00022
126.57	142.13	0.00022	125.16	143.54	0.00022
123.74	144.96	0.00022	122.33	146.37	0.00022
120.21	148.49	0.00022	116.67	152.03	0.00022
113.14	155.56	0.00022	106.07	162.63	0.00022
98.99	169.71	0.00022	91.92	176.78	0.00022
84.85	183.85	0.00022	77.78	190.92	0.00022
70.71	197.99	0.00022	63.64	205.06	0.00022
197.99	56.57	0.00017	190.92	63.64	0.00018
183.85	70.71	0.00018	176.78	77.78	0.00019
169.71	84.85	0.00020	162.63	91.92	0.00021
155.56	98.99	0.00022	148.49	106.07	0.00023
144.96	109.60	0.00023	141.42	113.14	0.00023
139.30	115.26	0.00023	137.89	116.67	0.00023
136.47	118.09	0.00023	135.06	119.50	0.00024
133.64	120.92	0.00024	120.92	133.64	0.00024
119.50	135.06	0.00024	118.09	136.47	0.00024
116.67	137.89	0.00024	115.26	139.30	0.00024
113.14	141.42	0.00024	109.60	144.96	0.00024
106.07	148.49	0.00024	98.99	155.56	0.00024
91.92	162.63	0.00024	84.85	169.71	0.00024
77.78	176.78	0.00024	70.71	183.85	0.00024
63.64	190.92	0.00024	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 ***

20:31:55
 **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	0.00018	183.85	56.57	0.00019
176.78	63.64	0.00020	169.71	70.71	0.00021

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

162.63	77.78	0.00022	155.56	84.85	0.00023
148.49	91.92	0.00024	141.42	98.99	0.00024
137.89	102.53	0.00025	134.35	106.07	0.00025
132.23	108.19	0.00025	130.81	109.60	0.00025
129.40	111.02	0.00025	127.99	112.43	0.00025
126.57	113.84	0.00025	113.84	126.57	0.00026
112.43	127.99	0.00026	111.02	129.40	0.00026
109.60	130.81	0.00026	108.19	132.23	0.00026
106.07	134.35	0.00026	102.53	137.89	0.00026
98.99	141.42	0.00026	91.92	148.49	0.00026
84.85	155.56	0.00026	77.78	162.63	0.00025
70.71	169.71	0.00025	63.64	176.78	0.00025
56.57	183.85	0.00025	49.50	190.92	0.00025
183.85	42.43	0.00019	176.78	49.50	0.00020
169.71	56.57	0.00021	162.63	63.64	0.00022
155.56	70.71	0.00023	148.49	77.78	0.00024
141.42	84.85	0.00025	134.35	91.92	0.00026
130.81	95.46	0.00026	127.28	98.99	0.00027
125.16	101.12	0.00027	123.74	102.53	0.00027
122.33	103.94	0.00027	120.92	105.36	0.00027
119.50	106.77	0.00027	106.77	119.50	0.00028
105.36	120.92	0.00028	103.94	122.33	0.00028
102.53	123.74	0.00028	101.12	125.16	0.00028
98.99	127.28	0.00028	95.46	130.81	0.00028
91.92	134.35	0.00028	84.85	141.42	0.00028
77.78	148.49	0.00028	70.71	155.56	0.00027
63.64	162.63	0.00027	56.57	169.71	0.00027
49.50	176.78	0.00027	42.43	183.85	0.00027
176.78	35.36	0.00020	169.71	42.43	0.00021
162.63	49.50	0.00022	155.56	56.57	0.00023
148.49	63.64	0.00024	141.42	70.71	0.00026
134.35	77.78	0.00027	127.28	84.85	0.00028
123.74	88.39	0.00028	120.21	91.92	0.00029
118.09	94.05	0.00029	116.67	95.46	0.00029
115.26	96.87	0.00029	113.84	98.29	0.00029
112.43	99.70	0.00029	99.70	112.43	0.00030
98.29	113.84	0.00030	96.87	115.26	0.00030
95.46	116.67	0.00030	94.05	118.09	0.00030

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

18NCRA_SR03-300_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	0.00030	88.39	123.74	0.00030	
84.85	127.28	0.00030	77.78	134.35	0.00030	
70.71	141.42	0.00030	63.64	148.49	0.00030	
56.57	155.56	0.00030	49.50	162.63	0.00029	
42.43	169.71	0.00029	35.36	176.78	0.00029	
169.71	28.28	0.00021	162.63	35.36	0.00022	
155.56	42.43	0.00023	148.49	49.50	0.00025	
141.42	56.57	0.00026	134.35	63.64	0.00028	
127.28	70.71	0.00029	120.21	77.78	0.00030	
116.67	81.32	0.00031	113.14	84.85	0.00031	
111.02	86.97	0.00031	109.60	88.39	0.00032	
108.19	89.80	0.00032	106.77	91.22	0.00032	
105.36	92.63	0.00032	92.63	105.36	0.00032	
91.22	106.77	0.00032	89.80	108.19	0.00032	
88.39	109.60	0.00032	86.97	111.02	0.00032	
84.85	113.14	0.00032	81.32	116.67	0.00032	
77.78	120.21	0.00032	70.71	127.28	0.00032	
63.64	134.35	0.00032	56.57	141.42	0.00032	
49.50	148.49	0.00032	42.43	155.56	0.00032	
35.36	162.63	0.00032	28.28	169.71	0.00032	
162.63	21.21	0.00023	155.56	28.28	0.00024	
148.49	35.36	0.00025	141.42	42.43	0.00026	
134.35	49.50	0.00028	127.28	56.57	0.00030	
120.21	63.64	0.00031	113.14	70.71	0.00033	
109.60	74.25	0.00033	106.07	77.78	0.00034	
103.94	79.90	0.00034	102.53	81.32	0.00034	
101.12	82.73	0.00034	99.70	84.15	0.00035	
98.29	85.56	0.00035	85.56	98.29	0.00035	
84.15	99.70	0.00035	82.73	101.12	0.00035	
81.32	102.53	0.00035	79.90	103.94	0.00035	
77.78	106.07	0.00035	74.25	109.60	0.00035	
70.71	113.14	0.00035	63.64	120.21	0.00035	
56.57	127.28	0.00035	49.50	134.35	0.00035	
42.43	141.42	0.00035	35.36	148.49	0.00035	
28.28	155.56	0.00035	21.21	162.63	0.00035	
155.56	14.14	0.00025	148.49	21.21	0.00026	
141.42	28.28	0.00027	134.35	35.36	0.00028	
127.28	42.43	0.00030	120.21	49.50	0.00032	
113.14	56.57	0.00034	106.07	63.64	0.00036	
102.53	67.18	0.00036	98.99	70.71	0.00037	

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

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**MODELOPTS:

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00037	95.46	74.25	0.00037
94.05	75.66	0.00038	92.63	77.07	0.00038
91.22	78.49	0.00038	78.49	91.22	0.00039
77.07	92.63	0.00039	75.66	94.05	0.00039
74.25	95.46	0.00039	72.83	96.87	0.00039
70.71	98.99	0.00039	67.18	102.53	0.00039
63.64	106.07	0.00039	56.57	113.14	0.00038
49.50	120.21	0.00038	42.43	127.28	0.00038
35.36	134.35	0.00038	28.28	141.42	0.00038
21.21	148.49	0.00038	14.14	155.56	0.00038
148.49	7.07	0.00027	141.42	14.14	0.00028
134.35	21.21	0.00029	127.28	28.28	0.00030
120.21	35.36	0.00032	113.14	42.43	0.00034
106.07	49.50	0.00037	98.99	56.57	0.00039
95.46	60.10	0.00040	91.92	63.64	0.00040
89.80	65.76	0.00041	88.39	67.18	0.00041
86.97	68.59	0.00041	85.56	70.00	0.00041
84.15	71.42	0.00042	71.42	84.15	0.00042
70.00	85.56	0.00042	68.59	86.97	0.00042
67.18	88.39	0.00042	65.76	89.80	0.00042
63.64	91.92	0.00042	60.10	95.46	0.00042
56.57	98.99	0.00042	49.50	106.07	0.00042
42.43	113.14	0.00042	35.36	120.21	0.00042
28.28	127.28	0.00042	21.21	134.35	0.00042
14.14	141.42	0.00042	7.07	148.49	0.00042
141.42	0.00	0.00029	134.35	7.07	0.00030
127.28	14.14	0.00031	120.21	21.21	0.00033
113.14	28.28	0.00035	106.07	35.36	0.00037
98.99	42.43	0.00040	91.92	49.50	0.00042
88.39	53.03	0.00043	84.85	56.57	0.00044
82.73	58.69	0.00045	81.32	60.10	0.00045
79.90	61.52	0.00045	78.49	62.93	0.00046
77.07	64.35	0.00046	64.35	77.07	0.00047
62.93	78.49	0.00047	61.52	79.90	0.00047

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

60.10	81.32	0.00047	58.69	82.73	0.00047
56.57	84.85	0.00047	53.03	88.39	0.00047
49.50	91.92	0.00047	42.43	98.99	0.00046
35.36	106.07	0.00046	28.28	113.14	0.00046
21.21	120.21	0.00046	14.14	127.28	0.00046
7.07	134.35	0.00046	0.00	141.42	0.00046

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
134.35	-7.07	0.00031	127.28	0.00	0.00032
120.21	7.07	0.00034	113.14	14.14	0.00036
106.07	21.21	0.00038	98.99	28.28	0.00040
91.92	35.36	0.00043	84.85	42.43	0.00046
81.32	45.96	0.00048	77.78	49.50	0.00049
75.66	51.62	0.00049	74.25	53.03	0.00050
72.83	54.45	0.00050	71.42	55.86	0.00050
70.00	57.28	0.00051	57.28	70.00	0.00052
55.86	71.42	0.00052	54.45	72.83	0.00052
53.03	74.25	0.00052	51.62	75.66	0.00052
49.50	77.78	0.00052	45.96	81.32	0.00052
42.43	84.85	0.00052	35.36	91.92	0.00052
28.28	98.99	0.00051	21.21	106.07	0.00051
14.14	113.14	0.00051	7.07	120.21	0.00051
0.00	127.28	0.00051	-7.07	134.35	0.00051
127.28	-14.14	0.00034	120.21	-7.07	0.00035
113.14	0.00	0.00037	106.07	7.07	0.00039
98.99	14.14	0.00041	91.92	21.21	0.00044
84.85	28.28	0.00048	77.78	35.36	0.00051
74.25	38.89	0.00053	70.71	42.43	0.00054
68.59	44.55	0.00055	67.18	45.96	0.00055
65.76	47.38	0.00056	64.35	48.79	0.00056
62.93	50.20	0.00056	50.20	62.93	0.00058
48.79	64.35	0.00058	47.38	65.76	0.00058
45.96	67.18	0.00058	44.55	68.59	0.00058
42.43	70.71	0.00058	38.89	74.25	0.00058
35.36	77.78	0.00058	28.28	84.85	0.00057
21.21	91.92	0.00057	14.14	98.99	0.00057

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00057	0.00	113.14	0.00057
-7.07	120.21	0.00057	-14.14	127.28	0.00057
120.21	-21.21	0.00036	113.14	-14.14	0.00038
106.07	-7.07	0.00040	98.99	0.00	0.00042
91.92	7.07	0.00045	84.85	14.14	0.00048
77.78	21.21	0.00052	70.71	28.28	0.00057
67.18	31.82	0.00059	63.64	35.36	0.00060
61.52	37.48	0.00061	60.10	38.89	0.00062
58.69	40.31	0.00062	57.28	41.72	0.00063
55.86	43.13	0.00063	43.13	55.86	0.00065
41.72	57.28	0.00065	40.31	58.69	0.00065
38.89	60.10	0.00065	37.48	61.52	0.00065

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	0.00065	31.82	67.18	0.00065
28.28	70.71	0.00065	21.21	77.78	0.00064
14.14	84.85	0.00064	7.07	91.92	0.00064
0.00	98.99	0.00064	-7.07	106.07	0.00064
-14.14	113.14	0.00064	-21.21	120.21	0.00064
113.14	-28.28	0.00039	106.07	-21.21	0.00042
98.99	-14.14	0.00044	91.92	-7.07	0.00047
84.85	0.00	0.00050	77.78	7.07	0.00053
70.71	14.14	0.00058	63.64	21.21	0.00063
60.10	24.75	0.00065	56.57	28.28	0.00068
54.45	30.41	0.00069	53.03	31.82	0.00070
51.62	33.23	0.00070	50.20	34.65	0.00071
48.79	36.06	0.00071	36.06	48.79	0.00074
34.65	50.20	0.00074	33.23	51.62	0.00074
31.82	53.03	0.00074	30.41	54.45	0.00074
28.28	56.57	0.00073	24.75	60.10	0.00073
21.21	63.64	0.00073	14.14	70.71	0.00073
7.07	77.78	0.00073	0.00	84.85	0.00073
-7.07	91.92	0.00073	-14.14	98.99	0.00073
-21.21	106.07	0.00072	-28.28	113.14	0.00071
106.07	-35.36	0.00043	98.99	-28.28	0.00046
91.92	-21.21	0.00049	84.85	-14.14	0.00052

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00055	70.71	0.00	0.00059
63.64	7.07	0.00064	56.57	14.14	0.00070
53.03	17.68	0.00073	49.50	21.21	0.00076
47.38	23.33	0.00078	45.96	24.75	0.00079
44.55	26.16	0.00080	43.13	27.58	0.00080
41.72	28.99	0.00081	28.99	41.72	0.00084
27.58	43.13	0.00084	26.16	44.55	0.00084
24.75	45.96	0.00084	23.33	47.38	0.00084
21.21	49.50	0.00084	17.68	53.03	0.00084
14.14	56.57	0.00084	7.07	63.64	0.00083
0.00	70.71	0.00083	-7.07	77.78	0.00083
-14.14	84.85	0.00083	-21.21	91.92	0.00083
-28.28	98.99	0.00082	-35.36	106.07	0.00081
98.99	-42.43	0.00046	91.92	-35.36	0.00050
84.85	-28.28	0.00054	77.78	-21.21	0.00057
70.71	-14.14	0.00061	63.64	-7.07	0.00066
56.57	0.00	0.00071	49.50	7.07	0.00079
45.96	10.61	0.00083	42.43	14.14	0.00087

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
40.31	16.26	0.00089	38.89	17.68	0.00090
37.48	19.09	0.00091	36.06	20.51	0.00092
34.65	21.92	0.00093	21.92	34.65	0.00097
20.51	36.06	0.00097	19.09	37.48	0.00097
17.68	38.89	0.00097	16.26	40.31	0.00097
14.14	42.43	0.00097	10.61	45.96	0.00096
7.07	49.50	0.00096	0.00	56.57	0.00096
-7.07	63.64	0.00096	-14.14	70.71	0.00096
-21.21	77.78	0.00096	-28.28	84.85	0.00095
-35.36	91.92	0.00094	-42.43	98.99	0.00091
91.92	-49.50	0.00050	84.85	-42.43	0.00054
77.78	-35.36	0.00059	70.71	-28.28	0.00064
63.64	-21.21	0.00069	56.57	-14.14	0.00074
49.50	-7.07	0.00080	42.43	0.00	0.00089
38.89	3.54	0.00094	35.36	7.07	0.00099
33.23	9.19	0.00102	31.82	10.61	0.00103

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00105	28.99	13.44	0.00106
27.58	14.85	0.00108	14.85	27.58	0.00113
13.44	28.99	0.00113	12.02	30.41	0.00113
10.61	31.82	0.00113	9.19	33.23	0.00113
7.07	35.36	0.00113	3.54	38.89	0.00112
0.00	42.43	0.00112	-7.07	49.50	0.00112
-14.14	56.57	0.00113	-21.21	63.64	0.00113
-28.28	70.71	0.00112	-35.36	77.78	0.00110
-42.43	84.85	0.00107	-49.50	91.92	0.00104
84.85	-56.57	0.00054	77.78	-49.50	0.00059
70.71	-42.43	0.00064	63.64	-35.36	0.00070
56.57	-28.28	0.00077	49.50	-21.21	0.00084
42.43	-14.14	0.00091	35.36	-7.07	0.00101
31.82	-3.54	0.00107	28.28	0.00	0.00114
26.16	2.12	0.00117	24.75	3.54	0.00120
23.33	4.95	0.00122	21.92	6.36	0.00124
20.51	7.78	0.00126	7.78	20.51	0.00133
6.36	21.92	0.00133	4.95	23.33	0.00133
3.54	24.75	0.00133	2.12	26.16	0.00133
0.00	28.28	0.00133	-3.54	31.82	0.00133
-7.07	35.36	0.00133	-14.14	42.43	0.00133
-21.21	49.50	0.00134	-28.28	56.57	0.00133
-35.36	63.64	0.00131	-42.43	70.71	0.00128
-49.50	77.78	0.00123	-56.57	84.85	0.00117

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

20:31:55
 **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	0.00060	70.71	-56.57	0.00065
63.64	-49.50	0.00071	56.57	-42.43	0.00078
49.50	-35.36	0.00086	42.43	-28.28	0.00095
35.36	-21.21	0.00104	28.28	-14.14	0.00116
24.75	-10.61	0.00123	21.21	-7.07	0.00131
19.09	-4.95	0.00137	17.68	-3.54	0.00140
16.26	-2.12	0.00143	14.85	-0.71	0.00146
13.44	0.71	0.00149	0.71	13.44	0.00159
-0.71	14.85	0.00159	-2.12	16.26	0.00159
-3.54	17.68	0.00159	-4.95	19.09	0.00159

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00159	-10.61	24.75	0.00159
-14.14	28.28	0.00160	-21.21	35.36	0.00161
-28.28	42.43	0.00161	-35.36	49.50	0.00159
-42.43	56.57	0.00155	-49.50	63.64	0.00148
-56.57	70.71	0.00140	-63.64	77.78	0.00131
70.71	-70.71	0.00067	63.64	-63.64	0.00073
56.57	-56.57	0.00080	49.50	-49.50	0.00087
42.43	-42.43	0.00097	35.36	-35.36	0.00108
28.28	-28.28	0.00120	21.21	-21.21	0.00134
17.68	-17.68	0.00143	14.14	-14.14	0.00153
12.02	-12.02	0.00160	10.61	-10.61	0.00165
9.19	-9.19	0.00170	7.78	-7.78	0.00174
6.36	-6.36	0.00178	-6.36	6.36	0.00194
-7.78	7.78	0.00194	-9.19	9.19	0.00194
-10.61	10.61	0.00194	-12.02	12.02	0.00194
-14.14	14.14	0.00194	-17.68	17.68	0.00195
-21.21	21.21	0.00196	-28.28	28.28	0.00198
-35.36	35.36	0.00196	-42.43	42.43	0.00191
-49.50	49.50	0.00182	-56.57	56.57	0.00171
-63.64	63.64	0.00159	-70.71	70.71	0.00146
63.64	-77.78	0.00074	56.57	-70.71	0.00082
49.50	-63.64	0.00090	42.43	-56.57	0.00099
35.36	-49.50	0.00110	28.28	-42.43	0.00122
21.21	-35.36	0.00138	14.14	-28.28	0.00157
10.61	-24.75	0.00168	7.07	-21.21	0.00180
4.95	-19.09	0.00189	3.54	-17.68	0.00195
2.12	-16.26	0.00202	0.71	-14.85	0.00209
-0.71	-13.44	0.00215	-13.44	-0.71	0.00241
-14.85	0.71	0.00241	-16.26	2.12	0.00242
-17.68	3.54	0.00242	-19.09	4.95	0.00243

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

20:31:55
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00244	-24.75	10.61	0.00246
-28.28	14.14	0.00248	-35.36	21.21	0.00249
-42.43	28.28	0.00242	-49.50	35.36	0.00228
-56.57	42.43	0.00212	-63.64	49.50	0.00194

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00177	-77.78	63.64	0.00160
56.57	-84.85	0.00082	49.50	-77.78	0.00091
42.43	-70.71	0.00102	35.36	-63.64	0.00113
28.28	-56.57	0.00127	21.21	-49.50	0.00142
14.14	-42.43	0.00159	7.07	-35.36	0.00182
3.54	-31.82	0.00197	0.00	-28.28	0.00214
-2.12	-26.16	0.00225	-3.54	-24.75	0.00234
-4.95	-23.33	0.00243	-6.36	-21.92	0.00252
-7.78	-20.51	0.00263	-20.51	-7.78	0.00309
-21.92	-6.36	0.00310	-23.33	-4.95	0.00311
-24.75	-3.54	0.00313	-26.16	-2.12	0.00315
-28.28	0.00	0.00318	-31.82	3.54	0.00322
-35.36	7.07	0.00323	-42.43	14.14	0.00314
-49.50	21.21	0.00294	-56.57	28.28	0.00268
-63.64	35.36	0.00242	-70.71	42.43	0.00217
-77.78	49.50	0.00193	-84.85	56.57	0.00172
49.50	-91.92	0.00091	42.43	-84.85	0.00101
35.36	-77.78	0.00114	28.28	-70.71	0.00129
21.21	-63.64	0.00146	14.14	-56.57	0.00166
7.07	-49.50	0.00188	0.00	-42.43	0.00215
-3.54	-38.89	0.00232	-7.07	-35.36	0.00253
-9.19	-33.23	0.00269	-10.61	-31.82	0.00281
-12.02	-30.41	0.00294	-13.44	-28.99	0.00308
-14.85	-27.58	0.00323	-27.58	-14.85	0.00415
-28.99	-13.44	0.00420	-30.41	-12.02	0.00424
-31.82	-10.61	0.00428	-33.23	-9.19	0.00431
-35.36	-7.07	0.00433	-38.89	-3.54	0.00430
-42.43	0.00	0.00420	-49.50	7.07	0.00386
-56.57	14.14	0.00346	-63.64	21.21	0.00306
-70.71	28.28	0.00269	-77.78	35.36	0.00236
-84.85	42.43	0.00207	-91.92	49.50	0.00181
42.43	-98.99	0.00101	35.36	-91.92	0.00114
28.28	-84.85	0.00129	21.21	-77.78	0.00147
14.14	-70.71	0.00169	7.07	-63.64	0.00194
0.00	-56.57	0.00223	-7.07	-49.50	0.00258
-10.61	-45.96	0.00280	-14.14	-42.43	0.00307

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 ***

18NCRA_SR03-300_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	0.00326	-17.68	-38.89	0.00341
-19.09	-37.48	0.00359	-20.51	-36.06	0.00379
-21.92	-34.65	0.00403	-34.65	-21.92	0.00611
-36.06	-20.51	0.00610	-37.48	-19.09	0.00605
-38.89	-17.68	0.00598	-40.31	-16.26	0.00589
-42.43	-14.14	0.00574	-45.96	-10.61	0.00545
-49.50	-7.07	0.00514	-56.57	0.00	0.00449
-63.64	7.07	0.00389	-70.71	14.14	0.00335
-77.78	21.21	0.00288	-84.85	28.28	0.00249
-91.92	35.36	0.00215	-98.99	42.43	0.00186
35.36	-106.07	0.00112	28.28	-98.99	0.00126
21.21	-91.92	0.00144	14.14	-84.85	0.00166
7.07	-77.78	0.00193	0.00	-70.71	0.00226
-7.07	-63.64	0.00264	-14.14	-56.57	0.00312
-17.68	-53.03	0.00341	-21.21	-49.50	0.00378
-23.33	-47.38	0.00405	-24.75	-45.96	0.00426
-26.16	-44.55	0.00451	-27.58	-43.13	0.00483
-28.99	-41.72	0.00522	-41.72	-28.99	0.00754
-43.13	-27.58	0.00729	-44.55	-26.16	0.00707
-45.96	-24.75	0.00688	-47.38	-23.33	0.00671
-49.50	-21.21	0.00645	-53.03	-17.68	0.00603
-56.57	-14.14	0.00561	-63.64	-7.07	0.00482
-70.71	0.00	0.00410	-77.78	7.07	0.00348
-84.85	14.14	0.00296	-91.92	21.21	0.00252
-98.99	28.28	0.00215	-106.07	35.36	0.00185
28.28	-113.14	0.00120	21.21	-106.07	0.00137
14.14	-98.99	0.00157	7.07	-91.92	0.00182
0.00	-84.85	0.00213	-7.07	-77.78	0.00250
-14.14	-70.71	0.00294	-21.21	-63.64	0.00347
-24.75	-60.10	0.00378	-28.28	-56.57	0.00416
-30.41	-54.45	0.00443	-31.82	-53.03	0.00463
-33.23	-51.62	0.00486	-34.65	-50.20	0.00514
-36.06	-48.79	0.00550	-48.79	-36.06	0.00753
-50.20	-34.65	0.00729	-51.62	-33.23	0.00708
-53.03	-31.82	0.00690	-54.45	-30.41	0.00673
-56.57	-28.28	0.00648	-60.10	-24.75	0.00605
-63.64	-21.21	0.00563	-70.71	-14.14	0.00482
-77.78	-7.07	0.00408	-84.85	0.00	0.00344
-91.92	7.07	0.00290	-98.99	14.14	0.00245
-106.07	21.21	0.00207	-113.14	28.28	0.00177

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_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	0.00126	14.14	-113.14	0.00144	
7.07	-106.07	0.00166	0.00	-98.99	0.00192	
-7.07	-91.92	0.00224	-14.14	-84.85	0.00263	
-21.21	-77.78	0.00309	-28.28	-70.71	0.00362	
-31.82	-67.18	0.00391	-35.36	-63.64	0.00425	
-37.48	-61.52	0.00449	-38.89	-60.10	0.00468	
-40.31	-58.69	0.00489	-41.72	-57.28	0.00514	
-43.13	-55.86	0.00546	-55.86	-43.13	0.00740	
-57.28	-41.72	0.00715	-58.69	-40.31	0.00694	
-60.10	-38.89	0.00676	-61.52	-37.48	0.00658	
-63.64	-35.36	0.00633	-67.18	-31.82	0.00592	
-70.71	-28.28	0.00550	-77.78	-21.21	0.00468	
-84.85	-14.14	0.00393	-91.92	-7.07	0.00329	
-98.99	0.00	0.00274	-106.07	7.07	0.00230	
-113.14	14.14	0.00193	-120.21	21.21	0.00164	
14.14	-127.28	0.00128	7.07	-120.21	0.00148	
0.00	-113.14	0.00170	-7.07	-106.07	0.00198	
-14.14	-98.99	0.00230	-21.21	-91.92	0.00268	
-28.28	-84.85	0.00312	-35.36	-77.78	0.00362	
-38.89	-74.25	0.00389	-42.43	-70.71	0.00420	
-44.55	-68.59	0.00441	-45.96	-67.18	0.00457	
-47.38	-65.76	0.00477	-48.79	-64.35	0.00500	
-50.20	-62.93	0.00530	-62.93	-50.20	0.00716	
-64.35	-48.79	0.00691	-65.76	-47.38	0.00670	
-67.18	-45.96	0.00651	-68.59	-44.55	0.00634	
-70.71	-42.43	0.00608	-74.25	-38.89	0.00567	
-77.78	-35.36	0.00525	-84.85	-28.28	0.00443	
-91.92	-21.21	0.00368	-98.99	-14.14	0.00304	
-106.07	-7.07	0.00251	-113.14	0.00	0.00209	
-120.21	7.07	0.00175	-127.28	14.14	0.00148	
7.07	-134.35	0.00128	0.00	-127.28	0.00147	
-7.07	-120.21	0.00170	-14.14	-113.14	0.00197	
-21.21	-106.07	0.00229	-28.28	-98.99	0.00265	
-35.36	-91.92	0.00305	-42.43	-84.85	0.00351	
-45.96	-81.32	0.00376	-49.50	-77.78	0.00403	
-51.62	-75.66	0.00422	-53.03	-74.25	0.00436	

