

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 20:46:51

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\20NCRA_SR05-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

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

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

RE STARTING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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RE DISCCART -70.71 0.0 1.2
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RE DISCCART -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
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RE DISCCART -24.75 -60.1 1.2
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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
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RE DISCCART	-40.31	-58.69	1.2
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RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-45.96	-67.18	1.2
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RE DISCCART	-50.2	-62.93	1.2
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RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-70.71	-42.43	1.2

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RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-127.28	1.2
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RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-84.85	1.2
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RE DISCCART	-51.62	-75.66	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
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RE DISCCART	-14.14	-127.28	1.2
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RE DISCCART	-28.28	-113.14	1.2

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RE DISCCART	-61.52	-79.9	1.2
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RE DISCCART	-81.32	-60.1	1.2
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RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-91.92	-49.5	1.2
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RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-141.42	0.0	1.2
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RE DISCCART	-14.14	-141.42	1.2
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RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-49.5	-106.07	1.2
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RE DISCCART	-56.57	-113.14	1.2
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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

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RE DISCCART	-56.57	-127.28	1.2
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RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-81.32	-102.53	1.2
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RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-113.14	-70.71	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
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RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-81.32	-116.67	1.2
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	-111.02	-86.97	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-120.21	-77.78	1.2
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RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-35.36	-176.78	1.2
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RE DISCCART	-56.57	-155.56	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
RE DISCCART	-94.05	-118.09	1.2
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RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-112.43	-99.7	1.2
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RE DISCCART	-115.26	-96.87	1.2
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RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-134.35	-77.78	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-42.43	-183.85	1.2

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

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

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
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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
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RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-132.23	-150.61	1.2

RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-150.61	-132.23	1.2
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RE DISCCART	-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
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RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-140.71	-156.27	1.2
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RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-160.51	-136.47	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-197.99	-98.99	1.2

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-141.42	-169.71	1.2
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
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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	-113.14	-226.27	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-178.9	-160.51	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-205.06	-134.35	1.2

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros05300.asc"

ME ANEMHGHT 10 METERS

ME SURFDATA 9902 2005

ME UAIRDATA 9902 2005

ME STARTEND 2005 01 01 1 2005 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\20NCRA_SR05-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\20NCRA_SR05-300_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 ***

20:46:52

**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\20NCRA-1.DAT

20NCRA_SR05-300_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

20:46:52

**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);

20NCRA_SR05-300_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 ***

20:46:52

**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);

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52
 **MODELOPTs:
 PAGE 7
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:46:52
 **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);

20NCRA_SR05-300_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 ***

20:46:52
**MODELOPTs:
PAGE 9

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);

20NCRA_SR05-300_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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

20NCRA_SR05-300_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);

20NCRA_SR05-300_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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_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 ***

20:46:52

**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);

20NCRA_SR05-300_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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CONC URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_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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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);

20NCRA_SR05-300_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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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);

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_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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CONC 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);

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **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);

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/18/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

20NCRA_SR05-300_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)
05	01	01	01	259.0	1.00	278.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	02	304.4	1.00	277.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	03	118.0	1.00	276.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	04	118.9	1.16	275.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	05	178.7	1.34	276.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	06	277.5	1.39	276.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	07	137.2	1.07	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	08	242.1	1.03	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	09	123.5	1.21	276.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	10	178.1	1.16	278.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	11	292.0	2.28	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	12	358.2	3.22	283.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	13	7.7	2.77	282.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	14	7.0	3.89	284.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	15	67.5	4.02	283.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	16	25.5	2.46	283.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	17	349.9	1.70	283.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	18	341.4	2.55	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	19	326.7	2.32	280.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	20	334.6	1.61	279.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	21	178.1	1.61	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	22	269.8	2.24	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	23	222.7	1.12	279.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	24	143.7	1.61	279.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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

04/18/08

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

20:46:52

**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	0.00009	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	0.00009	197.99	155.56	0.00009
194.45	159.10	0.00009	190.92	162.63	0.00009
188.80	164.76	0.00009	187.38	166.17	0.00009
185.97	167.58	0.00009	184.55	169.00	0.00009
183.14	170.41	0.00009	170.41	183.14	0.00009
169.00	184.55	0.00009	167.58	185.97	0.00009
166.17	187.38	0.00009	164.76	188.80	0.00009
162.63	190.92	0.00009	159.10	194.45	0.00009
155.56	197.99	0.00009	148.49	205.06	0.00010
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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

212.13	127.28	0.00009	205.06	134.35	0.00009
197.99	141.42	0.00009	190.92	148.49	0.00009
187.38	152.03	0.00009	183.85	155.56	0.00009
181.73	157.68	0.00009	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	0.00010
180.31	144.96	0.00010	176.78	148.49	0.00010
174.66	150.61	0.00010	173.24	152.03	0.00010
171.83	153.44	0.00010	170.41	154.86	0.00010
169.00	156.27	0.00010	156.27	169.00	0.00010
154.86	170.41	0.00010	153.44	171.83	0.00010
152.03	173.24	0.00010	150.61	174.66	0.00010

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

20:46:52
 **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	0.00010	144.96	180.31	0.00010
141.42	183.85	0.00010	134.35	190.92	0.00010
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	0.00010	91.92	233.35	0.00010
226.27	84.85	0.00010	219.20	91.92	0.00010
212.13	98.99	0.00010	205.06	106.07	0.00010
197.99	113.14	0.00010	190.92	120.21	0.00010
183.85	127.28	0.00010	176.78	134.35	0.00010
173.24	137.89	0.00010	169.71	141.42	0.00010
167.58	143.54	0.00010	166.17	144.96	0.00010

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **MODELOPTS:
 PAGE 25
 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	0.00011	152.03	130.81	0.00011
150.61	132.23	0.00011	149.20	133.64	0.00011
147.79	135.06	0.00012	135.06	147.79	0.00012
133.64	149.20	0.00012	132.23	150.61	0.00012
130.81	152.03	0.00012	129.40	153.44	0.00012

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:46:52
 **MODELOPTs:
 PAGE 26
 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 **

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound
CONC

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

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**MODELOPTS:

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

79.90	61.52	0.00020	78.49	62.93	0.00020
77.07	64.35	0.00020	64.35	77.07	0.00021
62.93	78.49	0.00021	61.52	79.90	0.00021
60.10	81.32	0.00021	58.69	82.73	0.00021
56.57	84.85	0.00021	53.03	88.39	0.00021
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	0.00021	14.14	127.28	0.00021
7.07	134.35	0.00021	0.00	141.42	0.00021

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

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

20:46:52

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00019	127.28	0.00	0.00020
120.21	7.07	0.00020	113.14	14.14	0.00020
106.07	21.21	0.00021	98.99	28.28	0.00021
91.92	35.36	0.00021	84.85	42.43	0.00021
81.32	45.96	0.00021	77.78	49.50	0.00022
75.66	51.62	0.00022	74.25	53.03	0.00022
72.83	54.45	0.00022	71.42	55.86	0.00022
70.00	57.28	0.00022	57.28	70.00	0.00022
55.86	71.42	0.00023	54.45	72.83	0.00023
53.03	74.25	0.00023	51.62	75.66	0.00023
49.50	77.78	0.00023	45.96	81.32	0.00023
42.43	84.85	0.00023	35.36	91.92	0.00023
28.28	98.99	0.00023	21.21	106.07	0.00023
14.14	113.14	0.00023	7.07	120.21	0.00023
0.00	127.28	0.00023	-7.07	134.35	0.00023
127.28	-14.14	0.00020	120.21	-7.07	0.00021
113.14	0.00	0.00021	106.07	7.07	0.00022
98.99	14.14	0.00022	91.92	21.21	0.00022
84.85	28.28	0.00023	77.78	35.36	0.00023
74.25	38.89	0.00023	70.71	42.43	0.00023
68.59	44.55	0.00023	67.18	45.96	0.00023
65.76	47.38	0.00023	64.35	48.79	0.00023
62.93	50.20	0.00023	50.20	62.93	0.00024
48.79	64.35	0.00024	47.38	65.76	0.00024
45.96	67.18	0.00024	44.55	68.59	0.00024

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00026	31.82	67.18	0.00027
28.28	70.71	0.00027	21.21	77.78	0.00027
14.14	84.85	0.00027	7.07	91.92	0.00027
0.00	98.99	0.00027	-7.07	106.07	0.00026
-14.14	113.14	0.00026	-21.21	120.21	0.00026
113.14	-28.28	0.00023	106.07	-21.21	0.00024
98.99	-14.14	0.00024	91.92	-7.07	0.00025
84.85	0.00	0.00025	77.78	7.07	0.00026
70.71	14.14	0.00026	63.64	21.21	0.00027
60.10	24.75	0.00027	56.57	28.28	0.00027
54.45	30.41	0.00027	53.03	31.82	0.00027
51.62	33.23	0.00027	50.20	34.65	0.00027
48.79	36.06	0.00027	36.06	48.79	0.00028
34.65	50.20	0.00028	33.23	51.62	0.00028
31.82	53.03	0.00028	30.41	54.45	0.00029
28.28	56.57	0.00029	24.75	60.10	0.00029
21.21	63.64	0.00029	14.14	70.71	0.00029
7.07	77.78	0.00029	0.00	84.85	0.00029
-7.07	91.92	0.00029	-14.14	98.99	0.00029

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00032	38.89	17.68	0.00032
37.48	19.09	0.00032	36.06	20.51	0.00032
34.65	21.92	0.00032	21.92	34.65	0.00033
20.51	36.06	0.00033	19.09	37.48	0.00034
17.68	38.89	0.00034	16.26	40.31	0.00034
14.14	42.43	0.00034	10.61	45.96	0.00034
7.07	49.50	0.00034	0.00	56.57	0.00034
-7.07	63.64	0.00034	-14.14	70.71	0.00034
-21.21	77.78	0.00034	-28.28	84.85	0.00034
-35.36	91.92	0.00033	-42.43	98.99	0.00033
91.92	-49.50	0.00028	84.85	-42.43	0.00029
77.78	-35.36	0.00030	70.71	-28.28	0.00031
63.64	-21.21	0.00032	56.57	-14.14	0.00033

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00033	42.43	0.00	0.00034
38.89	3.54	0.00034	35.36	7.07	0.00035
33.23	9.19	0.00035	31.82	10.61	0.00035
30.41	12.02	0.00035	28.99	13.44	0.00035
27.58	14.85	0.00035	14.85	27.58	0.00036
13.44	28.99	0.00037	12.02	30.41	0.00037
10.61	31.82	0.00037	9.19	33.23	0.00037
7.07	35.36	0.00037	3.54	38.89	0.00037
0.00	42.43	0.00037	-7.07	49.50	0.00037
-14.14	56.57	0.00037	-21.21	63.64	0.00037
-28.28	70.71	0.00037	-35.36	77.78	0.00037
-42.43	84.85	0.00037	-49.50	91.92	0.00036
84.85	-56.57	0.00030	77.78	-49.50	0.00031
70.71	-42.43	0.00033	63.64	-35.36	0.00034
56.57	-28.28	0.00035	49.50	-21.21	0.00036
42.43	-14.14	0.00037	35.36	-7.07	0.00037
31.82	-3.54	0.00038	28.28	0.00	0.00038
26.16	2.12	0.00038	24.75	3.54	0.00038
23.33	4.95	0.00038	21.92	6.36	0.00038
20.51	7.78	0.00039	7.78	20.51	0.00040
6.36	21.92	0.00040	4.95	23.33	0.00040
3.54	24.75	0.00040	2.12	26.16	0.00041
0.00	28.28	0.00041	-3.54	31.82	0.00041
-7.07	35.36	0.00041	-14.14	42.43	0.00041
-21.21	49.50	0.00041	-28.28	56.57	0.00041
-35.36	63.64	0.00040	-42.43	70.71	0.00040
-49.50	77.78	0.00040	-56.57	84.85	0.00040

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

20:46:52
 **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	0.00032	70.71	-56.57	0.00034
63.64	-49.50	0.00035	56.57	-42.43	0.00037
49.50	-35.36	0.00038	42.43	-28.28	0.00039
35.36	-21.21	0.00040	28.28	-14.14	0.00041
24.75	-10.61	0.00041	21.21	-7.07	0.00042
19.09	-4.95	0.00042	17.68	-3.54	0.00042
16.26	-2.12	0.00042	14.85	-0.71	0.00042

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00042	0.71	13.44	0.00044
-0.71	14.85	0.00044	-2.12	16.26	0.00045
-3.54	17.68	0.00045	-4.95	19.09	0.00045
-7.07	21.21	0.00045	-10.61	24.75	0.00045
-14.14	28.28	0.00045	-21.21	35.36	0.00045
-28.28	42.43	0.00045	-35.36	49.50	0.00045
-42.43	56.57	0.00045	-49.50	63.64	0.00044
-56.57	70.71	0.00044	-63.64	77.78	0.00044
70.71	-70.71	0.00034	63.64	-63.64	0.00036
56.57	-56.57	0.00038	49.50	-49.50	0.00040
42.43	-42.43	0.00042	35.36	-35.36	0.00043
28.28	-28.28	0.00044	21.21	-21.21	0.00045
17.68	-17.68	0.00046	14.14	-14.14	0.00046
12.02	-12.02	0.00046	10.61	-10.61	0.00046
9.19	-9.19	0.00047	7.78	-7.78	0.00047
6.36	-6.36	0.00047	-6.36	6.36	0.00049
-7.78	7.78	0.00049	-9.19	9.19	0.00050
-10.61	10.61	0.00050	-12.02	12.02	0.00050
-14.14	14.14	0.00050	-17.68	17.68	0.00050
-21.21	21.21	0.00050	-28.28	28.28	0.00050
-35.36	35.36	0.00050	-42.43	42.43	0.00050
-49.50	49.50	0.00049	-56.57	56.57	0.00049
-63.64	63.64	0.00049	-70.71	70.71	0.00049
63.64	-77.78	0.00036	56.57	-70.71	0.00038
49.50	-63.64	0.00041	42.43	-56.57	0.00044
35.36	-49.50	0.00046	28.28	-42.43	0.00048
21.21	-35.36	0.00049	14.14	-28.28	0.00050
10.61	-24.75	0.00051	7.07	-21.21	0.00051
4.95	-19.09	0.00052	3.54	-17.68	0.00052
2.12	-16.26	0.00052	0.71	-14.85	0.00052
-0.71	-13.44	0.00052	-13.44	-0.71	0.00055
-14.85	0.71	0.00055	-16.26	2.12	0.00055
-17.68	3.54	0.00056	-19.09	4.95	0.00056

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

20:46:52
 **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	0.00056	-24.75	10.61	0.00056

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00056	-35.36	21.21	0.00056
-42.43	28.28	0.00056	-49.50	35.36	0.00055
-56.57	42.43	0.00055	-63.64	49.50	0.00055
-70.71	56.57	0.00055	-77.78	63.64	0.00055
56.57	-84.85	0.00038	49.50	-77.78	0.00041
42.43	-70.71	0.00044	35.36	-63.64	0.00048
28.28	-56.57	0.00050	21.21	-49.50	0.00053
14.14	-42.43	0.00055	7.07	-35.36	0.00056
3.54	-31.82	0.00057	0.00	-28.28	0.00057
-2.12	-26.16	0.00058	-3.54	-24.75	0.00058
-4.95	-23.33	0.00058	-6.36	-21.92	0.00058
-7.78	-20.51	0.00059	-20.51	-7.78	0.00062
-21.92	-6.36	0.00062	-23.33	-4.95	0.00062
-24.75	-3.54	0.00063	-26.16	-2.12	0.00063
-28.28	0.00	0.00063	-31.82	3.54	0.00063
-35.36	7.07	0.00063	-42.43	14.14	0.00063
-49.50	21.21	0.00062	-56.57	28.28	0.00062
-63.64	35.36	0.00062	-70.71	42.43	0.00062
-77.78	49.50	0.00062	-84.85	56.57	0.00062
49.50	-91.92	0.00040	42.43	-84.85	0.00044
35.36	-77.78	0.00048	28.28	-70.71	0.00052
21.21	-63.64	0.00056	14.14	-56.57	0.00059
7.07	-49.50	0.00061	0.00	-42.43	0.00063
-3.54	-38.89	0.00064	-7.07	-35.36	0.00065
-9.19	-33.23	0.00065	-10.61	-31.82	0.00065
-12.02	-30.41	0.00066	-13.44	-28.99	0.00066
-14.85	-27.58	0.00066	-27.58	-14.85	0.00070
-28.99	-13.44	0.00070	-30.41	-12.02	0.00071
-31.82	-10.61	0.00071	-33.23	-9.19	0.00071
-35.36	-7.07	0.00071	-38.89	-3.54	0.00071
-42.43	0.00	0.00071	-49.50	7.07	0.00071
-56.57	14.14	0.00071	-63.64	21.21	0.00070
-70.71	28.28	0.00070	-77.78	35.36	0.00070
-84.85	42.43	0.00070	-91.92	49.50	0.00070
42.43	-98.99	0.00043	35.36	-91.92	0.00047
28.28	-84.85	0.00052	21.21	-77.78	0.00057
14.14	-70.71	0.00061	7.07	-63.64	0.00065
0.00	-56.57	0.00069	-7.07	-49.50	0.00071
-10.61	-45.96	0.00072	-14.14	-42.43	0.00073