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00453	-55.86	-71.42	0.00474
-57.28	-70.00	0.00502	-70.00	-57.28	0.00681
-71.42	-55.86	0.00656	-72.83	-54.45	0.00635
-74.25	-53.03	0.00616	-75.66	-51.62	0.00598

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_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	0.00572	-81.32	-45.96	0.00529
-84.85	-42.43	0.00486	-91.92	-35.36	0.00404
-98.99	-28.28	0.00330	-106.07	-21.21	0.00270
-113.14	-14.14	0.00221	-120.21	-7.07	0.00184
-127.28	0.00	0.00154	-134.35	7.07	0.00130
0.00	-141.42	0.00125	-7.07	-134.35	0.00143
-14.14	-127.28	0.00165	-21.21	-120.21	0.00190
-28.28	-113.14	0.00221	-35.36	-106.07	0.00255
-42.43	-98.99	0.00292	-49.50	-91.92	0.00332
-53.03	-88.39	0.00354	-56.57	-84.85	0.00377
-58.69	-82.73	0.00393	-60.10	-81.32	0.00405
-61.52	-79.90	0.00420	-62.93	-78.49	0.00438
-64.35	-77.07	0.00462	-77.07	-64.35	0.00630
-78.49	-62.93	0.00605	-79.90	-61.52	0.00584
-81.32	-60.10	0.00565	-82.73	-58.69	0.00547
-84.85	-56.57	0.00520	-88.39	-53.03	0.00475
-91.92	-49.50	0.00430	-98.99	-42.43	0.00348
-106.07	-35.36	0.00281	-113.14	-28.28	0.00228
-120.21	-21.21	0.00187	-127.28	-14.14	0.00155
-134.35	-7.07	0.00130	-141.42	0.00	0.00111
-7.07	-148.49	0.00119	-14.14	-141.42	0.00136
-21.21	-134.35	0.00155	-28.28	-127.28	0.00179
-35.36	-120.21	0.00206	-42.43	-113.14	0.00237
-49.50	-106.07	0.00272	-56.57	-98.99	0.00306
-60.10	-95.46	0.00322	-63.64	-91.92	0.00341
-65.76	-89.80	0.00354	-67.18	-88.39	0.00363
-68.59	-86.97	0.00375	-70.00	-85.56	0.00390
-71.42	-84.15	0.00410	-84.15	-71.42	0.00556
-85.56	-70.00	0.00530	-86.97	-68.59	0.00508
-88.39	-67.18	0.00488	-89.80	-65.76	0.00468

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00440	-95.46	-60.10	0.00393
-98.99	-56.57	0.00350	-106.07	-49.50	0.00276
-113.14	-42.43	0.00222	-120.21	-35.36	0.00181
-127.28	-28.28	0.00149	-134.35	-21.21	0.00125
-141.42	-14.14	0.00106	-148.49	-7.07	0.00091
-14.14	-155.56	0.00111	-21.21	-148.49	0.00126
-28.28	-141.42	0.00143	-35.36	-134.35	0.00163
-42.43	-127.28	0.00186	-49.50	-120.21	0.00212
-56.57	-113.14	0.00240	-63.64	-106.07	0.00269
-67.18	-102.53	0.00283	-70.71	-98.99	0.00296

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	0.00304	-74.25	-95.46	0.00310
-75.66	-94.05	0.00317	-77.07	-92.63	0.00327
-78.49	-91.22	0.00342	-91.22	-78.49	0.00441
-92.63	-77.07	0.00412	-94.05	-75.66	0.00387
-95.46	-74.25	0.00365	-96.87	-72.83	0.00344
-98.99	-70.71	0.00316	-102.53	-67.18	0.00276
-106.07	-63.64	0.00244	-113.14	-56.57	0.00195
-120.21	-49.50	0.00159	-127.28	-42.43	0.00133
-134.35	-35.36	0.00113	-141.42	-28.28	0.00097
-148.49	-21.21	0.00083	-155.56	-14.14	0.00073
-21.21	-162.63	0.00100	-28.28	-155.56	0.00112
-35.36	-148.49	0.00126	-42.43	-141.42	0.00142
-49.50	-134.35	0.00161	-56.57	-127.28	0.00180
-63.64	-120.21	0.00201	-70.71	-113.14	0.00219
-74.25	-109.60	0.00226	-77.78	-106.07	0.00233
-79.90	-103.94	0.00237	-81.32	-102.53	0.00239
-82.73	-101.12	0.00242	-84.15	-99.70	0.00247
-85.56	-98.29	0.00254	-98.29	-85.56	0.00234
-99.70	-84.15	0.00210	-101.12	-82.73	0.00194
-102.53	-81.32	0.00182	-103.94	-79.90	0.00173
-106.07	-77.78	0.00163	-109.60	-74.25	0.00149
-113.14	-70.71	0.00138	-120.21	-63.64	0.00119
-127.28	-56.57	0.00104	-134.35	-49.50	0.00091
-141.42	-42.43	0.00080	-148.49	-35.36	0.00071

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00063	-162.63	-21.21	0.00056
-28.28	-169.71	0.00088	-35.36	-162.63	0.00097
-42.43	-155.56	0.00107	-49.50	-148.49	0.00119
-56.57	-141.42	0.00131	-63.64	-134.35	0.00142
-70.71	-127.28	0.00152	-77.78	-120.21	0.00156
-81.32	-116.67	0.00155	-84.85	-113.14	0.00150
-86.97	-111.02	0.00145	-88.39	-109.60	0.00141
-89.80	-108.19	0.00136	-91.22	-106.77	0.00130
-92.63	-105.36	0.00122	-105.36	-92.63	0.00076
-106.77	-91.22	0.00076	-108.19	-89.80	0.00076
-109.60	-88.39	0.00076	-111.02	-86.97	0.00076
-113.14	-84.85	0.00076	-116.67	-81.32	0.00076
-120.21	-77.78	0.00075	-127.28	-70.71	0.00072
-134.35	-63.64	0.00067	-141.42	-56.57	0.00062
-148.49	-49.50	0.00057	-155.56	-42.43	0.00052
-162.63	-35.36	0.00048	-169.71	-28.28	0.00044

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

20:31:55

**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	0.00076	-42.43	-169.71	0.00082
-49.50	-162.63	0.00090	-56.57	-155.56	0.00097
-63.64	-148.49	0.00104	-70.71	-141.42	0.00109
-77.78	-134.35	0.00112	-84.85	-127.28	0.00109
-88.39	-123.74	0.00104	-91.92	-120.21	0.00097
-94.05	-118.09	0.00092	-95.46	-116.67	0.00088
-96.87	-115.26	0.00084	-98.29	-113.84	0.00080
-99.70	-112.43	0.00076	-112.43	-99.70	0.00056
-113.84	-98.29	0.00056	-115.26	-96.87	0.00056
-116.67	-95.46	0.00055	-118.09	-94.05	0.00055
-120.21	-91.92	0.00055	-123.74	-88.39	0.00054
-127.28	-84.85	0.00053	-134.35	-77.78	0.00051
-141.42	-70.71	0.00049	-148.49	-63.64	0.00046
-155.56	-56.57	0.00043	-162.63	-49.50	0.00040
-169.71	-42.43	0.00038	-176.78	-35.36	0.00035
-42.43	-183.85	0.00065	-49.50	-176.78	0.00070
-56.57	-169.71	0.00074	-63.64	-162.63	0.00079
-70.71	-155.56	0.00083	-77.78	-148.49	0.00084

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00083	-91.92	-134.35	0.00079
-95.46	-130.81	0.00075	-98.99	-127.28	0.00069
-101.12	-125.16	0.00066	-102.53	-123.74	0.00063
-103.94	-122.33	0.00060	-105.36	-120.92	0.00058
-106.77	-119.50	0.00055	-119.50	-106.77	0.00045
-120.92	-105.36	0.00045	-122.33	-103.94	0.00045
-123.74	-102.53	0.00045	-125.16	-101.12	0.00045
-127.28	-98.99	0.00044	-130.81	-95.46	0.00043
-134.35	-91.92	0.00042	-141.42	-84.85	0.00040
-148.49	-77.78	0.00038	-155.56	-70.71	0.00036
-162.63	-63.64	0.00034	-169.71	-56.57	0.00033
-176.78	-49.50	0.00031	-183.85	-42.43	0.00029
-49.50	-190.92	0.00056	-56.57	-183.85	0.00059
-63.64	-176.78	0.00062	-70.71	-169.71	0.00064
-77.78	-162.63	0.00066	-84.85	-155.56	0.00066
-91.92	-148.49	0.00064	-98.99	-141.42	0.00059
-102.53	-137.89	0.00056	-106.07	-134.35	0.00052
-108.19	-132.23	0.00049	-109.60	-130.81	0.00048
-111.02	-129.40	0.00046	-112.43	-127.99	0.00045
-113.84	-126.57	0.00043	-126.57	-113.84	0.00037
-127.99	-112.43	0.00037	-129.40	-111.02	0.00037
-130.81	-109.60	0.00037	-132.23	-108.19	0.00037

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

20:31:55

**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	0.00035	-148.49	-91.92	0.00033
-155.56	-84.85	0.00031	-162.63	-77.78	0.00029
-169.71	-70.71	0.00028	-176.78	-63.64	0.00026
-183.85	-56.57	0.00025	-190.92	-49.50	0.00024
-56.57	-197.99	0.00048	-63.64	-190.92	0.00050
-70.71	-183.85	0.00051	-77.78	-176.78	0.00052
-84.85	-169.71	0.00053	-91.92	-162.63	0.00052
-98.99	-155.56	0.00050	-106.07	-148.49	0.00046
-109.60	-144.96	0.00043	-113.14	-141.42	0.00040
-115.26	-139.30	0.00039	-116.67	-137.89	0.00038
-118.09	-136.47	0.00037	-119.50	-135.06	0.00036

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00035	-133.64	-120.92	0.00031
-135.06	-119.50	0.00030	-136.47	-118.09	0.00030
-137.89	-116.67	0.00030	-139.30	-115.26	0.00031
-141.42	-113.14	0.00031	-144.96	-109.60	0.00030
-148.49	-106.07	0.00030	-155.56	-98.99	0.00027
-162.63	-91.92	0.00026	-169.71	-84.85	0.00024
-176.78	-77.78	0.00023	-183.85	-70.71	0.00022
-190.92	-63.64	0.00021	-197.99	-56.57	0.00020
-63.64	-205.06	0.00041	-70.71	-197.99	0.00042
-77.78	-190.92	0.00043	-84.85	-183.85	0.00043
-91.92	-176.78	0.00043	-98.99	-169.71	0.00042
-106.07	-162.63	0.00040	-113.14	-155.56	0.00036
-116.67	-152.03	0.00034	-120.21	-148.49	0.00032
-122.33	-146.37	0.00031	-123.74	-144.96	0.00030
-125.16	-143.54	0.00030	-126.57	-142.13	0.00029
-127.99	-140.71	0.00029	-140.71	-127.99	0.00026
-142.13	-126.57	0.00026	-143.54	-125.16	0.00025
-144.96	-123.74	0.00025	-146.37	-122.33	0.00026
-148.49	-120.21	0.00026	-152.03	-116.67	0.00026
-155.56	-113.14	0.00025	-162.63	-106.07	0.00024
-169.71	-98.99	0.00022	-176.78	-91.92	0.00021
-183.85	-84.85	0.00020	-190.92	-77.78	0.00019
-197.99	-70.71	0.00018	-205.06	-63.64	0.00017
-70.71	-212.13	0.00035	-77.78	-205.06	0.00036
-84.85	-197.99	0.00036	-91.92	-190.92	0.00036
-98.99	-183.85	0.00036	-106.07	-176.78	0.00035
-113.14	-169.71	0.00032	-120.21	-162.63	0.00030
-123.74	-159.10	0.00028	-127.28	-155.56	0.00026

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

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

20:31:55
 **MODELOPTs:
 PAGE 60

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	0.00026	-130.81	-152.03	0.00025
-132.23	-150.61	0.00025	-133.64	-149.20	0.00025
-135.06	-147.79	0.00024	-147.79	-135.06	0.00022
-149.20	-133.64	0.00022	-150.61	-132.23	0.00022
-152.03	-130.81	0.00022	-153.44	-129.40	0.00022
-155.56	-127.28	0.00022	-159.10	-123.74	0.00022

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00022	-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	0.00016
-205.06	-77.78	0.00016	-212.13	-70.71	0.00015
-77.78	-219.20	0.00030	-84.85	-212.13	0.00031
-91.92	-205.06	0.00031	-98.99	-197.99	0.00031
-106.07	-190.92	0.00030	-113.14	-183.85	0.00029
-120.21	-176.78	0.00027	-127.28	-169.71	0.00024
-130.81	-166.17	0.00023	-134.35	-162.63	0.00022
-136.47	-160.51	0.00022	-137.89	-159.10	0.00021
-139.30	-157.68	0.00021	-140.71	-156.27	0.00021
-142.13	-154.86	0.00021	-154.86	-142.13	0.00019
-156.27	-140.71	0.00019	-157.68	-139.30	0.00019
-159.10	-137.89	0.00019	-160.51	-136.47	0.00019
-162.63	-134.35	0.00019	-166.17	-130.81	0.00019
-169.71	-127.28	0.00019	-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	0.00013
-84.85	-226.27	0.00026	-91.92	-219.20	0.00027
-98.99	-212.13	0.00027	-106.07	-205.06	0.00026
-113.14	-197.99	0.00025	-120.21	-190.92	0.00024
-127.28	-183.85	0.00022	-134.35	-176.78	0.00020
-137.89	-173.24	0.00020	-141.42	-169.71	0.00019
-143.54	-167.58	0.00019	-144.96	-166.17	0.00018
-146.37	-164.76	0.00018	-147.79	-163.34	0.00018
-149.20	-161.93	0.00018	-161.93	-149.20	0.00016
-163.34	-147.79	0.00016	-164.76	-146.37	0.00016
-166.17	-144.96	0.00016	-167.58	-143.54	0.00016
-169.71	-141.42	0.00016	-173.24	-137.89	0.00016
-176.78	-134.35	0.00016	-183.85	-127.28	0.00016
-190.92	-120.21	0.00016	-197.99	-113.14	0.00015
-205.06	-106.07	0.00013	-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 ***

20:31:55

**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
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18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-233.35	0.00023	-98.99	-226.27	0.00023
-106.07	-219.20	0.00023	-113.14	-212.13	0.00022
-120.21	-205.06	0.00022	-127.28	-197.99	0.00020
-134.35	-190.92	0.00019	-141.42	-183.85	0.00017
-144.96	-180.31	0.00017	-148.49	-176.78	0.00016
-150.61	-174.66	0.00016	-152.03	-173.24	0.00016
-153.44	-171.83	0.00016	-154.86	-170.41	0.00016
-156.27	-169.00	0.00016	-169.00	-156.27	0.00014
-170.41	-154.86	0.00014	-171.83	-153.44	0.00014
-173.24	-152.03	0.00014	-174.66	-150.61	0.00014
-176.78	-148.49	0.00014	-180.31	-144.96	0.00014
-183.85	-141.42	0.00014	-190.92	-134.35	0.00014
-197.99	-127.28	0.00014	-205.06	-120.21	0.00013
-212.13	-113.14	0.00012	-219.20	-106.07	0.00011
-226.27	-98.99	0.00011	-233.35	-91.92	0.00010
-98.99	-240.42	0.00020	-106.07	-233.35	0.00020
-113.14	-226.27	0.00020	-120.21	-219.20	0.00019
-127.28	-212.13	0.00019	-134.35	-205.06	0.00017
-141.42	-197.99	0.00016	-148.49	-190.92	0.00015
-152.03	-187.38	0.00015	-155.56	-183.85	0.00014
-157.68	-181.73	0.00014	-159.10	-180.31	0.00014
-160.51	-178.90	0.00014	-161.93	-177.48	0.00014
-163.34	-176.07	0.00014	-176.07	-163.34	0.00013
-177.48	-161.93	0.00013	-178.90	-160.51	0.00013
-180.31	-159.10	0.00012	-181.73	-157.68	0.00012
-183.85	-155.56	0.00012	-187.38	-152.03	0.00012
-190.92	-148.49	0.00012	-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	0.00010
-233.35	-106.07	0.00010	-240.42	-98.99	0.00009
-106.07	-247.49	0.00018	-113.14	-240.42	0.00018
-120.21	-233.35	0.00017	-127.28	-226.27	0.00017
-134.35	-219.20	0.00016	-141.42	-212.13	0.00015
-148.49	-205.06	0.00014	-155.56	-197.99	0.00013
-159.10	-194.45	0.00013	-162.63	-190.92	0.00013
-164.76	-188.80	0.00012	-166.17	-187.38	0.00012
-167.58	-185.97	0.00012	-169.00	-184.55	0.00012
-170.41	-183.14	0.00012	-183.14	-170.41	0.00011
-184.55	-169.00	0.00011	-185.97	-167.58	0.00011
-187.38	-166.17	0.00011	-188.80	-164.76	0.00011

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

20:31:55
 **MODELOPTs:
 PAGE 62

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	0.00011	-194.45	-159.10	0.00011	
-197.99	-155.56	0.00011	-205.06	-148.49	0.00011	
-212.13	-141.42	0.00011	-219.20	-134.35	0.00011	
-226.27	-127.28	0.00010	-233.35	-120.21	0.00010	
-240.42	-113.14	0.00009	-247.49	-106.07	0.00008	

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

20:31:55
 **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	0.00019	240.42	113.14	0.00020	
233.35	120.21	0.00021	226.27	127.28	0.00022	
219.20	134.35	0.00023	212.13	141.42	0.00024	
205.06	148.49	0.00025	197.99	155.56	0.00026	
194.45	159.10	0.00026	190.92	162.63	0.00027	
188.80	164.76	0.00027	187.38	166.17	0.00027	
185.97	167.58	0.00027	184.55	169.00	0.00027	
183.14	170.41	0.00027	170.41	183.14	0.00028	
169.00	184.55	0.00028	167.58	185.97	0.00028	
166.17	187.38	0.00028	164.76	188.80	0.00028	
162.63	190.92	0.00028	159.10	194.45	0.00028	
155.56	197.99	0.00028	148.49	205.06	0.00028	
141.42	212.13	0.00028	134.35	219.20	0.00027	
127.28	226.27	0.00027	120.21	233.35	0.00027	
113.14	240.42	0.00027	106.07	247.49	0.00027	
240.42	98.99	0.00020	233.35	106.07	0.00021	
226.27	113.14	0.00022	219.20	120.21	0.00023	
212.13	127.28	0.00024	205.06	134.35	0.00026	
197.99	141.42	0.00027	190.92	148.49	0.00028	
187.38	152.03	0.00028	183.85	155.56	0.00029	
181.73	157.68	0.00029	180.31	159.10	0.00029	
178.90	160.51	0.00029	177.48	161.93	0.00029	
176.07	163.34	0.00029	163.34	176.07	0.00030	

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

161.93	177.48	0.00030	160.51	178.90	0.00030
159.10	180.31	0.00030	157.68	181.73	0.00030
155.56	183.85	0.00030	152.03	187.38	0.00030
148.49	190.92	0.00030	141.42	197.99	0.00030
134.35	205.06	0.00030	127.28	212.13	0.00030
120.21	219.20	0.00030	113.14	226.27	0.00029
106.07	233.35	0.00029	98.99	240.42	0.00029
233.35	91.92	0.00021	226.27	98.99	0.00022
219.20	106.07	0.00023	212.13	113.14	0.00025
205.06	120.21	0.00026	197.99	127.28	0.00028
190.92	134.35	0.00029	183.85	141.42	0.00030
180.31	144.96	0.00031	176.78	148.49	0.00031
174.66	150.61	0.00031	173.24	152.03	0.00032
171.83	153.44	0.00032	170.41	154.86	0.00032
169.00	156.27	0.00032	156.27	169.00	0.00032
154.86	170.41	0.00032	153.44	171.83	0.00032
152.03	173.24	0.00032	150.61	174.66	0.00032

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

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

20:31:55

**MODELOPTs:
 PAGE 64

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	0.00032	144.96	180.31	0.00032
141.42	183.85	0.00032	134.35	190.92	0.00032
127.28	197.99	0.00032	120.21	205.06	0.00032
113.14	212.13	0.00032	106.07	219.20	0.00032
99.00	226.27	0.00032	91.92	233.35	0.00032
226.27	84.85	0.00023	219.20	91.92	0.00024
212.13	98.99	0.00025	205.06	106.07	0.00026
197.99	113.14	0.00028	190.92	120.21	0.00030
183.85	127.28	0.00031	176.78	134.35	0.00033
173.24	137.89	0.00033	169.71	141.42	0.00034
167.58	143.54	0.00034	166.17	144.96	0.00034
164.76	146.37	0.00034	163.34	147.79	0.00035
161.93	149.20	0.00035	149.20	161.93	0.00035
147.79	163.34	0.00035	146.37	164.76	0.00035
144.96	166.17	0.00035	143.54	167.58	0.00035
141.42	169.71	0.00035	137.89	173.24	0.00035
134.35	176.78	0.00035	127.28	183.85	0.00035

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

120.21	190.92	0.00035	113.14	197.99	0.00035
106.07	205.06	0.00035	99.00	212.13	0.00035
91.92	219.20	0.00035	84.85	226.27	0.00035
219.20	77.78	0.00025	212.13	84.85	0.00026
205.06	91.92	0.00027	197.99	98.99	0.00028
190.92	106.07	0.00030	183.85	113.14	0.00032
176.78	120.21	0.00034	169.71	127.28	0.00036
166.17	130.81	0.00036	162.63	134.35	0.00037
160.51	136.47	0.00037	159.10	137.89	0.00037
157.68	139.30	0.00038	156.27	140.71	0.00038
154.86	142.13	0.00038	142.13	154.86	0.00039
140.71	156.27	0.00039	139.30	157.68	0.00039
137.89	159.10	0.00039	136.47	160.51	0.00039
134.35	162.63	0.00039	130.81	166.17	0.00039
127.28	169.71	0.00039	120.21	176.78	0.00038
113.14	183.85	0.00038	106.07	190.92	0.00038
99.00	197.99	0.00038	91.92	205.06	0.00038
84.85	212.13	0.00038	77.78	219.20	0.00038
212.13	70.71	0.00027	205.06	77.78	0.00028
197.99	84.85	0.00029	190.92	91.92	0.00030
183.85	98.99	0.00032	176.78	106.07	0.00034
169.71	113.14	0.00037	162.63	120.21	0.00039
159.10	123.74	0.00040	155.56	127.28	0.00040

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

20:31:55
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00041	152.03	130.81	0.00041
150.61	132.23	0.00041	149.20	133.64	0.00041
147.79	135.06	0.00042	135.06	147.79	0.00042
133.64	149.20	0.00042	132.23	150.61	0.00042
130.81	152.03	0.00042	129.40	153.44	0.00042
127.28	155.56	0.00042	123.74	159.10	0.00042
120.21	162.63	0.00042	113.14	169.71	0.00042
106.07	176.78	0.00042	98.99	183.85	0.00042
91.92	190.92	0.00042	84.85	197.99	0.00042
77.78	205.06	0.00042	70.71	212.13	0.00042
205.06	63.64	0.00029	197.99	70.71	0.00030

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00031	183.85	84.85	0.00033
176.78	91.92	0.00035	169.71	98.99	0.00037
162.63	106.07	0.00040	155.56	113.14	0.00042
152.03	116.67	0.00043	148.49	120.21	0.00044
146.37	122.33	0.00045	144.96	123.74	0.00045
143.54	125.16	0.00045	142.13	126.57	0.00046
140.71	127.99	0.00046	127.99	140.71	0.00047
126.57	142.13	0.00047	125.16	143.54	0.00047
123.74	144.96	0.00047	122.33	146.37	0.00047
120.21	148.49	0.00047	116.67	152.03	0.00047
113.14	155.56	0.00047	106.07	162.63	0.00046
98.99	169.71	0.00046	91.92	176.78	0.00046
84.85	183.85	0.00046	77.78	190.92	0.00046
70.71	197.99	0.00046	63.64	205.06	0.00046
197.99	56.57	0.00031	190.92	63.64	0.00032
183.85	70.71	0.00034	176.78	77.78	0.00036
169.71	84.85	0.00038	162.63	91.92	0.00040
155.56	98.99	0.00043	148.49	106.07	0.00046
144.96	109.60	0.00048	141.42	113.14	0.00049
139.30	115.26	0.00049	137.89	116.67	0.00050
136.47	118.09	0.00050	135.06	119.50	0.00050
133.64	120.92	0.00051	120.92	133.64	0.00052
119.50	135.06	0.00052	118.09	136.47	0.00052
116.67	137.89	0.00052	115.26	139.30	0.00052
113.14	141.42	0.00052	109.60	144.96	0.00052
106.07	148.49	0.00052	98.99	155.56	0.00052
91.92	162.63	0.00051	84.85	169.71	0.00051
77.78	176.78	0.00051	70.71	183.85	0.00051
63.64	190.92	0.00051	56.57	197.99	0.00051

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:31:55
 **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	0.00034	183.85	56.57	0.00035
176.78	63.64	0.00037	169.71	70.71	0.00039
162.63	77.78	0.00041	155.56	84.85	0.00044
148.49	91.92	0.00048	141.42	98.99	0.00051
137.89	102.53	0.00053	134.35	106.07	0.00054

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00055	130.81	109.60	0.00055
129.40	111.02	0.00056	127.99	112.43	0.00056
126.57	113.84	0.00056	113.84	126.57	0.00058
112.43	127.99	0.00058	111.02	129.40	0.00058
109.60	130.81	0.00058	108.19	132.23	0.00058
106.07	134.35	0.00058	102.53	137.89	0.00058
98.99	141.42	0.00058	91.92	148.49	0.00057
84.85	155.56	0.00057	77.78	162.63	0.00057
70.71	169.71	0.00057	63.64	176.78	0.00057
56.57	183.85	0.00057	49.50	190.92	0.00057
183.85	42.43	0.00036	176.78	49.50	0.00038
169.71	56.57	0.00040	162.63	63.64	0.00042
155.56	70.71	0.00045	148.49	77.78	0.00048
141.42	84.85	0.00052	134.35	91.92	0.00057
130.81	95.46	0.00059	127.28	98.99	0.00060
125.16	101.12	0.00061	123.74	102.53	0.00062
122.33	103.94	0.00062	120.92	105.36	0.00063
119.50	106.77	0.00063	106.77	119.50	0.00065
105.36	120.92	0.00065	103.94	122.33	0.00065
102.53	123.74	0.00065	101.12	125.16	0.00065
98.99	127.28	0.00065	95.46	130.81	0.00065
91.92	134.35	0.00065	84.85	141.42	0.00064
77.78	148.49	0.00064	70.71	155.56	0.00064
63.64	162.63	0.00064	56.57	169.71	0.00064
49.50	176.78	0.00064	42.43	183.85	0.00064
176.78	35.36	0.00039	169.71	42.43	0.00042
162.63	49.50	0.00044	155.56	56.57	0.00047
148.49	63.64	0.00050	141.42	70.71	0.00053
134.35	77.78	0.00058	127.28	84.85	0.00063
123.74	88.39	0.00065	120.21	91.92	0.00068
118.09	94.05	0.00069	116.67	95.46	0.00070
115.26	96.87	0.00070	113.84	98.29	0.00071
112.43	99.70	0.00071	99.70	112.43	0.00074
98.29	113.84	0.00074	96.87	115.26	0.00074
95.46	116.67	0.00074	94.05	118.09	0.00074