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**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	0.00074	-17.68	-38.89	0.00074
-19.09	-37.48	0.00075	-20.51	-36.06	0.00075
-21.92	-34.65	0.00076	-34.65	-21.92	0.00080
-36.06	-20.51	0.00080	-37.48	-19.09	0.00081
-38.89	-17.68	0.00081	-40.31	-16.26	0.00081
-42.43	-14.14	0.00082	-45.96	-10.61	0.00082
-49.50	-7.07	0.00082	-56.57	0.00	0.00081
-63.64	7.07	0.00081	-70.71	14.14	0.00080
-77.78	21.21	0.00080	-84.85	28.28	0.00080
-91.92	35.36	0.00080	-98.99	42.43	0.00079
35.36	-106.07	0.00047	28.28	-98.99	0.00051
21.21	-91.92	0.00056	14.14	-84.85	0.00061
7.07	-77.78	0.00067	0.00	-70.71	0.00073
-7.07	-63.64	0.00078	-14.14	-56.57	0.00081
-17.68	-53.03	0.00083	-21.21	-49.50	0.00084
-23.33	-47.38	0.00085	-24.75	-45.96	0.00085
-26.16	-44.55	0.00086	-27.58	-43.13	0.00086
-28.99	-41.72	0.00087	-41.72	-28.99	0.00092
-43.13	-27.58	0.00093	-44.55	-26.16	0.00093
-45.96	-24.75	0.00094	-47.38	-23.33	0.00094
-49.50	-21.21	0.00094	-53.03	-17.68	0.00094
-56.57	-14.14	0.00094	-63.64	-7.07	0.00094
-70.71	0.00	0.00093	-77.78	7.07	0.00093
-84.85	14.14	0.00093	-91.92	21.21	0.00093
-98.99	28.28	0.00091	-106.07	35.36	0.00089
28.28	-113.14	0.00051	21.21	-106.07	0.00055
14.14	-98.99	0.00060	7.07	-91.92	0.00067
0.00	-84.85	0.00074	-7.07	-77.78	0.00081
-14.14	-70.71	0.00088	-21.21	-63.64	0.00093
-24.75	-60.10	0.00095	-28.28	-56.57	0.00097
-30.41	-54.45	0.00098	-31.82	-53.03	0.00099
-33.23	-51.62	0.00099	-34.65	-50.20	0.00100
-36.06	-48.79	0.00101	-48.79	-36.06	0.00108
-50.20	-34.65	0.00108	-51.62	-33.23	0.00109
-53.03	-31.82	0.00109	-54.45	-30.41	0.00110
-56.57	-28.28	0.00110	-60.10	-24.75	0.00110
-63.64	-21.21	0.00110	-70.71	-14.14	0.00109
-77.78	-7.07	0.00109	-84.85	0.00	0.00109
-91.92	7.07	0.00109	-98.99	14.14	0.00107

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00128	-42.43	-84.85	0.00144
-45.96	-81.32	0.00152	-49.50	-77.78	0.00158
-51.62	-75.66	0.00161	-53.03	-74.25	0.00163
-54.45	-72.83	0.00165	-55.86	-71.42	0.00167
-57.28	-70.00	0.00169	-70.00	-57.28	0.00187
-71.42	-55.86	0.00189	-72.83	-54.45	0.00189
-74.25	-53.03	0.00190	-75.66	-51.62	0.00190

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

20:46:52
 **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	0.00191	-81.32	-45.96	0.00191
-84.85	-42.43	0.00192	-91.92	-35.36	0.00194
-98.99	-28.28	0.00192	-106.07	-21.21	0.00186
-113.14	-14.14	0.00176	-120.21	-7.07	0.00165
-127.28	0.00	0.00153	-134.35	7.07	0.00140
0.00	-141.42	0.00075	-7.07	-134.35	0.00082
-14.14	-127.28	0.00091	-21.21	-120.21	0.00101
-28.28	-113.14	0.00113	-35.36	-106.07	0.00128
-42.43	-98.99	0.00145	-49.50	-91.92	0.00166
-53.03	-88.39	0.00177	-56.57	-84.85	0.00188
-58.69	-82.73	0.00193	-60.10	-81.32	0.00197
-61.52	-79.90	0.00200	-62.93	-78.49	0.00203
-64.35	-77.07	0.00206	-77.07	-64.35	0.00234
-78.49	-62.93	0.00236	-79.90	-61.52	0.00237
-81.32	-60.10	0.00238	-82.73	-58.69	0.00238
-84.85	-56.57	0.00239	-88.39	-53.03	0.00241
-91.92	-49.50	0.00243	-98.99	-42.43	0.00243
-106.07	-35.36	0.00235	-113.14	-28.28	0.00221
-120.21	-21.21	0.00205	-127.28	-14.14	0.00187
-134.35	-7.07	0.00169	-141.42	0.00	0.00152
-7.07	-148.49	0.00083	-14.14	-141.42	0.00092
-21.21	-134.35	0.00102	-28.28	-127.28	0.00114
-35.36	-120.21	0.00129	-42.43	-113.14	0.00146
-49.50	-106.07	0.00166	-56.57	-98.99	0.00191
-60.10	-95.46	0.00206	-63.64	-91.92	0.00222
-65.76	-89.80	0.00232	-67.18	-88.39	0.00238
-68.59	-86.97	0.00244	-70.00	-85.56	0.00249

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00255	-84.15	-71.42	0.00302
-85.56	-70.00	0.00305	-86.97	-68.59	0.00307
-88.39	-67.18	0.00308	-89.80	-65.76	0.00310
-91.92	-63.64	0.00313	-95.46	-60.10	0.00317
-98.99	-56.57	0.00317	-106.07	-49.50	0.00306
-113.14	-42.43	0.00285	-120.21	-35.36	0.00259
-127.28	-28.28	0.00232	-134.35	-21.21	0.00207
-141.42	-14.14	0.00184	-148.49	-7.07	0.00162
-14.14	-155.56	0.00093	-21.21	-148.49	0.00103
-28.28	-141.42	0.00115	-35.36	-134.35	0.00130
-42.43	-127.28	0.00148	-49.50	-120.21	0.00169
-56.57	-113.14	0.00193	-63.64	-106.07	0.00223
-67.18	-102.53	0.00240	-70.71	-98.99	0.00260

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
-72.83	-96.87	0.00274	-74.25	-95.46	0.00285
-75.66	-94.05	0.00295	-77.07	-92.63	0.00306
-78.49	-91.22	0.00317	-91.22	-78.49	0.00410
-92.63	-77.07	0.00415	-94.05	-75.66	0.00419
-95.46	-74.25	0.00424	-96.87	-72.83	0.00426
-98.99	-70.71	0.00428	-102.53	-67.18	0.00423
-106.07	-63.64	0.00411	-113.14	-56.57	0.00375
-120.21	-49.50	0.00333	-127.28	-42.43	0.00293
-134.35	-35.36	0.00256	-141.42	-28.28	0.00223
-148.49	-21.21	0.00194	-155.56	-14.14	0.00169
-21.21	-162.63	0.00102	-28.28	-155.56	0.00115
-35.36	-148.49	0.00130	-42.43	-141.42	0.00148
-49.50	-134.35	0.00169	-56.57	-127.28	0.00196
-63.64	-120.21	0.00227	-70.71	-113.14	0.00265
-74.25	-109.60	0.00287	-77.78	-106.07	0.00312
-79.90	-103.94	0.00330	-81.32	-102.53	0.00343
-82.73	-101.12	0.00358	-84.15	-99.70	0.00375
-85.56	-98.29	0.00396	-98.29	-85.56	0.00606
-99.70	-84.15	0.00605	-101.12	-82.73	0.00599
-102.53	-81.32	0.00591	-103.94	-79.90	0.00581
-106.07	-77.78	0.00564	-109.60	-74.25	0.00532

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00498	-120.21	-63.64	0.00431
-127.28	-56.57	0.00371	-134.35	-49.50	0.00318
-141.42	-42.43	0.00272	-148.49	-35.36	0.00233
-155.56	-28.28	0.00200	-162.63	-21.21	0.00173
-28.28	-169.71	0.00111	-35.36	-162.63	0.00126
-42.43	-155.56	0.00144	-49.50	-148.49	0.00165
-56.57	-141.42	0.00191	-63.64	-134.35	0.00224
-70.71	-127.28	0.00264	-77.78	-120.21	0.00313
-81.32	-116.67	0.00343	-84.85	-113.14	0.00379
-86.97	-111.02	0.00404	-88.39	-109.60	0.00424
-89.80	-108.19	0.00446	-91.22	-106.77	0.00475
-92.63	-105.36	0.00510	-105.36	-92.63	0.00741
-106.77	-91.22	0.00716	-108.19	-89.80	0.00695
-109.60	-88.39	0.00676	-111.02	-86.97	0.00657
-113.14	-84.85	0.00630	-116.67	-81.32	0.00586
-120.21	-77.78	0.00542	-127.28	-70.71	0.00461
-134.35	-63.64	0.00390	-141.42	-56.57	0.00330
-148.49	-49.50	0.00278	-155.56	-42.43	0.00235
-162.63	-35.36	0.00200	-169.71	-28.28	0.00171

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	0.00119	-42.43	-169.71	0.00136
-49.50	-162.63	0.00156	-56.57	-155.56	0.00181
-63.64	-148.49	0.00210	-70.71	-141.42	0.00246
-77.78	-134.35	0.00291	-84.85	-127.28	0.00346
-88.39	-123.74	0.00378	-91.92	-120.21	0.00415
-94.05	-118.09	0.00440	-95.46	-116.67	0.00459
-96.87	-115.26	0.00480	-98.29	-113.84	0.00505
-99.70	-112.43	0.00538	-112.43	-99.70	0.00744
-113.84	-98.29	0.00719	-115.26	-96.87	0.00697
-116.67	-95.46	0.00677	-118.09	-94.05	0.00659
-120.21	-91.92	0.00631	-123.74	-88.39	0.00586
-127.28	-84.85	0.00543	-134.35	-77.78	0.00462
-141.42	-70.71	0.00388	-148.49	-63.64	0.00325
-155.56	-56.57	0.00272	-162.63	-49.50	0.00228
-169.71	-42.43	0.00193	-176.78	-35.36	0.00164

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00124	-49.50	-176.78	0.00143
-56.57	-169.71	0.00165	-63.64	-162.63	0.00191
-70.71	-155.56	0.00222	-77.78	-148.49	0.00260
-84.85	-141.42	0.00305	-91.92	-134.35	0.00358
-95.46	-130.81	0.00389	-98.99	-127.28	0.00422
-101.12	-125.16	0.00445	-102.53	-123.74	0.00463
-103.94	-122.33	0.00482	-105.36	-120.92	0.00506
-106.77	-119.50	0.00537	-119.50	-106.77	0.00733
-120.92	-105.36	0.00708	-122.33	-103.94	0.00686
-123.74	-102.53	0.00666	-125.16	-101.12	0.00647
-127.28	-98.99	0.00619	-130.81	-95.46	0.00573
-134.35	-91.92	0.00530	-141.42	-84.85	0.00447
-148.49	-77.78	0.00372	-155.56	-70.71	0.00309
-162.63	-63.64	0.00256	-169.71	-56.57	0.00214
-176.78	-49.50	0.00180	-183.85	-42.43	0.00152
-49.50	-190.92	0.00126	-56.57	-183.85	0.00145
-63.64	-176.78	0.00168	-70.71	-169.71	0.00196
-77.78	-162.63	0.00228	-84.85	-155.56	0.00265
-91.92	-148.49	0.00307	-98.99	-141.42	0.00356
-102.53	-137.89	0.00383	-106.07	-134.35	0.00414
-108.19	-132.23	0.00436	-109.60	-130.81	0.00453
-111.02	-129.40	0.00472	-112.43	-127.99	0.00495
-113.84	-126.57	0.00524	-126.57	-113.84	0.00713
-127.99	-112.43	0.00686	-129.40	-111.02	0.00664
-130.81	-109.60	0.00644	-132.23	-108.19	0.00625

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	0.00597	-137.89	-102.53	0.00551
-141.42	-98.99	0.00506	-148.49	-91.92	0.00421
-155.56	-84.85	0.00346	-162.63	-77.78	0.00283
-169.71	-70.71	0.00233	-176.78	-63.64	0.00193
-183.85	-56.57	0.00162	-190.92	-49.50	0.00137
-56.57	-197.99	0.00126	-63.64	-190.92	0.00145
-70.71	-183.85	0.00168	-77.78	-176.78	0.00195
-84.85	-169.71	0.00226	-91.92	-162.63	0.00263
-98.99	-155.56	0.00302	-106.07	-148.49	0.00343

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00367	-113.14	-141.42	0.00396
-115.26	-139.30	0.00417	-116.67	-137.89	0.00432
-118.09	-136.47	0.00451	-119.50	-135.06	0.00472
-120.92	-133.64	0.00500	-133.64	-120.92	0.00680
-135.06	-119.50	0.00653	-136.47	-118.09	0.00631
-137.89	-116.67	0.00610	-139.30	-115.26	0.00590
-141.42	-113.14	0.00562	-144.96	-109.60	0.00516
-148.49	-106.07	0.00470	-155.56	-98.99	0.00383
-162.63	-91.92	0.00309	-169.71	-84.85	0.00250
-176.78	-77.78	0.00204	-183.85	-70.71	0.00169
-190.92	-63.64	0.00141	-197.99	-56.57	0.00119
-63.64	-205.06	0.00123	-70.71	-197.99	0.00141
-77.78	-190.92	0.00163	-84.85	-183.85	0.00188
-91.92	-176.78	0.00218	-98.99	-169.71	0.00252
-106.07	-162.63	0.00288	-113.14	-155.56	0.00324
-116.67	-152.03	0.00344	-120.21	-148.49	0.00369
-122.33	-146.37	0.00387	-123.74	-144.96	0.00401
-125.16	-143.54	0.00418	-126.57	-142.13	0.00438
-127.99	-140.71	0.00464	-140.71	-127.99	0.00631
-142.13	-126.57	0.00604	-143.54	-125.16	0.00581
-144.96	-123.74	0.00560	-146.37	-122.33	0.00540
-148.49	-120.21	0.00511	-152.03	-116.67	0.00463
-155.56	-113.14	0.00416	-162.63	-106.07	0.00330
-169.71	-98.99	0.00262	-176.78	-91.92	0.00210
-183.85	-84.85	0.00171	-190.92	-77.78	0.00141
-197.99	-70.71	0.00118	-205.06	-63.64	0.00101
-70.71	-212.13	0.00118	-77.78	-205.06	0.00134
-84.85	-197.99	0.00154	-91.92	-190.92	0.00177
-98.99	-183.85	0.00204	-106.07	-176.78	0.00234
-113.14	-169.71	0.00266	-120.21	-162.63	0.00299
-123.74	-159.10	0.00316	-127.28	-155.56	0.00334

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

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

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00348	-130.81	-152.03	0.00359
-132.23	-150.61	0.00372	-133.64	-149.20	0.00389
-135.06	-147.79	0.00413	-147.79	-135.06	0.00559

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00531	-150.61	-132.23	0.00507
-152.03	-130.81	0.00485	-153.44	-129.40	0.00464
-155.56	-127.28	0.00432	-159.10	-123.74	0.00382
-162.63	-120.21	0.00336	-169.71	-113.14	0.00262
-176.78	-106.07	0.00207	-183.85	-98.99	0.00166
-190.92	-91.92	0.00136	-197.99	-84.85	0.00114
-205.06	-77.78	0.00096	-212.13	-70.71	0.00083
-77.78	-219.20	0.00109	-84.85	-212.13	0.00124
-91.92	-205.06	0.00141	-98.99	-197.99	0.00161
-106.07	-190.92	0.00184	-113.14	-183.85	0.00209
-120.21	-176.78	0.00236	-127.28	-169.71	0.00264
-130.81	-166.17	0.00278	-134.35	-162.63	0.00292
-136.47	-160.51	0.00301	-137.89	-159.10	0.00308
-139.30	-157.68	0.00316	-140.71	-156.27	0.00328
-142.13	-154.86	0.00345	-154.86	-142.13	0.00445
-156.27	-140.71	0.00414	-157.68	-139.30	0.00387
-159.10	-137.89	0.00362	-160.51	-136.47	0.00340
-162.63	-134.35	0.00310	-166.17	-130.81	0.00268
-169.71	-127.28	0.00234	-176.78	-120.21	0.00184
-183.85	-113.14	0.00150	-190.92	-106.07	0.00124
-197.99	-98.99	0.00104	-205.06	-91.92	0.00088
-212.13	-84.85	0.00076	-219.20	-77.78	0.00066
-84.85	-226.27	0.00099	-91.92	-219.20	0.00112
-98.99	-212.13	0.00126	-106.07	-205.06	0.00141
-113.14	-197.99	0.00158	-120.21	-190.92	0.00177
-127.28	-183.85	0.00196	-134.35	-176.78	0.00215
-137.89	-173.24	0.00224	-141.42	-169.71	0.00233
-143.54	-167.58	0.00238	-144.96	-166.17	0.00241
-146.37	-164.76	0.00246	-147.79	-163.34	0.00252
-149.20	-161.93	0.00261	-161.93	-149.20	0.00239
-163.34	-147.79	0.00214	-164.76	-146.37	0.00196
-166.17	-144.96	0.00184	-167.58	-143.54	0.00175
-169.71	-141.42	0.00163	-173.24	-137.89	0.00148
-176.78	-134.35	0.00136	-183.85	-127.28	0.00116
-190.92	-120.21	0.00100	-197.99	-113.14	0.00087
-205.06	-106.07	0.00075	-212.13	-98.99	0.00066
-219.20	-91.92	0.00058	-226.27	-84.85	0.00052