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

20:31:55
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

18NCRA_SR03-300_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	0.00073	88.39	123.74	0.00073
84.85	127.28	0.00073	77.78	134.35	0.00073
70.71	141.42	0.00073	63.64	148.49	0.00073
56.57	155.56	0.00073	49.50	162.63	0.00073
42.43	169.71	0.00072	35.36	176.78	0.00071
169.71	28.28	0.00043	162.63	35.36	0.00046
155.56	42.43	0.00049	148.49	49.50	0.00052
141.42	56.57	0.00055	134.35	63.64	0.00059
127.28	70.71	0.00064	120.21	77.78	0.00070
116.67	81.32	0.00073	113.14	84.85	0.00076
111.02	86.97	0.00078	109.60	88.39	0.00079
108.19	89.80	0.00080	106.77	91.22	0.00080
105.36	92.63	0.00081	92.63	105.36	0.00084
91.22	106.77	0.00084	89.80	108.19	0.00084
88.39	109.60	0.00084	86.97	111.02	0.00084
84.85	113.14	0.00084	81.32	116.67	0.00084
77.78	120.21	0.00084	70.71	127.28	0.00083
63.64	134.35	0.00083	56.57	141.42	0.00083
49.50	148.49	0.00083	42.43	155.56	0.00083
35.36	162.63	0.00082	28.28	169.71	0.00081
162.63	21.21	0.00046	155.56	28.28	0.00050
148.49	35.36	0.00054	141.42	42.43	0.00057
134.35	49.50	0.00061	127.28	56.57	0.00066
120.21	63.64	0.00071	113.14	70.71	0.00079
109.60	74.25	0.00083	106.07	77.78	0.00087
103.94	79.90	0.00089	102.53	81.32	0.00090
101.12	82.73	0.00091	99.70	84.15	0.00092
98.29	85.56	0.00093	85.56	98.29	0.00097
84.15	99.70	0.00097	82.73	101.12	0.00097
81.32	102.53	0.00097	79.90	103.94	0.00097
77.78	106.07	0.00097	74.25	109.60	0.00096
70.71	113.14	0.00096	63.64	120.21	0.00096
56.57	127.28	0.00096	49.50	134.35	0.00096
42.43	141.42	0.00096	35.36	148.49	0.00095
28.28	155.56	0.00094	21.21	162.63	0.00091
155.56	14.14	0.00050	148.49	21.21	0.00054
141.42	28.28	0.00059	134.35	35.36	0.00064
127.28	42.43	0.00069	120.21	49.50	0.00074
113.14	56.57	0.00080	106.07	63.64	0.00089
102.53	67.18	0.00094	98.99	70.71	0.00099

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

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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	0.00102	95.46	74.25	0.00103
94.05	75.66	0.00105	92.63	77.07	0.00106
91.22	78.49	0.00108	78.49	91.22	0.00113
77.07	92.63	0.00113	75.66	94.05	0.00113
74.25	95.46	0.00113	72.83	96.87	0.00113
70.71	98.99	0.00113	67.18	102.53	0.00112
63.64	106.07	0.00112	56.57	113.14	0.00112
49.50	120.21	0.00113	42.43	127.28	0.00113
35.36	134.35	0.00112	28.28	141.42	0.00110
21.21	148.49	0.00107	14.14	155.56	0.00104
148.49	7.07	0.00054	141.42	14.14	0.00059
134.35	21.21	0.00064	127.28	28.28	0.00070
120.21	35.36	0.00077	113.14	42.43	0.00084
106.07	49.50	0.00091	98.99	56.57	0.00101
95.46	60.10	0.00107	91.92	63.64	0.00114
89.80	65.76	0.00117	88.39	67.18	0.00120
86.97	68.59	0.00122	85.56	70.00	0.00124
84.15	71.42	0.00126	71.42	84.15	0.00133
70.00	85.56	0.00133	68.59	86.97	0.00133
67.18	88.39	0.00133	65.76	89.80	0.00133
63.64	91.92	0.00133	60.10	95.46	0.00133
56.57	98.99	0.00133	49.50	106.07	0.00133
42.43	113.14	0.00134	35.36	120.21	0.00133
28.28	127.28	0.00131	21.21	134.35	0.00128
14.14	141.42	0.00123	7.07	148.49	0.00117
141.42	0.00	0.00060	134.35	7.07	0.00065
127.28	14.14	0.00071	120.21	21.21	0.00078
113.14	28.28	0.00086	106.07	35.36	0.00095
98.99	42.43	0.00104	91.92	49.50	0.00116
88.39	53.03	0.00123	84.85	56.57	0.00131
82.73	58.69	0.00137	81.32	60.10	0.00140
79.90	61.52	0.00143	78.49	62.93	0.00146
77.07	64.35	0.00149	64.35	77.07	0.00159
62.93	78.49	0.00159	61.52	79.90	0.00159
60.10	81.32	0.00159	58.69	82.73	0.00159
56.57	84.85	0.00159	53.03	88.39	0.00159
49.50	91.92	0.00160	42.43	98.99	0.00161

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

35.36	106.07	0.00161	28.28	113.14	0.00159
21.21	120.21	0.00155	14.14	127.28	0.00148
7.07	134.35	0.00140	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 ***

20:31:55
 **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	0.00067	127.28	0.00	0.00073
120.21	7.07	0.00080	113.14	14.14	0.00087
106.07	21.21	0.00097	98.99	28.28	0.00108
91.92	35.36	0.00120	84.85	42.43	0.00134
81.32	45.96	0.00143	77.78	49.50	0.00153
75.66	51.62	0.00160	74.25	53.03	0.00165
72.83	54.45	0.00170	71.42	55.86	0.00174
70.00	57.28	0.00178	57.28	70.00	0.00194
55.86	71.42	0.00194	54.45	72.83	0.00194
53.03	74.25	0.00194	51.62	75.66	0.00194
49.50	77.78	0.00194	45.96	81.32	0.00195
42.43	84.85	0.00196	35.36	91.92	0.00198
28.28	98.99	0.00196	21.21	106.07	0.00191
14.14	113.14	0.00182	7.07	120.21	0.00171
0.00	127.28	0.00159	-7.07	134.35	0.00146
127.28	-14.14	0.00074	120.21	-7.07	0.00082
113.14	0.00	0.00090	106.07	7.07	0.00099
98.99	14.14	0.00110	91.92	21.21	0.00122
84.85	28.28	0.00138	77.78	35.36	0.00157
74.25	38.89	0.00168	70.71	42.43	0.00180
68.59	44.55	0.00189	67.18	45.96	0.00195
65.76	47.38	0.00202	64.35	48.79	0.00209
62.93	50.20	0.00215	50.20	62.93	0.00241
48.79	64.35	0.00241	47.38	65.76	0.00242
45.96	67.18	0.00242	44.55	68.59	0.00243
42.43	70.71	0.00244	38.89	74.25	0.00246
35.36	77.78	0.00248	28.28	84.85	0.00249
21.21	91.92	0.00242	14.14	98.99	0.00228
7.07	106.07	0.00212	0.00	113.14	0.00194
-7.07	120.21	0.00177	-14.14	127.28	0.00160
120.21	-21.21	0.00082	113.14	-14.14	0.00091

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00102	98.99	0.00	0.00114
91.92	7.07	0.00127	84.85	14.14	0.00142
77.78	21.21	0.00159	70.71	28.28	0.00182
67.18	31.82	0.00197	63.64	35.36	0.00214
61.52	37.48	0.00225	60.10	38.89	0.00234
58.69	40.31	0.00243	57.28	41.72	0.00252
55.86	43.13	0.00263	43.13	55.86	0.00309
41.72	57.28	0.00310	40.31	58.69	0.00311
38.89	60.10	0.00313	37.48	61.52	0.00315

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

20:31:55
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00318	31.82	67.18	0.00322
28.28	70.71	0.00323	21.21	77.78	0.00314
14.14	84.85	0.00294	7.07	91.92	0.00268
0.00	98.99	0.00242	-7.07	106.07	0.00217
-14.14	113.14	0.00193	-21.21	120.21	0.00172
113.14	-28.28	0.00091	106.07	-21.21	0.00101
98.99	-14.14	0.00114	91.92	-7.07	0.00129
84.85	0.00	0.00146	77.78	7.07	0.00166
70.71	14.14	0.00188	63.64	21.21	0.00215
60.10	24.75	0.00232	56.57	28.28	0.00253
54.45	30.41	0.00269	53.03	31.82	0.00281
51.62	33.23	0.00294	50.20	34.65	0.00308
48.79	36.06	0.00323	36.06	48.79	0.00415
34.65	50.20	0.00420	33.23	51.62	0.00424
31.82	53.03	0.00428	30.41	54.45	0.00431
28.28	56.57	0.00433	24.75	60.10	0.00430
21.21	63.64	0.00420	14.14	70.71	0.00386
7.07	77.78	0.00346	0.00	84.85	0.00306
-7.07	91.92	0.00269	-14.14	98.99	0.00236
-21.21	106.07	0.00207	-28.28	113.14	0.00181
106.07	-35.36	0.00101	98.99	-28.28	0.00114
91.92	-21.21	0.00129	84.85	-14.14	0.00147
77.78	-7.07	0.00169	70.71	0.00	0.00194
63.64	7.07	0.00223	56.57	14.14	0.00258
53.03	17.68	0.00280	49.50	21.21	0.00307

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00326	45.96	24.75	0.00341
44.55	26.16	0.00359	43.13	27.58	0.00379
41.72	28.99	0.00403	28.99	41.72	0.00611
27.58	43.13	0.00610	26.16	44.55	0.00605
24.75	45.96	0.00598	23.33	47.38	0.00589
21.21	49.50	0.00574	17.68	53.03	0.00545
14.14	56.57	0.00514	7.07	63.64	0.00449
0.00	70.71	0.00389	-7.07	77.78	0.00335
-14.14	84.85	0.00288	-21.21	91.92	0.00249
-28.28	98.99	0.00215	-35.36	106.07	0.00186
98.99	-42.43	0.00112	91.92	-35.36	0.00126
84.85	-28.28	0.00144	77.78	-21.21	0.00166
70.71	-14.14	0.00193	63.64	-7.07	0.00226
56.57	0.00	0.00264	49.50	7.07	0.00312
45.96	10.61	0.00341	42.43	14.14	0.00378

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

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

20:31:55

**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	0.00405	38.89	17.68	0.00426
37.48	19.09	0.00451	36.06	20.51	0.00483
34.65	21.92	0.00522	21.92	34.65	0.00754
20.51	36.06	0.00729	19.09	37.48	0.00707
17.68	38.89	0.00688	16.26	40.31	0.00671
14.14	42.43	0.00645	10.61	45.96	0.00603
7.07	49.50	0.00561	0.00	56.57	0.00482
-7.07	63.64	0.00410	-14.14	70.71	0.00348
-21.21	77.78	0.00296	-28.28	84.85	0.00252
-35.36	91.92	0.00215	-42.43	98.99	0.00185
91.92	-49.50	0.00120	84.85	-42.43	0.00137
77.78	-35.36	0.00157	70.71	-28.28	0.00182
63.64	-21.21	0.00213	56.57	-14.14	0.00250
49.50	-7.07	0.00294	42.43	0.00	0.00347
38.89	3.54	0.00378	35.36	7.07	0.00416
33.23	9.19	0.00443	31.82	10.61	0.00463
30.41	12.02	0.00486	28.99	13.44	0.00514
27.58	14.85	0.00550	14.85	27.58	0.00753
13.44	28.99	0.00729	12.02	30.41	0.00708

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00690	9.19	33.23	0.00673
7.07	35.36	0.00648	3.54	38.89	0.00605
0.00	42.43	0.00563	-7.07	49.50	0.00482
-14.14	56.57	0.00408	-21.21	63.64	0.00344
-28.28	70.71	0.00290	-35.36	77.78	0.00245
-42.43	84.85	0.00207	-49.50	91.92	0.00177
84.85	-56.57	0.00126	77.78	-49.50	0.00144
70.71	-42.43	0.00166	63.64	-35.36	0.00192
56.57	-28.28	0.00224	49.50	-21.21	0.00263
42.43	-14.14	0.00309	35.36	-7.07	0.00362
31.82	-3.54	0.00391	28.28	0.00	0.00425
26.16	2.12	0.00449	24.75	3.54	0.00468
23.33	4.95	0.00489	21.92	6.36	0.00514
20.51	7.78	0.00546	7.78	20.51	0.00740
6.36	21.92	0.00715	4.95	23.33	0.00694
3.54	24.75	0.00676	2.12	26.16	0.00658
0.00	28.28	0.00633	-3.54	31.82	0.00592
-7.07	35.36	0.00550	-14.14	42.43	0.00468
-21.21	49.50	0.00393	-28.28	56.57	0.00329
-35.36	63.64	0.00274	-42.43	70.71	0.00230
-49.50	77.78	0.00193	-56.57	84.85	0.00164

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

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

20:31:55

**MODELOPTs:

PAGE 72

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	0.00128	70.71	-56.57	0.00148
63.64	-49.50	0.00170	56.57	-42.43	0.00198
49.50	-35.36	0.00230	42.43	-28.28	0.00268
35.36	-21.21	0.00312	28.28	-14.14	0.00362
24.75	-10.61	0.00389	21.21	-7.07	0.00420
19.09	-4.95	0.00441	17.68	-3.54	0.00457
16.26	-2.12	0.00477	14.85	-0.71	0.00500
13.44	0.71	0.00530	0.71	13.44	0.00716
-0.71	14.85	0.00691	-2.12	16.26	0.00670
-3.54	17.68	0.00651	-4.95	19.09	0.00634
-7.07	21.21	0.00608	-10.61	24.75	0.00567
-14.14	28.28	0.00525	-21.21	35.36	0.00443
-28.28	42.43	0.00368	-35.36	49.50	0.00304

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00251	-49.50	63.64	0.00209
-56.57	70.71	0.00175	-63.64	77.78	0.00148
70.71	-70.71	0.00128	63.64	-63.64	0.00147
56.57	-56.57	0.00170	49.50	-49.50	0.00197
42.43	-42.43	0.00229	35.36	-35.36	0.00265
28.28	-28.28	0.00305	21.21	-21.21	0.00351
17.68	-17.68	0.00376	14.14	-14.14	0.00403
12.02	-12.02	0.00422	10.61	-10.61	0.00436
9.19	-9.19	0.00453	7.78	-7.78	0.00474
6.36	-6.36	0.00502	-6.36	6.36	0.00681
-7.78	7.78	0.00656	-9.19	9.19	0.00635
-10.61	10.61	0.00616	-12.02	12.02	0.00598
-14.14	14.14	0.00572	-17.68	17.68	0.00529
-21.21	21.21	0.00486	-28.28	28.28	0.00404
-35.36	35.36	0.00330	-42.43	42.43	0.00270
-49.50	49.50	0.00221	-56.57	56.57	0.00184
-63.64	63.64	0.00154	-70.71	70.71	0.00130
63.64	-77.78	0.00125	56.57	-70.71	0.00143
49.50	-63.64	0.00165	42.43	-56.57	0.00190
35.36	-49.50	0.00221	28.28	-42.43	0.00255
21.21	-35.36	0.00292	14.14	-28.28	0.00332
10.61	-24.75	0.00354	7.07	-21.21	0.00377
4.95	-19.09	0.00393	3.54	-17.68	0.00405
2.12	-16.26	0.00420	0.71	-14.85	0.00438
-0.71	-13.44	0.00462	-13.44	-0.71	0.00630
-14.85	0.71	0.00605	-16.26	2.12	0.00584
-17.68	3.54	0.00565	-19.09	4.95	0.00547

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

20:31:55
 **MODELOPTs:
 PAGE 73
 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	0.00520	-24.75	10.61	0.00475
-28.28	14.14	0.00430	-35.36	21.21	0.00348
-42.43	28.28	0.00281	-49.50	35.36	0.00228
-56.57	42.43	0.00187	-63.64	49.50	0.00155
-70.71	56.57	0.00130	-77.78	63.64	0.00111
56.57	-84.85	0.00119	49.50	-77.78	0.00136
42.43	-70.71	0.00155	35.36	-63.64	0.00179

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00206	21.21	-49.50	0.00237
14.14	-42.43	0.00272	7.07	-35.36	0.00306
3.54	-31.82	0.00322	0.00	-28.28	0.00341
-2.12	-26.16	0.00354	-3.54	-24.75	0.00363
-4.95	-23.33	0.00375	-6.36	-21.92	0.00390
-7.78	-20.51	0.00410	-20.51	-7.78	0.00556
-21.92	-6.36	0.00530	-23.33	-4.95	0.00508
-24.75	-3.54	0.00488	-26.16	-2.12	0.00468
-28.28	0.00	0.00440	-31.82	3.54	0.00393
-35.36	7.07	0.00349	-42.43	14.14	0.00276
-49.50	21.21	0.00222	-56.57	28.28	0.00181
-63.64	35.36	0.00149	-70.71	42.43	0.00125
-77.78	49.50	0.00106	-84.85	56.57	0.00091
49.50	-91.92	0.00111	42.43	-84.85	0.00126
35.36	-77.78	0.00143	28.28	-70.71	0.00163
21.21	-63.64	0.00186	14.14	-56.57	0.00212
7.07	-49.50	0.00240	0.00	-42.43	0.00269
-3.54	-38.89	0.00283	-7.07	-35.36	0.00296
-9.19	-33.23	0.00304	-10.61	-31.82	0.00310
-12.02	-30.41	0.00317	-13.44	-28.99	0.00327
-14.85	-27.58	0.00342	-27.58	-14.85	0.00441
-28.99	-13.44	0.00412	-30.41	-12.02	0.00387
-31.82	-10.61	0.00365	-33.23	-9.19	0.00344
-35.36	-7.07	0.00316	-38.89	-3.54	0.00276
-42.43	0.00	0.00244	-49.50	7.07	0.00195
-56.57	14.14	0.00159	-63.64	21.21	0.00133
-70.71	28.28	0.00113	-77.78	35.36	0.00097
-84.85	42.43	0.00083	-91.92	49.50	0.00073
42.43	-98.99	0.00100	35.36	-91.92	0.00112
28.28	-84.85	0.00126	21.21	-77.78	0.00142
14.14	-70.71	0.00161	7.07	-63.64	0.00180
0.00	-56.57	0.00201	-7.07	-49.50	0.00219
-10.61	-45.96	0.00226	-14.14	-42.43	0.00233

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

20:31:55
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00236	-17.68	-38.89	0.00239

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00242	-20.51	-36.06	0.00247
-21.92	-34.65	0.00254	-34.65	-21.92	0.00234
-36.06	-20.51	0.00210	-37.48	-19.09	0.00194
-38.89	-17.68	0.00182	-40.31	-16.26	0.00173
-42.43	-14.14	0.00163	-45.96	-10.61	0.00149
-49.50	-7.07	0.00138	-56.57	0.00	0.00119
-63.64	7.07	0.00104	-70.71	14.14	0.00091
-77.78	21.21	0.00080	-84.85	28.28	0.00071
-91.92	35.36	0.00063	-98.99	42.43	0.00056
35.36	-106.07	0.00088	28.28	-98.99	0.00097
21.21	-91.92	0.00107	14.14	-84.85	0.00119
7.07	-77.78	0.00131	0.00	-70.71	0.00142
-7.07	-63.64	0.00152	-14.14	-56.57	0.00156
-17.68	-53.03	0.00155	-21.21	-49.50	0.00150
-23.33	-47.38	0.00145	-24.75	-45.96	0.00141
-26.16	-44.55	0.00136	-27.58	-43.13	0.00130
-28.99	-41.72	0.00122	-41.72	-28.99	0.00076
-43.13	-27.58	0.00076	-44.55	-26.16	0.00076
-45.96	-24.75	0.00076	-47.38	-23.33	0.00076
-49.50	-21.21	0.00076	-53.03	-17.68	0.00076
-56.57	-14.14	0.00075	-63.64	-7.07	0.00072
-70.71	0.00	0.00067	-77.78	7.07	0.00062
-84.85	14.14	0.00057	-91.92	21.21	0.00052
-98.99	28.28	0.00048	-106.07	35.36	0.00044
28.28	-113.14	0.00076	21.21	-106.07	0.00082
14.14	-98.99	0.00090	7.07	-91.92	0.00097
0.00	-84.85	0.00104	-7.07	-77.78	0.00109
-14.14	-70.71	0.00112	-21.21	-63.64	0.00109
-24.75	-60.10	0.00104	-28.28	-56.57	0.00097
-30.41	-54.45	0.00092	-31.82	-53.03	0.00088
-33.23	-51.62	0.00084	-34.65	-50.20	0.00080
-36.06	-48.79	0.00076	-48.79	-36.06	0.00056
-50.20	-34.65	0.00056	-51.62	-33.23	0.00056
-53.03	-31.82	0.00055	-54.45	-30.41	0.00055
-56.57	-28.28	0.00055	-60.10	-24.75	0.00054
-63.64	-21.21	0.00053	-70.71	-14.14	0.00051
-77.78	-7.07	0.00049	-84.85	0.00	0.00046
-91.92	7.07	0.00043	-98.99	14.14	0.00040
-106.07	21.21	0.00038	-113.14	28.28	0.00035

1 *** ISCT3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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	0.00065	14.14	-113.14	0.00070	
7.07	-106.07	0.00074	0.00	-98.99	0.00079	
-7.07	-91.92	0.00083	-14.14	-84.85	0.00084	
-21.21	-77.78	0.00083	-28.28	-70.71	0.00079	
-31.82	-67.18	0.00075	-35.36	-63.64	0.00069	
-37.48	-61.52	0.00066	-38.89	-60.10	0.00063	
-40.31	-58.69	0.00060	-41.72	-57.28	0.00058	
-43.13	-55.86	0.00055	-55.86	-43.13	0.00045	
-57.28	-41.72	0.00045	-58.69	-40.31	0.00045	
-60.10	-38.89	0.00045	-61.52	-37.48	0.00045	
-63.64	-35.36	0.00044	-67.18	-31.82	0.00043	
-70.71	-28.28	0.00042	-77.78	-21.21	0.00040	
-84.85	-14.14	0.00038	-91.92	-7.07	0.00036	
-98.99	0.00	0.00034	-106.07	7.07	0.00033	
-113.14	14.14	0.00031	-120.21	21.21	0.00029	
14.14	-127.28	0.00056	7.07	-120.21	0.00059	
0.00	-113.14	0.00062	-7.07	-106.07	0.00064	
-14.14	-98.99	0.00066	-21.21	-91.92	0.00066	
-28.28	-84.85	0.00064	-35.36	-77.78	0.00059	
-38.89	-74.25	0.00056	-42.43	-70.71	0.00052	
-44.55	-68.59	0.00049	-45.96	-67.18	0.00048	
-47.38	-65.76	0.00046	-48.79	-64.35	0.00045	
-50.20	-62.93	0.00043	-62.93	-50.20	0.00037	
-64.35	-48.79	0.00037	-65.76	-47.38	0.00037	
-67.18	-45.96	0.00037	-68.59	-44.55	0.00037	
-70.71	-42.43	0.00037	-74.25	-38.89	0.00036	
-77.78	-35.36	0.00035	-84.85	-28.28	0.00033	
-91.92	-21.21	0.00031	-98.99	-14.14	0.00029	
-106.07	-7.07	0.00028	-113.14	0.00	0.00026	
-120.21	7.07	0.00025	-127.28	14.14	0.00024	
7.07	-134.35	0.00048	0.00	-127.28	0.00050	
-7.07	-120.21	0.00051	-14.14	-113.14	0.00052	
-21.21	-106.07	0.00053	-28.28	-98.99	0.00052	
-35.36	-91.92	0.00050	-42.43	-84.85	0.00046	
-45.96	-81.32	0.00043	-49.50	-77.78	0.00040	
-51.62	-75.66	0.00039	-53.03	-74.25	0.00038	
-54.45	-72.83	0.00037	-55.86	-71.42	0.00036	
-57.28	-70.00	0.00035	-70.00	-57.28	0.00031	
-71.42	-55.86	0.00030	-72.83	-54.45	0.00030	

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-74.25 -53.03 0.00030 -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 ***

20:31:55

**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	0.00030	-91.92	-35.36	0.00027
-98.99	-28.28	0.00026	-106.07	-21.21	0.00024
-113.14	-14.14	0.00023	-120.21	-7.07	0.00022
-127.28	0.00	0.00021	-134.35	7.07	0.00020
0.00	-141.42	0.00041	-7.07	-134.35	0.00042
-14.14	-127.28	0.00043	-21.21	-120.21	0.00043
-28.28	-113.14	0.00043	-35.36	-106.07	0.00042
-42.43	-98.99	0.00040	-49.50	-91.92	0.00036
-53.03	-88.39	0.00034	-56.57	-84.85	0.00032
-58.69	-82.73	0.00031	-60.10	-81.32	0.00030
-61.52	-79.90	0.00030	-62.93	-78.49	0.00029
-64.35	-77.07	0.00029	-77.07	-64.35	0.00026
-78.49	-62.93	0.00026	-79.90	-61.52	0.00025
-81.32	-60.10	0.00025	-82.73	-58.69	0.00026
-84.85	-56.57	0.00026	-88.39	-53.03	0.00026
-91.92	-49.50	0.00025	-98.99	-42.43	0.00024
-106.07	-35.36	0.00022	-113.14	-28.28	0.00021
-120.21	-21.21	0.00020	-127.28	-14.14	0.00019
-134.35	-7.07	0.00018	-141.42	0.00	0.00017
-7.07	-148.49	0.00035	-14.14	-141.42	0.00036
-21.21	-134.35	0.00036	-28.28	-127.28	0.00036
-35.36	-120.21	0.00036	-42.43	-113.14	0.00035
-49.50	-106.07	0.00032	-56.57	-98.99	0.00030
-60.10	-95.46	0.00028	-63.64	-91.92	0.00026
-65.76	-89.80	0.00026	-67.18	-88.39	0.00025
-68.59	-86.97	0.00025	-70.00	-85.56	0.00025
-71.42	-84.15	0.00024	-84.15	-71.42	0.00022
-85.56	-70.00	0.00022	-86.97	-68.59	0.00022
-88.39	-67.18	0.00022	-89.80	-65.76	0.00022
-91.92	-63.64	0.00022	-95.46	-60.10	0.00022
-98.99	-56.57	0.00022	-106.07	-49.50	0.00021
-113.14	-42.43	0.00019	-120.21	-35.36	0.00018

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00017	-134.35	-21.21	0.00016
-141.42	-14.14	0.00016	-148.49	-7.07	0.00015
-14.14	-155.56	0.00030	-21.21	-148.49	0.00031
-28.28	-141.42	0.00031	-35.36	-134.35	0.00031
-42.43	-127.28	0.00030	-49.50	-120.21	0.00029
-56.57	-113.14	0.00027	-63.64	-106.07	0.00024
-67.18	-102.53	0.00023	-70.71	-98.99	0.00022

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

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

20:31:55

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00022	-74.25	-95.46	0.00021
-75.66	-94.05	0.00021	-77.07	-92.63	0.00021
-78.49	-91.22	0.00021	-91.22	-78.49	0.00019
-92.63	-77.07	0.00019	-94.05	-75.66	0.00019
-95.46	-74.25	0.00019	-96.87	-72.83	0.00019
-98.99	-70.71	0.00019	-102.53	-67.18	0.00019
-106.07	-63.64	0.00019	-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	0.00013
-21.21	-162.63	0.00026	-28.28	-155.56	0.00027
-35.36	-148.49	0.00027	-42.43	-141.42	0.00026
-49.50	-134.35	0.00025	-56.57	-127.28	0.00024
-63.64	-120.21	0.00022	-70.71	-113.14	0.00020
-74.25	-109.60	0.00020	-77.78	-106.07	0.00019
-79.90	-103.94	0.00019	-81.32	-102.53	0.00018
-82.73	-101.12	0.00018	-84.15	-99.70	0.00018
-85.56	-98.29	0.00018	-98.29	-85.56	0.00016
-99.70	-84.15	0.00016	-101.12	-82.73	0.00016
-102.53	-81.32	0.00016	-103.94	-79.90	0.00016
-106.07	-77.78	0.00016	-109.60	-74.25	0.00016
-113.14	-70.71	0.00016	-120.21	-63.64	0.00016
-127.28	-56.57	0.00016	-134.35	-49.50	0.00015
-141.42	-42.43	0.00013	-148.49	-35.36	0.00013
-155.56	-28.28	0.00012	-162.63	-21.21	0.00011
-28.28	-169.71	0.00023	-35.36	-162.63	0.00023
-42.43	-155.56	0.00023	-49.50	-148.49	0.00022

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-141.42	0.00022	-63.64	-134.35	0.00020
-70.71	-127.28	0.00019	-77.78	-120.21	0.00017
-81.32	-116.67	0.00017	-84.85	-113.14	0.00016
-86.97	-111.02	0.00016	-88.39	-109.60	0.00016
-89.80	-108.19	0.00016	-91.22	-106.77	0.00016
-92.63	-105.36	0.00016	-105.36	-92.63	0.00014
-106.77	-91.22	0.00014	-108.19	-89.80	0.00014
-109.60	-88.39	0.00014	-111.02	-86.97	0.00014
-113.14	-84.85	0.00014	-116.67	-81.32	0.00014
-120.21	-77.78	0.00014	-127.28	-70.71	0.00014
-134.35	-63.64	0.00014	-141.42	-56.57	0.00013
-148.49	-49.50	0.00012	-155.56	-42.43	0.00011
-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 ***

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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
-35.36	-176.78	0.00020	-42.43	-169.71	0.00020
-49.50	-162.63	0.00020	-56.57	-155.56	0.00019
-63.64	-148.49	0.00019	-70.71	-141.42	0.00017
-77.78	-134.35	0.00016	-84.85	-127.28	0.00015
-88.39	-123.74	0.00015	-91.92	-120.21	0.00014
-94.05	-118.09	0.00014	-95.46	-116.67	0.00014
-96.87	-115.26	0.00014	-98.29	-113.84	0.00014
-99.70	-112.43	0.00014	-112.43	-99.70	0.00013
-113.84	-98.29	0.00013	-115.26	-96.87	0.00013
-116.67	-95.46	0.00012	-118.09	-94.05	0.00012
-120.21	-91.92	0.00012	-123.74	-88.39	0.00012
-127.28	-84.85	0.00012	-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	0.00010
-169.71	-42.43	0.00010	-176.78	-35.36	0.00009
-42.43	-183.85	0.00018	-49.50	-176.78	0.00018
-56.57	-169.71	0.00017	-63.64	-162.63	0.00017
-70.71	-155.56	0.00016	-77.78	-148.49	0.00015
-84.85	-141.42	0.00014	-91.92	-134.35	0.00013
-95.46	-130.81	0.00013	-98.99	-127.28	0.00013
-101.12	-125.16	0.00012	-102.53	-123.74	0.00012

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-103.94	-122.33	0.00012	-105.36	-120.92	0.00012
-106.77	-119.50	0.00012	-119.50	-106.77	0.00011
-120.92	-105.36	0.00011	-122.33	-103.94	0.00011
-123.74	-102.53	0.00011	-125.16	-101.12	0.00011
-127.28	-98.99	0.00011	-130.81	-95.46	0.00011
-134.35	-91.92	0.00011	-141.42	-84.85	0.00011
-148.49	-77.78	0.00011	-155.56	-70.71	0.00011
-162.63	-63.64	0.00010	-169.71	-56.57	0.00010
-176.78	-49.50	0.00009	-183.85	-42.43	0.00008
-49.50	-190.92	0.00016	-56.57	-183.85	0.00016
-63.64	-176.78	0.00015	-70.71	-169.71	0.00015
-77.78	-162.63	0.00014	-84.85	-155.56	0.00013
-91.92	-148.49	0.00012	-98.99	-141.42	0.00012
-102.53	-137.89	0.00011	-106.07	-134.35	0.00011
-108.19	-132.23	0.00011	-109.60	-130.81	0.00011
-111.02	-129.40	0.00011	-112.43	-127.99	0.00011
-113.84	-126.57	0.00011	-126.57	-113.84	0.00010
-127.99	-112.43	0.00010	-129.40	-111.02	0.00010
-130.81	-109.60	0.00010	-132.23	-108.19	0.00010

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
-134.35	-106.07	0.00010	-137.89	-102.53	0.00010
-141.42	-98.99	0.00010	-148.49	-91.92	0.00010
-155.56	-84.85	0.00010	-162.63	-77.78	0.00010
-169.71	-70.71	0.00009	-176.78	-63.64	0.00009
-183.85	-56.57	0.00008	-190.92	-49.50	0.00008
-56.57	-197.99	0.00014	-63.64	-190.92	0.00014
-70.71	-183.85	0.00013	-77.78	-176.78	0.00013
-84.85	-169.71	0.00012	-91.92	-162.63	0.00012
-98.99	-155.56	0.00011	-106.07	-148.49	0.00010
-109.60	-144.96	0.00010	-113.14	-141.42	0.00010
-115.26	-139.30	0.00010	-116.67	-137.89	0.00010
-118.09	-136.47	0.00010	-119.50	-135.06	0.00010
-120.92	-133.64	0.00010	-133.64	-120.92	0.00009
-135.06	-119.50	0.00009	-136.47	-118.09	0.00009
-137.89	-116.67	0.00009	-139.30	-115.26	0.00009

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00009	-144.96	-109.60	0.00009
-148.49	-106.07	0.00009	-155.56	-98.99	0.00009
-162.63	-91.92	0.00009	-169.71	-84.85	0.00009
-176.78	-77.78	0.00009	-183.85	-70.71	0.00008
-190.92	-63.64	0.00008	-197.99	-56.57	0.00007
-63.64	-205.06	0.00013	-70.71	-197.99	0.00012
-77.78	-190.92	0.00012	-84.85	-183.85	0.00011
-91.92	-176.78	0.00011	-98.99	-169.71	0.00010
-106.07	-162.63	0.00010	-113.14	-155.56	0.00009
-116.67	-152.03	0.00009	-120.21	-148.49	0.00009
-122.33	-146.37	0.00009	-123.74	-144.96	0.00009
-125.16	-143.54	0.00009	-126.57	-142.13	0.00009
-127.99	-140.71	0.00009	-140.71	-127.99	0.00008
-142.13	-126.57	0.00008	-143.54	-125.16	0.00008
-144.96	-123.74	0.00008	-146.37	-122.33	0.00008
-148.49	-120.21	0.00008	-152.03	-116.67	0.00008
-155.56	-113.14	0.00008	-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	0.00008
-197.99	-70.71	0.00007	-205.06	-63.64	0.00007
-70.71	-212.13	0.00011	-77.78	-205.06	0.00011
-84.85	-197.99	0.00011	-91.92	-190.92	0.00010
-98.99	-183.85	0.00010	-106.07	-176.78	0.00009
-113.14	-169.71	0.00009	-120.21	-162.63	0.00008
-123.74	-159.10	0.00008	-127.28	-155.56	0.00008

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

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-77.78	0.00007	-212.13	-70.71	0.00006
-77.78	-219.20	0.00010	-84.85	-212.13	0.00010
-91.92	-205.06	0.00010	-98.99	-197.99	0.00009
-106.07	-190.92	0.00009	-113.14	-183.85	0.00008
-120.21	-176.78	0.00008	-127.28	-169.71	0.00008
-130.81	-166.17	0.00008	-134.35	-162.63	0.00007
-136.47	-160.51	0.00007	-137.89	-159.10	0.00007
-139.30	-157.68	0.00007	-140.71	-156.27	0.00007
-142.13	-154.86	0.00007	-154.86	-142.13	0.00007
-156.27	-140.71	0.00007	-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	0.00007
-197.99	-98.99	0.00007	-205.06	-91.92	0.00007
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00009	-91.92	-219.20	0.00009
-98.99	-212.13	0.00009	-106.07	-205.06	0.00008
-113.14	-197.99	0.00008	-120.21	-190.92	0.00007
-127.28	-183.85	0.00007	-134.35	-176.78	0.00007
-137.89	-173.24	0.00007	-141.42	-169.71	0.00007
-143.54	-167.58	0.00007	-144.96	-166.17	0.00007
-146.37	-164.76	0.00007	-147.79	-163.34	0.00007
-149.20	-161.93	0.00007	-161.93	-149.20	0.00006
-163.34	-147.79	0.00006	-164.76	-146.37	0.00006
-166.17	-144.96	0.00006	-167.58	-143.54	0.00006
-169.71	-141.42	0.00006	-173.24	-137.89	0.00006
-176.78	-134.35	0.00006	-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 ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00008	-98.99	-226.27	0.00008
-106.07	-219.20	0.00008	-113.14	-212.13	0.00007
-120.21	-205.06	0.00007	-127.28	-197.99	0.00007

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

20:31:55

**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 ,

18NCRA_SR03-300_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	0.00005	-247.49	-106.07	0.00005

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

20:31:55
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00036	240.42	113.14	0.00038
233.35	120.21	0.00040	226.27	127.28	0.00042
219.20	134.35	0.00045	212.13	141.42	0.00048
205.06	148.49	0.00052	197.99	155.56	0.00057
194.45	159.10	0.00059	190.92	162.63	0.00060
188.80	164.76	0.00061	187.38	166.17	0.00062
185.97	167.58	0.00062	184.55	169.00	0.00063
183.14	170.41	0.00063	170.41	183.14	0.00065
169.00	184.55	0.00065	167.58	185.97	0.00065
166.17	187.38	0.00065	164.76	188.80	0.00065
162.63	190.92	0.00065	159.10	194.45	0.00065
155.56	197.99	0.00065	148.49	205.06	0.00064
141.42	212.13	0.00064	134.35	219.20	0.00064
127.28	226.27	0.00064	120.21	233.35	0.00064
113.14	240.42	0.00064	106.07	247.49	0.00064
240.42	98.99	0.00039	233.35	106.07	0.00042
226.27	113.14	0.00044	219.20	120.21	0.00047
212.13	127.28	0.00050	205.06	134.35	0.00053
197.99	141.42	0.00058	190.92	148.49	0.00063
187.38	152.03	0.00065	183.85	155.56	0.00068
181.73	157.68	0.00069	180.31	159.10	0.00070
178.90	160.51	0.00070	177.48	161.93	0.00071
176.07	163.34	0.00071	163.34	176.07	0.00074
161.93	177.48	0.00074	160.51	178.90	0.00074
159.10	180.31	0.00074	157.68	181.73	0.00074
155.56	183.85	0.00073	152.03	187.38	0.00073

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00073	141.42	197.99	0.00073
134.35	205.06	0.00073	127.28	212.13	0.00073
120.21	219.20	0.00073	113.14	226.27	0.00073
106.07	233.35	0.00072	98.99	240.42	0.00071
233.35	91.92	0.00043	226.27	98.99	0.00046
219.20	106.07	0.00049	212.13	113.14	0.00052
205.06	120.21	0.00055	197.99	127.28	0.00059
190.92	134.35	0.00064	183.85	141.42	0.00070
180.31	144.96	0.00073	176.78	148.49	0.00076
174.66	150.61	0.00078	173.24	152.03	0.00079
171.83	153.44	0.00080	170.41	154.86	0.00080
169.00	156.27	0.00081	156.27	169.00	0.00084
154.86	170.41	0.00084	153.44	171.83	0.00084
152.03	173.24	0.00084	150.61	174.66	0.00084

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

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

20:31:55

**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	0.00084	144.96	180.31	0.00084
141.42	183.85	0.00084	134.35	190.92	0.00083
127.28	197.99	0.00083	120.21	205.06	0.00083
113.14	212.13	0.00083	106.07	219.20	0.00083
99.00	226.27	0.00082	91.92	233.35	0.00081
226.27	84.85	0.00046	219.20	91.92	0.00050
212.13	98.99	0.00054	205.06	106.07	0.00057
197.99	113.14	0.00061	190.92	120.21	0.00066
183.85	127.28	0.00071	176.78	134.35	0.00079
173.24	137.89	0.00083	169.71	141.42	0.00087
167.58	143.54	0.00089	166.17	144.96	0.00090
164.76	146.37	0.00091	163.34	147.79	0.00092
161.93	149.20	0.00093	149.20	161.93	0.00097
147.79	163.34	0.00097	146.37	164.76	0.00097
144.96	166.17	0.00097	143.54	167.58	0.00097
141.42	169.71	0.00097	137.89	173.24	0.00096
134.35	176.78	0.00096	127.28	183.85	0.00096
120.21	190.92	0.00096	113.14	197.99	0.00096
106.07	205.06	0.00096	99.00	212.13	0.00095
91.92	219.20	0.00094	84.85	226.27	0.00091

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00050	212.13	84.85	0.00054
205.06	91.92	0.00059	197.99	98.99	0.00064
190.92	106.07	0.00069	183.85	113.14	0.00074
176.78	120.21	0.00080	169.71	127.28	0.00089
166.17	130.81	0.00094	162.63	134.35	0.00099
160.51	136.47	0.00102	159.10	137.89	0.00103
157.68	139.30	0.00105	156.27	140.71	0.00106
154.86	142.13	0.00108	142.13	154.86	0.00113
140.71	156.27	0.00113	139.30	157.68	0.00113
137.89	159.10	0.00113	136.47	160.51	0.00113
134.35	162.63	0.00113	130.81	166.17	0.00112
127.28	169.71	0.00112	120.21	176.78	0.00112
113.14	183.85	0.00113	106.07	190.92	0.00113
99.00	197.99	0.00112	91.92	205.06	0.00110
84.85	212.13	0.00107	77.78	219.20	0.00104
212.13	70.71	0.00054	205.06	77.78	0.00059
197.99	84.85	0.00064	190.92	91.92	0.00070
183.85	98.99	0.00077	176.78	106.07	0.00084
169.71	113.14	0.00091	162.63	120.21	0.00101
159.10	123.74	0.00107	155.56	127.28	0.00114

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

20:31:55
 **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	0.00117	152.03	130.81	0.00120
150.61	132.23	0.00122	149.20	133.64	0.00124
147.79	135.06	0.00126	135.06	147.79	0.00133
133.64	149.20	0.00133	132.23	150.61	0.00133
130.81	152.03	0.00133	129.40	153.44	0.00133
127.28	155.56	0.00133	123.74	159.10	0.00133
120.21	162.63	0.00133	113.14	169.71	0.00133
106.07	176.78	0.00134	98.99	183.85	0.00133
91.92	190.92	0.00131	84.85	197.99	0.00128
77.78	205.06	0.00123	70.71	212.13	0.00117
205.06	63.64	0.00060	197.99	70.71	0.00065
190.92	77.78	0.00071	183.85	84.85	0.00078
176.78	91.92	0.00086	169.71	98.99	0.00095
162.63	106.07	0.00104	155.56	113.14	0.00116

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00123	148.49	120.21	0.00131
146.37	122.33	0.00137	144.96	123.74	0.00140
143.54	125.16	0.00143	142.13	126.57	0.00146
140.71	127.99	0.00149	127.99	140.71	0.00159
126.57	142.13	0.00159	125.16	143.54	0.00159
123.74	144.96	0.00159	122.33	146.37	0.00159
120.21	148.49	0.00159	116.67	152.03	0.00159
113.14	155.56	0.00160	106.07	162.63	0.00161
98.99	169.71	0.00161	91.92	176.78	0.00159
84.85	183.85	0.00155	77.78	190.92	0.00148
70.71	197.99	0.00140	63.64	205.06	0.00131
197.99	56.57	0.00067	190.92	63.64	0.00073
183.85	70.71	0.00080	176.78	77.78	0.00087
169.71	84.85	0.00097	162.63	91.92	0.00108
155.56	98.99	0.00120	148.49	106.07	0.00134
144.96	109.60	0.00143	141.42	113.14	0.00153
139.30	115.26	0.00160	137.89	116.67	0.00165
136.47	118.09	0.00170	135.06	119.50	0.00174
133.64	120.92	0.00178	120.92	133.64	0.00194
119.50	135.06	0.00194	118.09	136.47	0.00194
116.67	137.89	0.00194	115.26	139.30	0.00194
113.14	141.42	0.00194	109.60	144.96	0.00195
106.07	148.49	0.00196	98.99	155.56	0.00198
91.92	162.63	0.00196	84.85	169.71	0.00191
77.78	176.78	0.00182	70.71	183.85	0.00171
63.64	190.92	0.00159	56.57	197.99	0.00146

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

20:31:55
 **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	0.00074	183.85	56.57	0.00082
176.78	63.64	0.00090	169.71	70.71	0.00099
162.63	77.78	0.00110	155.56	84.85	0.00122
148.49	91.92	0.00138	141.42	98.99	0.00157
137.89	102.53	0.00168	134.35	106.07	0.00180
132.23	108.19	0.00189	130.81	109.60	0.00195
129.40	111.02	0.00202	127.99	112.43	0.00209
126.57	113.84	0.00215	113.84	126.57	0.00241

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00241	111.02	129.40	0.00242
109.60	130.81	0.00242	108.19	132.23	0.00243
106.07	134.35	0.00244	102.53	137.89	0.00246
98.99	141.42	0.00248	91.92	148.49	0.00249
84.85	155.56	0.00242	77.78	162.63	0.00228
70.71	169.71	0.00212	63.64	176.78	0.00194
56.57	183.85	0.00177	49.50	190.92	0.00160
183.85	42.43	0.00082	176.78	49.50	0.00091
169.71	56.57	0.00102	162.63	63.64	0.00114
155.56	70.71	0.00127	148.49	77.78	0.00142
141.42	84.85	0.00159	134.35	91.92	0.00182
130.81	95.46	0.00197	127.28	98.99	0.00214
125.16	101.12	0.00225	123.74	102.53	0.00234
122.33	103.94	0.00243	120.92	105.36	0.00252
119.50	106.77	0.00263	106.77	119.50	0.00309
105.36	120.92	0.00310	103.94	122.33	0.00311
102.53	123.74	0.00313	101.12	125.16	0.00315
98.99	127.28	0.00318	95.46	130.81	0.00322
91.92	134.35	0.00323	84.85	141.42	0.00314
77.78	148.49	0.00294	70.71	155.56	0.00268
63.64	162.63	0.00242	56.57	169.71	0.00217
49.50	176.78	0.00193	42.43	183.85	0.00172
176.78	35.36	0.00091	169.71	42.43	0.00101
162.63	49.50	0.00114	155.56	56.57	0.00129
148.49	63.64	0.00146	141.42	70.71	0.00166
134.35	77.78	0.00188	127.28	84.85	0.00215
123.74	88.39	0.00232	120.21	91.92	0.00253
118.09	94.05	0.00269	116.67	95.46	0.00281
115.26	96.87	0.00294	113.84	98.29	0.00308
112.43	99.70	0.00323	99.70	112.43	0.00415
98.29	113.84	0.00420	96.87	115.26	0.00424
95.46	116.67	0.00428	94.05	118.09	0.00431

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

20:31:55
 **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	0.00433	88.39	123.74	0.00430
84.85	127.28	0.00420	77.78	134.35	0.00386

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00346	63.64	148.49	0.00306
56.57	155.56	0.00269	49.50	162.63	0.00236
42.43	169.71	0.00207	35.36	176.78	0.00181
169.71	28.28	0.00101	162.63	35.36	0.00114
155.56	42.43	0.00129	148.49	49.50	0.00147
141.42	56.57	0.00169	134.35	63.64	0.00194
127.28	70.71	0.00223	120.21	77.78	0.00258
116.67	81.32	0.00280	113.14	84.85	0.00307
111.02	86.97	0.00326	109.60	88.39	0.00341
108.19	89.80	0.00359	106.77	91.22	0.00379
105.36	92.63	0.00403	92.63	105.36	0.00611
91.22	106.77	0.00610	89.80	108.19	0.00605
88.39	109.60	0.00598	86.97	111.02	0.00589
84.85	113.14	0.00574	81.32	116.67	0.00545
77.78	120.21	0.00514	70.71	127.28	0.00449
63.64	134.35	0.00389	56.57	141.42	0.00335
49.50	148.49	0.00288	42.43	155.56	0.00249
35.36	162.63	0.00215	28.28	169.71	0.00186
162.63	21.21	0.00112	155.56	28.28	0.00126
148.49	35.36	0.00144	141.42	42.43	0.00166
134.35	49.50	0.00193	127.28	56.57	0.00226
120.21	63.64	0.00264	113.14	70.71	0.00312
109.60	74.25	0.00341	106.07	77.78	0.00378
103.94	79.90	0.00405	102.53	81.32	0.00426
101.12	82.73	0.00451	99.70	84.15	0.00483
98.29	85.56	0.00522	85.56	98.29	0.00754
84.15	99.70	0.00729	82.73	101.12	0.00707
81.32	102.53	0.00688	79.90	103.94	0.00671
77.78	106.07	0.00645	74.25	109.60	0.00603
70.71	113.14	0.00561	63.64	120.21	0.00482
56.57	127.28	0.00410	49.50	134.35	0.00348
42.43	141.42	0.00296	35.36	148.49	0.00252
28.28	155.56	0.00215	21.21	162.63	0.00185
155.56	14.14	0.00120	148.49	21.21	0.00137
141.42	28.28	0.00157	134.35	35.36	0.00182
127.28	42.43	0.00213	120.21	49.50	0.00250
113.14	56.57	0.00294	106.07	63.64	0.00347
102.53	67.18	0.00378	98.99	70.71	0.00416

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

20:31:55
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

18NCRA_SR03-300_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	0.00443	95.46	74.25	0.00463
94.05	75.66	0.00486	92.63	77.07	0.00514
91.22	78.49	0.00550	78.49	91.22	0.00753
77.07	92.63	0.00728	75.66	94.05	0.00708
74.25	95.46	0.00690	72.83	96.87	0.00673
70.71	98.99	0.00648	67.18	102.53	0.00605
63.64	106.07	0.00563	56.57	113.14	0.00482
49.50	120.21	0.00408	42.43	127.28	0.00344
35.36	134.35	0.00290	28.28	141.42	0.00245
21.21	148.49	0.00207	14.14	155.56	0.00177
148.49	7.07	0.00126	141.42	14.14	0.00144
134.35	21.21	0.00166	127.28	28.28	0.00192
120.21	35.36	0.00224	113.14	42.43	0.00263
106.07	49.50	0.00309	98.99	56.57	0.00362
95.46	60.10	0.00391	91.92	63.64	0.00425
89.80	65.76	0.00449	88.39	67.18	0.00468
86.97	68.59	0.00489	85.56	70.00	0.00514
84.15	71.42	0.00546	71.42	84.15	0.00740
70.00	85.56	0.00715	68.59	86.97	0.00694
67.18	88.39	0.00676	65.76	89.80	0.00658
63.64	91.92	0.00633	60.10	95.46	0.00592
56.57	98.99	0.00550	49.50	106.07	0.00468
42.43	113.14	0.00393	35.36	120.21	0.00329
28.28	127.28	0.00274	21.21	134.35	0.00230
14.14	141.42	0.00193	7.07	148.49	0.00164
141.42	0.00	0.00128	134.35	7.07	0.00148
127.28	14.14	0.00170	120.21	21.21	0.00198
113.14	28.28	0.00230	106.07	35.36	0.00268
98.99	42.43	0.00312	91.92	49.50	0.00362
88.39	53.03	0.00389	84.85	56.57	0.00420
82.73	58.69	0.00441	81.32	60.10	0.00457
79.90	61.52	0.00477	78.49	62.93	0.00500
77.07	64.35	0.00530	64.35	77.07	0.00716
62.93	78.49	0.00691	61.52	79.90	0.00670
60.10	81.32	0.00651	58.69	82.73	0.00634
56.57	84.85	0.00608	53.03	88.39	0.00567
49.50	91.92	0.00525	42.43	98.99	0.00443
35.36	106.07	0.00368	28.28	113.14	0.00304
21.21	120.21	0.00251	14.14	127.28	0.00209
7.07	134.35	0.00175	0.00	141.42	0.00148

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

*** NCRA Cumulative DPM Impacts

20:31:55

**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	0.00128	127.28	0.00	0.00147
120.21	7.07	0.00170	113.14	14.14	0.00197
106.07	21.21	0.00229	98.99	28.28	0.00265
91.92	35.36	0.00305	84.85	42.43	0.00351
81.32	45.96	0.00376	77.78	49.50	0.00403
75.66	51.62	0.00422	74.25	53.03	0.00436
72.83	54.45	0.00453	71.42	55.86	0.00474
70.00	57.28	0.00502	57.28	70.00	0.00681
55.86	71.42	0.00656	54.45	72.83	0.00635
53.03	74.25	0.00616	51.62	75.66	0.00598
49.50	77.78	0.00572	45.96	81.32	0.00529
42.43	84.85	0.00486	35.36	91.92	0.00404
28.28	98.99	0.00330	21.21	106.07	0.00270
14.14	113.14	0.00221	7.07	120.21	0.00184
0.00	127.28	0.00154	-7.07	134.35	0.00130
127.28	-14.14	0.00125	120.21	-7.07	0.00143
113.14	0.00	0.00165	106.07	7.07	0.00190
98.99	14.14	0.00221	91.92	21.21	0.00255
84.85	28.28	0.00292	77.78	35.36	0.00332
74.25	38.89	0.00354	70.71	42.43	0.00377
68.59	44.55	0.00393	67.18	45.96	0.00405
65.76	47.38	0.00420	64.35	48.79	0.00438
62.93	50.20	0.00462	50.20	62.93	0.00630
48.79	64.35	0.00605	47.38	65.76	0.00584
45.96	67.18	0.00565	44.55	68.59	0.00547
42.43	70.71	0.00520	38.89	74.25	0.00475
35.36	77.78	0.00430	28.28	84.85	0.00348
21.21	91.92	0.00281	14.14	98.99	0.00228
7.07	106.07	0.00187	0.00	113.14	0.00155
-7.07	120.21	0.00130	-14.14	127.28	0.00111
120.21	-21.21	0.00119	113.14	-14.14	0.00136
106.07	-7.07	0.00155	98.99	0.00	0.00179
91.92	7.07	0.00206	84.85	14.14	0.00237
77.78	21.21	0.00272	70.71	28.28	0.00306

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00322	63.64	35.36	0.00341
61.52	37.48	0.00354	60.10	38.89	0.00363
58.69	40.31	0.00375	57.28	41.72	0.00390
55.86	43.13	0.00410	43.13	55.86	0.00556
41.72	57.28	0.00530	40.31	58.69	0.00508
38.89	60.10	0.00488	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 ***