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

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

20:46:52

**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 ,

20NCRA_SR05-300_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	0.00098
-106.07	-219.20	0.00108	-113.14	-212.13	0.00119
-120.21	-205.06	0.00130	-127.28	-197.99	0.00141
-134.35	-190.92	0.00151	-141.42	-183.85	0.00157
-144.96	-180.31	0.00157	-148.49	-176.78	0.00155
-150.61	-174.66	0.00152	-152.03	-173.24	0.00149
-153.44	-171.83	0.00145	-154.86	-170.41	0.00141
-156.27	-169.00	0.00135	-169.00	-156.27	0.00090
-170.41	-154.86	0.00088	-171.83	-153.44	0.00086
-173.24	-152.03	0.00085	-174.66	-150.61	0.00084
-176.78	-148.49	0.00082	-180.31	-144.96	0.00080
-183.85	-141.42	0.00077	-190.92	-134.35	0.00072
-197.99	-127.28	0.00066	-205.06	-120.21	0.00060
-212.13	-113.14	0.00054	-219.20	-106.07	0.00049
-226.27	-98.99	0.00044	-233.35	-91.92	0.00040
-98.99	-240.42	0.00077	-106.07	-233.35	0.00084
-113.14	-226.27	0.00091	-120.21	-219.20	0.00097
-127.28	-212.13	0.00104	-134.35	-205.06	0.00109
-141.42	-197.99	0.00113	-148.49	-190.92	0.00112
-152.03	-187.38	0.00109	-155.56	-183.85	0.00105
-157.68	-181.73	0.00101	-159.10	-180.31	0.00099
-160.51	-178.90	0.00096	-161.93	-177.48	0.00094
-163.34	-176.07	0.00091	-176.07	-163.34	0.00068
-177.48	-161.93	0.00067	-178.90	-160.51	0.00066
-180.31	-159.10	0.00065	-181.73	-157.68	0.00064
-183.85	-155.56	0.00063	-187.38	-152.03	0.00060
-190.92	-148.49	0.00058	-197.99	-141.42	0.00053
-205.06	-134.35	0.00049	-212.13	-127.28	0.00045
-219.20	-120.21	0.00041	-226.27	-113.14	0.00038
-233.35	-106.07	0.00035	-240.42	-98.99	0.00032
-106.07	-247.49	0.00066	-113.14	-240.42	0.00071
-120.21	-233.35	0.00075	-127.28	-226.27	0.00079
-134.35	-219.20	0.00083	-141.42	-212.13	0.00085
-148.49	-205.06	0.00085	-155.56	-197.99	0.00083
-159.10	-194.45	0.00081	-162.63	-190.92	0.00078
-164.76	-188.80	0.00077	-166.17	-187.38	0.00076
-167.58	-185.97	0.00075	-169.00	-184.55	0.00073
-170.41	-183.14	0.00071	-183.14	-170.41	0.00055
-184.55	-169.00	0.00054	-185.97	-167.58	0.00053
-187.38	-166.17	0.00053	-188.80	-164.76	0.00052

04/18/08

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

20:46:52

**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	0.00051	-194.45	-159.10	0.00049
-197.99	-155.56	0.00047	-205.06	-148.49	0.00044
-212.13	-141.42	0.00040	-219.20	-134.35	0.00037
-226.27	-127.28	0.00034	-233.35	-120.21	0.00031
-240.42	-113.14	0.00028	-247.49	-106.07	0.00026

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00013	240.42	113.14	0.00013
233.35	120.21	0.00013	226.27	127.28	0.00013
219.20	134.35	0.00014	212.13	141.42	0.00014
205.06	148.49	0.00014	197.99	155.56	0.00014
194.45	159.10	0.00014	190.92	162.63	0.00014
188.80	164.76	0.00014	187.38	166.17	0.00014
185.97	167.58	0.00014	184.55	169.00	0.00014
183.14	170.41	0.00014	170.41	183.14	0.00014
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	0.00014	233.35	106.07	0.00014
226.27	113.14	0.00014	219.20	120.21	0.00014
212.13	127.28	0.00014	205.06	134.35	0.00014
197.99	141.42	0.00015	190.92	148.49	0.00015
187.38	152.03	0.00015	183.85	155.56	0.00015

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **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	0.00016	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	0.00015	219.20	91.92	0.00015
212.13	98.99	0.00016	205.06	106.07	0.00016
197.99	113.14	0.00016	190.92	120.21	0.00016
183.85	127.28	0.00016	176.78	134.35	0.00017
173.24	137.89	0.00017	169.71	141.42	0.00017
167.58	143.54	0.00017	166.17	144.96	0.00017
164.76	146.37	0.00017	163.34	147.79	0.00017
161.93	149.20	0.00017	149.20	161.93	0.00017
147.79	163.34	0.00017	146.37	164.76	0.00017

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/18/08

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

20:46:52

**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	0.00019	152.03	130.81	0.00019
150.61	132.23	0.00019	149.20	133.64	0.00019
147.79	135.06	0.00019	135.06	147.79	0.00020
133.64	149.20	0.00020	132.23	150.61	0.00020
130.81	152.03	0.00020	129.40	153.44	0.00020
127.28	155.56	0.00020	123.74	159.10	0.00020
120.21	162.63	0.00020	113.14	169.71	0.00020
106.07	176.78	0.00020	98.99	183.85	0.00020

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **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	0.00020	183.85	56.57	0.00021
176.78	63.64	0.00021	169.71	70.71	0.00022

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

20NCRA_SR05-300_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	0.00029	88.39	123.74	0.00029	
84.85	127.28	0.00029	77.78	134.35	0.00029	
70.71	141.42	0.00029	63.64	148.49	0.00029	
56.57	155.56	0.00029	49.50	162.63	0.00029	
42.43	169.71	0.00028	35.36	176.78	0.00028	
169.71	28.28	0.00024	162.63	35.36	0.00025	
155.56	42.43	0.00026	148.49	49.50	0.00027	
141.42	56.57	0.00027	134.35	63.64	0.00028	
127.28	70.71	0.00028	120.21	77.78	0.00029	
116.67	81.32	0.00029	113.14	84.85	0.00029	
111.02	86.97	0.00029	109.60	88.39	0.00029	
108.19	89.80	0.00029	106.77	91.22	0.00029	
105.36	92.63	0.00030	92.63	105.36	0.00031	
91.22	106.77	0.00031	89.80	108.19	0.00031	
88.39	109.60	0.00031	86.97	111.02	0.00031	
84.85	113.14	0.00031	81.32	116.67	0.00031	
77.78	120.21	0.00031	70.71	127.28	0.00031	
63.64	134.35	0.00031	56.57	141.42	0.00031	
49.50	148.49	0.00031	42.43	155.56	0.00031	
35.36	162.63	0.00031	28.28	169.71	0.00031	
162.63	21.21	0.00026	155.56	28.28	0.00027	
148.49	35.36	0.00028	141.42	42.43	0.00029	
134.35	49.50	0.00030	127.28	56.57	0.00030	
120.21	63.64	0.00031	113.14	70.71	0.00031	
109.60	74.25	0.00031	106.07	77.78	0.00032	
103.94	79.90	0.00032	102.53	81.32	0.00032	
101.12	82.73	0.00032	99.70	84.15	0.00032	
98.29	85.56	0.00032	85.56	98.29	0.00033	
84.15	99.70	0.00033	82.73	101.12	0.00034	
81.32	102.53	0.00034	79.90	103.94	0.00034	
77.78	106.07	0.00034	74.25	109.60	0.00034	
70.71	113.14	0.00034	63.64	120.21	0.00034	
56.57	127.28	0.00034	49.50	134.35	0.00034	
42.43	141.42	0.00034	35.36	148.49	0.00034	
28.28	155.56	0.00033	21.21	162.63	0.00033	
155.56	14.14	0.00028	148.49	21.21	0.00029	
141.42	28.28	0.00030	134.35	35.36	0.00031	
127.28	42.43	0.00032	120.21	49.50	0.00033	
113.14	56.57	0.00033	106.07	63.64	0.00034	
102.53	67.18	0.00034	98.99	70.71	0.00035	

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

*** NCRA Cumulative DPM Impacts

20:46:52

**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	0.00035	95.46	74.25	0.00035
94.05	75.66	0.00035	92.63	77.07	0.00035
91.22	78.49	0.00035	78.49	91.22	0.00036
77.07	92.63	0.00037	75.66	94.05	0.00037
74.25	95.46	0.00037	72.83	96.87	0.00037
70.71	98.99	0.00037	67.18	102.53	0.00037
63.64	106.07	0.00037	56.57	113.14	0.00037
49.50	120.21	0.00037	42.43	127.28	0.00037
35.36	134.35	0.00037	28.28	141.42	0.00037
21.21	148.49	0.00037	14.14	155.56	0.00036
148.49	7.07	0.00030	141.42	14.14	0.00031
134.35	21.21	0.00033	127.28	28.28	0.00034
120.21	35.36	0.00035	113.14	42.43	0.00036
106.07	49.50	0.00037	98.99	56.57	0.00037
95.46	60.10	0.00038	91.92	63.64	0.00038
89.80	65.76	0.00038	88.39	67.18	0.00038
86.97	68.59	0.00038	85.56	70.00	0.00038
84.15	71.42	0.00039	71.42	84.15	0.00040
70.00	85.56	0.00040	68.59	86.97	0.00040
67.18	88.39	0.00040	65.76	89.80	0.00041
63.64	91.92	0.00041	60.10	95.46	0.00041
56.57	98.99	0.00041	49.50	106.07	0.00041
42.43	113.14	0.00041	35.36	120.21	0.00041
28.28	127.28	0.00040	21.21	134.35	0.00040
14.14	141.42	0.00040	7.07	148.49	0.00040
141.42	0.00	0.00032	134.35	7.07	0.00034
127.28	14.14	0.00035	120.21	21.21	0.00037
113.14	28.28	0.00038	106.07	35.36	0.00039
98.99	42.43	0.00040	91.92	49.50	0.00041
88.39	53.03	0.00041	84.85	56.57	0.00042
82.73	58.69	0.00042	81.32	60.10	0.00042
79.90	61.52	0.00042	78.49	62.93	0.00042
77.07	64.35	0.00042	64.35	77.07	0.00044
62.93	78.49	0.00044	61.52	79.90	0.00045

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52

**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	0.00034	127.28	0.00	0.00036
120.21	7.07	0.00038	113.14	14.14	0.00040
106.07	21.21	0.00042	98.99	28.28	0.00043
91.92	35.36	0.00044	84.85	42.43	0.00045
81.32	45.96	0.00046	77.78	49.50	0.00046
75.66	51.62	0.00046	74.25	53.03	0.00046
72.83	54.45	0.00047	71.42	55.86	0.00047
70.00	57.28	0.00047	57.28	70.00	0.00049
55.86	71.42	0.00049	54.45	72.83	0.00050
53.03	74.25	0.00050	51.62	75.66	0.00050
49.50	77.78	0.00050	45.96	81.32	0.00050
42.43	84.85	0.00050	35.36	91.92	0.00050
28.28	98.99	0.00050	21.21	106.07	0.00050
14.14	113.14	0.00049	7.07	120.21	0.00049
0.00	127.28	0.00049	-7.07	134.35	0.00049
127.28	-14.14	0.00036	120.21	-7.07	0.00038
113.14	0.00	0.00041	106.07	7.07	0.00044
98.99	14.14	0.00046	91.92	21.21	0.00048
84.85	28.28	0.00049	77.78	35.36	0.00050
74.25	38.89	0.00051	70.71	42.43	0.00051
68.59	44.55	0.00052	67.18	45.96	0.00052
65.76	47.38	0.00052	64.35	48.79	0.00052
62.93	50.20	0.00052	50.20	62.93	0.00055
48.79	64.35	0.00055	47.38	65.76	0.00055
45.96	67.18	0.00056	44.55	68.59	0.00056
42.43	70.71	0.00056	38.89	74.25	0.00056
35.36	77.78	0.00056	28.28	84.85	0.00056
21.21	91.92	0.00056	14.14	98.99	0.00055

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00055	0.00	113.14	0.00055
-7.07	120.21	0.00055	-14.14	127.28	0.00055
120.21	-21.21	0.00038	113.14	-14.14	0.00041
106.07	-7.07	0.00044	98.99	0.00	0.00048
91.92	7.07	0.00050	84.85	14.14	0.00053
77.78	21.21	0.00055	70.71	28.28	0.00056
67.18	31.82	0.00057	63.64	35.36	0.00057
61.52	37.48	0.00058	60.10	38.89	0.00058
58.69	40.31	0.00058	57.28	41.72	0.00058
55.86	43.13	0.00059	43.13	55.86	0.00062
41.72	57.28	0.00062	40.31	58.69	0.00062
38.89	60.10	0.00063	37.48	61.52	0.00063

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

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00063	31.82	67.18	0.00063
28.28	70.71	0.00063	21.21	77.78	0.00063
14.14	84.85	0.00062	7.07	91.92	0.00062
0.00	98.99	0.00062	-7.07	106.07	0.00062
-14.14	113.14	0.00062	-21.21	120.21	0.00062
113.14	-28.28	0.00040	106.07	-21.21	0.00044
98.99	-14.14	0.00048	91.92	-7.07	0.00052
84.85	0.00	0.00056	77.78	7.07	0.00059
70.71	14.14	0.00061	63.64	21.21	0.00063
60.10	24.75	0.00064	56.57	28.28	0.00065
54.45	30.41	0.00065	53.03	31.82	0.00065
51.62	33.23	0.00066	50.20	34.65	0.00066
48.79	36.06	0.00066	36.06	48.79	0.00070
34.65	50.20	0.00070	33.23	51.62	0.00071
31.82	53.03	0.00071	30.41	54.45	0.00071
28.28	56.57	0.00071	24.75	60.10	0.00071
21.21	63.64	0.00071	14.14	70.71	0.00071
7.07	77.78	0.00071	0.00	84.85	0.00070
-7.07	91.92	0.00070	-14.14	98.99	0.00070
-21.21	106.07	0.00070	-28.28	113.14	0.00070
106.07	-35.36	0.00043	98.99	-28.28	0.00047
91.92	-21.21	0.00052	84.85	-14.14	0.00057

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00061	70.71	0.00	0.00065
63.64	7.07	0.00069	56.57	14.14	0.00071
53.03	17.68	0.00072	49.50	21.21	0.00073
47.38	23.33	0.00074	45.96	24.75	0.00074
44.55	26.16	0.00075	43.13	27.58	0.00075
41.72	28.99	0.00076	28.99	41.72	0.00080
27.58	43.13	0.00080	26.16	44.55	0.00081
24.75	45.96	0.00081	23.33	47.38	0.00081
21.21	49.50	0.00082	17.68	53.03	0.00082
14.14	56.57	0.00082	7.07	63.64	0.00081
0.00	70.71	0.00081	-7.07	77.78	0.00080
-14.14	84.85	0.00080	-21.21	91.92	0.00080
-28.28	98.99	0.00080	-35.36	106.07	0.00079
98.99	-42.43	0.00047	91.92	-35.36	0.00051
84.85	-28.28	0.00056	77.78	-21.21	0.00061
70.71	-14.14	0.00067	63.64	-7.07	0.00073
56.57	0.00	0.00078	49.50	7.07	0.00081
45.96	10.61	0.00083	42.43	14.14	0.00084

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

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

20:46:52

**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	0.00085	38.89	17.68	0.00085
37.48	19.09	0.00086	36.06	20.51	0.00086
34.65	21.92	0.00087	21.92	34.65	0.00092
20.51	36.06	0.00093	19.09	37.48	0.00093
17.68	38.89	0.00094	16.26	40.31	0.00094
14.14	42.43	0.00094	10.61	45.96	0.00094
7.07	49.50	0.00094	0.00	56.57	0.00094
-7.07	63.64	0.00093	-14.14	70.71	0.00093
-21.21	77.78	0.00093	-28.28	84.85	0.00093
-35.36	91.92	0.00091	-42.43	98.99	0.00089
91.92	-49.50	0.00051	84.85	-42.43	0.00055
77.78	-35.36	0.00060	70.71	-28.28	0.00067
63.64	-21.21	0.00074	56.57	-14.14	0.00081
49.50	-7.07	0.00088	42.43	0.00	0.00093
38.89	3.54	0.00095	35.36	7.07	0.00097
33.23	9.19	0.00098	31.82	10.61	0.00099

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00099	28.99	13.44	0.00100
27.58	14.85	0.00101	14.85	27.58	0.00108
13.44	28.99	0.00108	12.02	30.41	0.00109
10.61	31.82	0.00109	9.19	33.23	0.00110
7.07	35.36	0.00110	3.54	38.89	0.00110
0.00	42.43	0.00110	-7.07	49.50	0.00109
-14.14	56.57	0.00109	-21.21	63.64	0.00109
-28.28	70.71	0.00109	-35.36	77.78	0.00107
-42.43	84.85	0.00104	-49.50	91.92	0.00101
84.85	-56.57	0.00055	77.78	-49.50	0.00060
70.71	-42.43	0.00066	63.64	-35.36	0.00073
56.57	-28.28	0.00081	49.50	-21.21	0.00091
42.43	-14.14	0.00100	35.36	-7.07	0.00107
31.82	-3.54	0.00110	28.28	0.00	0.00113
26.16	2.12	0.00114	24.75	3.54	0.00115
23.33	4.95	0.00116	21.92	6.36	0.00117
20.51	7.78	0.00118	7.78	20.51	0.00128
6.36	21.92	0.00128	4.95	23.33	0.00129
3.54	24.75	0.00129	2.12	26.16	0.00130
0.00	28.28	0.00130	-3.54	31.82	0.00130
-7.07	35.36	0.00130	-14.14	42.43	0.00129
-21.21	49.50	0.00130	-28.28	56.57	0.00130
-35.36	63.64	0.00128	-42.43	70.71	0.00124
-49.50	77.78	0.00119	-56.57	84.85	0.00113

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

20:46:52
 **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	0.00061	70.71	-56.57	0.00067
63.64	-49.50	0.00073	56.57	-42.43	0.00081
49.50	-35.36	0.00090	42.43	-28.28	0.00101
35.36	-21.21	0.00113	28.28	-14.14	0.00125
24.75	-10.61	0.00129	21.21	-7.07	0.00133
19.09	-4.95	0.00135	17.68	-3.54	0.00136
16.26	-2.12	0.00138	14.85	-0.71	0.00139
13.44	0.71	0.00140	0.71	13.44	0.00153
-0.71	14.85	0.00154	-2.12	16.26	0.00155
-3.54	17.68	0.00155	-4.95	19.09	0.00156

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00156	-10.61	24.75	0.00156
-14.14	28.28	0.00156	-21.21	35.36	0.00156
-28.28	42.43	0.00157	-35.36	49.50	0.00155
-42.43	56.57	0.00150	-49.50	63.64	0.00144
-56.57	70.71	0.00136	-63.64	77.78	0.00127
70.71	-70.71	0.00068	63.64	-63.64	0.00074
56.57	-56.57	0.00081	49.50	-49.50	0.00090
42.43	-42.43	0.00100	35.36	-35.36	0.00113
28.28	-28.28	0.00128	21.21	-21.21	0.00144
17.68	-17.68	0.00152	14.14	-14.14	0.00158
12.02	-12.02	0.00161	10.61	-10.61	0.00163
9.19	-9.19	0.00165	7.78	-7.78	0.00167
6.36	-6.36	0.00169	-6.36	6.36	0.00187
-7.78	7.78	0.00189	-9.19	9.19	0.00189
-10.61	10.61	0.00190	-12.02	12.02	0.00190
-14.14	14.14	0.00191	-17.68	17.68	0.00191
-21.21	21.21	0.00192	-28.28	28.28	0.00194
-35.36	35.36	0.00192	-42.43	42.43	0.00186
-49.50	49.50	0.00176	-56.57	56.57	0.00165
-63.64	63.64	0.00153	-70.71	70.71	0.00140
63.64	-77.78	0.00075	56.57	-70.71	0.00082
49.50	-63.64	0.00091	42.43	-56.57	0.00101
35.36	-49.50	0.00113	28.28	-42.43	0.00128
21.21	-35.36	0.00145	14.14	-28.28	0.00166
10.61	-24.75	0.00177	7.07	-21.21	0.00188
4.95	-19.09	0.00193	3.54	-17.68	0.00197
2.12	-16.26	0.00200	0.71	-14.85	0.00203
-0.71	-13.44	0.00206	-13.44	-0.71	0.00234
-14.85	0.71	0.00236	-16.26	2.12	0.00237
-17.68	3.54	0.00238	-19.09	4.95	0.00238

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

20:46:52
 **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	0.00239	-24.75	10.61	0.00241
-28.28	14.14	0.00243	-35.36	21.21	0.00243
-42.43	28.28	0.00235	-49.50	35.36	0.00221
-56.57	42.43	0.00205	-63.64	49.50	0.00187

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00169	-77.78	63.64	0.00152
56.57	-84.85	0.00083	49.50	-77.78	0.00092
42.43	-70.71	0.00102	35.36	-63.64	0.00114
28.28	-56.57	0.00129	21.21	-49.50	0.00146
14.14	-42.43	0.00166	7.07	-35.36	0.00191
3.54	-31.82	0.00206	0.00	-28.28	0.00222
-2.12	-26.16	0.00232	-3.54	-24.75	0.00238
-4.95	-23.33	0.00244	-6.36	-21.92	0.00249
-7.78	-20.51	0.00255	-20.51	-7.78	0.00302
-21.92	-6.36	0.00305	-23.33	-4.95	0.00307
-24.75	-3.54	0.00308	-26.16	-2.12	0.00310
-28.28	0.00	0.00313	-31.82	3.54	0.00317
-35.36	7.07	0.00317	-42.43	14.14	0.00306
-49.50	21.21	0.00285	-56.57	28.28	0.00259
-63.64	35.36	0.00232	-70.71	42.43	0.00207
-77.78	49.50	0.00184	-84.85	56.57	0.00162
49.50	-91.92	0.00093	42.43	-84.85	0.00103
35.36	-77.78	0.00115	28.28	-70.71	0.00130
21.21	-63.64	0.00148	14.14	-56.57	0.00169
7.07	-49.50	0.00193	0.00	-42.43	0.00223
-3.54	-38.89	0.00240	-7.07	-35.36	0.00260
-9.19	-33.23	0.00274	-10.61	-31.82	0.00285
-12.02	-30.41	0.00295	-13.44	-28.99	0.00306
-14.85	-27.58	0.00317	-27.58	-14.85	0.00410
-28.99	-13.44	0.00415	-30.41	-12.02	0.00419
-31.82	-10.61	0.00424	-33.23	-9.19	0.00426
-35.36	-7.07	0.00428	-38.89	-3.54	0.00423
-42.43	0.00	0.00411	-49.50	7.07	0.00375
-56.57	14.14	0.00333	-63.64	21.21	0.00293
-70.71	28.28	0.00256	-77.78	35.36	0.00223
-84.85	42.43	0.00194	-91.92	49.50	0.00169
42.43	-98.99	0.00102	35.36	-91.92	0.00115
28.28	-84.85	0.00130	21.21	-77.78	0.00148
14.14	-70.71	0.00169	7.07	-63.64	0.00196
0.00	-56.57	0.00227	-7.07	-49.50	0.00265
-10.61	-45.96	0.00287	-14.14	-42.43	0.00312

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

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

20:46:52

**MODELOPTs:

PAGE 54

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 ***

20NCRA_SR05-300_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	0.00330	-17.68	-38.89	0.00343
-19.09	-37.48	0.00358	-20.51	-36.06	0.00375
-21.92	-34.65	0.00396	-34.65	-21.92	0.00606
-36.06	-20.51	0.00605	-37.48	-19.09	0.00599
-38.89	-17.68	0.00591	-40.31	-16.26	0.00581
-42.43	-14.14	0.00564	-45.96	-10.61	0.00532
-49.50	-7.07	0.00498	-56.57	0.00	0.00431
-63.64	7.07	0.00371	-70.71	14.14	0.00318
-77.78	21.21	0.00272	-84.85	28.28	0.00233
-91.92	35.36	0.00200	-98.99	42.43	0.00173
35.36	-106.07	0.00111	28.28	-98.99	0.00126
21.21	-91.92	0.00144	14.14	-84.85	0.00165
7.07	-77.78	0.00191	0.00	-70.71	0.00224
-7.07	-63.64	0.00264	-14.14	-56.57	0.00313
-17.68	-53.03	0.00343	-21.21	-49.50	0.00379
-23.33	-47.38	0.00404	-24.75	-45.96	0.00424
-26.16	-44.55	0.00446	-27.58	-43.13	0.00475
-28.99	-41.72	0.00510	-41.72	-28.99	0.00741
-43.13	-27.58	0.00716	-44.55	-26.16	0.00695
-45.96	-24.75	0.00676	-47.38	-23.33	0.00657
-49.50	-21.21	0.00630	-53.03	-17.68	0.00586
-56.57	-14.14	0.00542	-63.64	-7.07	0.00461
-70.71	0.00	0.00390	-77.78	7.07	0.00330
-84.85	14.14	0.00278	-91.92	21.21	0.00235
-98.99	28.28	0.00200	-106.07	35.36	0.00171
28.28	-113.14	0.00119	21.21	-106.07	0.00136
14.14	-98.99	0.00156	7.07	-91.92	0.00181
0.00	-84.85	0.00210	-7.07	-77.78	0.00246
-14.14	-70.71	0.00291	-21.21	-63.64	0.00346
-24.75	-60.10	0.00378	-28.28	-56.57	0.00415
-30.41	-54.45	0.00440	-31.82	-53.03	0.00459
-33.23	-51.62	0.00480	-34.65	-50.20	0.00505
-36.06	-48.79	0.00538	-48.79	-36.06	0.00744
-50.20	-34.65	0.00719	-51.62	-33.23	0.00697
-53.03	-31.82	0.00677	-54.45	-30.41	0.00659
-56.57	-28.28	0.00631	-60.10	-24.75	0.00586
-63.64	-21.21	0.00543	-70.71	-14.14	0.00462
-77.78	-7.07	0.00388	-84.85	0.00	0.00325
-91.92	7.07	0.00272	-98.99	14.14	0.00228
-106.07	21.21	0.00193	-113.14	28.28	0.00164

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

*** NCRA Cumulative DPM Impacts

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

20:46:52
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00124	14.14	-113.14	0.00143	
7.07	-106.07	0.00165	0.00	-98.99	0.00191	
-7.07	-91.92	0.00222	-14.14	-84.85	0.00260	
-21.21	-77.78	0.00305	-28.28	-70.71	0.00358	
-31.82	-67.18	0.00389	-35.36	-63.64	0.00422	
-37.48	-61.52	0.00445	-38.89	-60.10	0.00463	
-40.31	-58.69	0.00482	-41.72	-57.28	0.00506	
-43.13	-55.86	0.00537	-55.86	-43.13	0.00733	
-57.28	-41.72	0.00708	-58.69	-40.31	0.00686	
-60.10	-38.89	0.00666	-61.52	-37.48	0.00647	
-63.64	-35.36	0.00619	-67.18	-31.82	0.00573	
-70.71	-28.28	0.00530	-77.78	-21.21	0.00447	
-84.85	-14.14	0.00372	-91.92	-7.07	0.00309	
-98.99	0.00	0.00256	-106.07	7.07	0.00214	
-113.14	14.14	0.00180	-120.21	21.21	0.00152	
14.14	-127.28	0.00126	7.07	-120.21	0.00145	
0.00	-113.14	0.00168	-7.07	-106.07	0.00196	
-14.14	-98.99	0.00228	-21.21	-91.92	0.00265	
-28.28	-84.85	0.00307	-35.36	-77.78	0.00356	
-38.89	-74.25	0.00383	-42.43	-70.71	0.00414	
-44.55	-68.59	0.00436	-45.96	-67.18	0.00453	
-47.38	-65.76	0.00472	-48.79	-64.35	0.00495	
-50.20	-62.93	0.00524	-62.93	-50.20	0.00713	
-64.35	-48.79	0.00686	-65.76	-47.38	0.00664	
-67.18	-45.96	0.00644	-68.59	-44.55	0.00625	
-70.71	-42.43	0.00597	-74.25	-38.89	0.00551	
-77.78	-35.36	0.00506	-84.85	-28.28	0.00421	
-91.92	-21.21	0.00346	-98.99	-14.14	0.00283	
-106.07	-7.07	0.00233	-113.14	0.00	0.00193	
-120.21	7.07	0.00162	-127.28	14.14	0.00137	
7.07	-134.35	0.00126	0.00	-127.28	0.00145	
-7.07	-120.21	0.00168	-14.14	-113.14	0.00195	
-21.21	-106.07	0.00226	-28.28	-98.99	0.00263	
-35.36	-91.92	0.00302	-42.43	-84.85	0.00343	
-45.96	-81.32	0.00367	-49.50	-77.78	0.00396	
-51.62	-75.66	0.00417	-53.03	-74.25	0.00432	

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00451	-55.86	-71.42	0.00472
-57.28	-70.00	0.00500	-70.00	-57.28	0.00680
-71.42	-55.86	0.00653	-72.83	-54.45	0.00631
-74.25	-53.03	0.00610	-75.66	-51.62	0.00590

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

20:46:52
 **MODELOPTs:
 PAGE 56
 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	0.00562	-81.32	-45.96	0.00516
-84.85	-42.43	0.00470	-91.92	-35.36	0.00383
-98.99	-28.28	0.00309	-106.07	-21.21	0.00250
-113.14	-14.14	0.00204	-120.21	-7.07	0.00169
-127.28	0.00	0.00141	-134.35	7.07	0.00119
0.00	-141.42	0.00123	-7.07	-134.35	0.00141
-14.14	-127.28	0.00163	-21.21	-120.21	0.00188
-28.28	-113.14	0.00218	-35.36	-106.07	0.00252
-42.43	-98.99	0.00288	-49.50	-91.92	0.00324
-53.03	-88.39	0.00344	-56.57	-84.85	0.00369
-58.69	-82.73	0.00387	-60.10	-81.32	0.00401
-61.52	-79.90	0.00418	-62.93	-78.49	0.00438
-64.35	-77.07	0.00464	-77.07	-64.35	0.00631
-78.49	-62.93	0.00604	-79.90	-61.52	0.00581
-81.32	-60.10	0.00560	-82.73	-58.69	0.00540
-84.85	-56.57	0.00511	-88.39	-53.03	0.00463
-91.92	-49.50	0.00416	-98.99	-42.43	0.00330
-106.07	-35.36	0.00262	-113.14	-28.28	0.00210
-120.21	-21.21	0.00171	-127.28	-14.14	0.00141
-134.35	-7.07	0.00118	-141.42	0.00	0.00101
-7.07	-148.49	0.00118	-14.14	-141.42	0.00134
-21.21	-134.35	0.00154	-28.28	-127.28	0.00177
-35.36	-120.21	0.00204	-42.43	-113.14	0.00234
-49.50	-106.07	0.00266	-56.57	-98.99	0.00299
-60.10	-95.46	0.00316	-63.64	-91.92	0.00334
-65.76	-89.80	0.00348	-67.18	-88.39	0.00359
-68.59	-86.97	0.00372	-70.00	-85.56	0.00389
-71.42	-84.15	0.00413	-84.15	-71.42	0.00559
-85.56	-70.00	0.00531	-86.97	-68.59	0.00507
-88.39	-67.18	0.00485	-89.80	-65.76	0.00464

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00432	-95.46	-60.10	0.00382
-98.99	-56.57	0.00336	-106.07	-49.50	0.00262
-113.14	-42.43	0.00207	-120.21	-35.36	0.00166
-127.28	-28.28	0.00136	-134.35	-21.21	0.00114
-141.42	-14.14	0.00096	-148.49	-7.07	0.00083
-14.14	-155.56	0.00109	-21.21	-148.49	0.00124
-28.28	-141.42	0.00141	-35.36	-134.35	0.00161
-42.43	-127.28	0.00184	-49.50	-120.21	0.00209
-56.57	-113.14	0.00236	-63.64	-106.07	0.00264
-67.18	-102.53	0.00278	-70.71	-98.99	0.00292