20:31:55

**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	0.00393
28.28	70.71	0.00349	21.21	77.78	0.00276
14.14	84.85	0.00222	7.07	91.92	0.00181
0.00	98.99	0.00149	-7.07	106.07	0.00125
-14.14	113.14	0.00106	-21.21	120.21	0.00091
113.14	-28.28	0.00111	106.07	-21.21	0.00126
98.99	-14.14	0.00143	91.92	-7.07	0.00163
84.85	0.00	0.00186	77.78	7.07	0.00212
70.71	14.14	0.00240	63.64	21.21	0.00269
60.10	24.75	0.00283	56.57	28.28	0.00296
54.45	30.41	0.00304	53.03	31.82	0.00310
51.62	33.23	0.00317	50.20	34.65	0.00327
48.79	36.06	0.00342	36.06	48.79	0.00441
34.65	50.20	0.00412	33.23	51.62	0.00387
31.82	53.03	0.00365	30.41	54.45	0.00344
28.28	56.57	0.00316	24.75	60.10	0.00276
21.21	63.64	0.00244	14.14	70.71	0.00195
7.07	77.78	0.00159	0.00	84.85	0.00133
-7.07	91.92	0.00113	-14.14	98.99	0.00097
-21.21	106.07	0.00083	-28.28	113.14	0.00073
106.07	-35.36	0.00100	98.99	-28.28	0.00112
91.92	-21.21	0.00126	84.85	-14.14	0.00142
77.78	-7.07	0.00161	70.71	0.00	0.00180
63.64	7.07	0.00201	56.57	14.14	0.00219
53.03	17.68	0.00226	49.50	21.21	0.00233
47.38	23.33	0.00236	45.96	24.75	0.00239
44.55	26.16	0.00242	43.13	27.58	0.00247
41.72	28.99	0.00254	28.99	41.72	0.00234

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00210	26.16	44.55	0.00194
24.75	45.96	0.00182	23.33	47.38	0.00173
21.21	49.50	0.00163	17.68	53.03	0.00149
14.14	56.57	0.00138	7.07	63.64	0.00119
0.00	70.71	0.00104	-7.07	77.78	0.00091
-14.14	84.85	0.00080	-21.21	91.92	0.00071
-28.28	98.99	0.00063	-35.36	106.07	0.00056
98.99	-42.43	0.00088	91.92	-35.36	0.00097
84.85	-28.28	0.00107	77.78	-21.21	0.00119
70.71	-14.14	0.00131	63.64	-7.07	0.00142
56.57	0.00	0.00152	49.50	7.07	0.00156
45.96	10.61	0.00155	42.43	14.14	0.00150

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

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

20:31:55

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00145	38.89	17.68	0.00141
37.48	19.09	0.00136	36.06	20.51	0.00130
34.65	21.92	0.00122	21.92	34.65	0.00076
20.51	36.06	0.00076	19.09	37.48	0.00076
17.68	38.89	0.00076	16.26	40.31	0.00076
14.14	42.43	0.00076	10.61	45.96	0.00076
7.07	49.50	0.00075	0.00	56.57	0.00072
-7.07	63.64	0.00067	-14.14	70.71	0.00062
-21.21	77.78	0.00057	-28.28	84.85	0.00052
-35.36	91.92	0.00048	-42.43	98.99	0.00044
91.92	-49.50	0.00076	84.85	-42.43	0.00082
77.78	-35.36	0.00089	70.71	-28.28	0.00097
63.64	-21.21	0.00104	56.57	-14.14	0.00109
49.50	-7.07	0.00112	42.43	0.00	0.00109
38.89	3.54	0.00104	35.36	7.07	0.00097
33.23	9.19	0.00092	31.82	10.61	0.00088
30.41	12.02	0.00084	28.99	13.44	0.00080
27.58	14.85	0.00076	14.85	27.58	0.00056
13.44	28.99	0.00056	12.02	30.41	0.00056
10.61	31.82	0.00055	9.19	33.23	0.00055
7.07	35.36	0.00055	3.54	38.89	0.00054
0.00	42.43	0.00053	-7.07	49.50	0.00051

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00049	-21.21	63.64	0.00046
-28.28	70.71	0.00043	-35.36	77.78	0.00040
-42.43	84.85	0.00038	-49.50	91.92	0.00035
84.85	-56.57	0.00065	77.78	-49.50	0.00070
70.71	-42.43	0.00074	63.64	-35.36	0.00079
56.57	-28.28	0.00083	49.50	-21.21	0.00084
42.43	-14.14	0.00083	35.36	-7.07	0.00079
31.82	-3.54	0.00075	28.28	0.00	0.00069
26.16	2.12	0.00066	24.75	3.54	0.00063
23.33	4.95	0.00060	21.92	6.36	0.00058
20.51	7.78	0.00055	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	0.00044	-3.54	31.82	0.00043
-7.07	35.36	0.00042	-14.14	42.43	0.00040
-21.21	49.50	0.00038	-28.28	56.57	0.00036
-35.36	63.64	0.00034	-42.43	70.71	0.00033
-49.50	77.78	0.00031	-56.57	84.85	0.00029

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

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

20:31:55

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00056	70.71	-56.57	0.00059
63.64	-49.50	0.00062	56.57	-42.43	0.00064
49.50	-35.36	0.00066	42.43	-28.28	0.00066
35.36	-21.21	0.00064	28.28	-14.14	0.00059
24.75	-10.61	0.00056	21.21	-7.07	0.00052
19.09	-4.95	0.00049	17.68	-3.54	0.00048
16.26	-2.12	0.00046	14.85	-0.71	0.00045
13.44	0.71	0.00043	0.71	13.44	0.00037
-0.71	14.85	0.00037	-2.12	16.26	0.00037
-3.54	17.68	0.00037	-4.95	19.09	0.00037
-7.07	21.21	0.00037	-10.61	24.75	0.00036
-14.14	28.28	0.00035	-21.21	35.36	0.00033
-28.28	42.43	0.00031	-35.36	49.50	0.00029
-42.43	56.57	0.00028	-49.50	63.64	0.00026
-56.57	70.71	0.00025	-63.64	77.78	0.00024
70.71	-70.71	0.00048	63.64	-63.64	0.00050

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00051	49.50	-49.50	0.00052
42.43	-42.43	0.00053	35.36	-35.36	0.00052
28.28	-28.28	0.00050	21.21	-21.21	0.00046
17.68	-17.68	0.00043	14.14	-14.14	0.00040
12.02	-12.02	0.00039	10.61	-10.61	0.00038
9.19	-9.19	0.00037	7.78	-7.78	0.00036
6.36	-6.36	0.00035	-6.36	6.36	0.00031
-7.78	7.78	0.00030	-9.19	9.19	0.00030
-10.61	10.61	0.00030	-12.02	12.02	0.00031
-14.14	14.14	0.00031	-17.68	17.68	0.00030
-21.21	21.21	0.00030	-28.28	28.28	0.00027
-35.36	35.36	0.00026	-42.43	42.43	0.00024
-49.50	49.50	0.00023	-56.57	56.57	0.00022
-63.64	63.64	0.00021	-70.71	70.71	0.00020
63.64	-77.78	0.00041	56.57	-70.71	0.00042
49.50	-63.64	0.00043	42.43	-56.57	0.00043
35.36	-49.50	0.00043	28.28	-42.43	0.00042
21.21	-35.36	0.00040	14.14	-28.28	0.00036
10.61	-24.75	0.00034	7.07	-21.21	0.00032
4.95	-19.09	0.00031	3.54	-17.68	0.00030
2.12	-16.26	0.00030	0.71	-14.85	0.00029
-0.71	-13.44	0.00029	-13.44	-0.71	0.00026
-14.85	0.71	0.00026	-16.26	2.12	0.00025
-17.68	3.54	0.00025	-19.09	4.95	0.00026

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

20:31:55
 **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	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00024
-42.43	28.28	0.00022	-49.50	35.36	0.00021
-56.57	42.43	0.00020	-63.64	49.50	0.00019
-70.71	56.57	0.00018	-77.78	63.64	0.00017
56.57	-84.85	0.00035	49.50	-77.78	0.00036
42.43	-70.71	0.00036	35.36	-63.64	0.00036
28.28	-56.57	0.00036	21.21	-49.50	0.00035
14.14	-42.43	0.00032	7.07	-35.36	0.00030
3.54	-31.82	0.00028	0.00	-28.28	0.00026

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-2.12	-26.16	0.00026	-3.54	-24.75	0.00025
-4.95	-23.33	0.00025	-6.36	-21.92	0.00025
-7.78	-20.51	0.00024	-20.51	-7.78	0.00022
-21.92	-6.36	0.00022	-23.33	-4.95	0.00022
-24.75	-3.54	0.00022	-26.16	-2.12	0.00022
-28.28	0.00	0.00022	-31.82	3.54	0.00022
-35.36	7.07	0.00022	-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	0.00016
-77.78	49.50	0.00016	-84.85	56.57	0.00015
49.50	-91.92	0.00030	42.43	-84.85	0.00031
35.36	-77.78	0.00031	28.28	-70.71	0.00031
21.21	-63.64	0.00030	14.14	-56.57	0.00029
7.07	-49.50	0.00027	0.00	-42.43	0.00024
-3.54	-38.89	0.00023	-7.07	-35.36	0.00022
-9.19	-33.23	0.00022	-10.61	-31.82	0.00021
-12.02	-30.41	0.00021	-13.44	-28.99	0.00021
-14.85	-27.58	0.00021	-27.58	-14.85	0.00019
-28.99	-13.44	0.00019	-30.41	-12.02	0.00019
-31.82	-10.61	0.00019	-33.23	-9.19	0.00019
-35.36	-7.07	0.00019	-38.89	-3.54	0.00019
-42.43	0.00	0.00019	-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	0.00013
42.43	-98.99	0.00026	35.36	-91.92	0.00027
28.28	-84.85	0.00027	21.21	-77.78	0.00026
14.14	-70.71	0.00025	7.07	-63.64	0.00024
0.00	-56.57	0.00022	-7.07	-49.50	0.00020
-10.61	-45.96	0.00020	-14.14	-42.43	0.00019

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

20:31:55
 **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	0.00019	-17.68	-38.89	0.00018
-19.09	-37.48	0.00018	-20.51	-36.06	0.00018
-21.92	-34.65	0.00018	-34.65	-21.92	0.00016
-36.06	-20.51	0.00016	-37.48	-19.09	0.00016

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-38.89	-17.68	0.00016	-40.31	-16.26	0.00016
-42.43	-14.14	0.00016	-45.96	-10.61	0.00016
-49.50	-7.07	0.00016	-56.57	0.00	0.00016
-63.64	7.07	0.00016	-70.71	14.14	0.00015
-77.78	21.21	0.00013	-84.85	28.28	0.00013
-91.92	35.36	0.00012	-98.99	42.43	0.00011
35.36	-106.07	0.00023	28.28	-98.99	0.00023
21.21	-91.92	0.00023	14.14	-84.85	0.00022
7.07	-77.78	0.00022	0.00	-70.71	0.00020
-7.07	-63.64	0.00019	-14.14	-56.57	0.00017
-17.68	-53.03	0.00017	-21.21	-49.50	0.00016
-23.33	-47.38	0.00016	-24.75	-45.96	0.00016
-26.16	-44.55	0.00016	-27.58	-43.13	0.00016
-28.99	-41.72	0.00016	-41.72	-28.99	0.00014
-43.13	-27.58	0.00014	-44.55	-26.16	0.00014
-45.96	-24.75	0.00014	-47.38	-23.33	0.00014
-49.50	-21.21	0.00014	-53.03	-17.68	0.00014
-56.57	-14.14	0.00014	-63.64	-7.07	0.00014
-70.71	0.00	0.00014	-77.78	7.07	0.00013
-84.85	14.14	0.00012	-91.92	21.21	0.00011
-98.99	28.28	0.00011	-106.07	35.36	0.00010
28.28	-113.14	0.00020	21.21	-106.07	0.00020
14.14	-98.99	0.00020	7.07	-91.92	0.00019
0.00	-84.85	0.00019	-7.07	-77.78	0.00017
-14.14	-70.71	0.00016	-21.21	-63.64	0.00015
-24.75	-60.10	0.00015	-28.28	-56.57	0.00014
-30.41	-54.45	0.00014	-31.82	-53.03	0.00014
-33.23	-51.62	0.00014	-34.65	-50.20	0.00014
-36.06	-48.79	0.00014	-48.79	-36.06	0.00013
-50.20	-34.65	0.00013	-51.62	-33.23	0.00013
-53.03	-31.82	0.00012	-54.45	-30.41	0.00012
-56.57	-28.28	0.00012	-60.10	-24.75	0.00012
-63.64	-21.21	0.00012	-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	0.00010
-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 ***

20:31:55
 **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 ***

18NCRA_SR03-300_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	0.00018	14.14	-113.14	0.00018
7.07	-106.07	0.00017	0.00	-98.99	0.00017
-7.07	-91.92	0.00016	-14.14	-84.85	0.00015
-21.21	-77.78	0.00014	-28.28	-70.71	0.00013
-31.82	-67.18	0.00013	-35.36	-63.64	0.00013
-37.48	-61.52	0.00012	-38.89	-60.10	0.00012
-40.31	-58.69	0.00012	-41.72	-57.28	0.00012
-43.13	-55.86	0.00012	-55.86	-43.13	0.00011
-57.28	-41.72	0.00011	-58.69	-40.31	0.00011
-60.10	-38.89	0.00011	-61.52	-37.48	0.00011
-63.64	-35.36	0.00011	-67.18	-31.82	0.00011
-70.71	-28.28	0.00011	-77.78	-21.21	0.00011
-84.85	-14.14	0.00011	-91.92	-7.07	0.00011
-98.99	0.00	0.00010	-106.07	7.07	0.00010
-113.14	14.14	0.00009	-120.21	21.21	0.00008
14.14	-127.28	0.00016	7.07	-120.21	0.00016
0.00	-113.14	0.00015	-7.07	-106.07	0.00015
-14.14	-98.99	0.00014	-21.21	-91.92	0.00013
-28.28	-84.85	0.00012	-35.36	-77.78	0.00012
-38.89	-74.25	0.00011	-42.43	-70.71	0.00011
-44.55	-68.59	0.00011	-45.96	-67.18	0.00011
-47.38	-65.76	0.00011	-48.79	-64.35	0.00011
-50.20	-62.93	0.00011	-62.93	-50.20	0.00010
-64.35	-48.79	0.00010	-65.76	-47.38	0.00010
-67.18	-45.96	0.00010	-68.59	-44.55	0.00010
-70.71	-42.43	0.00010	-74.25	-38.89	0.00010
-77.78	-35.36	0.00010	-84.85	-28.28	0.00010
-91.92	-21.21	0.00010	-98.99	-14.14	0.00010
-106.07	-7.07	0.00009	-113.14	0.00	0.00009
-120.21	7.07	0.00008	-127.28	14.14	0.00008
7.07	-134.35	0.00014	0.00	-127.28	0.00014
-7.07	-120.21	0.00013	-14.14	-113.14	0.00013
-21.21	-106.07	0.00012	-28.28	-98.99	0.00012
-35.36	-91.92	0.00011	-42.43	-84.85	0.00010
-45.96	-81.32	0.00010	-49.50	-77.78	0.00010
-51.62	-75.66	0.00010	-53.03	-74.25	0.00010
-54.45	-72.83	0.00010	-55.86	-71.42	0.00010
-57.28	-70.00	0.00010	-70.00	-57.28	0.00009
-71.42	-55.86	0.00009	-72.83	-54.45	0.00009
-74.25	-53.03	0.00009	-75.66	-51.62	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	
-77.78	-49.50	0.00009	-81.32	-45.96	0.00009	
-84.85	-42.43	0.00009	-91.92	-35.36	0.00009	
-98.99	-28.28	0.00009	-106.07	-21.21	0.00009	
-113.14	-14.14	0.00009	-120.21	-7.07	0.00008	
-127.28	0.00	0.00008	-134.35	7.07	0.00007	
0.00	-141.42	0.00013	-7.07	-134.35	0.00012	
-14.14	-127.28	0.00012	-21.21	-120.21	0.00011	
-28.28	-113.14	0.00011	-35.36	-106.07	0.00010	
-42.43	-98.99	0.00010	-49.50	-91.92	0.00009	
-53.03	-88.39	0.00009	-56.57	-84.85	0.00009	
-58.69	-82.73	0.00009	-60.10	-81.32	0.00009	
-61.52	-79.90	0.00009	-62.93	-78.49	0.00009	
-64.35	-77.07	0.00009	-77.07	-64.35	0.00008	
-78.49	-62.93	0.00008	-79.90	-61.52	0.00008	
-81.32	-60.10	0.00008	-82.73	-58.69	0.00008	
-84.85	-56.57	0.00008	-88.39	-53.03	0.00008	
-91.92	-49.50	0.00008	-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	0.00008	
-134.35	-7.07	0.00007	-141.42	0.00	0.00007	
-7.07	-148.49	0.00011	-14.14	-141.42	0.00011	
-21.21	-134.35	0.00011	-28.28	-127.28	0.00010	
-35.36	-120.21	0.00010	-42.43	-113.14	0.00009	
-49.50	-106.07	0.00009	-56.57	-98.99	0.00008	
-60.10	-95.46	0.00008	-63.64	-91.92	0.00008	
-65.76	-89.80	0.00008	-67.18	-88.39	0.00008	
-68.59	-86.97	0.00008	-70.00	-85.56	0.00008	
-71.42	-84.15	0.00008	-84.15	-71.42	0.00008	
-85.56	-70.00	0.00008	-86.97	-68.59	0.00007	
-88.39	-67.18	0.00007	-89.80	-65.76	0.00007	
-91.92	-63.64	0.00007	-95.46	-60.10	0.00007	
-98.99	-56.57	0.00007	-106.07	-49.50	0.00007	
-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	0.00006	
-14.14	-155.56	0.00010	-21.21	-148.49	0.00010	

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	-141.42	0.00010	-35.36	-134.35	0.00009
-42.43	-127.28	0.00009	-49.50	-120.21	0.00008
-56.57	-113.14	0.00008	-63.64	-106.07	0.00008
-67.18	-102.53	0.00008	-70.71	-98.99	0.00007

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	0.00007	-74.25	-95.46	0.00007
-75.66	-94.05	0.00007	-77.07	-92.63	0.00007
-78.49	-91.22	0.00007	-91.22	-78.49	0.00007
-92.63	-77.07	0.00007	-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	0.00007
-134.35	-35.36	0.00007	-141.42	-28.28	0.00007
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00009	-28.28	-155.56	0.00009
-35.36	-148.49	0.00009	-42.43	-141.42	0.00008
-49.50	-134.35	0.00008	-56.57	-127.28	0.00007
-63.64	-120.21	0.00007	-70.71	-113.14	0.00007
-74.25	-109.60	0.00007	-77.78	-106.07	0.00007
-79.90	-103.94	0.00007	-81.32	-102.53	0.00007
-82.73	-101.12	0.00007	-84.15	-99.70	0.00007
-85.56	-98.29	0.00007	-98.29	-85.56	0.00006
-99.70	-84.15	0.00006	-101.12	-82.73	0.00006
-102.53	-81.32	0.00006	-103.94	-79.90	0.00006
-106.07	-77.78	0.00006	-109.60	-74.25	0.00006
-113.14	-70.71	0.00006	-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	0.00008	-35.36	-162.63	0.00008
-42.43	-155.56	0.00008	-49.50	-148.49	0.00007
-56.57	-141.42	0.00007	-63.64	-134.35	0.00007
-70.71	-127.28	0.00007	-77.78	-120.21	0.00006
-81.32	-116.67	0.00006	-84.85	-113.14	0.00006

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-86.97	-111.02	0.00006	-88.39	-109.60	0.00006
-89.80	-108.19	0.00006	-91.22	-106.77	0.00006
-92.63	-105.36	0.00006	-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	0.00006	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	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
-35.36	-176.78	0.00008	-42.43	-169.71	0.00007
-49.50	-162.63	0.00007	-56.57	-155.56	0.00007
-63.64	-148.49	0.00006	-70.71	-141.42	0.00006
-77.78	-134.35	0.00006	-84.85	-127.28	0.00006
-88.39	-123.74	0.00006	-91.92	-120.21	0.00006
-94.05	-118.09	0.00006	-95.46	-116.67	0.00006
-96.87	-115.26	0.00006	-98.29	-113.84	0.00006
-99.70	-112.43	0.00006	-112.43	-99.70	0.00005
-113.84	-98.29	0.00005	-115.26	-96.87	0.00005
-116.67	-95.46	0.00005	-118.09	-94.05	0.00005
-120.21	-91.92	0.00005	-123.74	-88.39	0.00005
-127.28	-84.85	0.00005	-134.35	-77.78	0.00005
-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	0.00007	-49.50	-176.78	0.00007
-56.57	-169.71	0.00007	-63.64	-162.63	0.00006
-70.71	-155.56	0.00006	-77.78	-148.49	0.00006
-84.85	-141.42	0.00006	-91.92	-134.35	0.00005
-95.46	-130.81	0.00005	-98.99	-127.28	0.00005
-101.12	-125.16	0.00005	-102.53	-123.74	0.00005
-103.94	-122.33	0.00005	-105.36	-120.92	0.00005
-106.77	-119.50	0.00005	-119.50	-106.77	0.00005
-120.92	-105.36	0.00005	-122.33	-103.94	0.00005

18NCRA_SR03-300_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	0.00005	-183.85	-42.43	0.00005
-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	0.00005	-84.85	-155.56	0.00005
-91.92	-148.49	0.00005	-98.99	-141.42	0.00005
-102.53	-137.89	0.00005	-106.07	-134.35	0.00005
-108.19	-132.23	0.00005	-109.60	-130.81	0.00005
-111.02	-129.40	0.00005	-112.43	-127.99	0.00005
-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	0.00004	-148.49	-91.92	0.00004
-155.56	-84.85	0.00004	-162.63	-77.78	0.00004
-169.71	-70.71	0.00005	-176.78	-63.64	0.00005
-183.85	-56.57	0.00005	-190.92	-49.50	0.00004
-56.57	-197.99	0.00006	-63.64	-190.92	0.00006
-70.71	-183.85	0.00005	-77.78	-176.78	0.00005
-84.85	-169.71	0.00005	-91.92	-162.63	0.00005
-98.99	-155.56	0.00005	-106.07	-148.49	0.00005
-109.60	-144.96	0.00005	-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	0.00004
-135.06	-119.50	0.00004	-136.47	-118.09	0.00004
-137.89	-116.67	0.00004	-139.30	-115.26	0.00004
-141.42	-113.14	0.00004	-144.96	-109.60	0.00004
-148.49	-106.07	0.00004	-155.56	-98.99	0.00004
-162.63	-91.92	0.00004	-169.71	-84.85	0.00004

18NCRA_SR03-300_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	0.00005
-91.92	-176.78	0.00005	-98.99	-169.71	0.00005
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00004	-126.57	-142.13	0.00004
-127.99	-140.71	0.00004	-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	0.00004
-98.99	-183.85	0.00004	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00004

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

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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	0.00004	-130.81	-152.03	0.00004
-132.23	-150.61	0.00004	-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	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00005	-84.85	-212.13	0.00005
-91.92	-205.06	0.00004	-98.99	-197.99	0.00004

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00004	-127.28	-169.71	0.00004
-130.81	-166.17	0.00004	-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	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00003	-219.20	-77.78	0.00003
-84.85	-226.27	0.00004	-91.92	-219.20	0.00004
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00004	-120.21	-190.92	0.00004
-127.28	-183.85	0.00004	-134.35	-176.78	0.00004
-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	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00003
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

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

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

20:31:55
 **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	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003
-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	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00003
-163.34	-176.07	0.00003	-176.07	-163.34	0.00003
-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	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-141.42	-212.13	0.00003
-148.49	-205.06	0.00003	-155.56	-197.99	0.00003
-159.10	-194.45	0.00003	-162.63	-190.92	0.00003
-164.76	-188.80	0.00003	-166.17	-187.38	0.00003
-167.58	-185.97	0.00003	-169.00	-184.55	0.00003
-170.41	-183.14	0.00003	-183.14	-170.41	0.00003
-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 ***

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

18NCRA_SR03-300_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 ***

20:31:55

**MODELOPTs:
 PAGE 103

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	0.00082	240.42	113.14	0.00091
233.35	120.21	0.00102	226.27	127.28	0.00114
219.20	134.35	0.00127	212.13	141.42	0.00142
205.06	148.49	0.00159	197.99	155.56	0.00182
194.45	159.10	0.00197	190.92	162.63	0.00214
188.80	164.76	0.00225	187.38	166.17	0.00234
185.97	167.58	0.00243	184.55	169.00	0.00253
183.14	170.41	0.00263	170.41	183.14	0.00309
169.00	184.55	0.00310	167.58	185.97	0.00311
166.17	187.38	0.00313	164.76	188.80	0.00315
162.63	190.92	0.00318	159.10	194.45	0.00322
155.56	197.99	0.00323	148.49	205.06	0.00314
141.42	212.13	0.00294	134.35	219.20	0.00268
127.28	226.27	0.00242	120.21	233.35	0.00217
113.14	240.42	0.00193	106.07	247.49	0.00172
240.42	98.99	0.00091	233.35	106.07	0.00101
226.27	113.14	0.00114	219.20	120.21	0.00129
212.13	127.28	0.00146	205.06	134.35	0.00166
197.99	141.42	0.00188	190.92	148.49	0.00215
187.38	152.03	0.00232	183.85	155.56	0.00253
181.73	157.68	0.00269	180.31	159.10	0.00281
178.90	160.51	0.00294	177.48	161.93	0.00308
176.07	163.34	0.00323	163.34	176.07	0.00415
161.93	177.48	0.00420	160.51	178.90	0.00424
159.10	180.31	0.00428	157.68	181.73	0.00431
155.56	183.85	0.00433	152.03	187.38	0.00430
148.49	190.92	0.00420	141.42	197.99	0.00386
134.35	205.06	0.00346	127.28	212.13	0.00306
120.21	219.20	0.00269	113.14	226.27	0.00236

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00207	98.99	240.42	0.00181
233.35	91.92	0.00101	226.27	98.99	0.00114
219.20	106.07	0.00129	212.13	113.14	0.00147
205.06	120.21	0.00169	197.99	127.28	0.00194
190.92	134.35	0.00223	183.85	141.42	0.00258
180.31	144.96	0.00280	176.78	148.49	0.00307
174.66	150.61	0.00326	173.24	152.03	0.00341
171.83	153.44	0.00359	170.41	154.86	0.00379
169.00	156.27	0.00403	156.27	169.00	0.00611
154.86	170.41	0.00610	153.44	171.83	0.00605
152.03	173.24	0.00598	150.61	174.66	0.00589

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

20:31:55
 **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	0.00574	144.96	180.31	0.00545
141.42	183.85	0.00514	134.35	190.92	0.00449
127.28	197.99	0.00389	120.21	205.06	0.00335
113.14	212.13	0.00288	106.07	219.20	0.00249
99.00	226.27	0.00215	91.92	233.35	0.00186
226.27	84.85	0.00112	219.20	91.92	0.00126
212.13	98.99	0.00144	205.06	106.07	0.00166
197.99	113.14	0.00193	190.92	120.21	0.00226
183.85	127.28	0.00264	176.78	134.35	0.00312
173.24	137.89	0.00341	169.71	141.42	0.00378
167.58	143.54	0.00405	166.17	144.96	0.00426
164.76	146.37	0.00451	163.34	147.79	0.00483
161.93	149.20	0.00522	149.20	161.93	0.00754
147.79	163.34	0.00729	146.37	164.76	0.00707
144.96	166.17	0.00688	143.54	167.58	0.00671
141.42	169.71	0.00645	137.89	173.24	0.00603
134.35	176.78	0.00561	127.28	183.85	0.00482
120.21	190.92	0.00410	113.14	197.99	0.00348
106.07	205.06	0.00296	99.00	212.13	0.00252
91.92	219.20	0.00215	84.85	226.27	0.00185
219.20	77.78	0.00120	212.13	84.85	0.00137
205.06	91.92	0.00157	197.99	98.99	0.00182
190.92	106.07	0.00213	183.85	113.14	0.00250