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

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

20:46:52
 **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	0.00301	-74.25	-95.46	0.00308
-75.66	-94.05	0.00316	-77.07	-92.63	0.00328
-78.49	-91.22	0.00345	-91.22	-78.49	0.00445
-92.63	-77.07	0.00414	-94.05	-75.66	0.00387
-95.46	-74.25	0.00362	-96.87	-72.83	0.00340
-98.99	-70.71	0.00310	-102.53	-67.18	0.00268
-106.07	-63.64	0.00234	-113.14	-56.57	0.00184
-120.21	-49.50	0.00150	-127.28	-42.43	0.00124
-134.35	-35.36	0.00104	-141.42	-28.28	0.00088
-148.49	-21.21	0.00076	-155.56	-14.14	0.00066
-21.21	-162.63	0.00099	-28.28	-155.56	0.00112
-35.36	-148.49	0.00126	-42.43	-141.42	0.00141
-49.50	-134.35	0.00158	-56.57	-127.28	0.00177
-63.64	-120.21	0.00196	-70.71	-113.14	0.00215
-74.25	-109.60	0.00224	-77.78	-106.07	0.00233
-79.90	-103.94	0.00238	-81.32	-102.53	0.00241
-82.73	-101.12	0.00246	-84.15	-99.70	0.00252
-85.56	-98.29	0.00261	-98.29	-85.56	0.00239
-99.70	-84.15	0.00214	-101.12	-82.73	0.00196
-102.53	-81.32	0.00184	-103.94	-79.90	0.00175
-106.07	-77.78	0.00163	-109.60	-74.25	0.00148
-113.14	-70.71	0.00136	-120.21	-63.64	0.00116
-127.28	-56.57	0.00100	-134.35	-49.50	0.00087
-141.42	-42.43	0.00075	-148.49	-35.36	0.00066

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00058	-162.63	-21.21	0.00052
-28.28	-169.71	0.00088	-35.36	-162.63	0.00098
-42.43	-155.56	0.00108	-49.50	-148.49	0.00119
-56.57	-141.42	0.00130	-63.64	-134.35	0.00141
-70.71	-127.28	0.00151	-77.78	-120.21	0.00157
-81.32	-116.67	0.00157	-84.85	-113.14	0.00155
-86.97	-111.02	0.00152	-88.39	-109.60	0.00149
-89.80	-108.19	0.00145	-91.22	-106.77	0.00141
-92.63	-105.36	0.00135	-105.36	-92.63	0.00090
-106.77	-91.22	0.00088	-108.19	-89.80	0.00086
-109.60	-88.39	0.00085	-111.02	-86.97	0.00084
-113.14	-84.85	0.00082	-116.67	-81.32	0.00080
-120.21	-77.78	0.00077	-127.28	-70.71	0.00072
-134.35	-63.64	0.00066	-141.42	-56.57	0.00060
-148.49	-49.50	0.00054	-155.56	-42.43	0.00049
-162.63	-35.36	0.00044	-169.71	-28.28	0.00040

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00077	-42.43	-169.71	0.00084
-49.50	-162.63	0.00091	-56.57	-155.56	0.00097
-63.64	-148.49	0.00104	-70.71	-141.42	0.00109
-77.78	-134.35	0.00113	-84.85	-127.28	0.00112
-88.39	-123.74	0.00109	-91.92	-120.21	0.00105
-94.05	-118.09	0.00101	-95.46	-116.67	0.00099
-96.87	-115.26	0.00096	-98.29	-113.84	0.00094
-99.70	-112.43	0.00091	-112.43	-99.70	0.00068
-113.84	-98.29	0.00067	-115.26	-96.87	0.00066
-116.67	-95.46	0.00065	-118.09	-94.05	0.00064
-120.21	-91.92	0.00063	-123.74	-88.39	0.00060
-127.28	-84.85	0.00058	-134.35	-77.78	0.00053
-141.42	-70.71	0.00049	-148.49	-63.64	0.00045
-155.56	-56.57	0.00041	-162.63	-49.50	0.00038
-169.71	-42.43	0.00035	-176.78	-35.36	0.00032
-42.43	-183.85	0.00066	-49.50	-176.78	0.00071
-56.57	-169.71	0.00075	-63.64	-162.63	0.00079
-70.71	-155.56	0.00083	-77.78	-148.49	0.00085

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00085	-91.92	-134.35	0.00083
-95.46	-130.81	0.00081	-98.99	-127.28	0.00078
-101.12	-125.16	0.00077	-102.53	-123.74	0.00076
-103.94	-122.33	0.00075	-105.36	-120.92	0.00073
-106.77	-119.50	0.00071	-119.50	-106.77	0.00055
-120.92	-105.36	0.00054	-122.33	-103.94	0.00053
-123.74	-102.53	0.00053	-125.16	-101.12	0.00052
-127.28	-98.99	0.00051	-130.81	-95.46	0.00049
-134.35	-91.92	0.00047	-141.42	-84.85	0.00044
-148.49	-77.78	0.00040	-155.56	-70.71	0.00037
-162.63	-63.64	0.00034	-169.71	-56.57	0.00031
-176.78	-49.50	0.00028	-183.85	-42.43	0.00026
-49.50	-190.92	0.00057	-56.57	-183.85	0.00060
-63.64	-176.78	0.00062	-70.71	-169.71	0.00064
-77.78	-162.63	0.00066	-84.85	-155.56	0.00067
-91.92	-148.49	0.00066	-98.99	-141.42	0.00065
-102.53	-137.89	0.00064	-106.07	-134.35	0.00063
-108.19	-132.23	0.00062	-109.60	-130.81	0.00061
-111.02	-129.40	0.00059	-112.43	-127.99	0.00058
-113.84	-126.57	0.00057	-126.57	-113.84	0.00046
-127.99	-112.43	0.00045	-129.40	-111.02	0.00044
-130.81	-109.60	0.00044	-132.23	-108.19	0.00043

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

20:46:52

**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	0.00042	-137.89	-102.53	0.00041
-141.42	-98.99	0.00039	-148.49	-91.92	0.00037
-155.56	-84.85	0.00034	-162.63	-77.78	0.00031
-169.71	-70.71	0.00029	-176.78	-63.64	0.00026
-183.85	-56.57	0.00024	-190.92	-49.50	0.00023
-56.57	-197.99	0.00048	-63.64	-190.92	0.00050
-70.71	-183.85	0.00051	-77.78	-176.78	0.00053
-84.85	-169.71	0.00053	-91.92	-162.63	0.00053
-98.99	-155.56	0.00053	-106.07	-148.49	0.00053
-109.60	-144.96	0.00053	-113.14	-141.42	0.00051
-115.26	-139.30	0.00050	-116.67	-137.89	0.00049
-118.09	-136.47	0.00048	-119.50	-135.06	0.00047

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00046	-133.64	-120.92	0.00039
-135.06	-119.50	0.00038	-136.47	-118.09	0.00037
-137.89	-116.67	0.00037	-139.30	-115.26	0.00036
-141.42	-113.14	0.00035	-144.96	-109.60	0.00034
-148.49	-106.07	0.00033	-155.56	-98.99	0.00031
-162.63	-91.92	0.00029	-169.71	-84.85	0.00027
-176.78	-77.78	0.00025	-183.85	-70.71	0.00023
-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	0.00043
-106.07	-162.63	0.00044	-113.14	-155.56	0.00044
-116.67	-152.03	0.00044	-120.21	-148.49	0.00042
-122.33	-146.37	0.00041	-123.74	-144.96	0.00040
-125.16	-143.54	0.00040	-126.57	-142.13	0.00039
-127.99	-140.71	0.00039	-140.71	-127.99	0.00033
-142.13	-126.57	0.00032	-143.54	-125.16	0.00032
-144.96	-123.74	0.00031	-146.37	-122.33	0.00031
-148.49	-120.21	0.00030	-152.03	-116.67	0.00029
-155.56	-113.14	0.00028	-162.63	-106.07	0.00026
-169.71	-98.99	0.00025	-176.78	-91.92	0.00023
-183.85	-84.85	0.00022	-190.92	-77.78	0.00021
-197.99	-70.71	0.00019	-205.06	-63.64	0.00018
-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	0.00037
-113.14	-169.71	0.00038	-120.21	-162.63	0.00037
-123.74	-159.10	0.00036	-127.28	-155.56	0.00035

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

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

20:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00034	-130.81	-152.03	0.00034
-132.23	-150.61	0.00033	-133.64	-149.20	0.00033
-135.06	-147.79	0.00033	-147.79	-135.06	0.00028
-149.20	-133.64	0.00028	-150.61	-132.23	0.00027
-152.03	-130.81	0.00027	-153.44	-129.40	0.00026
-155.56	-127.28	0.00026	-159.10	-123.74	0.00025

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00024	-169.71	-113.14	0.00023
-176.78	-106.07	0.00022	-183.85	-98.99	0.00020
-190.92	-91.92	0.00019	-197.99	-84.85	0.00018
-205.06	-77.78	0.00017	-212.13	-70.71	0.00016
-77.78	-219.20	0.00030	-84.85	-212.13	0.00030
-91.92	-205.06	0.00030	-98.99	-197.99	0.00030
-106.07	-190.92	0.00031	-113.14	-183.85	0.00032
-120.21	-176.78	0.00032	-127.28	-169.71	0.00032
-130.81	-166.17	0.00031	-134.35	-162.63	0.00030
-136.47	-160.51	0.00029	-137.89	-159.10	0.00029
-139.30	-157.68	0.00028	-140.71	-156.27	0.00028
-142.13	-154.86	0.00028	-154.86	-142.13	0.00024
-156.27	-140.71	0.00024	-157.68	-139.30	0.00023
-159.10	-137.89	0.00023	-160.51	-136.47	0.00023
-162.63	-134.35	0.00022	-166.17	-130.81	0.00022
-169.71	-127.28	0.00021	-176.78	-120.21	0.00020
-183.85	-113.14	0.00019	-190.92	-106.07	0.00018
-197.99	-98.99	0.00017	-205.06	-91.92	0.00016
-212.13	-84.85	0.00015	-219.20	-77.78	0.00015
-84.85	-226.27	0.00026	-91.92	-219.20	0.00026
-98.99	-212.13	0.00026	-106.07	-205.06	0.00026
-113.14	-197.99	0.00027	-120.21	-190.92	0.00028
-127.28	-183.85	0.00028	-134.35	-176.78	0.00027
-137.89	-173.24	0.00026	-141.42	-169.71	0.00025
-143.54	-167.58	0.00025	-144.96	-166.17	0.00025
-146.37	-164.76	0.00024	-147.79	-163.34	0.00024
-149.20	-161.93	0.00024	-161.93	-149.20	0.00021
-163.34	-147.79	0.00021	-164.76	-146.37	0.00020
-166.17	-144.96	0.00020	-167.58	-143.54	0.00020
-169.71	-141.42	0.00020	-173.24	-137.89	0.00019
-176.78	-134.35	0.00019	-183.85	-127.28	0.00018
-190.92	-120.21	0.00017	-197.99	-113.14	0.00016
-205.06	-106.07	0.00015	-212.13	-98.99	0.00014
-219.20	-91.92	0.00014	-226.27	-84.85	0.00013

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

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

20:46:52

**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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-233.35	0.00022	-98.99	-226.27	0.00022
-106.07	-219.20	0.00023	-113.14	-212.13	0.00023
-120.21	-205.06	0.00024	-127.28	-197.99	0.00025
-134.35	-190.92	0.00024	-141.42	-183.85	0.00023
-144.96	-180.31	0.00023	-148.49	-176.78	0.00022
-150.61	-174.66	0.00022	-152.03	-173.24	0.00021
-153.44	-171.83	0.00021	-154.86	-170.41	0.00021
-156.27	-169.00	0.00021	-169.00	-156.27	0.00019
-170.41	-154.86	0.00018	-171.83	-153.44	0.00018
-173.24	-152.03	0.00018	-174.66	-150.61	0.00018
-176.78	-148.49	0.00017	-180.31	-144.96	0.00017
-183.85	-141.42	0.00017	-190.92	-134.35	0.00016
-197.99	-127.28	0.00015	-205.06	-120.21	0.00014
-212.13	-113.14	0.00013	-219.20	-106.07	0.00013
-226.27	-98.99	0.00012	-233.35	-91.92	0.00012
-98.99	-240.42	0.00020	-106.07	-233.35	0.00020
-113.14	-226.27	0.00020	-120.21	-219.20	0.00021
-127.28	-212.13	0.00022	-134.35	-205.06	0.00022
-141.42	-197.99	0.00021	-148.49	-190.92	0.00020
-152.03	-187.38	0.00020	-155.56	-183.85	0.00019
-157.68	-181.73	0.00019	-159.10	-180.31	0.00019
-160.51	-178.90	0.00019	-161.93	-177.48	0.00019
-163.34	-176.07	0.00018	-176.07	-163.34	0.00017
-177.48	-161.93	0.00016	-178.90	-160.51	0.00016
-180.31	-159.10	0.00016	-181.73	-157.68	0.00016
-183.85	-155.56	0.00015	-187.38	-152.03	0.00015
-190.92	-148.49	0.00015	-197.99	-141.42	0.00014
-205.06	-134.35	0.00013	-212.13	-127.28	0.00013
-219.20	-120.21	0.00012	-226.27	-113.14	0.00012
-233.35	-106.07	0.00011	-240.42	-98.99	0.00011
-106.07	-247.49	0.00017	-113.14	-240.42	0.00018
-120.21	-233.35	0.00018	-127.28	-226.27	0.00019
-134.35	-219.20	0.00019	-141.42	-212.13	0.00019
-148.49	-205.06	0.00019	-155.56	-197.99	0.00018
-159.10	-194.45	0.00017	-162.63	-190.92	0.00017
-164.76	-188.80	0.00017	-166.17	-187.38	0.00017
-167.58	-185.97	0.00017	-169.00	-184.55	0.00017
-170.41	-183.14	0.00016	-183.14	-170.41	0.00015
-184.55	-169.00	0.00015	-185.97	-167.58	0.00014
-187.38	-166.17	0.00014	-188.80	-164.76	0.00014

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	
-190.92	-162.63	0.00014	-194.45	-159.10	0.00013	
-197.99	-155.56	0.00013	-205.06	-148.49	0.00013	
-212.13	-141.42	0.00012	-219.20	-134.35	0.00012	
-226.27	-127.28	0.00011	-233.35	-120.21	0.00010	
-240.42	-113.14	0.00010	-247.49	-106.07	0.00010	

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:46:52
 **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	
247.49	106.07	0.00022	240.42	113.14	0.00022	
233.35	120.21	0.00023	226.27	127.28	0.00023	
219.20	134.35	0.00024	212.13	141.42	0.00024	
205.06	148.49	0.00024	197.99	155.56	0.00025	
194.45	159.10	0.00025	190.92	162.63	0.00025	
188.80	164.76	0.00025	187.38	166.17	0.00025	
185.97	167.58	0.00025	184.55	169.00	0.00025	
183.14	170.41	0.00025	170.41	183.14	0.00026	
169.00	184.55	0.00026	167.58	185.97	0.00026	
166.17	187.38	0.00026	164.76	188.80	0.00026	
162.63	190.92	0.00026	159.10	194.45	0.00027	
155.56	197.99	0.00027	148.49	205.06	0.00027	
141.42	212.13	0.00027	134.35	219.20	0.00027	
127.28	226.27	0.00027	120.21	233.35	0.00026	
113.14	240.42	0.00026	106.07	247.49	0.00026	
240.42	98.99	0.00023	233.35	106.07	0.00024	
226.27	113.14	0.00024	219.20	120.21	0.00025	
212.13	127.28	0.00025	205.06	134.35	0.00026	
197.99	141.42	0.00026	190.92	148.49	0.00027	
187.38	152.03	0.00027	183.85	155.56	0.00027	
181.73	157.68	0.00027	180.31	159.10	0.00027	
178.90	160.51	0.00027	177.48	161.93	0.00027	
176.07	163.34	0.00027	163.34	176.07	0.00028	

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

161.93	177.48	0.00028	160.51	178.90	0.00028
159.10	180.31	0.00028	157.68	181.73	0.00029
155.56	183.85	0.00029	152.03	187.38	0.00029
148.49	190.92	0.00029	141.42	197.99	0.00029
134.35	205.06	0.00029	127.28	212.13	0.00029
120.21	219.20	0.00029	113.14	226.27	0.00029
106.07	233.35	0.00028	98.99	240.42	0.00028
233.35	91.92	0.00024	226.27	98.99	0.00025
219.20	106.07	0.00026	212.13	113.14	0.00027
205.06	120.21	0.00027	197.99	127.28	0.00028
190.92	134.35	0.00028	183.85	141.42	0.00029
180.31	144.96	0.00029	176.78	148.49	0.00029
174.66	150.61	0.00029	173.24	152.03	0.00029
171.83	153.44	0.00029	170.41	154.86	0.00029
169.00	156.27	0.00030	156.27	169.00	0.00031
154.86	170.41	0.00031	153.44	171.83	0.00031
152.03	173.24	0.00031	150.61	174.66	0.00031

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

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

20:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00031	144.96	180.31	0.00031
141.42	183.85	0.00031	134.35	190.92	0.00031
127.28	197.99	0.00031	120.21	205.06	0.00031
113.14	212.13	0.00031	106.07	219.20	0.00031
99.00	226.27	0.00031	91.92	233.35	0.00031
226.27	84.85	0.00026	219.20	91.92	0.00027
212.13	98.99	0.00028	205.06	106.07	0.00029
197.99	113.14	0.00030	190.92	120.21	0.00030
183.85	127.28	0.00031	176.78	134.35	0.00031
173.24	137.89	0.00031	169.71	141.42	0.00032
167.58	143.54	0.00032	166.17	144.96	0.00032
164.76	146.37	0.00032	163.34	147.79	0.00032
161.93	149.20	0.00032	149.20	161.93	0.00033
147.79	163.34	0.00033	146.37	164.76	0.00034
144.96	166.17	0.00034	143.54	167.58	0.00034
141.42	169.71	0.00034	137.89	173.24	0.00034
134.35	176.78	0.00034	127.28	183.85	0.00034

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00035	183.85	84.85	0.00037
176.78	91.92	0.00038	169.71	98.99	0.00039
162.63	106.07	0.00040	155.56	113.14	0.00041
152.03	116.67	0.00041	148.49	120.21	0.00042
146.37	122.33	0.00042	144.96	123.74	0.00042
143.54	125.16	0.00042	142.13	126.57	0.00042
140.71	127.99	0.00042	127.99	140.71	0.00044
126.57	142.13	0.00044	125.16	143.54	0.00045
123.74	144.96	0.00045	122.33	146.37	0.00045
120.21	148.49	0.00045	116.67	152.03	0.00045
113.14	155.56	0.00045	106.07	162.63	0.00045
98.99	169.71	0.00045	91.92	176.78	0.00045
84.85	183.85	0.00045	77.78	190.92	0.00044
70.71	197.99	0.00044	63.64	205.06	0.00044
197.99	56.57	0.00034	190.92	63.64	0.00036
183.85	70.71	0.00038	176.78	77.78	0.00040
169.71	84.85	0.00042	162.63	91.92	0.00043
155.56	98.99	0.00044	148.49	106.07	0.00045
144.96	109.60	0.00046	141.42	113.14	0.00046
139.30	115.26	0.00046	137.89	116.67	0.00046
136.47	118.09	0.00047	135.06	119.50	0.00047
133.64	120.92	0.00047	120.92	133.64	0.00049
119.50	135.06	0.00049	118.09	136.47	0.00050
116.67	137.89	0.00050	115.26	139.30	0.00050
113.14	141.42	0.00050	109.60	144.96	0.00050
106.07	148.49	0.00050	98.99	155.56	0.00050
91.92	162.63	0.00050	84.85	169.71	0.00050
77.78	176.78	0.00049	70.71	183.85	0.00049
63.64	190.92	0.00049	56.57	197.99	0.00049

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

20:46:52
 **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	0.00036	183.85	56.57	0.00038
176.78	63.64	0.00041	169.71	70.71	0.00044
162.63	77.78	0.00046	155.56	84.85	0.00048
148.49	91.92	0.00049	141.42	98.99	0.00050
137.89	102.53	0.00051	134.35	106.07	0.00051

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00052	130.81	109.60	0.00052
129.40	111.02	0.00052	127.99	112.43	0.00052
126.57	113.84	0.00052	113.84	126.57	0.00055
112.43	127.99	0.00055	111.02	129.40	0.00055
109.60	130.81	0.00056	108.19	132.23	0.00056
106.07	134.35	0.00056	102.53	137.89	0.00056
98.99	141.42	0.00056	91.92	148.49	0.00056
84.85	155.56	0.00056	77.78	162.63	0.00055
70.71	169.71	0.00055	63.64	176.78	0.00055
56.57	183.85	0.00055	49.50	190.92	0.00055
183.85	42.43	0.00038	176.78	49.50	0.00041
169.71	56.57	0.00044	162.63	63.64	0.00048
155.56	70.71	0.00050	148.49	77.78	0.00053
141.42	84.85	0.00055	134.35	91.92	0.00056
130.81	95.46	0.00057	127.28	98.99	0.00057
125.16	101.12	0.00058	123.74	102.53	0.00058
122.33	103.94	0.00058	120.92	105.36	0.00058
119.50	106.77	0.00059	106.77	119.50	0.00062
105.36	120.92	0.00062	103.94	122.33	0.00062
102.53	123.74	0.00063	101.12	125.16	0.00063
98.99	127.28	0.00063	95.46	130.81	0.00063
91.92	134.35	0.00063	84.85	141.42	0.00063
77.78	148.49	0.00062	70.71	155.56	0.00062
63.64	162.63	0.00062	56.57	169.71	0.00062
49.50	176.78	0.00062	42.43	183.85	0.00062
176.78	35.36	0.00040	169.71	42.43	0.00044
162.63	49.50	0.00048	155.56	56.57	0.00052
148.49	63.64	0.00056	141.42	70.71	0.00059
134.35	77.78	0.00061	127.28	84.85	0.00063
123.74	88.39	0.00064	120.21	91.92	0.00065
118.09	94.05	0.00065	116.67	95.46	0.00065
115.26	96.87	0.00066	113.84	98.29	0.00066
112.43	99.70	0.00066	99.70	112.43	0.00070
98.29	113.84	0.00070	96.87	115.26	0.00071
95.46	116.67	0.00071	94.05	118.09	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:46:52
 **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 **

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00071	88.39	123.74	0.00071
84.85	127.28	0.00071	77.78	134.35	0.00071
70.71	141.42	0.00071	63.64	148.49	0.00070
56.57	155.56	0.00070	49.50	162.63	0.00070
42.43	169.71	0.00070	35.36	176.78	0.00070
169.71	28.28	0.00043	162.63	35.36	0.00047
155.56	42.43	0.00052	148.49	49.50	0.00057
141.42	56.57	0.00061	134.35	63.64	0.00065
127.28	70.71	0.00069	120.21	77.78	0.00071
116.67	81.32	0.00072	113.14	84.85	0.00073
111.02	86.97	0.00074	109.60	88.39	0.00074
108.19	89.80	0.00075	106.77	91.22	0.00075
105.36	92.63	0.00076	92.63	105.36	0.00080
91.22	106.77	0.00080	89.80	108.19	0.00081
88.39	109.60	0.00081	86.97	111.02	0.00081
84.85	113.14	0.00082	81.32	116.67	0.00082
77.78	120.21	0.00082	70.71	127.28	0.00081
63.64	134.35	0.00081	56.57	141.42	0.00080
49.50	148.49	0.00080	42.43	155.56	0.00080
35.36	162.63	0.00080	28.28	169.71	0.00079
162.63	21.21	0.00047	155.56	28.28	0.00051
148.49	35.36	0.00056	141.42	42.43	0.00061
134.35	49.50	0.00067	127.28	56.57	0.00073
120.21	63.64	0.00078	113.14	70.71	0.00081
109.60	74.25	0.00083	106.07	77.78	0.00084
103.94	79.90	0.00085	102.53	81.32	0.00085
101.12	82.73	0.00086	99.70	84.15	0.00086
98.29	85.56	0.00087	85.56	98.29	0.00092
84.15	99.70	0.00093	82.73	101.12	0.00093
81.32	102.53	0.00094	79.90	103.94	0.00094
77.78	106.07	0.00094	74.25	109.60	0.00094
70.71	113.14	0.00094	63.64	120.21	0.00094
56.57	127.28	0.00093	49.50	134.35	0.00093
42.43	141.42	0.00093	35.36	148.49	0.00093
28.28	155.56	0.00091	21.21	162.63	0.00089
155.56	14.14	0.00051	148.49	21.21	0.00055
141.42	28.28	0.00060	134.35	35.36	0.00067
127.28	42.43	0.00074	120.21	49.50	0.00081
113.14	56.57	0.00088	106.07	63.64	0.00093
102.53	67.18	0.00095	98.99	70.71	0.00097

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**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	0.00098	95.46	74.25	0.00099
94.05	75.66	0.00099	92.63	77.07	0.00100
91.22	78.49	0.00101	78.49	91.22	0.00108
77.07	92.63	0.00109	75.66	94.05	0.00109
74.25	95.46	0.00109	72.83	96.87	0.00110
70.71	98.99	0.00110	67.18	102.53	0.00110
63.64	106.07	0.00110	56.57	113.14	0.00109
49.50	120.21	0.00109	42.43	127.28	0.00109
35.36	134.35	0.00109	28.28	141.42	0.00107
21.21	148.49	0.00104	14.14	155.56	0.00101
148.49	7.07	0.00055	141.42	14.14	0.00060
134.35	21.21	0.00066	127.28	28.28	0.00073
120.21	35.36	0.00081	113.14	42.43	0.00091
106.07	49.50	0.00100	98.99	56.57	0.00107
95.46	60.10	0.00110	91.92	63.64	0.00113
89.80	65.76	0.00114	88.39	67.18	0.00115
86.97	68.59	0.00116	85.56	70.00	0.00117
84.15	71.42	0.00118	71.42	84.15	0.00128
70.00	85.56	0.00128	68.59	86.97	0.00129
67.18	88.39	0.00129	65.76	89.80	0.00130
63.64	91.92	0.00130	60.10	95.46	0.00130
56.57	98.99	0.00130	49.50	106.07	0.00129
42.43	113.14	0.00130	35.36	120.21	0.00130
28.28	127.28	0.00128	21.21	134.35	0.00124
14.14	141.42	0.00119	7.07	148.49	0.00113
141.42	0.00	0.00061	134.35	7.07	0.00067
127.28	14.14	0.00073	120.21	21.21	0.00081
113.14	28.28	0.00090	106.07	35.36	0.00101
98.99	42.43	0.00113	91.92	49.50	0.00125
88.39	53.03	0.00129	84.85	56.57	0.00133
82.73	58.69	0.00135	81.32	60.10	0.00136
79.90	61.52	0.00138	78.49	62.93	0.00139
77.07	64.35	0.00140	64.35	77.07	0.00153
62.93	78.49	0.00154	61.52	79.90	0.00155
60.10	81.32	0.00155	58.69	82.73	0.00156
56.57	84.85	0.00156	53.03	88.39	0.00156
49.50	91.92	0.00156	42.43	98.99	0.00156

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

35.36	106.07	0.00157	28.28	113.14	0.00155
21.21	120.21	0.00150	14.14	127.28	0.00144
7.07	134.35	0.00136	0.00	141.42	0.00127

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

20:46:52
 **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	0.00068	127.28	0.00	0.00074
120.21	7.07	0.00081	113.14	14.14	0.00090
106.07	21.21	0.00100	98.99	28.28	0.00113
91.92	35.36	0.00128	84.85	42.43	0.00144
81.32	45.96	0.00152	77.78	49.50	0.00158
75.66	51.62	0.00161	74.25	53.03	0.00163
72.83	54.45	0.00165	71.42	55.86	0.00167
70.00	57.28	0.00169	57.28	70.00	0.00187
55.86	71.42	0.00189	54.45	72.83	0.00189
53.03	74.25	0.00190	51.62	75.66	0.00190
49.50	77.78	0.00191	45.96	81.32	0.00191
42.43	84.85	0.00192	35.36	91.92	0.00194
28.28	98.99	0.00192	21.21	106.07	0.00186
14.14	113.14	0.00176	7.07	120.21	0.00165
0.00	127.28	0.00153	-7.07	134.35	0.00140
127.28	-14.14	0.00075	120.21	-7.07	0.00082
113.14	0.00	0.00091	106.07	7.07	0.00101
98.99	14.14	0.00113	91.92	21.21	0.00128
84.85	28.28	0.00145	77.78	35.36	0.00166
74.25	38.89	0.00177	70.71	42.43	0.00188
68.59	44.55	0.00193	67.18	45.96	0.00197
65.76	47.38	0.00200	64.35	48.79	0.00203
62.93	50.20	0.00206	50.20	62.93	0.00234
48.79	64.35	0.00236	47.38	65.76	0.00237
45.96	67.18	0.00238	44.55	68.59	0.00238
42.43	70.71	0.00239	38.89	74.25	0.00241
35.36	77.78	0.00243	28.28	84.85	0.00243
21.21	91.92	0.00235	14.14	98.99	0.00221
7.07	106.07	0.00205	0.00	113.14	0.00187
-7.07	120.21	0.00169	-14.14	127.28	0.00152
120.21	-21.21	0.00083	113.14	-14.14	0.00092

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00102	98.99	0.00	0.00114
91.92	7.07	0.00129	84.85	14.14	0.00146
77.78	21.21	0.00166	70.71	28.28	0.00191
67.18	31.82	0.00206	63.64	35.36	0.00222
61.52	37.48	0.00232	60.10	38.89	0.00238
58.69	40.31	0.00244	57.28	41.72	0.00249
55.86	43.13	0.00255	43.13	55.86	0.00302
41.72	57.28	0.00305	40.31	58.69	0.00307
38.89	60.10	0.00308	37.48	61.52	0.00310

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

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

20:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00313	31.82	67.18	0.00317
28.28	70.71	0.00317	21.21	77.78	0.00306
14.14	84.85	0.00285	7.07	91.92	0.00259
0.00	98.99	0.00233	-7.07	106.07	0.00207
-14.14	113.14	0.00184	-21.21	120.21	0.00162
113.14	-28.28	0.00093	106.07	-21.21	0.00103
98.99	-14.14	0.00115	91.92	-7.07	0.00130
84.85	0.00	0.00148	77.78	7.07	0.00169
70.71	14.14	0.00193	63.64	21.21	0.00223
60.10	24.75	0.00240	56.57	28.28	0.00260
54.45	30.41	0.00274	53.03	31.82	0.00285
51.62	33.23	0.00295	50.20	34.65	0.00306
48.79	36.06	0.00317	36.06	48.79	0.00410
34.65	50.20	0.00415	33.23	51.62	0.00419
31.82	53.03	0.00424	30.41	54.45	0.00426
28.28	56.57	0.00428	24.75	60.10	0.00423
21.21	63.64	0.00411	14.14	70.71	0.00375
7.07	77.78	0.00333	0.00	84.85	0.00293
-7.07	91.92	0.00256	-14.14	98.99	0.00223
-21.21	106.07	0.00194	-28.28	113.14	0.00169
106.07	-35.36	0.00102	98.99	-28.28	0.00115
91.92	-21.21	0.00130	84.85	-14.14	0.00148
77.78	-7.07	0.00169	70.71	0.00	0.00196
63.64	7.07	0.00227	56.57	14.14	0.00265
53.03	17.68	0.00287	49.50	21.21	0.00312

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00330	45.96	24.75	0.00343
44.55	26.16	0.00358	43.13	27.58	0.00375
41.72	28.99	0.00396	28.99	41.72	0.00606
27.58	43.13	0.00605	26.16	44.55	0.00599
24.75	45.96	0.00591	23.33	47.38	0.00581
21.21	49.50	0.00564	17.68	53.03	0.00532
14.14	56.57	0.00498	7.07	63.64	0.00431
0.00	70.71	0.00371	-7.07	77.78	0.00318
-14.14	84.85	0.00272	-21.21	91.92	0.00233
-28.28	98.99	0.00200	-35.36	106.07	0.00173
98.99	-42.43	0.00111	91.92	-35.36	0.00126
84.85	-28.28	0.00144	77.78	-21.21	0.00165
70.71	-14.14	0.00191	63.64	-7.07	0.00224
56.57	0.00	0.00264	49.50	7.07	0.00313
45.96	10.61	0.00343	42.43	14.14	0.00379

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

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

20:46:52

**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	0.00404	38.89	17.68	0.00424
37.48	19.09	0.00446	36.06	20.51	0.00475
34.65	21.92	0.00510	21.92	34.65	0.00741
20.51	36.06	0.00716	19.09	37.48	0.00695
17.68	38.89	0.00676	16.26	40.31	0.00657
14.14	42.43	0.00630	10.61	45.96	0.00586
7.07	49.50	0.00542	0.00	56.57	0.00461
-7.07	63.64	0.00390	-14.14	70.71	0.00330
-21.21	77.78	0.00278	-28.28	84.85	0.00235
-35.36	91.92	0.00200	-42.43	98.99	0.00171
91.92	-49.50	0.00119	84.85	-42.43	0.00136
77.78	-35.36	0.00156	70.71	-28.28	0.00181
63.64	-21.21	0.00210	56.57	-14.14	0.00246
49.50	-7.07	0.00291	42.43	0.00	0.00346
38.89	3.54	0.00378	35.36	7.07	0.00415
33.23	9.19	0.00440	31.82	10.61	0.00459
30.41	12.02	0.00480	28.99	13.44	0.00505
27.58	14.85	0.00538	14.85	27.58	0.00744
13.44	28.99	0.00719	12.02	30.41	0.00697