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00294	169.71	127.28	0.00347
166.17	130.81	0.00378	162.63	134.35	0.00416
160.51	136.47	0.00443	159.10	137.89	0.00463
157.68	139.30	0.00486	156.27	140.71	0.00514
154.86	142.13	0.00550	142.13	154.86	0.00753
140.71	156.27	0.00728	139.30	157.68	0.00708
137.89	159.10	0.00690	136.47	160.51	0.00673
134.35	162.63	0.00648	130.81	166.17	0.00605
127.28	169.71	0.00563	120.21	176.78	0.00482
113.14	183.85	0.00408	106.07	190.92	0.00344
99.00	197.99	0.00290	91.92	205.06	0.00245
84.85	212.13	0.00207	77.78	219.20	0.00177
212.13	70.71	0.00126	205.06	77.78	0.00144
197.99	84.85	0.00166	190.92	91.92	0.00192
183.85	98.99	0.00224	176.78	106.07	0.00263
169.71	113.14	0.00309	162.63	120.21	0.00362
159.10	123.74	0.00391	155.56	127.28	0.00425

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

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

20:31:55

**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	0.00449	152.03	130.81	0.00468
150.61	132.23	0.00489	149.20	133.64	0.00514
147.79	135.06	0.00546	135.06	147.79	0.00740
133.64	149.20	0.00715	132.23	150.61	0.00694
130.81	152.03	0.00676	129.40	153.44	0.00658
127.28	155.56	0.00633	123.74	159.10	0.00592
120.21	162.63	0.00550	113.14	169.71	0.00468
106.07	176.78	0.00393	98.99	183.85	0.00329
91.92	190.92	0.00274	84.85	197.99	0.00230
77.78	205.06	0.00193	70.71	212.13	0.00164
205.06	63.64	0.00128	197.99	70.71	0.00148
190.92	77.78	0.00170	183.85	84.85	0.00198
176.78	91.92	0.00230	169.71	98.99	0.00268
162.63	106.07	0.00312	155.56	113.14	0.00362
152.03	116.67	0.00389	148.49	120.21	0.00420
146.37	122.33	0.00441	144.96	123.74	0.00457
143.54	125.16	0.00477	142.13	126.57	0.00500

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

140.71	127.99	0.00530	127.99	140.71	0.00716
126.57	142.13	0.00691	125.16	143.54	0.00670
123.74	144.96	0.00651	122.33	146.37	0.00634
120.21	148.49	0.00608	116.67	152.03	0.00567
113.14	155.56	0.00525	106.07	162.63	0.00443
98.99	169.71	0.00368	91.92	176.78	0.00304
84.85	183.85	0.00251	77.78	190.92	0.00209
70.71	197.99	0.00175	63.64	205.06	0.00148
197.99	56.57	0.00128	190.92	63.64	0.00147
183.85	70.71	0.00170	176.78	77.78	0.00197
169.71	84.85	0.00229	162.63	91.92	0.00265
155.56	98.99	0.00305	148.49	106.07	0.00351
144.96	109.60	0.00376	141.42	113.14	0.00403
139.30	115.26	0.00422	137.89	116.67	0.00436
136.47	118.09	0.00453	135.06	119.50	0.00474
133.64	120.92	0.00502	120.92	133.64	0.00681
119.50	135.06	0.00656	118.09	136.47	0.00635
116.67	137.89	0.00616	115.26	139.30	0.00598
113.14	141.42	0.00572	109.60	144.96	0.00529
106.07	148.49	0.00486	98.99	155.56	0.00404
91.92	162.63	0.00330	84.85	169.71	0.00270
77.78	176.78	0.00221	70.71	183.85	0.00184
63.64	190.92	0.00154	56.57	197.99	0.00130

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

20:31:55
 **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	49.50	0.00125	183.85	56.57	0.00143
176.78	63.64	0.00165	169.71	70.71	0.00190
162.63	77.78	0.00221	155.56	84.85	0.00255
148.49	91.92	0.00292	141.42	98.99	0.00332
137.89	102.53	0.00354	134.35	106.07	0.00377
132.23	108.19	0.00393	130.81	109.60	0.00405
129.40	111.02	0.00420	127.99	112.43	0.00438
126.57	113.84	0.00462	113.84	126.57	0.00630
112.43	127.99	0.00605	111.02	129.40	0.00584
109.60	130.81	0.00565	108.19	132.23	0.00547
106.07	134.35	0.00520	102.53	137.89	0.00475

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00430	91.92	148.49	0.00348
84.85	155.56	0.00281	77.78	162.63	0.00228
70.71	169.71	0.00187	63.64	176.78	0.00155
56.57	183.85	0.00130	49.50	190.92	0.00111
183.85	42.43	0.00119	176.78	49.50	0.00136
169.71	56.57	0.00155	162.63	63.64	0.00179
155.56	70.71	0.00206	148.49	77.78	0.00237
141.42	84.85	0.00272	134.35	91.92	0.00306
130.81	95.46	0.00322	127.28	98.99	0.00341
125.16	101.12	0.00354	123.74	102.53	0.00363
122.33	103.94	0.00375	120.92	105.36	0.00390
119.50	106.77	0.00410	106.77	119.50	0.00556
105.36	120.92	0.00530	103.94	122.33	0.00508
102.53	123.74	0.00488	101.12	125.16	0.00468
98.99	127.28	0.00440	95.46	130.81	0.00393
91.92	134.35	0.00349	84.85	141.42	0.00276
77.78	148.49	0.00222	70.71	155.56	0.00181
63.64	162.63	0.00149	56.57	169.71	0.00125
49.50	176.78	0.00106	42.43	183.85	0.00091
176.78	35.36	0.00111	169.71	42.43	0.00126
162.63	49.50	0.00143	155.56	56.57	0.00163
148.49	63.64	0.00186	141.42	70.71	0.00212
134.35	77.78	0.00240	127.28	84.85	0.00269
123.74	88.39	0.00283	120.21	91.92	0.00296
118.09	94.05	0.00304	116.67	95.46	0.00310
115.26	96.87	0.00317	113.84	98.29	0.00327
112.43	99.70	0.00342	99.70	112.43	0.00441
98.29	113.84	0.00412	96.87	115.26	0.00387
95.46	116.67	0.00365	94.05	118.09	0.00344

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

20:31:55
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00316	88.39	123.74	0.00276
84.85	127.28	0.00244	77.78	134.35	0.00195
70.71	141.42	0.00159	63.64	148.49	0.00133
56.57	155.56	0.00113	49.50	162.63	0.00097
42.43	169.71	0.00083	35.36	176.78	0.00073

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00100	162.63	35.36	0.00112
155.56	42.43	0.00126	148.49	49.50	0.00142
141.42	56.57	0.00161	134.35	63.64	0.00180
127.28	70.71	0.00201	120.21	77.78	0.00219
116.67	81.32	0.00226	113.14	84.85	0.00233
111.02	86.97	0.00236	109.60	88.39	0.00239
108.19	89.80	0.00242	106.77	91.22	0.00247
105.36	92.63	0.00254	92.63	105.36	0.00234
91.22	106.77	0.00210	89.80	108.19	0.00194
88.39	109.60	0.00182	86.97	111.02	0.00173
84.85	113.14	0.00163	81.32	116.67	0.00149
77.78	120.21	0.00138	70.71	127.28	0.00119
63.64	134.35	0.00104	56.57	141.42	0.00091
49.50	148.49	0.00080	42.43	155.56	0.00071
35.36	162.63	0.00063	28.28	169.71	0.00056
162.63	21.21	0.00088	155.56	28.28	0.00097
148.49	35.36	0.00107	141.42	42.43	0.00119
134.35	49.50	0.00131	127.28	56.57	0.00142
120.21	63.64	0.00152	113.14	70.71	0.00156
109.60	74.25	0.00155	106.07	77.78	0.00150
103.94	79.90	0.00145	102.53	81.32	0.00141
101.12	82.73	0.00136	99.70	84.15	0.00130
98.29	85.56	0.00122	85.56	98.29	0.00076
84.15	99.70	0.00076	82.73	101.12	0.00076
81.32	102.53	0.00076	79.90	103.94	0.00076
77.78	106.07	0.00076	74.25	109.60	0.00076
70.71	113.14	0.00075	63.64	120.21	0.00072
56.57	127.28	0.00067	49.50	134.35	0.00062
42.43	141.42	0.00057	35.36	148.49	0.00052
28.28	155.56	0.00048	21.21	162.63	0.00044
155.56	14.14	0.00076	148.49	21.21	0.00082
141.42	28.28	0.00089	134.35	35.36	0.00097
127.28	42.43	0.00104	120.21	49.50	0.00109
113.14	56.57	0.00112	106.07	63.64	0.00109
102.53	67.18	0.00104	98.99	70.71	0.00097

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:31:55
 **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 **

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00092	95.46	74.25	0.00088
94.05	75.66	0.00084	92.63	77.07	0.00080
91.22	78.49	0.00076	78.49	91.22	0.00056
77.07	92.63	0.00056	75.66	94.05	0.00056
74.25	95.46	0.00055	72.83	96.87	0.00055
70.71	98.99	0.00055	67.18	102.53	0.00054
63.64	106.07	0.00053	56.57	113.14	0.00051
49.50	120.21	0.00049	42.43	127.28	0.00046
35.36	134.35	0.00043	28.28	141.42	0.00040
21.21	148.49	0.00038	14.14	155.56	0.00035
148.49	7.07	0.00065	141.42	14.14	0.00070
134.35	21.21	0.00074	127.28	28.28	0.00079
120.21	35.36	0.00083	113.14	42.43	0.00084
106.07	49.50	0.00083	98.99	56.57	0.00079
95.46	60.10	0.00075	91.92	63.64	0.00069
89.80	65.76	0.00066	88.39	67.18	0.00063
86.97	68.59	0.00060	85.56	70.00	0.00058
84.15	71.42	0.00055	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	0.00044	60.10	95.46	0.00043
56.57	98.99	0.00042	49.50	106.07	0.00040
42.43	113.14	0.00038	35.36	120.21	0.00036
28.28	127.28	0.00034	21.21	134.35	0.00033
14.14	141.42	0.00031	7.07	148.49	0.00029
141.42	0.00	0.00056	134.35	7.07	0.00059
127.28	14.14	0.00062	120.21	21.21	0.00064
113.14	28.28	0.00066	106.07	35.36	0.00066
98.99	42.43	0.00064	91.92	49.50	0.00059
88.39	53.03	0.00056	84.85	56.57	0.00052
82.73	58.69	0.00049	81.32	60.10	0.00048
79.90	61.52	0.00046	78.49	62.93	0.00045
77.07	64.35	0.00043	64.35	77.07	0.00037
62.93	78.49	0.00037	61.52	79.90	0.00037
60.10	81.32	0.00037	58.69	82.73	0.00037
56.57	84.85	0.00037	53.03	88.39	0.00036
49.50	91.92	0.00035	42.43	98.99	0.00033
35.36	106.07	0.00031	28.28	113.14	0.00029
21.21	120.21	0.00028	14.14	127.28	0.00026
7.07	134.35	0.00025	0.00	141.42	0.00024

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

*** NCRA Cumulative DPM Impacts

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

20:31:55

**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	0.00048	127.28	0.00	0.00050
120.21	7.07	0.00051	113.14	14.14	0.00052
106.07	21.21	0.00053	98.99	28.28	0.00052
91.92	35.36	0.00050	84.85	42.43	0.00046
81.32	45.96	0.00043	77.78	49.50	0.00040
75.66	51.62	0.00039	74.25	53.03	0.00038
72.83	54.45	0.00037	71.42	55.86	0.00036
70.00	57.28	0.00035	57.28	70.00	0.00031
55.86	71.42	0.00030	54.45	72.83	0.00030
53.03	74.25	0.00030	51.62	75.66	0.00031
49.50	77.78	0.00031	45.96	81.32	0.00030
42.43	84.85	0.00030	35.36	91.92	0.00027
28.28	98.99	0.00026	21.21	106.07	0.00024
14.14	113.14	0.00023	7.07	120.21	0.00022
0.00	127.28	0.00021	-7.07	134.35	0.00020
127.28	-14.14	0.00041	120.21	-7.07	0.00042
113.14	0.00	0.00043	106.07	7.07	0.00043
98.99	14.14	0.00043	91.92	21.21	0.00042
84.85	28.28	0.00040	77.78	35.36	0.00036
74.25	38.89	0.00034	70.71	42.43	0.00032
68.59	44.55	0.00031	67.18	45.96	0.00030
65.76	47.38	0.00030	64.35	48.79	0.00029
62.93	50.20	0.00029	50.20	62.93	0.00026
48.79	64.35	0.00026	47.38	65.76	0.00025
45.96	67.18	0.00025	44.55	68.59	0.00026
42.43	70.71	0.00026	38.89	74.25	0.00026
35.36	77.78	0.00025	28.28	84.85	0.00024
21.21	91.92	0.00022	14.14	98.99	0.00021
7.07	106.07	0.00020	0.00	113.14	0.00019
-7.07	120.21	0.00018	-14.14	127.28	0.00017
120.21	-21.21	0.00035	113.14	-14.14	0.00036
106.07	-7.07	0.00036	98.99	0.00	0.00036
91.92	7.07	0.00036	84.85	14.14	0.00035
77.78	21.21	0.00032	70.71	28.28	0.00030
67.18	31.82	0.00028	63.64	35.36	0.00026
61.52	37.48	0.00026	60.10	38.89	0.00025
58.69	40.31	0.00025	57.28	41.72	0.00025

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00024	43.13	55.86	0.00022
41.72	57.28	0.00022	40.31	58.69	0.00022
38.89	60.10	0.00022	37.48	61.52	0.00022

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

20:31:55
 **MODELOPTs:
 PAGE 110
 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	0.00022	31.82	67.18	0.00022
28.28	70.71	0.00022	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	0.00016
-14.14	113.14	0.00016	-21.21	120.21	0.00015
113.14	-28.28	0.00030	106.07	-21.21	0.00031
98.99	-14.14	0.00031	91.92	-7.07	0.00031
84.85	0.00	0.00030	77.78	7.07	0.00029
70.71	14.14	0.00027	63.64	21.21	0.00024
60.10	24.75	0.00023	56.57	28.28	0.00022
54.45	30.41	0.00022	53.03	31.82	0.00021
51.62	33.23	0.00021	50.20	34.65	0.00021
48.79	36.06	0.00021	36.06	48.79	0.00019
34.65	50.20	0.00019	33.23	51.62	0.00019
31.82	53.03	0.00019	30.41	54.45	0.00019
28.28	56.57	0.00019	24.75	60.10	0.00019
21.21	63.64	0.00019	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	0.00013
106.07	-35.36	0.00026	98.99	-28.28	0.00027
91.92	-21.21	0.00027	84.85	-14.14	0.00026
77.78	-7.07	0.00025	70.71	0.00	0.00024
63.64	7.07	0.00022	56.57	14.14	0.00020
53.03	17.68	0.00020	49.50	21.21	0.00019
47.38	23.33	0.00019	45.96	24.75	0.00018
44.55	26.16	0.00018	43.13	27.58	0.00018
41.72	28.99	0.00018	28.99	41.72	0.00016
27.58	43.13	0.00016	26.16	44.55	0.00016
24.75	45.96	0.00016	23.33	47.38	0.00016
21.21	49.50	0.00016	17.68	53.03	0.00016

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00016	7.07	63.64	0.00016
0.00	70.71	0.00016	-7.07	77.78	0.00015
-14.14	84.85	0.00013	-21.21	91.92	0.00013
-28.28	98.99	0.00012	-35.36	106.07	0.00011
98.99	-42.43	0.00023	91.92	-35.36	0.00023
84.85	-28.28	0.00023	77.78	-21.21	0.00022
70.71	-14.14	0.00022	63.64	-7.07	0.00020
56.57	0.00	0.00019	49.50	7.07	0.00017
45.96	10.61	0.00017	42.43	14.14	0.00016

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

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

20:31:55

**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	0.00016	38.89	17.68	0.00016
37.48	19.09	0.00016	36.06	20.51	0.00016
34.65	21.92	0.00016	21.92	34.65	0.00014
20.51	36.06	0.00014	19.09	37.48	0.00014
17.68	38.89	0.00014	16.26	40.31	0.00014
14.14	42.43	0.00014	10.61	45.96	0.00014
7.07	49.50	0.00014	0.00	56.57	0.00014
-7.07	63.64	0.00014	-14.14	70.71	0.00013
-21.21	77.78	0.00012	-28.28	84.85	0.00011
-35.36	91.92	0.00011	-42.43	98.99	0.00010
91.92	-49.50	0.00020	84.85	-42.43	0.00020
77.78	-35.36	0.00020	70.71	-28.28	0.00019
63.64	-21.21	0.00019	56.57	-14.14	0.00017
49.50	-7.07	0.00016	42.43	0.00	0.00015
38.89	3.54	0.00015	35.36	7.07	0.00014
33.23	9.19	0.00014	31.82	10.61	0.00014
30.41	12.02	0.00014	28.99	13.44	0.00014
27.58	14.85	0.00014	14.85	27.58	0.00013
13.44	28.99	0.00013	12.02	30.41	0.00013
10.61	31.82	0.00012	9.19	33.23	0.00012
7.07	35.36	0.00012	3.54	38.89	0.00012
0.00	42.43	0.00012	-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	0.00010
-42.43	84.85	0.00010	-49.50	91.92	0.00009

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

84.85	-56.57	0.00018	77.78	-49.50	0.00018
70.71	-42.43	0.00017	63.64	-35.36	0.00017
56.57	-28.28	0.00016	49.50	-21.21	0.00015
42.43	-14.14	0.00014	35.36	-7.07	0.00013
31.82	-3.54	0.00013	28.28	0.00	0.00013
26.16	2.12	0.00012	24.75	3.54	0.00012
23.33	4.95	0.00012	21.92	6.36	0.00012
20.51	7.78	0.00012	7.78	20.51	0.00011
6.36	21.92	0.00011	4.95	23.33	0.00011
3.54	24.75	0.00011	2.12	26.16	0.00011
0.00	28.28	0.00011	-3.54	31.82	0.00011
-7.07	35.36	0.00011	-14.14	42.43	0.00011
-21.21	49.50	0.00011	-28.28	56.57	0.00011
-35.36	63.64	0.00010	-42.43	70.71	0.00010
-49.50	77.78	0.00009	-56.57	84.85	0.00008

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

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

20:31:55
 **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	0.00016	70.71	-56.57	0.00016
63.64	-49.50	0.00015	56.57	-42.43	0.00015
49.50	-35.36	0.00014	42.43	-28.28	0.00013
35.36	-21.21	0.00012	28.28	-14.14	0.00012
24.75	-10.61	0.00011	21.21	-7.07	0.00011
19.09	-4.95	0.00011	17.68	-3.54	0.00011
16.26	-2.12	0.00011	14.85	-0.71	0.00011
13.44	0.71	0.00011	0.71	13.44	0.00010
-0.71	14.85	0.00010	-2.12	16.26	0.00010
-3.54	17.68	0.00010	-4.95	19.09	0.00010
-7.07	21.21	0.00010	-10.61	24.75	0.00010
-14.14	28.28	0.00010	-21.21	35.36	0.00010
-28.28	42.43	0.00010	-35.36	49.50	0.00010
-42.43	56.57	0.00009	-49.50	63.64	0.00009
-56.57	70.71	0.00008	-63.64	77.78	0.00008
70.71	-70.71	0.00014	63.64	-63.64	0.00014
56.57	-56.57	0.00013	49.50	-49.50	0.00013
42.43	-42.43	0.00012	35.36	-35.36	0.00012
28.28	-28.28	0.00011	21.21	-21.21	0.00010

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:31:55

**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	0.00008	-24.75	10.61	0.00008
-28.28	14.14	0.00008	-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	0.00008
-70.71	56.57	0.00007	-77.78	63.64	0.00007
56.57	-84.85	0.00011	49.50	-77.78	0.00011
42.43	-70.71	0.00011	35.36	-63.64	0.00010
28.28	-56.57	0.00010	21.21	-49.50	0.00009
14.14	-42.43	0.00009	7.07	-35.36	0.00008
3.54	-31.82	0.00008	0.00	-28.28	0.00008
-2.12	-26.16	0.00008	-3.54	-24.75	0.00008
-4.95	-23.33	0.00008	-6.36	-21.92	0.00008
-7.78	-20.51	0.00008	-20.51	-7.78	0.00008

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-21.92	-6.36	0.00008	-23.33	-4.95	0.00007
-24.75	-3.54	0.00007	-26.16	-2.12	0.00007
-28.28	0.00	0.00007	-31.82	3.54	0.00007
-35.36	7.07	0.00007	-42.43	14.14	0.00007
-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	0.00006
49.50	-91.92	0.00010	42.43	-84.85	0.00010
35.36	-77.78	0.00010	28.28	-70.71	0.00009
21.21	-63.64	0.00009	14.14	-56.57	0.00008
7.07	-49.50	0.00008	0.00	-42.43	0.00008
-3.54	-38.89	0.00008	-7.07	-35.36	0.00007
-9.19	-33.23	0.00007	-10.61	-31.82	0.00007
-12.02	-30.41	0.00007	-13.44	-28.99	0.00007
-14.85	-27.58	0.00007	-27.58	-14.85	0.00007
-28.99	-13.44	0.00007	-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	0.00007
-70.71	28.28	0.00007	-77.78	35.36	0.00007
-84.85	42.43	0.00006	-91.92	49.50	0.00006
42.43	-98.99	0.00009	35.36	-91.92	0.00009
28.28	-84.85	0.00009	21.21	-77.78	0.00008
14.14	-70.71	0.00008	7.07	-63.64	0.00007
0.00	-56.57	0.00007	-7.07	-49.50	0.00007
-10.61	-45.96	0.00007	-14.14	-42.43	0.00007

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

*** 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	0.00007	-17.68	-38.89	0.00007
-19.09	-37.48	0.00007	-20.51	-36.06	0.00007
-21.92	-34.65	0.00007	-34.65	-21.92	0.00006
-36.06	-20.51	0.00006	-37.48	-19.09	0.00006
-38.89	-17.68	0.00006	-40.31	-16.26	0.00006
-42.43	-14.14	0.00006	-45.96	-10.61	0.00006
-49.50	-7.07	0.00006	-56.57	0.00	0.00006

18NCRA_SR03-300_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	0.00008	28.28	-98.99	0.00008
21.21	-91.92	0.00008	14.14	-84.85	0.00007
7.07	-77.78	0.00007	0.00	-70.71	0.00007
-7.07	-63.64	0.00007	-14.14	-56.57	0.00006
-17.68	-53.03	0.00006	-21.21	-49.50	0.00006
-23.33	-47.38	0.00006	-24.75	-45.96	0.00006
-26.16	-44.55	0.00006	-27.58	-43.13	0.00006
-28.99	-41.72	0.00006	-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	0.00006	-91.92	21.21	0.00006
-98.99	28.28	0.00006	-106.07	35.36	0.00005
28.28	-113.14	0.00008	21.21	-106.07	0.00007
14.14	-98.99	0.00007	7.07	-91.92	0.00007
0.00	-84.85	0.00006	-7.07	-77.78	0.00006
-14.14	-70.71	0.00006	-21.21	-63.64	0.00006
-24.75	-60.10	0.00006	-28.28	-56.57	0.00006
-30.41	-54.45	0.00006	-31.82	-53.03	0.00006
-33.23	-51.62	0.00006	-34.65	-50.20	0.00006
-36.06	-48.79	0.00006	-48.79	-36.06	0.00005
-50.20	-34.65	0.00005	-51.62	-33.23	0.00005
-53.03	-31.82	0.00005	-54.45	-30.41	0.00005
-56.57	-28.28	0.00005	-60.10	-24.75	0.00005
-63.64	-21.21	0.00005	-70.71	-14.14	0.00005
-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 ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00007	14.14	-113.14	0.00007

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

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	0.00004	-81.32	-45.96	0.00004
-84.85	-42.43	0.00004	-91.92	-35.36	0.00004
-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	0.00005
-28.28	-113.14	0.00005	-35.36	-106.07	0.00005
-42.43	-98.99	0.00004	-49.50	-91.92	0.00004
-53.03	-88.39	0.00004	-56.57	-84.85	0.00004
-58.69	-82.73	0.00004	-60.10	-81.32	0.00004
-61.52	-79.90	0.00004	-62.93	-78.49	0.00004
-64.35	-77.07	0.00004	-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	0.00004
-35.36	-120.21	0.00004	-42.43	-113.14	0.00004
-49.50	-106.07	0.00004	-56.57	-98.99	0.00004
-60.10	-95.46	0.00004	-63.64	-91.92	0.00004
-65.76	-89.80	0.00004	-67.18	-88.39	0.00004
-68.59	-86.97	0.00004	-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	0.00004	-148.49	-7.07	0.00004
-14.14	-155.56	0.00005	-21.21	-148.49	0.00005
-28.28	-141.42	0.00004	-35.36	-134.35	0.00004
-42.43	-127.28	0.00004	-49.50	-120.21	0.00004
-56.57	-113.14	0.00004	-63.64	-106.07	0.00004

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-67.18 -102.53 0.00004 -70.71 -98.99 0.00004

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_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	0.00003
-106.07	-63.64	0.00003	-113.14	-56.57	0.00003
-120.21	-49.50	0.00003	-127.28	-42.43	0.00003
-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	0.00004	-42.43	-141.42	0.00004
-49.50	-134.35	0.00004	-56.57	-127.28	0.00004
-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	0.00003
-99.70	-84.15	0.00003	-101.12	-82.73	0.00003
-102.53	-81.32	0.00003	-103.94	-79.90	0.00003
-106.07	-77.78	0.00003	-109.60	-74.25	0.00003
-113.14	-70.71	0.00003	-120.21	-63.64	0.00003
-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	0.00003	-77.78	-120.21	0.00003
-81.32	-116.67	0.00003	-84.85	-113.14	0.00003
-86.97	-111.02	0.00003	-88.39	-109.60	0.00003
-89.80	-108.19	0.00003	-91.22	-106.77	0.00003
-92.63	-105.36	0.00003	-105.36	-92.63	0.00003

18NCRA_SR03-300_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 ***

*** 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
-35.36	-176.78	0.00004	-42.43	-169.71	0.00004
-49.50	-162.63	0.00004	-56.57	-155.56	0.00003
-63.64	-148.49	0.00003	-70.71	-141.42	0.00003
-77.78	-134.35	0.00003	-84.85	-127.28	0.00003
-88.39	-123.74	0.00003	-91.92	-120.21	0.00003
-94.05	-118.09	0.00003	-95.46	-116.67	0.00003
-96.87	-115.26	0.00003	-98.29	-113.84	0.00003
-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	0.00003
-56.57	-169.71	0.00003	-63.64	-162.63	0.00003
-70.71	-155.56	0.00003	-77.78	-148.49	0.00003
-84.85	-141.42	0.00003	-91.92	-134.35	0.00003
-95.46	-130.81	0.00003	-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

18NCRA_SR03-300_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	0.00003	-56.57	-183.85	0.00003
-63.64	-176.78	0.00003	-70.71	-169.71	0.00003
-77.78	-162.63	0.00003	-84.85	-155.56	0.00003
-91.92	-148.49	0.00003	-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 ***