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00677	9.19	33.23	0.00659
7.07	35.36	0.00631	3.54	38.89	0.00586
0.00	42.43	0.00543	-7.07	49.50	0.00462
-14.14	56.57	0.00388	-21.21	63.64	0.00325
-28.28	70.71	0.00272	-35.36	77.78	0.00228
-42.43	84.85	0.00193	-49.50	91.92	0.00164
84.85	-56.57	0.00124	77.78	-49.50	0.00143
70.71	-42.43	0.00165	63.64	-35.36	0.00191
56.57	-28.28	0.00222	49.50	-21.21	0.00260
42.43	-14.14	0.00305	35.36	-7.07	0.00358
31.82	-3.54	0.00389	28.28	0.00	0.00422
26.16	2.12	0.00445	24.75	3.54	0.00463
23.33	4.95	0.00482	21.92	6.36	0.00506
20.51	7.78	0.00537	7.78	20.51	0.00733
6.36	21.92	0.00708	4.95	23.33	0.00686
3.54	24.75	0.00666	2.12	26.16	0.00647
0.00	28.28	0.00619	-3.54	31.82	0.00573
-7.07	35.36	0.00530	-14.14	42.43	0.00447
-21.21	49.50	0.00372	-28.28	56.57	0.00309
-35.36	63.64	0.00256	-42.43	70.71	0.00214
-49.50	77.78	0.00180	-56.57	84.85	0.00152

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

20:46:52
 **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	0.00126	70.71	-56.57	0.00145
63.64	-49.50	0.00168	56.57	-42.43	0.00196
49.50	-35.36	0.00228	42.43	-28.28	0.00265
35.36	-21.21	0.00307	28.28	-14.14	0.00356
24.75	-10.61	0.00383	21.21	-7.07	0.00414
19.09	-4.95	0.00436	17.68	-3.54	0.00453
16.26	-2.12	0.00472	14.85	-0.71	0.00495
13.44	0.71	0.00524	0.71	13.44	0.00713
-0.71	14.85	0.00686	-2.12	16.26	0.00664
-3.54	17.68	0.00644	-4.95	19.09	0.00625
-7.07	21.21	0.00597	-10.61	24.75	0.00551
-14.14	28.28	0.00506	-21.21	35.36	0.00421
-28.28	42.43	0.00346	-35.36	49.50	0.00283

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00233	-49.50	63.64	0.00193
-56.57	70.71	0.00162	-63.64	77.78	0.00137
70.71	-70.71	0.00126	63.64	-63.64	0.00145
56.57	-56.57	0.00168	49.50	-49.50	0.00195
42.43	-42.43	0.00226	35.36	-35.36	0.00263
28.28	-28.28	0.00302	21.21	-21.21	0.00343
17.68	-17.68	0.00367	14.14	-14.14	0.00396
12.02	-12.02	0.00417	10.61	-10.61	0.00432
9.19	-9.19	0.00451	7.78	-7.78	0.00472
6.36	-6.36	0.00500	-6.36	6.36	0.00680
-7.78	7.78	0.00653	-9.19	9.19	0.00631
-10.61	10.61	0.00610	-12.02	12.02	0.00590
-14.14	14.14	0.00562	-17.68	17.68	0.00516
-21.21	21.21	0.00470	-28.28	28.28	0.00383
-35.36	35.36	0.00309	-42.43	42.43	0.00250
-49.50	49.50	0.00204	-56.57	56.57	0.00169
-63.64	63.64	0.00141	-70.71	70.71	0.00119
63.64	-77.78	0.00123	56.57	-70.71	0.00141
49.50	-63.64	0.00163	42.43	-56.57	0.00188
35.36	-49.50	0.00218	28.28	-42.43	0.00252
21.21	-35.36	0.00288	14.14	-28.28	0.00324
10.61	-24.75	0.00344	7.07	-21.21	0.00369
4.95	-19.09	0.00387	3.54	-17.68	0.00401
2.12	-16.26	0.00418	0.71	-14.85	0.00438
-0.71	-13.44	0.00463	-13.44	-0.71	0.00631
-14.85	0.71	0.00604	-16.26	2.12	0.00581
-17.68	3.54	0.00560	-19.09	4.95	0.00540

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

20:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00511	-24.75	10.61	0.00463
-28.28	14.14	0.00416	-35.36	21.21	0.00330
-42.43	28.28	0.00262	-49.50	35.36	0.00210
-56.57	42.43	0.00171	-63.64	49.50	0.00141
-70.71	56.57	0.00118	-77.78	63.64	0.00101
56.57	-84.85	0.00118	49.50	-77.78	0.00134
42.43	-70.71	0.00154	35.36	-63.64	0.00177

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00204	21.21	-49.50	0.00234
14.14	-42.43	0.00266	7.07	-35.36	0.00299
3.54	-31.82	0.00316	0.00	-28.28	0.00334
-2.12	-26.16	0.00348	-3.54	-24.75	0.00359
-4.95	-23.33	0.00372	-6.36	-21.92	0.00389
-7.78	-20.51	0.00413	-20.51	-7.78	0.00559
-21.92	-6.36	0.00531	-23.33	-4.95	0.00507
-24.75	-3.54	0.00485	-26.16	-2.12	0.00464
-28.28	0.00	0.00432	-31.82	3.54	0.00382
-35.36	7.07	0.00336	-42.43	14.14	0.00262
-49.50	21.21	0.00207	-56.57	28.28	0.00166
-63.64	35.36	0.00136	-70.71	42.43	0.00114
-77.78	49.50	0.00096	-84.85	56.57	0.00083
49.50	-91.92	0.00109	42.43	-84.85	0.00124
35.36	-77.78	0.00141	28.28	-70.71	0.00161
21.21	-63.64	0.00184	14.14	-56.57	0.00209
7.07	-49.50	0.00236	0.00	-42.43	0.00264
-3.54	-38.89	0.00278	-7.07	-35.36	0.00292
-9.19	-33.23	0.00301	-10.61	-31.82	0.00308
-12.02	-30.41	0.00316	-13.44	-28.99	0.00328
-14.85	-27.58	0.00345	-27.58	-14.85	0.00445
-28.99	-13.44	0.00414	-30.41	-12.02	0.00387
-31.82	-10.61	0.00362	-33.23	-9.19	0.00340
-35.36	-7.07	0.00310	-38.89	-3.54	0.00268
-42.43	0.00	0.00234	-49.50	7.07	0.00184
-56.57	14.14	0.00150	-63.64	21.21	0.00124
-70.71	28.28	0.00104	-77.78	35.36	0.00088
-84.85	42.43	0.00076	-91.92	49.50	0.00066
42.43	-98.99	0.00099	35.36	-91.92	0.00112
28.28	-84.85	0.00126	21.21	-77.78	0.00141
14.14	-70.71	0.00158	7.07	-63.64	0.00177
0.00	-56.57	0.00196	-7.07	-49.50	0.00215
-10.61	-45.96	0.00224	-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 ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00238	-17.68	-38.89	0.00241

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00246	-20.51	-36.06	0.00252
-21.92	-34.65	0.00261	-34.65	-21.92	0.00239
-36.06	-20.51	0.00214	-37.48	-19.09	0.00196
-38.89	-17.68	0.00184	-40.31	-16.26	0.00174
-42.43	-14.14	0.00163	-45.96	-10.61	0.00148
-49.50	-7.07	0.00136	-56.57	0.00	0.00116
-63.64	7.07	0.00100	-70.71	14.14	0.00087
-77.78	21.21	0.00075	-84.85	28.28	0.00066
-91.92	35.36	0.00058	-98.99	42.43	0.00052
35.36	-106.07	0.00088	28.28	-98.99	0.00098
21.21	-91.92	0.00108	14.14	-84.85	0.00119
7.07	-77.78	0.00130	0.00	-70.71	0.00141
-7.07	-63.64	0.00151	-14.14	-56.57	0.00157
-17.68	-53.03	0.00157	-21.21	-49.50	0.00155
-23.33	-47.38	0.00152	-24.75	-45.96	0.00149
-26.16	-44.55	0.00145	-27.58	-43.13	0.00141
-28.99	-41.72	0.00135	-41.72	-28.99	0.00090
-43.13	-27.58	0.00088	-44.55	-26.16	0.00086
-45.96	-24.75	0.00085	-47.38	-23.33	0.00084
-49.50	-21.21	0.00082	-53.03	-17.68	0.00080
-56.57	-14.14	0.00077	-63.64	-7.07	0.00072
-70.71	0.00	0.00066	-77.78	7.07	0.00060
-84.85	14.14	0.00054	-91.92	21.21	0.00049
-98.99	28.28	0.00044	-106.07	35.36	0.00040
28.28	-113.14	0.00077	21.21	-106.07	0.00084
14.14	-98.99	0.00091	7.07	-91.92	0.00097
0.00	-84.85	0.00104	-7.07	-77.78	0.00109
-14.14	-70.71	0.00113	-21.21	-63.64	0.00112
-24.75	-60.10	0.00109	-28.28	-56.57	0.00105
-30.41	-54.45	0.00101	-31.82	-53.03	0.00099
-33.23	-51.62	0.00096	-34.65	-50.20	0.00094
-36.06	-48.79	0.00091	-48.79	-36.06	0.00068
-50.20	-34.65	0.00067	-51.62	-33.23	0.00066
-53.03	-31.82	0.00065	-54.45	-30.41	0.00064
-56.57	-28.28	0.00063	-60.10	-24.75	0.00060
-63.64	-21.21	0.00058	-70.71	-14.14	0.00053
-77.78	-7.07	0.00049	-84.85	0.00	0.00045
-91.92	7.07	0.00041	-98.99	14.14	0.00038
-106.07	21.21	0.00035	-113.14	28.28	0.00032

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-120.21	0.00066	14.14	-113.14	0.00071
7.07	-106.07	0.00075	0.00	-98.99	0.00079
-7.07	-91.92	0.00083	-14.14	-84.85	0.00085
-21.21	-77.78	0.00085	-28.28	-70.71	0.00083
-31.82	-67.18	0.00081	-35.36	-63.64	0.00078
-37.48	-61.52	0.00077	-38.89	-60.10	0.00076
-40.31	-58.69	0.00074	-41.72	-57.28	0.00073
-43.13	-55.86	0.00071	-55.86	-43.13	0.00055
-57.28	-41.72	0.00054	-58.69	-40.31	0.00053
-60.10	-38.89	0.00053	-61.52	-37.48	0.00052
-63.64	-35.36	0.00051	-67.18	-31.82	0.00049
-70.71	-28.28	0.00047	-77.78	-21.21	0.00044
-84.85	-14.14	0.00040	-91.92	-7.07	0.00037
-98.99	0.00	0.00034	-106.07	7.07	0.00031
-113.14	14.14	0.00028	-120.21	21.21	0.00026
14.14	-127.28	0.00057	7.07	-120.21	0.00060
0.00	-113.14	0.00062	-7.07	-106.07	0.00064
-14.14	-98.99	0.00066	-21.21	-91.92	0.00067
-28.28	-84.85	0.00066	-35.36	-77.78	0.00065
-38.89	-74.25	0.00064	-42.43	-70.71	0.00063
-44.55	-68.59	0.00062	-45.96	-67.18	0.00061
-47.38	-65.76	0.00059	-48.79	-64.35	0.00058
-50.20	-62.93	0.00057	-62.93	-50.20	0.00046
-64.35	-48.79	0.00045	-65.76	-47.38	0.00044
-67.18	-45.96	0.00044	-68.59	-44.55	0.00043
-70.71	-42.43	0.00042	-74.25	-38.89	0.00041
-77.78	-35.36	0.00039	-84.85	-28.28	0.00037
-91.92	-21.21	0.00034	-98.99	-14.14	0.00031
-106.07	-7.07	0.00029	-113.14	0.00	0.00026
-120.21	7.07	0.00024	-127.28	14.14	0.00023
7.07	-134.35	0.00048	0.00	-127.28	0.00050
-7.07	-120.21	0.00051	-14.14	-113.14	0.00053
-21.21	-106.07	0.00053	-28.28	-98.99	0.00053
-35.36	-91.92	0.00053	-42.43	-84.85	0.00053
-45.96	-81.32	0.00053	-49.50	-77.78	0.00051
-51.62	-75.66	0.00050	-53.03	-74.25	0.00049
-54.45	-72.83	0.00048	-55.86	-71.42	0.00047
-57.28	-70.00	0.00046	-70.00	-57.28	0.00039
-71.42	-55.86	0.00038	-72.83	-54.45	0.00037

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00019	-134.35	-21.21	0.00018
-141.42	-14.14	0.00017	-148.49	-7.07	0.00016
-14.14	-155.56	0.00030	-21.21	-148.49	0.00030
-28.28	-141.42	0.00030	-35.36	-134.35	0.00030
-42.43	-127.28	0.00031	-49.50	-120.21	0.00032
-56.57	-113.14	0.00032	-63.64	-106.07	0.00032
-67.18	-102.53	0.00031	-70.71	-98.99	0.00030

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_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	0.00029	-74.25	-95.46	0.00029
-75.66	-94.05	0.00028	-77.07	-92.63	0.00028
-78.49	-91.22	0.00028	-91.22	-78.49	0.00024
-92.63	-77.07	0.00024	-94.05	-75.66	0.00023
-95.46	-74.25	0.00023	-96.87	-72.83	0.00023
-98.99	-70.71	0.00022	-102.53	-67.18	0.00022
-106.07	-63.64	0.00021	-113.14	-56.57	0.00020
-120.21	-49.50	0.00019	-127.28	-42.43	0.00018
-134.35	-35.36	0.00017	-141.42	-28.28	0.00016
-148.49	-21.21	0.00015	-155.56	-14.14	0.00015
-21.21	-162.63	0.00026	-28.28	-155.56	0.00026
-35.36	-148.49	0.00026	-42.43	-141.42	0.00026
-49.50	-134.35	0.00027	-56.57	-127.28	0.00028
-63.64	-120.21	0.00028	-70.71	-113.14	0.00027
-74.25	-109.60	0.00026	-77.78	-106.07	0.00025
-79.90	-103.94	0.00025	-81.32	-102.53	0.00025
-82.73	-101.12	0.00024	-84.15	-99.70	0.00024
-85.56	-98.29	0.00024	-98.29	-85.56	0.00021
-99.70	-84.15	0.00021	-101.12	-82.73	0.00020
-102.53	-81.32	0.00020	-103.94	-79.90	0.00020
-106.07	-77.78	0.00020	-109.60	-74.25	0.00019
-113.14	-70.71	0.00019	-120.21	-63.64	0.00018
-127.28	-56.57	0.00017	-134.35	-49.50	0.00016
-141.42	-42.43	0.00015	-148.49	-35.36	0.00014
-155.56	-28.28	0.00014	-162.63	-21.21	0.00013
-28.28	-169.71	0.00022	-35.36	-162.63	0.00022
-42.43	-155.56	0.00023	-49.50	-148.49	0.00023

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-103.94	-122.33	0.00017	-105.36	-120.92	0.00017
-106.77	-119.50	0.00016	-119.50	-106.77	0.00015
-120.92	-105.36	0.00015	-122.33	-103.94	0.00014
-123.74	-102.53	0.00014	-125.16	-101.12	0.00014
-127.28	-98.99	0.00014	-130.81	-95.46	0.00013
-134.35	-91.92	0.00013	-141.42	-84.85	0.00013
-148.49	-77.78	0.00012	-155.56	-70.71	0.00012
-162.63	-63.64	0.00011	-169.71	-56.57	0.00010
-176.78	-49.50	0.00010	-183.85	-42.43	0.00010
-49.50	-190.92	0.00016	-56.57	-183.85	0.00016
-63.64	-176.78	0.00017	-70.71	-169.71	0.00017
-77.78	-162.63	0.00017	-84.85	-155.56	0.00017
-91.92	-148.49	0.00016	-98.99	-141.42	0.00016
-102.53	-137.89	0.00015	-106.07	-134.35	0.00015
-108.19	-132.23	0.00015	-109.60	-130.81	0.00015
-111.02	-129.40	0.00015	-112.43	-127.99	0.00015
-113.84	-126.57	0.00015	-126.57	-113.84	0.00013
-127.99	-112.43	0.00013	-129.40	-111.02	0.00013
-130.81	-109.60	0.00013	-132.23	-108.19	0.00013