20:31:55
 **MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00003	-137.89	-102.53	0.00003
-141.42	-98.99	0.00003	-148.49	-91.92	0.00003
-155.56	-84.85	0.00003	-162.63	-77.78	0.00003
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00003	-63.64	-190.92	0.00003
-70.71	-183.85	0.00003	-77.78	-176.78	0.00003
-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	0.00002	-155.56	-98.99	0.00002
-162.63	-91.92	0.00002	-169.71	-84.85	0.00002
-176.78	-77.78	0.00002	-183.85	-70.71	0.00002
-190.92	-63.64	0.00002	-197.99	-56.57	0.00002
-63.64	-205.06	0.00003	-70.71	-197.99	0.00003

18NCRA_SR03-300_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	0.00002
-142.13	-126.57	0.00002	-143.54	-125.16	0.00002
-144.96	-123.74	0.00002	-146.37	-122.33	0.00002
-148.49	-120.21	0.00002	-152.03	-116.67	0.00002
-155.56	-113.14	0.00002	-162.63	-106.07	0.00002
-169.71	-98.99	0.00002	-176.78	-91.92	0.00002
-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	0.00002
-123.74	-159.10	0.00002	-127.28	-155.56	0.00002

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

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

20:31:55
 **MODELOPTs:
 PAGE 120
 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	0.00002	-130.81	-152.03	0.00002
-132.23	-150.61	0.00002	-133.64	-149.20	0.00002
-135.06	-147.79	0.00002	-147.79	-135.06	0.00002
-149.20	-133.64	0.00002	-150.61	-132.23	0.00002
-152.03	-130.81	0.00002	-153.44	-129.40	0.00002
-155.56	-127.28	0.00002	-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	0.00002
-106.07	-190.92	0.00002	-113.14	-183.85	0.00002
-120.21	-176.78	0.00002	-127.28	-169.71	0.00002
-130.81	-166.17	0.00002	-134.35	-162.63	0.00002

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-136.47	-160.51	0.00002	-137.89	-159.10	0.00002
-139.30	-157.68	0.00002	-140.71	-156.27	0.00002
-142.13	-154.86	0.00002	-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	0.00002	-91.92	-219.20	0.00002
-98.99	-212.13	0.00002	-106.07	-205.06	0.00002
-113.14	-197.99	0.00002	-120.21	-190.92	0.00002
-127.28	-183.85	0.00002	-134.35	-176.78	0.00002
-137.89	-173.24	0.00002	-141.42	-169.71	0.00002
-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 ***

20:31:55
 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00002	-98.99	-226.27	0.00002
-106.07	-219.20	0.00002	-113.14	-212.13	0.00002
-120.21	-205.06	0.00002	-127.28	-197.99	0.00002
-134.35	-190.92	0.00002	-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

18NCRA_SR03-300_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	0.00002	-106.07	-233.35	0.00002
-113.14	-226.27	0.00002	-120.21	-219.20	0.00002
-127.28	-212.13	0.00002	-134.35	-205.06	0.00002
-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	0.00002	-113.14	-240.42	0.00002
-120.21	-233.35	0.00002	-127.28	-226.27	0.00002
-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 ***

20:31:55
 **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

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00275	197.99	127.28	0.00306
190.92	134.35	0.00343	183.85	141.42	0.00386
180.31	144.96	0.00412	176.78	148.49	0.00442
174.66	150.61	0.00463	173.24	152.03	0.00480
171.83	153.44	0.00498	170.41	154.86	0.00519
169.00	156.27	0.00544	156.27	169.00	0.00755
154.86	170.41	0.00754	153.44	171.83	0.00750
152.03	173.24	0.00742	150.61	174.66	0.00734

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

20:31:55
 **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	0.00719	144.96	180.31	0.00690
141.42	183.85	0.00658	134.35	190.92	0.00593
127.28	197.99	0.00533	120.21	205.06	0.00479
113.14	212.13	0.00432	106.07	219.20	0.00391
99.00	226.27	0.00356	91.92	233.35	0.00326
226.27	84.85	0.00204	219.20	91.92	0.00224
212.13	98.99	0.00248	205.06	106.07	0.00276
197.99	113.14	0.00309	190.92	120.21	0.00349
183.85	127.28	0.00395	176.78	134.35	0.00452
173.24	137.89	0.00486	169.71	141.42	0.00528
167.58	143.54	0.00557	166.17	144.96	0.00580
164.76	146.37	0.00606	163.34	147.79	0.00639
161.93	149.20	0.00679	149.20	161.93	0.00915
147.79	163.34	0.00890	146.37	164.76	0.00869
144.96	166.17	0.00850	143.54	167.58	0.00833
141.42	169.71	0.00807	137.89	173.24	0.00765
134.35	176.78	0.00723	127.28	183.85	0.00643
120.21	190.92	0.00571	113.14	197.99	0.00509
106.07	205.06	0.00456	99.00	212.13	0.00411
91.92	219.20	0.00373	84.85	226.27	0.00340
219.20	77.78	0.00219	212.13	84.85	0.00242
205.06	91.92	0.00269	197.99	98.99	0.00301
190.92	106.07	0.00339	183.85	113.14	0.00384
176.78	120.21	0.00438	169.71	127.28	0.00502
166.17	130.81	0.00539	162.63	134.35	0.00583
160.51	136.47	0.00612	159.10	137.89	0.00635

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00660	156.27	140.71	0.00689
154.86	142.13	0.00727	142.13	154.86	0.00936
140.71	156.27	0.00911	139.30	157.68	0.00891
137.89	159.10	0.00873	136.47	160.51	0.00856
134.35	162.63	0.00830	130.81	166.17	0.00788
127.28	169.71	0.00746	120.21	176.78	0.00664
113.14	183.85	0.00590	106.07	190.92	0.00526
99.00	197.99	0.00471	91.92	205.06	0.00424
84.85	212.13	0.00384	77.78	219.20	0.00350
212.13	70.71	0.00232	205.06	77.78	0.00257
197.99	84.85	0.00287	190.92	91.92	0.00322
183.85	98.99	0.00363	176.78	106.07	0.00412
169.71	113.14	0.00468	162.63	120.21	0.00534
159.10	123.74	0.00570	155.56	127.28	0.00612

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

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

20:31:55

**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	0.00640	152.03	130.81	0.00661
150.61	132.23	0.00685	149.20	133.64	0.00712
147.79	135.06	0.00747	135.06	147.79	0.00948
133.64	149.20	0.00923	132.23	150.61	0.00903
130.81	152.03	0.00884	129.40	153.44	0.00867
127.28	155.56	0.00842	123.74	159.10	0.00800
120.21	162.63	0.00759	113.14	169.71	0.00677
106.07	176.78	0.00602	98.99	183.85	0.00537
91.92	190.92	0.00480	84.85	197.99	0.00432
77.78	205.06	0.00391	70.71	212.13	0.00356
205.06	63.64	0.00244	197.99	70.71	0.00270
190.92	77.78	0.00302	183.85	84.85	0.00338
176.78	91.92	0.00382	169.71	98.99	0.00432
162.63	106.07	0.00489	155.56	113.14	0.00554
152.03	116.67	0.00590	148.49	120.21	0.00630
146.37	122.33	0.00657	144.96	123.74	0.00677
143.54	125.16	0.00700	142.13	126.57	0.00726
140.71	127.99	0.00760	127.99	140.71	0.00958
126.57	142.13	0.00932	125.16	143.54	0.00912
123.74	144.96	0.00893	122.33	146.37	0.00875

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00850	116.67	152.03	0.00808
113.14	155.56	0.00767	106.07	162.63	0.00685
98.99	169.71	0.00610	91.92	176.78	0.00544
84.85	183.85	0.00487	77.78	190.92	0.00438
70.71	197.99	0.00397	63.64	205.06	0.00361
197.99	56.57	0.00254	190.92	63.64	0.00281
183.85	70.71	0.00314	176.78	77.78	0.00352
169.71	84.85	0.00396	162.63	91.92	0.00447
155.56	98.99	0.00504	148.49	106.07	0.00568
144.96	109.60	0.00604	141.42	113.14	0.00642
139.30	115.26	0.00668	137.89	116.67	0.00688
136.47	118.09	0.00710	135.06	119.50	0.00736
133.64	120.92	0.00768	120.92	133.64	0.00964
119.50	135.06	0.00939	118.09	136.47	0.00918
116.67	137.89	0.00900	115.26	139.30	0.00882
113.14	141.42	0.00856	109.60	144.96	0.00814
106.07	148.49	0.00772	98.99	155.56	0.00691
91.92	162.63	0.00616	84.85	169.71	0.00549
77.78	176.78	0.00492	70.71	183.85	0.00443
63.64	190.92	0.00401	56.57	197.99	0.00365

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

20:31:55
 **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	0.00262	183.85	56.57	0.00290
176.78	63.64	0.00324	169.71	70.71	0.00362
162.63	77.78	0.00406	155.56	84.85	0.00457
148.49	91.92	0.00515	141.42	98.99	0.00578
137.89	102.53	0.00613	134.35	106.07	0.00651
132.23	108.19	0.00677	130.81	109.60	0.00696
129.40	111.02	0.00717	127.99	112.43	0.00743
126.57	113.84	0.00774	113.84	126.57	0.00969
112.43	127.99	0.00944	111.02	129.40	0.00924
109.60	130.81	0.00905	108.19	132.23	0.00888
106.07	134.35	0.00862	102.53	137.89	0.00819
98.99	141.42	0.00777	91.92	148.49	0.00695
84.85	155.56	0.00620	77.78	162.63	0.00553
70.71	169.71	0.00496	63.64	176.78	0.00446

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00404	49.50	190.92	0.00367
183.85	42.43	0.00269	176.78	49.50	0.00298
169.71	56.57	0.00331	162.63	63.64	0.00370
155.56	70.71	0.00415	148.49	77.78	0.00466
141.42	84.85	0.00523	134.35	91.92	0.00586
130.81	95.46	0.00620	127.28	98.99	0.00657
125.16	101.12	0.00682	123.74	102.53	0.00701
122.33	103.94	0.00722	120.92	105.36	0.00747
119.50	106.77	0.00779	106.77	119.50	0.00973
105.36	120.92	0.00948	103.94	122.33	0.00927
102.53	123.74	0.00909	101.12	125.16	0.00892
98.99	127.28	0.00866	95.46	130.81	0.00823
91.92	134.35	0.00780	84.85	141.42	0.00697
77.78	148.49	0.00622	70.71	155.56	0.00556
63.64	162.63	0.00498	56.57	169.71	0.00449
49.50	176.78	0.00406	42.43	183.85	0.00370
176.78	35.36	0.00274	169.71	42.43	0.00303
162.63	49.50	0.00337	155.56	56.57	0.00376
148.49	63.64	0.00421	141.42	70.71	0.00472
134.35	77.78	0.00529	127.28	84.85	0.00590
123.74	88.39	0.00625	120.21	91.92	0.00661
118.09	94.05	0.00687	116.67	95.46	0.00706
115.26	96.87	0.00727	113.84	98.29	0.00752
112.43	99.70	0.00782	99.70	112.43	0.00976
98.29	113.84	0.00951	96.87	115.26	0.00930
95.46	116.67	0.00912	94.05	118.09	0.00894

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
91.92	120.21	0.00869	88.39	123.74	0.00826
84.85	127.28	0.00783	77.78	134.35	0.00700
70.71	141.42	0.00624	63.64	148.49	0.00558
56.57	155.56	0.00500	49.50	162.63	0.00450
42.43	169.71	0.00408	35.36	176.78	0.00371
169.71	28.28	0.00278	162.63	35.36	0.00308
155.56	42.43	0.00342	148.49	49.50	0.00381
141.42	56.57	0.00426	134.35	63.64	0.00477

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00533	120.21	77.78	0.00594
116.67	81.32	0.00628	113.14	84.85	0.00665
111.02	86.97	0.00689	109.60	88.39	0.00708
108.19	89.80	0.00729	106.77	91.22	0.00755
105.36	92.63	0.00787	92.63	105.36	0.00978
91.22	106.77	0.00953	89.80	108.19	0.00932
88.39	109.60	0.00914	86.97	111.02	0.00896
84.85	113.14	0.00871	81.32	116.67	0.00828
77.78	120.21	0.00785	70.71	127.28	0.00701
63.64	134.35	0.00625	56.57	141.42	0.00559
49.50	148.49	0.00501	42.43	155.56	0.00452
35.36	162.63	0.00409	28.28	169.71	0.00372
162.63	21.21	0.00282	155.56	28.28	0.00311
148.49	35.36	0.00345	141.42	42.43	0.00385
134.35	49.50	0.00429	127.28	56.57	0.00480
120.21	63.64	0.00536	113.14	70.71	0.00597
109.60	74.25	0.00630	106.07	77.78	0.00666
103.94	79.90	0.00691	102.53	81.32	0.00710
101.12	82.73	0.00730	99.70	84.15	0.00757
98.29	85.56	0.00790	85.56	98.29	0.00980
84.15	99.70	0.00955	82.73	101.12	0.00933
81.32	102.53	0.00915	79.90	103.94	0.00898
77.78	106.07	0.00872	74.25	109.60	0.00830
70.71	113.14	0.00786	63.64	120.21	0.00703
56.57	127.28	0.00627	49.50	134.35	0.00560
42.43	141.42	0.00502	35.36	148.49	0.00452
28.28	155.56	0.00409	21.21	162.63	0.00373
155.56	14.14	0.00285	148.49	21.21	0.00314
141.42	28.28	0.00348	134.35	35.36	0.00387
127.28	42.43	0.00432	120.21	49.50	0.00483
113.14	56.57	0.00538	106.07	63.64	0.00599
102.53	67.18	0.00631	98.99	70.71	0.00668

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

20:31:55
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00693	95.46	74.25	0.00711
94.05	75.66	0.00732	92.63	77.07	0.00757

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00790	78.49	91.22	0.00980
77.07	92.63	0.00955	75.66	94.05	0.00934
74.25	95.46	0.00916	72.83	96.87	0.00899
70.71	98.99	0.00873	67.18	102.53	0.00830
63.64	106.07	0.00787	56.57	113.14	0.00704
49.50	120.21	0.00627	42.43	127.28	0.00560
35.36	134.35	0.00502	28.28	141.42	0.00452
21.21	148.49	0.00410	14.14	155.56	0.00373
148.49	7.07	0.00287	141.42	14.14	0.00316
134.35	21.21	0.00350	127.28	28.28	0.00390
120.21	35.36	0.00434	113.14	42.43	0.00484
106.07	49.50	0.00540	98.99	56.57	0.00600
95.46	60.10	0.00632	91.92	63.64	0.00668
89.80	65.76	0.00693	88.39	67.18	0.00712
86.97	68.59	0.00733	85.56	70.00	0.00758
84.15	71.42	0.00790	71.42	84.15	0.00981
70.00	85.56	0.00956	68.59	86.97	0.00935
67.18	88.39	0.00917	65.76	89.80	0.00899
63.64	91.92	0.00873	60.10	95.46	0.00830
56.57	98.99	0.00788	49.50	106.07	0.00705
42.43	113.14	0.00628	35.36	120.21	0.00560
28.28	127.28	0.00502	21.21	134.35	0.00452
14.14	141.42	0.00409	7.07	148.49	0.00373
141.42	0.00	0.00289	134.35	7.07	0.00318
127.28	14.14	0.00352	120.21	21.21	0.00391
113.14	28.28	0.00435	106.07	35.36	0.00485
98.99	42.43	0.00541	91.92	49.50	0.00601
88.39	53.03	0.00633	84.85	56.57	0.00669
82.73	58.69	0.00693	81.32	60.10	0.00712
79.90	61.52	0.00733	78.49	62.93	0.00758
77.07	64.35	0.00790	64.35	77.07	0.00981
62.93	78.49	0.00956	61.52	79.90	0.00935
60.10	81.32	0.00917	58.69	82.73	0.00899
56.57	84.85	0.00873	53.03	88.39	0.00831
49.50	91.92	0.00788	42.43	98.99	0.00705
35.36	106.07	0.00628	28.28	113.14	0.00560
21.21	120.21	0.00502	14.14	127.28	0.00452
7.07	134.35	0.00409	0.00	141.42	0.00372

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	0.00290	127.28	0.00	0.00319
120.21	7.07	0.00353	113.14	14.14	0.00392
106.07	21.21	0.00436	98.99	28.28	0.00486
91.92	35.36	0.00541	84.85	42.43	0.00601
81.32	45.96	0.00633	77.78	49.50	0.00669
75.66	51.62	0.00693	74.25	53.03	0.00712
72.83	54.45	0.00733	71.42	55.86	0.00758
70.00	57.28	0.00789	57.28	70.00	0.00981
55.86	71.42	0.00956	54.45	72.83	0.00935
53.03	74.25	0.00916	51.62	75.66	0.00899
49.50	77.78	0.00873	45.96	81.32	0.00831
42.43	84.85	0.00788	35.36	91.92	0.00704
28.28	98.99	0.00628	21.21	106.07	0.00560
14.14	113.14	0.00501	7.07	120.21	0.00451
0.00	127.28	0.00408	-7.07	134.35	0.00371
127.28	-14.14	0.00291	120.21	-7.07	0.00320
113.14	0.00	0.00354	106.07	7.07	0.00393
98.99	14.14	0.00437	91.92	21.21	0.00486
84.85	28.28	0.00541	77.78	35.36	0.00601
74.25	38.89	0.00633	70.71	42.43	0.00669
68.59	44.55	0.00693	67.18	45.96	0.00712
65.76	47.38	0.00733	64.35	48.79	0.00757
62.93	50.20	0.00789	50.20	62.93	0.00980
48.79	64.35	0.00955	47.38	65.76	0.00934
45.96	67.18	0.00916	44.55	68.59	0.00898
42.43	70.71	0.00873	38.89	74.25	0.00830
35.36	77.78	0.00787	28.28	84.85	0.00704
21.21	91.92	0.00627	14.14	98.99	0.00559
7.07	106.07	0.00501	0.00	113.14	0.00450
-7.07	120.21	0.00407	-14.14	127.28	0.00370
120.21	-21.21	0.00292	113.14	-14.14	0.00321
106.07	-7.07	0.00354	98.99	0.00	0.00393
91.92	7.07	0.00437	84.85	14.14	0.00486
77.78	21.21	0.00541	70.71	28.28	0.00600
67.18	31.82	0.00633	63.64	35.36	0.00668
61.52	37.48	0.00693	60.10	38.89	0.00711
58.69	40.31	0.00732	57.28	41.72	0.00757
55.86	43.13	0.00788	43.13	55.86	0.00979
41.72	57.28	0.00954	40.31	58.69	0.00934
38.89	60.10	0.00915	37.48	61.52	0.00898

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

*** NCRA Cumulative DPM Impacts

20:31:55

**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	0.00829
28.28	70.71	0.00787	21.21	77.78	0.00703
14.14	84.85	0.00626	7.07	91.92	0.00558
0.00	98.99	0.00500	-7.07	106.07	0.00449
-14.14	113.14	0.00406	-21.21	120.21	0.00369
113.14	-28.28	0.00292	106.07	-21.21	0.00321
98.99	-14.14	0.00354	91.92	-7.07	0.00393
84.85	0.00	0.00436	77.78	7.07	0.00486
70.71	14.14	0.00540	63.64	21.21	0.00599
60.10	24.75	0.00632	56.57	28.28	0.00668
54.45	30.41	0.00692	53.03	31.82	0.00711
51.62	33.23	0.00732	50.20	34.65	0.00756
48.79	36.06	0.00787	36.06	48.79	0.00979
34.65	50.20	0.00954	33.23	51.62	0.00933
31.82	53.03	0.00914	30.41	54.45	0.00897
28.28	56.57	0.00871	24.75	60.10	0.00828
21.21	63.64	0.00785	14.14	70.71	0.00702
7.07	77.78	0.00625	0.00	84.85	0.00557
-7.07	91.92	0.00499	-14.14	98.99	0.00448
-21.21	106.07	0.00405	-28.28	113.14	0.00368
106.07	-35.36	0.00292	98.99	-28.28	0.00321
91.92	-21.21	0.00354	84.85	-14.14	0.00392
77.78	-7.07	0.00436	70.71	0.00	0.00485
63.64	7.07	0.00539	56.57	14.14	0.00598
53.03	17.68	0.00630	49.50	21.21	0.00666
47.38	23.33	0.00691	45.96	24.75	0.00709
44.55	26.16	0.00731	43.13	27.58	0.00756
41.72	28.99	0.00788	28.99	41.72	0.00978
27.58	43.13	0.00952	26.16	44.55	0.00931
24.75	45.96	0.00912	23.33	47.38	0.00895
21.21	49.50	0.00869	17.68	53.03	0.00827
14.14	56.57	0.00784	7.07	63.64	0.00700
0.00	70.71	0.00624	-7.07	77.78	0.00556
-14.14	84.85	0.00497	-21.21	91.92	0.00447

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00404	-35.36	106.07	0.00366
98.99	-42.43	0.00291	91.92	-35.36	0.00320
84.85	-28.28	0.00353	77.78	-21.21	0.00391
70.71	-14.14	0.00435	63.64	-7.07	0.00484
56.57	0.00	0.00538	49.50	7.07	0.00596
45.96	10.61	0.00629	42.43	14.14	0.00665

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

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

20:31:55

**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	0.00689	38.89	17.68	0.00707
37.48	19.09	0.00728	36.06	20.51	0.00755
34.65	21.92	0.00787	21.92	34.65	0.00976
20.51	36.06	0.00951	19.09	37.48	0.00929
17.68	38.89	0.00911	16.26	40.31	0.00893
14.14	42.43	0.00868	10.61	45.96	0.00825
7.07	49.50	0.00782	0.00	56.57	0.00699
-7.07	63.64	0.00622	-14.14	70.71	0.00554
-21.21	77.78	0.00496	-28.28	84.85	0.00445
-35.36	91.92	0.00402	-42.43	98.99	0.00365
91.92	-49.50	0.00291	84.85	-42.43	0.00319
77.78	-35.36	0.00352	70.71	-28.28	0.00390
63.64	-21.21	0.00434	56.57	-14.14	0.00482
49.50	-7.07	0.00536	42.43	0.00	0.00595
38.89	3.54	0.00627	35.36	7.07	0.00663
33.23	9.19	0.00687	31.82	10.61	0.00706
30.41	12.02	0.00727	28.99	13.44	0.00752
27.58	14.85	0.00785	14.85	27.58	0.00973
13.44	28.99	0.00948	12.02	30.41	0.00927
10.61	31.82	0.00909	9.19	33.23	0.00892
7.07	35.36	0.00866	3.54	38.89	0.00823
0.00	42.43	0.00780	-7.07	49.50	0.00697
-14.14	56.57	0.00620	-21.21	63.64	0.00553
-28.28	70.71	0.00494	-35.36	77.78	0.00443
-42.43	84.85	0.00400	-49.50	91.92	0.00363
84.85	-56.57	0.00290	77.78	-49.50	0.00318
70.71	-42.43	0.00351	63.64	-35.36	0.00389
56.57	-28.28	0.00432	49.50	-21.21	0.00481

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00534	35.36	-7.07	0.00593
31.82	-3.54	0.00625	28.28	0.00	0.00661
26.16	2.12	0.00685	24.75	3.54	0.00704
23.33	4.95	0.00725	21.92	6.36	0.00749
20.51	7.78	0.00782	7.78	20.51	0.00971
6.36	21.92	0.00946	4.95	23.33	0.00925
3.54	24.75	0.00907	2.12	26.16	0.00889
0.00	28.28	0.00863	-3.54	31.82	0.00820
-7.07	35.36	0.00778	-14.14	42.43	0.00695
-21.21	49.50	0.00618	-28.28	56.57	0.00550
-35.36	63.64	0.00492	-42.43	70.71	0.00441
-49.50	77.78	0.00398	-56.57	84.85	0.00360

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

20:31:55
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00289	70.71	-56.57	0.00317
63.64	-49.50	0.00350	56.57	-42.43	0.00387
49.50	-35.36	0.00430	42.43	-28.28	0.00479
35.36	-21.21	0.00532	28.28	-14.14	0.00591
24.75	-10.61	0.00623	21.21	-7.07	0.00658
19.09	-4.95	0.00683	17.68	-3.54	0.00701
16.26	-2.12	0.00722	14.85	-0.71	0.00747
13.44	0.71	0.00779	0.71	13.44	0.00969
-0.71	14.85	0.00944	-2.12	16.26	0.00923
-3.54	17.68	0.00904	-4.95	19.09	0.00886
-7.07	21.21	0.00861	-10.61	24.75	0.00818
-14.14	28.28	0.00776	-21.21	35.36	0.00692
-28.28	42.43	0.00616	-35.36	49.50	0.00548
-42.43	56.57	0.00489	-49.50	63.64	0.00439
-56.57	70.71	0.00395	-63.64	77.78	0.00358
70.71	-70.71	0.00287	63.64	-63.64	0.00316
56.57	-56.57	0.00348	49.50	-49.50	0.00386
42.43	-42.43	0.00428	35.36	-35.36	0.00476
28.28	-28.28	0.00530	21.21	-21.21	0.00588
17.68	-17.68	0.00620	14.14	-14.14	0.00656
12.02	-12.02	0.00680	10.61	-10.61	0.00698
9.19	-9.19	0.00719	7.78	-7.78	0.00744

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00776	-6.36	6.36	0.00966
-7.78	7.78	0.00941	-9.19	9.19	0.00920
-10.61	10.61	0.00901	-12.02	12.02	0.00884
-14.14	14.14	0.00858	-17.68	17.68	0.00816
-21.21	21.21	0.00773	-28.28	28.28	0.00689
-35.36	35.36	0.00613	-42.43	42.43	0.00545
-49.50	49.50	0.00486	-56.57	56.57	0.00436
-63.64	63.64	0.00393	-70.71	70.71	0.00355
63.64	-77.78	0.00286	56.57	-70.71	0.00314
49.50	-63.64	0.00346	42.43	-56.57	0.00384
35.36	-49.50	0.00426	28.28	-42.43	0.00474
21.21	-35.36	0.00527	14.14	-28.28	0.00586
10.61	-24.75	0.00618	7.07	-21.21	0.00653
4.95	-19.09	0.00677	3.54	-17.68	0.00695
2.12	-16.26	0.00716	0.71	-14.85	0.00741
-0.71	-13.44	0.00772	-13.44	-0.71	0.00963
-14.85	0.71	0.00938	-16.26	2.12	0.00917
-17.68	3.54	0.00898	-19.09	4.95	0.00881

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

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

20:31:55
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00855	-24.75	10.61	0.00812
-28.28	14.14	0.00770	-35.36	21.21	0.00686
-42.43	28.28	0.00610	-49.50	35.36	0.00542
-56.57	42.43	0.00483	-63.64	49.50	0.00433
-70.71	56.57	0.00389	-77.78	63.64	0.00352
56.57	-84.85	0.00284	49.50	-77.78	0.00312
42.43	-70.71	0.00344	35.36	-63.64	0.00381
28.28	-56.57	0.00423	21.21	-49.50	0.00471
14.14	-42.43	0.00524	7.07	-35.36	0.00582
3.54	-31.82	0.00614	0.00	-28.28	0.00650
-2.12	-26.16	0.00674	-3.54	-24.75	0.00692
-4.95	-23.33	0.00713	-6.36	-21.92	0.00738
-7.78	-20.51	0.00769	-20.51	-7.78	0.00959
-21.92	-6.36	0.00934	-23.33	-4.95	0.00914
-24.75	-3.54	0.00895	-26.16	-2.12	0.00877
-28.28	0.00	0.00852	-31.82	3.54	0.00809

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00766	-42.43	14.14	0.00683
-49.50	21.21	0.00606	-56.57	28.28	0.00538
-63.64	35.36	0.00480	-70.71	42.43	0.00429
-77.78	49.50	0.00386	-84.85	56.57	0.00349
49.50	-91.92	0.00282	42.43	-84.85	0.00310
35.36	-77.78	0.00342	28.28	-70.71	0.00379
21.21	-63.64	0.00421	14.14	-56.57	0.00468
7.07	-49.50	0.00521	0.00	-42.43	0.00579
-3.54	-38.89	0.00611	-7.07	-35.36	0.00646
-9.19	-33.23	0.00671	-10.61	-31.82	0.00689
-12.02	-30.41	0.00710	-13.44	-28.99	0.00734
-14.85	-27.58	0.00765	-27.58	-14.85	0.00956
-28.99	-13.44	0.00931	-30.41	-12.02	0.00910
-31.82	-10.61	0.00891	-33.23	-9.19	0.00873
-35.36	-7.07	0.00848	-38.89	-3.54	0.00805
-42.43	0.00	0.00762	-49.50	7.07	0.00679
-56.57	14.14	0.00602	-63.64	21.21	0.00534
-70.71	28.28	0.00476	-77.78	35.36	0.00425
-84.85	42.43	0.00382	-91.92	49.50	0.00345
42.43	-98.99	0.00279	35.36	-91.92	0.00307
28.28	-84.85	0.00339	21.21	-77.78	0.00376
14.14	-70.71	0.00417	7.07	-63.64	0.00465
0.00	-56.57	0.00517	-7.07	-49.50	0.00574
-10.61	-45.96	0.00606	-14.14	-42.43	0.00642

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

20:31:55
 **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	0.00666	-17.68	-38.89	0.00684
-19.09	-37.48	0.00706	-20.51	-36.06	0.00731
-21.92	-34.65	0.00763	-34.65	-21.92	0.00952
-36.06	-20.51	0.00926	-37.48	-19.09	0.00905
-38.89	-17.68	0.00886	-40.31	-16.26	0.00869
-42.43	-14.14	0.00843	-45.96	-10.61	0.00801
-49.50	-7.07	0.00758	-56.57	0.00	0.00674
-63.64	7.07	0.00598	-70.71	14.14	0.00530
-77.78	21.21	0.00472	-84.85	28.28	0.00421
-91.92	35.36	0.00378	-98.99	42.43	0.00340

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00277	28.28	-98.99	0.00304
21.21	-91.92	0.00336	14.14	-84.85	0.00372
7.07	-77.78	0.00414	0.00	-70.71	0.00461
-7.07	-63.64	0.00513	-14.14	-56.57	0.00570
-17.68	-53.03	0.00602	-21.21	-49.50	0.00637
-23.33	-47.38	0.00661	-24.75	-45.96	0.00679
-26.16	-44.55	0.00700	-27.58	-43.13	0.00726
-28.99	-41.72	0.00759	-41.72	-28.99	0.00946
-43.13	-27.58	0.00921	-44.55	-26.16	0.00900
-45.96	-24.75	0.00881	-47.38	-23.33	0.00864
-49.50	-21.21	0.00838	-53.03	-17.68	0.00795
-56.57	-14.14	0.00752	-63.64	-7.07	0.00669
-70.71	0.00	0.00593	-77.78	7.07	0.00525
-84.85	14.14	0.00467	-91.92	21.21	0.00416
-98.99	28.28	0.00373	-106.07	35.36	0.00335
28.28	-113.14	0.00274	21.21	-106.07	0.00301
14.14	-98.99	0.00333	7.07	-91.92	0.00369
0.00	-84.85	0.00410	-7.07	-77.78	0.00457
-14.14	-70.71	0.00508	-21.21	-63.64	0.00565
-24.75	-60.10	0.00597	-28.28	-56.57	0.00632
-30.41	-54.45	0.00656	-31.82	-53.03	0.00674
-33.23	-51.62	0.00695	-34.65	-50.20	0.00720
-36.06	-48.79	0.00752	-48.79	-36.06	0.00940
-50.20	-34.65	0.00915	-51.62	-33.23	0.00894
-53.03	-31.82	0.00876	-54.45	-30.41	0.00858
-56.57	-28.28	0.00833	-60.10	-24.75	0.00790
-63.64	-21.21	0.00747	-70.71	-14.14	0.00664
-77.78	-7.07	0.00587	-84.85	0.00	0.00520
-91.92	7.07	0.00461	-98.99	14.14	0.00411
-106.07	21.21	0.00367	-113.14	28.28	0.00330

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

20:31:55
 **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	-120.21	0.00270	14.14	-113.14	0.00298
7.07	-106.07	0.00329	0.00	-98.99	0.00365
-7.07	-91.92	0.00406	-14.14	-84.85	0.00452
-21.21	-77.78	0.00503	-28.28	-70.71	0.00560

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00591	-35.36	-63.64	0.00626
-37.48	-61.52	0.00650	-38.89	-60.10	0.00668
-40.31	-58.69	0.00689	-41.72	-57.28	0.00713
-43.13	-55.86	0.00745	-55.86	-43.13	0.00934
-57.28	-41.72	0.00909	-58.69	-40.31	0.00888
-60.10	-38.89	0.00870	-61.52	-37.48	0.00852
-63.64	-35.36	0.00826	-67.18	-31.82	0.00783
-70.71	-28.28	0.00741	-77.78	-21.21	0.00657
-84.85	-14.14	0.00581	-91.92	-7.07	0.00513
-98.99	0.00	0.00455	-106.07	7.07	0.00404
-113.14	14.14	0.00361	-120.21	21.21	0.00324
14.14	-127.28	0.00267	7.07	-120.21	0.00294
0.00	-113.14	0.00325	-7.07	-106.07	0.00360
-14.14	-98.99	0.00401	-21.21	-91.92	0.00447
-28.28	-84.85	0.00498	-35.36	-77.78	0.00554
-38.89	-74.25	0.00585	-42.43	-70.71	0.00619
-44.55	-68.59	0.00643	-45.96	-67.18	0.00661
-47.38	-65.76	0.00682	-48.79	-64.35	0.00706
-50.20	-62.93	0.00738	-62.93	-50.20	0.00927
-64.35	-48.79	0.00902	-65.76	-47.38	0.00881
-67.18	-45.96	0.00862	-68.59	-44.55	0.00844
-70.71	-42.43	0.00819	-74.25	-38.89	0.00776
-77.78	-35.36	0.00733	-84.85	-28.28	0.00650
-91.92	-21.21	0.00574	-98.99	-14.14	0.00506
-106.07	-7.07	0.00448	-113.14	0.00	0.00397
-120.21	7.07	0.00354	-127.28	14.14	0.00316
7.07	-134.35	0.00262	0.00	-127.28	0.00289
-7.07	-120.21	0.00320	-14.14	-113.14	0.00355
-21.21	-106.07	0.00396	-28.28	-98.99	0.00441
-35.36	-91.92	0.00491	-42.43	-84.85	0.00547
-45.96	-81.32	0.00577	-49.50	-77.78	0.00612
-51.62	-75.66	0.00635	-53.03	-74.25	0.00653
-54.45	-72.83	0.00674	-55.86	-71.42	0.00698
-57.28	-70.00	0.00729	-70.00	-57.28	0.00919
-71.42	-55.86	0.00893	-72.83	-54.45	0.00872
-74.25	-53.03	0.00854	-75.66	-51.62	0.00836

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

20:31:55
 **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 ***

18NCRA_SR03-300_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	0.00811	-81.32	-45.96	0.00768
-84.85	-42.43	0.00725	-91.92	-35.36	0.00642
-98.99	-28.28	0.00566	-106.07	-21.21	0.00498
-113.14	-14.14	0.00440	-120.21	-7.07	0.00389
-127.28	0.00	0.00346	-134.35	7.07	0.00308
0.00	-141.42	0.00258	-7.07	-134.35	0.00284
-14.14	-127.28	0.00315	-21.21	-120.21	0.00350
-28.28	-113.14	0.00389	-35.36	-106.07	0.00434
-42.43	-98.99	0.00484	-49.50	-91.92	0.00539
-53.03	-88.39	0.00569	-56.57	-84.85	0.00603
-58.69	-82.73	0.00627	-60.10	-81.32	0.00644
-61.52	-79.90	0.00665	-62.93	-78.49	0.00689
-64.35	-77.07	0.00720	-77.07	-64.35	0.00909
-78.49	-62.93	0.00884	-79.90	-61.52	0.00863
-81.32	-60.10	0.00844	-82.73	-58.69	0.00827
-84.85	-56.57	0.00801	-88.39	-53.03	0.00759
-91.92	-49.50	0.00716	-98.99	-42.43	0.00633
-106.07	-35.36	0.00556	-113.14	-28.28	0.00489
-120.21	-21.21	0.00430	-127.28	-14.14	0.00380
-134.35	-7.07	0.00336	-141.42	0.00	0.00299
-7.07	-148.49	0.00253	-14.14	-141.42	0.00279
-21.21	-134.35	0.00309	-28.28	-127.28	0.00343
-35.36	-120.21	0.00383	-42.43	-113.14	0.00427
-49.50	-106.07	0.00476	-56.57	-98.99	0.00530
-60.10	-95.46	0.00560	-63.64	-91.92	0.00594
-65.76	-89.80	0.00617	-67.18	-88.39	0.00634
-68.59	-86.97	0.00655	-70.00	-85.56	0.00679
-71.42	-84.15	0.00709	-84.15	-71.42	0.00898
-85.56	-70.00	0.00873	-86.97	-68.59	0.00852
-88.39	-67.18	0.00834	-89.80	-65.76	0.00816
-91.92	-63.64	0.00790	-95.46	-60.10	0.00748
-98.99	-56.57	0.00705	-106.07	-49.50	0.00622
-113.14	-42.43	0.00545	-120.21	-35.36	0.00478
-127.28	-28.28	0.00419	-134.35	-21.21	0.00369
-141.42	-14.14	0.00326	-148.49	-7.07	0.00289
-14.14	-155.56	0.00247	-21.21	-148.49	0.00272
-28.28	-141.42	0.00302	-35.36	-134.35	0.00336
-42.43	-127.28	0.00375	-49.50	-120.21	0.00419
-56.57	-113.14	0.00467	-63.64	-106.07	0.00520
-67.18	-102.53	0.00549	-70.71	-98.99	0.00582

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

*** NCRA Cumulative DPM Impacts

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

20:31:55
 **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	0.00606	-74.25	-95.46	0.00623
-75.66	-94.05	0.00643	-77.07	-92.63	0.00667
-78.49	-91.22	0.00697	-91.22	-78.49	0.00886
-92.63	-77.07	0.00861	-94.05	-75.66	0.00840
-95.46	-74.25	0.00821	-96.87	-72.83	0.00804
-98.99	-70.71	0.00778	-102.53	-67.18	0.00735
-106.07	-63.64	0.00692	-113.14	-56.57	0.00609
-120.21	-49.50	0.00533	-127.28	-42.43	0.00465
-134.35	-35.36	0.00407	-141.42	-28.28	0.00356
-148.49	-21.21	0.00313	-155.56	-14.14	0.00277
-21.21	-162.63	0.00241	-28.28	-155.56	0.00266
-35.36	-148.49	0.00294	-42.43	-141.42	0.00328
-49.50	-134.35	0.00366	-56.57	-127.28	0.00409
-63.64	-120.21	0.00457	-70.71	-113.14	0.00508
-74.25	-109.60	0.00537	-77.78	-106.07	0.00569
-79.90	-103.94	0.00592	-81.32	-102.53	0.00609
-82.73	-101.12	0.00630	-84.15	-99.70	0.00654
-85.56	-98.29	0.00685	-98.29	-85.56	0.00871
-99.70	-84.15	0.00846	-101.12	-82.73	0.00824
-102.53	-81.32	0.00806	-103.94	-79.90	0.00788
-106.07	-77.78	0.00763	-109.60	-74.25	0.00720
-113.14	-70.71	0.00677	-120.21	-63.64	0.00594
-127.28	-56.57	0.00518	-134.35	-49.50	0.00450
-141.42	-42.43	0.00391	-148.49	-35.36	0.00342
-155.56	-28.28	0.00299	-162.63	-21.21	0.00263
-28.28	-169.71	0.00235	-35.36	-162.63	0.00259
-42.43	-155.56	0.00286	-49.50	-148.49	0.00319
-56.57	-141.42	0.00356	-63.64	-134.35	0.00399
-70.71	-127.28	0.00445	-77.78	-120.21	0.00495
-81.32	-116.67	0.00523	-84.85	-113.14	0.00554
-86.97	-111.02	0.00576	-88.39	-109.60	0.00593
-89.80	-108.19	0.00612	-91.22	-106.77	0.00637
-92.63	-105.36	0.00669	-105.36	-92.63	0.00853
-106.77	-91.22	0.00828	-108.19	-89.80	0.00806
-109.60	-88.39	0.00788	-111.02	-86.97	0.00770
-113.14	-84.85	0.00745	-116.67	-81.32	0.00702

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00659	-127.28	-70.71	0.00576
-134.35	-63.64	0.00500	-141.42	-56.57	0.00432
-148.49	-49.50	0.00374	-155.56	-42.43	0.00324
-162.63	-35.36	0.00282	-169.71	-28.28	0.00247

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

20:31:55
 **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	0.00228	-42.43	-169.71	0.00251
-49.50	-162.63	0.00278	-56.57	-155.56	0.00309
-63.64	-148.49	0.00345	-70.71	-141.42	0.00386
-77.78	-134.35	0.00431	-84.85	-127.28	0.00480
-88.39	-123.74	0.00506	-91.92	-120.21	0.00536
-94.05	-118.09	0.00558	-95.46	-116.67	0.00574
-96.87	-115.26	0.00593	-98.29	-113.84	0.00617
-99.70	-112.43	0.00648	-112.43	-99.70	0.00831
-113.84	-98.29	0.00805	-115.26	-96.87	0.00785
-116.67	-95.46	0.00766	-118.09	-94.05	0.00749
-120.21	-91.92	0.00723	-123.74	-88.39	0.00680
-127.28	-84.85	0.00637	-134.35	-77.78	0.00554
-141.42	-70.71	0.00478	-148.49	-63.64	0.00410
-155.56	-56.57	0.00352	-162.63	-49.50	0.00304
-169.71	-42.43	0.00263	-176.78	-35.36	0.00229
-42.43	-183.85	0.00219	-49.50	-176.78	0.00242
-56.57	-169.71	0.00268	-63.64	-162.63	0.00298
-70.71	-155.56	0.00332	-77.78	-148.49	0.00371
-84.85	-141.42	0.00415	-91.92	-134.35	0.00462
-95.46	-130.81	0.00487	-98.99	-127.28	0.00515
-101.12	-125.16	0.00535	-102.53	-123.74	0.00551
-103.94	-122.33	0.00570	-105.36	-120.92	0.00592
-106.77	-119.50	0.00622	-119.50	-106.77	0.00804
-120.92	-105.36	0.00779	-122.33	-103.94	0.00758
-123.74	-102.53	0.00740	-125.16	-101.12	0.00722
-127.28	-98.99	0.00696	-130.81	-95.46	0.00653
-134.35	-91.92	0.00611	-141.42	-84.85	0.00527
-148.49	-77.78	0.00450	-155.56	-70.71	0.00383
-162.63	-63.64	0.00327	-169.71	-56.57	0.00279
-176.78	-49.50	0.00241	-183.85	-42.43	0.00209

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00210	-56.57	-183.85	0.00232
-63.64	-176.78	0.00257	-70.71	-169.71	0.00285
-77.78	-162.63	0.00318	-84.85	-155.56	0.00355
-91.92	-148.49	0.00396	-98.99	-141.42	0.00441
-102.53	-137.89	0.00464	-106.07	-134.35	0.00491
-108.19	-132.23	0.00509	-109.60	-130.81	0.00524
-111.02	-129.40	0.00541	-112.43	-127.99	0.00563
-113.84	-126.57	0.00592	-126.57	-113.84	0.00771
-127.99	-112.43	0.00745	-129.40	-111.02	0.00725
-130.81	-109.60	0.00706	-132.23	-108.19	0.00688

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

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

20:31:55
 **MODELOPTs:
 PAGE 139

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	0.00662	-137.89	-102.53	0.00620
-141.42	-98.99	0.00576	-148.49	-91.92	0.00492
-155.56	-84.85	0.00416	-162.63	-77.78	0.00350
-169.71	-70.71	0.00296	-176.78	-63.64	0.00252
-183.85	-56.57	0.00216	-190.92	-49.50	0.00188
-56.57	-197.99	0.00199	-63.64	-190.92	0.00219
-70.71	-183.85	0.00243	-77.78	-176.78	0.00271
-84.85	-169.71	0.00302	-91.92	-162.63	0.00336
-98.99	-155.56	0.00374	-106.07	-148.49	0.00415
-109.60	-144.96	0.00437	-113.14	-141.42	0.00461
-115.26	-139.30	0.00478	-116.67	-137.89	0.00491
-118.09	-136.47	0.00507	-119.50	-135.06	0.00527
-120.92	-133.64	0.00554	-133.64	-120.92	0.00728
-135.06	-119.50	0.00702	-136.47	-118.09	0.00681
-137.89	-116.67	0.00662	-139.30	-115.26	0.00644
-141.42	-113.14	0.00619	-144.96	-109.60	0.00575
-148.49	-106.07	0.00531	-155.56	-98.99	0.00447
-162.63	-91.92	0.00372	-169.71	-84.85	0.00310
-176.78	-77.78	0.00260	-183.85	-70.71	0.00221
-190.92	-63.64	0.00190	-197.99	-56.57	0.00165
-63.64	-205.06	0.00187	-70.71	-197.99	0.00205
-77.78	-190.92	0.00227	-84.85	-183.85	0.00253
-91.92	-176.78	0.00282	-98.99	-169.71	0.00315
-106.07	-162.63	0.00349	-113.14	-155.56	0.00385

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00404	-120.21	-148.49	0.00426
-122.33	-146.37	0.00440	-123.74	-144.96	0.00452
-125.16	-143.54	0.00465	-126.57	-142.13	0.00483
-127.99	-140.71	0.00507	-140.71	-127.99	0.00671
-142.13	-126.57	0.00645	-143.54	-125.16	0.00624
-144.96	-123.74	0.00605	-146.37	-122.33	0.00587
-148.49	-120.21	0.00560	-152.03	-116.67	0.00515
-155.56	-113.14	0.00470	-162.63	-106.07	0.00387
-169.71	-98.99	0.00317	-176.78	-91.92	0.00263
-183.85	-84.85	0.00221	-190.92	-77.78	0.00188
-197.99	-70.71	0.00162	-205.06	-63.64	0.00142
-70.71	-212.13	0.00174	-77.78	-205.06	0.00190
-84.85	-197.99	0.00210	-91.92	-190.92	0.00232
-98.99	-183.85	0.00258	-106.07	-176.78	0.00288
-113.14	-169.71	0.00319	-120.21	-162.63	0.00350
-123.74	-159.10	0.00365	-127.28	-155.56	0.00382

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

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

20:31:55

**MODELOPTs:
 PAGE 140

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	0.00394	-130.81	-152.03	0.00403
-132.23	-150.61	0.00414	-133.64	-149.20	0.00429
-135.06	-147.79	0.00449	-147.79	-135.06	0.00592
-149.20	-133.64	0.00565	-150.61	-132.23	0.00543
-152.03	-130.81	0.00523	-153.44	-129.40	0.00504
-155.56	-127.28	0.00475	-159.10	-123.74	0.00428
-162.63	-120.21	0.00384	-169.71	-113.14	0.00310
-176.78	-106.07	0.00254	-183.85	-98.99	0.00212
-190.92	-91.92	0.00180	-197.99	-84.85	0.00154
-205.06	-77.78	0.00135	-212.13	-70.71	0.00119
-77.78	-219.20	0.00159	-84.85	-212.13	0.00174
-91.92	-205.06	0.00190	-98.99	-197.99	0.00210
-106.07	-190.92	0.00231	-113.14	-183.85	0.00256
-120.21	-176.78	0.00281	-127.28	-169.71	0.00307
-130.81	-166.17	0.00320	-134.35	-162.63	0.00332
-136.47	-160.51	0.00339	-137.89	-159.10	0.00345
-139.30	-157.68	0.00352	-140.71	-156.27	0.00362
-142.13	-154.86	0.00376	-154.86	-142.13	0.00473

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-156.27	-140.71	0.00443	-157.68	-139.30	0.00418
-159.10	-137.89	0.00396	-160.51	-136.47	0.00375
-162.63	-134.35	0.00347	-166.17	-130.81	0.00307
-169.71	-127.28	0.00275	-176.78	-120.21	0.00225
-183.85	-113.14	0.00189	-190.92	-106.07	0.00161
-197.99	-98.99	0.00140	-205.06	-91.92	0.00123
-212.13	-84.85	0.00109	-219.20	-77.78	0.00098
-84.85	-226.27	0.00143	-91.92	-219.20	0.00155
-98.99	-212.13	0.00168	-106.07	-205.06	0.00183
-113.14	-197.99	0.00200	-120.21	-190.92	0.00218
-127.28	-183.85	0.00236	-134.35	-176.78	0.00252
-137.89	-173.24	0.00259	-141.42	-169.71	0.00264
-143.54	-167.58	0.00268	-144.96	-166.17	0.00270
-146.37	-164.76	0.00273	-147.79	-163.34	0.00278
-149.20	-161.93	0.00285	-161.93	-149.20	0.00262
-163.34	-147.79	0.00238	-164.76	-146.37	0.00222
-166.17	-144.96	0.00210	-167.58	-143.54	0.00201
-169.71	-141.42	0.00190	-173.24	-137.89	0.00177
-176.78	-134.35	0.00166	-183.85	-127.28	0.00147
-190.92	-120.21	0.00131	-197.99	-113.14	0.00117
-205.06	-106.07	0.00105	-212.13	-98.99	0.00095
-219.20	-91.92	0.00086	-226.27	-84.85	0.00079

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

20:31:55

**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
-91.92	-233.35	0.00126	-98.99	-226.27	0.00135
-106.07	-219.20	0.00144	-113.14	-212.13	0.00155
-120.21	-205.06	0.00165	-127.28	-197.99	0.00175
-134.35	-190.92	0.00183	-141.42	-183.85	0.00185
-144.96	-180.31	0.00183	-148.49	-176.78	0.00178
-150.61	-174.66	0.00173	-152.03	-173.24	0.00169
-153.44	-171.83	0.00163	-154.86	-170.41	0.00157
-156.27	-169.00	0.00150	-169.00	-156.27	0.00102
-170.41	-154.86	0.00101	-171.83	-153.44	0.00101
-173.24	-152.03	0.00101	-174.66	-150.61	0.00101
-176.78	-148.49	0.00101	-180.31	-144.96	0.00101
-183.85	-141.42	0.00100	-190.92	-134.35	0.00096

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00091	-205.06	-120.21	0.00085
-212.13	-113.14	0.00080	-219.20	-106.07	0.00074
-226.27	-98.99	0.00069	-233.35	-91.92	0.00064
-98.99	-240.42	0.00110	-106.07	-233.35	0.00116
-113.14	-226.27	0.00122	-120.21	-219.20	0.00129
-127.28	-212.13	0.00134	-134.35	-205.06	0.00138
-141.42	-197.99	0.00139	-148.49	-190.92	0.00135
-152.03	-187.38	0.00130	-155.56	-183.85	0.00122
-157.68	-181.73	0.00117	-159.10	-180.31	0.00113
-160.51	-178.90	0.00109	-161.93	-177.48	0.00105
-163.34	-176.07	0.00100	-176.07	-163.34	0.00079
-177.48	-161.93	0.00079	-178.90	-160.51	0.00079
-180.31	-159.10	0.00078	-181.73	-157.68	0.00078
-183.85	-155.56	0.00077	-187.38	-152.03	0.00077
-190.92	-148.49	0.00076	-197.99	-141.42	0.00074
-205.06	-134.35	0.00071	-212.13	-127.28	0.00068
-219.20	-120.21	0.00064	-226.27	-113.14	0.00061
-233.35	-106.07	0.00057	-240.42	-98.99	0.00054
-106.07	-247.49	0.00096	-113.14	-240.42	0.00100
-120.21	-233.35	0.00104	-127.28	-226.27	0.00107
-134.35	-219.20	0.00110	-141.42	-212.13	0.00110
-148.49	-205.06	0.00108	-155.56	-197.99	0.00102
-159.10	-194.45	0.00098	-162.63	-190.92	0.00092
-164.76	-188.80	0.00088	-166.17	-187.38	0.00086
-167.58	-185.97	0.00083	-169.00	-184.55	0.00080
-170.41	-183.14	0.00078	-183.14	-170.41	0.00066
-184.55	-169.00	0.00066	-185.97	-167.58	0.00066
-187.38	-166.17	0.00066	-188.80	-164.76	0.00065

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

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

20:31:55
 **MODELOPTs:
 PAGE 142

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	0.00065	-194.45	-159.10	0.00063
-197.99	-155.56	0.00062	-205.06	-148.49	0.00060
-212.13	-141.42	0.00058	-219.20	-134.35	0.00056
-226.27	-127.28	0.00054	-233.35	-120.21	0.00052
-240.42	-113.14	0.00049	-247.49	-106.07	0.00047

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

04/18/08

18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound

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

20:31:55

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00754 AT (-105.36, -92.63, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00753 AT (-112.43, -99.70, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00740 AT (-119.50, -106.77, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (-113.84, -98.29, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00729 AT (-106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00716 AT (-126.57, -113.84, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00715 AT (-120.92, -105.36, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00708 AT (-115.26, -96.87, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00707 AT (-108.19, -89.80, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 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	0.00753 AT (-48.79, -36.06, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00740 AT (-55.86, -43.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (-50.20, -34.65, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00729 AT (-43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00716 AT (-62.93, -50.20, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00715 AT (-57.28, -41.72, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00708 AT (-51.62, -33.23, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00707 AT (-44.55, -26.16, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 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	0.00753 AT (14.85, 27.58, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00740 AT (7.78, 20.51, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00729 AT (13.44, 28.99, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00729 AT (20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00716 AT (0.71, 13.44, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00715 AT (6.36, 21.92, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00708 AT (12.02, 30.41, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00707 AT (19.09, 37.48, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 AT (4.95, 23.33, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/18/08

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

20:31:55

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00754 AT (85.56, 98.29, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00753 AT (78.49, 91.22, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00740 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	0.00728 AT (77.07, 92.63, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00716 AT (64.35, 77.07, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00715 AT (70.00, 85.56, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00708 AT (75.66, 94.05, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00707 AT (82.73, 101.12, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 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	0.00753 AT (142.13, 154.86, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00740 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	0.00728 AT (140.71, 156.27, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00716 AT (127.99, 140.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00715 AT (133.64, 149.20, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00708 AT (139.30, 157.68, 0.00, 1.20)	DC	NA

		18NCRA_SR03-300_DPM_TRAV_ANN_NE-SW Bound							
	9TH HIGHEST VALUE IS	0.00707	AT (	146.37,	164.76,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694	AT (	132.23,	150.61,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00981	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00981	AT (	57.28,	70.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00981	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00980	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00980	AT (	50.20,	62.93,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00980	AT (	85.56,	98.29,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00979	AT (	43.13,	55.86,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00979	AT (	36.06,	48.79,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00978	AT (	92.63,	105.36,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00978	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 ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:31:55

**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 13 Informational Message(s)
 A Total of 13 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