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	0.00012	-137.89	-102.53	0.00012
-141.42	-98.99	0.00012	-148.49	-91.92	0.00011
-155.56	-84.85	0.00011	-162.63	-77.78	0.00010
-169.71	-70.71	0.00010	-176.78	-63.64	0.00010
-183.85	-56.57	0.00009	-190.92	-49.50	0.00009
-56.57	-197.99	0.00014	-63.64	-190.92	0.00015
-70.71	-183.85	0.00015	-77.78	-176.78	0.00015
-84.85	-169.71	0.00015	-91.92	-162.63	0.00015
-98.99	-155.56	0.00015	-106.07	-148.49	0.00014
-109.60	-144.96	0.00014	-113.14	-141.42	0.00014
-115.26	-139.30	0.00013	-116.67	-137.89	0.00013
-118.09	-136.47	0.00013	-119.50	-135.06	0.00013
-120.92	-133.64	0.00013	-133.64	-120.92	0.00012
-135.06	-119.50	0.00012	-136.47	-118.09	0.00012
-137.89	-116.67	0.00012	-139.30	-115.26	0.00011

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00011	-144.96	-109.60	0.00011
-148.49	-106.07	0.00011	-155.56	-98.99	0.00010
-162.63	-91.92	0.00010	-169.71	-84.85	0.00010
-176.78	-77.78	0.00009	-183.85	-70.71	0.00009
-190.92	-63.64	0.00008	-197.99	-56.57	0.00008
-63.64	-205.06	0.00013	-70.71	-197.99	0.00014
-77.78	-190.92	0.00014	-84.85	-183.85	0.00014
-91.92	-176.78	0.00014	-98.99	-169.71	0.00014
-106.07	-162.63	0.00013	-113.14	-155.56	0.00013
-116.67	-152.03	0.00012	-120.21	-148.49	0.00012
-122.33	-146.37	0.00012	-123.74	-144.96	0.00012
-125.16	-143.54	0.00012	-126.57	-142.13	0.00012
-127.99	-140.71	0.00012	-140.71	-127.99	0.00011
-142.13	-126.57	0.00011	-143.54	-125.16	0.00011
-144.96	-123.74	0.00010	-146.37	-122.33	0.00010
-148.49	-120.21	0.00010	-152.03	-116.67	0.00010
-155.56	-113.14	0.00010	-162.63	-106.07	0.00009
-169.71	-98.99	0.00009	-176.78	-91.92	0.00009
-183.85	-84.85	0.00008	-190.92	-77.78	0.00008
-197.99	-70.71	0.00008	-205.06	-63.64	0.00007
-70.71	-212.13	0.00012	-77.78	-205.06	0.00013
-84.85	-197.99	0.00013	-91.92	-190.92	0.00013
-98.99	-183.85	0.00013	-106.07	-176.78	0.00012
-113.14	-169.71	0.00012	-120.21	-162.63	0.00011
-123.74	-159.10	0.00011	-127.28	-155.56	0.00011

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	0.00011	-130.81	-152.03	0.00011
-132.23	-150.61	0.00011	-133.64	-149.20	0.00011
-135.06	-147.79	0.00011	-147.79	-135.06	0.00010
-149.20	-133.64	0.00010	-150.61	-132.23	0.00010
-152.03	-130.81	0.00010	-153.44	-129.40	0.00009
-155.56	-127.28	0.00009	-159.10	-123.74	0.00009
-162.63	-120.21	0.00009	-169.71	-113.14	0.00009
-176.78	-106.07	0.00008	-183.85	-98.99	0.00008
-190.92	-91.92	0.00008	-197.99	-84.85	0.00007

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-77.78	0.00007	-212.13	-70.71	0.00007
-77.78	-219.20	0.00011	-84.85	-212.13	0.00012
-91.92	-205.06	0.00012	-98.99	-197.99	0.00012
-106.07	-190.92	0.00011	-113.14	-183.85	0.00011
-120.21	-176.78	0.00011	-127.28	-169.71	0.00010
-130.81	-166.17	0.00010	-134.35	-162.63	0.00010
-136.47	-160.51	0.00010	-137.89	-159.10	0.00010
-139.30	-157.68	0.00010	-140.71	-156.27	0.00010
-142.13	-154.86	0.00010	-154.86	-142.13	0.00009
-156.27	-140.71	0.00009	-157.68	-139.30	0.00009
-159.10	-137.89	0.00009	-160.51	-136.47	0.00009
-162.63	-134.35	0.00009	-166.17	-130.81	0.00008
-169.71	-127.28	0.00008	-176.78	-120.21	0.00008
-183.85	-113.14	0.00008	-190.92	-106.07	0.00008
-197.99	-98.99	0.00007	-205.06	-91.92	0.00007
-212.13	-84.85	0.00007	-219.20	-77.78	0.00006
-84.85	-226.27	0.00010	-91.92	-219.20	0.00011
-98.99	-212.13	0.00011	-106.07	-205.06	0.00011
-113.14	-197.99	0.00010	-120.21	-190.92	0.00010
-127.28	-183.85	0.00010	-134.35	-176.78	0.00009
-137.89	-173.24	0.00009	-141.42	-169.71	0.00009
-143.54	-167.58	0.00009	-144.96	-166.17	0.00009
-146.37	-164.76	0.00009	-147.79	-163.34	0.00009
-149.20	-161.93	0.00009	-161.93	-149.20	0.00008
-163.34	-147.79	0.00008	-164.76	-146.37	0.00008
-166.17	-144.96	0.00008	-167.58	-143.54	0.00008
-169.71	-141.42	0.00008	-173.24	-137.89	0.00008
-176.78	-134.35	0.00008	-183.85	-127.28	0.00007
-190.92	-120.21	0.00007	-197.99	-113.14	0.00007
-205.06	-106.07	0.00007	-212.13	-98.99	0.00006
-219.20	-91.92	0.00006	-226.27	-84.85	0.00006

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

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

20:46:52
 **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	0.00010	-98.99	-226.27	0.00010
-106.07	-219.20	0.00010	-113.14	-212.13	0.00010
-120.21	-205.06	0.00010	-127.28	-197.99	0.00009

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-134.35	-190.92	0.00009	-141.42	-183.85	0.00009
-144.96	-180.31	0.00009	-148.49	-176.78	0.00009
-150.61	-174.66	0.00008	-152.03	-173.24	0.00008
-153.44	-171.83	0.00008	-154.86	-170.41	0.00008
-156.27	-169.00	0.00008	-169.00	-156.27	0.00008
-170.41	-154.86	0.00008	-171.83	-153.44	0.00008
-173.24	-152.03	0.00008	-174.66	-150.61	0.00007
-176.78	-148.49	0.00007	-180.31	-144.96	0.00007
-183.85	-141.42	0.00007	-190.92	-134.35	0.00007
-197.99	-127.28	0.00007	-205.06	-120.21	0.00006
-212.13	-113.14	0.00006	-219.20	-106.07	0.00006
-226.27	-98.99	0.00006	-233.35	-91.92	0.00006
-98.99	-240.42	0.00009	-106.07	-233.35	0.00009
-113.14	-226.27	0.00009	-120.21	-219.20	0.00009
-127.28	-212.13	0.00009	-134.35	-205.06	0.00008
-141.42	-197.99	0.00008	-148.49	-190.92	0.00008
-152.03	-187.38	0.00008	-155.56	-183.85	0.00008
-157.68	-181.73	0.00008	-159.10	-180.31	0.00008
-160.51	-178.90	0.00008	-161.93	-177.48	0.00008
-163.34	-176.07	0.00008	-176.07	-163.34	0.00007
-177.48	-161.93	0.00007	-178.90	-160.51	0.00007
-180.31	-159.10	0.00007	-181.73	-157.68	0.00007
-183.85	-155.56	0.00007	-187.38	-152.03	0.00007
-190.92	-148.49	0.00006	-197.99	-141.42	0.00006
-205.06	-134.35	0.00006	-212.13	-127.28	0.00006
-219.20	-120.21	0.00006	-226.27	-113.14	0.00006
-233.35	-106.07	0.00005	-240.42	-98.99	0.00005
-106.07	-247.49	0.00008	-113.14	-240.42	0.00008
-120.21	-233.35	0.00008	-127.28	-226.27	0.00008
-134.35	-219.20	0.00008	-141.42	-212.13	0.00008
-148.49	-205.06	0.00008	-155.56	-197.99	0.00007
-159.10	-194.45	0.00007	-162.63	-190.92	0.00007
-164.76	-188.80	0.00007	-166.17	-187.38	0.00007
-167.58	-185.97	0.00007	-169.00	-184.55	0.00007
-170.41	-183.14	0.00007	-183.14	-170.41	0.00007
-184.55	-169.00	0.00007	-185.97	-167.58	0.00007
-187.38	-166.17	0.00006	-188.80	-164.76	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 ,

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00071	141.42	197.99	0.00071
134.35	205.06	0.00071	127.28	212.13	0.00070
120.21	219.20	0.00070	113.14	226.27	0.00070
106.07	233.35	0.00070	98.99	240.42	0.00070
233.35	91.92	0.00043	226.27	98.99	0.00047
219.20	106.07	0.00052	212.13	113.14	0.00057
205.06	120.21	0.00061	197.99	127.28	0.00065
190.92	134.35	0.00069	183.85	141.42	0.00071
180.31	144.96	0.00072	176.78	148.49	0.00073
174.66	150.61	0.00074	173.24	152.03	0.00074
171.83	153.44	0.00075	170.41	154.86	0.00075
169.00	156.27	0.00076	156.27	169.00	0.00080
154.86	170.41	0.00080	153.44	171.83	0.00081
152.03	173.24	0.00081	150.61	174.66	0.00081

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

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

20:46:52

**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	0.00082	144.96	180.31	0.00082
141.42	183.85	0.00082	134.35	190.92	0.00081
127.28	197.99	0.00081	120.21	205.06	0.00080
113.14	212.13	0.00080	106.07	219.20	0.00080
99.00	226.27	0.00080	91.92	233.35	0.00079
226.27	84.85	0.00047	219.20	91.92	0.00051
212.13	98.99	0.00056	205.06	106.07	0.00061
197.99	113.14	0.00067	190.92	120.21	0.00073
183.85	127.28	0.00078	176.78	134.35	0.00081
173.24	137.89	0.00083	169.71	141.42	0.00084
167.58	143.54	0.00085	166.17	144.96	0.00085
164.76	146.37	0.00086	163.34	147.79	0.00086
161.93	149.20	0.00087	149.20	161.93	0.00092
147.79	163.34	0.00093	146.37	164.76	0.00093
144.96	166.17	0.00094	143.54	167.58	0.00094
141.42	169.71	0.00094	137.89	173.24	0.00094
134.35	176.78	0.00094	127.28	183.85	0.00094
120.21	190.92	0.00093	113.14	197.99	0.00093
106.07	205.06	0.00093	99.00	212.13	0.00093
91.92	219.20	0.00091	84.85	226.27	0.00089

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00051	212.13	84.85	0.00055
205.06	91.92	0.00060	197.99	98.99	0.00067
190.92	106.07	0.00074	183.85	113.14	0.00081
176.78	120.21	0.00088	169.71	127.28	0.00093
166.17	130.81	0.00095	162.63	134.35	0.00097
160.51	136.47	0.00098	159.10	137.89	0.00099
157.68	139.30	0.00099	156.27	140.71	0.00100
154.86	142.13	0.00101	142.13	154.86	0.00108
140.71	156.27	0.00109	139.30	157.68	0.00109
137.89	159.10	0.00109	136.47	160.51	0.00110
134.35	162.63	0.00110	130.81	166.17	0.00110
127.28	169.71	0.00110	120.21	176.78	0.00109
113.14	183.85	0.00109	106.07	190.92	0.00109
99.00	197.99	0.00109	91.92	205.06	0.00107
84.85	212.13	0.00104	77.78	219.20	0.00101
212.13	70.71	0.00055	205.06	77.78	0.00060
197.99	84.85	0.00066	190.92	91.92	0.00073
183.85	98.99	0.00081	176.78	106.07	0.00091
169.71	113.14	0.00100	162.63	120.21	0.00107
159.10	123.74	0.00110	155.56	127.28	0.00113

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
153.44	129.40	0.00114	152.03	130.81	0.00115
150.61	132.23	0.00116	149.20	133.64	0.00117
147.79	135.06	0.00118	135.06	147.79	0.00128
133.64	149.20	0.00128	132.23	150.61	0.00129
130.81	152.03	0.00129	129.40	153.44	0.00130
127.28	155.56	0.00130	123.74	159.10	0.00130
120.21	162.63	0.00130	113.14	169.71	0.00129
106.07	176.78	0.00130	98.99	183.85	0.00130
91.92	190.92	0.00128	84.85	197.99	0.00124
77.78	205.06	0.00119	70.71	212.13	0.00113
205.06	63.64	0.00061	197.99	70.71	0.00067
190.92	77.78	0.00073	183.85	84.85	0.00081
176.78	91.92	0.00090	169.71	98.99	0.00101
162.63	106.07	0.00113	155.56	113.14	0.00125

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00129	148.49	120.21	0.00133
146.37	122.33	0.00135	144.96	123.74	0.00136
143.54	125.16	0.00138	142.13	126.57	0.00139
140.71	127.99	0.00140	127.99	140.71	0.00153
126.57	142.13	0.00154	125.16	143.54	0.00155
123.74	144.96	0.00155	122.33	146.37	0.00156
120.21	148.49	0.00156	116.67	152.03	0.00156
113.14	155.56	0.00156	106.07	162.63	0.00156
98.99	169.71	0.00157	91.92	176.78	0.00155
84.85	183.85	0.00150	77.78	190.92	0.00144
70.71	197.99	0.00136	63.64	205.06	0.00127
197.99	56.57	0.00068	190.92	63.64	0.00074
183.85	70.71	0.00081	176.78	77.78	0.00090
169.71	84.85	0.00100	162.63	91.92	0.00113
155.56	98.99	0.00128	148.49	106.07	0.00144
144.96	109.60	0.00152	141.42	113.14	0.00158
139.30	115.26	0.00161	137.89	116.67	0.00163
136.47	118.09	0.00165	135.06	119.50	0.00167
133.64	120.92	0.00169	120.92	133.64	0.00187
119.50	135.06	0.00189	118.09	136.47	0.00189
116.67	137.89	0.00190	115.26	139.30	0.00190
113.14	141.42	0.00191	109.60	144.96	0.00191
106.07	148.49	0.00192	98.99	155.56	0.00194
91.92	162.63	0.00192	84.85	169.71	0.00186
77.78	176.78	0.00176	70.71	183.85	0.00165
63.64	190.92	0.00153	56.57	197.99	0.00140

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

04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***

20:46:52

**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	0.00075	183.85	56.57	0.00082
176.78	63.64	0.00091	169.71	70.71	0.00101
162.63	77.78	0.00113	155.56	84.85	0.00128
148.49	91.92	0.00145	141.42	98.99	0.00166
137.89	102.53	0.00177	134.35	106.07	0.00188
132.23	108.19	0.00193	130.81	109.60	0.00197
129.40	111.02	0.00200	127.99	112.43	0.00203
126.57	113.84	0.00206	113.84	126.57	0.00234

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00236	111.02	129.40	0.00237
109.60	130.81	0.00238	108.19	132.23	0.00238
106.07	134.35	0.00239	102.53	137.89	0.00241
98.99	141.42	0.00244	91.92	148.49	0.00243
84.85	155.56	0.00235	77.78	162.63	0.00221
70.71	169.71	0.00205	63.64	176.78	0.00187
56.57	183.85	0.00169	49.50	190.92	0.00152
183.85	42.43	0.00083	176.78	49.50	0.00092
169.71	56.57	0.00102	162.63	63.64	0.00114
155.56	70.71	0.00129	148.49	77.78	0.00146
141.42	84.85	0.00166	134.35	91.92	0.00191
130.81	95.46	0.00206	127.28	98.99	0.00222
125.16	101.12	0.00232	123.74	102.53	0.00238
122.33	103.94	0.00244	120.92	105.36	0.00249
119.50	106.77	0.00255	106.77	119.50	0.00302
105.36	120.92	0.00305	103.94	122.33	0.00307
102.53	123.74	0.00308	101.12	125.16	0.00310
98.99	127.28	0.00313	95.46	130.81	0.00317
91.92	134.35	0.00317	84.85	141.42	0.00306
77.78	148.49	0.00285	70.71	155.56	0.00259
63.64	162.63	0.00233	56.57	169.71	0.00207
49.50	176.78	0.00184	42.43	183.85	0.00162
176.78	35.36	0.00093	169.71	42.43	0.00103
162.63	49.50	0.00115	155.56	56.57	0.00130
148.49	63.64	0.00148	141.42	70.71	0.00169
134.35	77.78	0.00193	127.28	84.85	0.00223
123.74	88.39	0.00240	120.21	91.92	0.00260
118.09	94.05	0.00274	116.67	95.46	0.00285
115.26	96.87	0.00295	113.84	98.29	0.00306
112.43	99.70	0.00317	99.70	112.43	0.00410
98.29	113.84	0.00415	96.87	115.26	0.00419
95.46	116.67	0.00424	94.05	118.09	0.00426

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

20:46:52
 **MODELOPTS:
 PAGE 87
 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	0.00428	88.39	123.74	0.00423
84.85	127.28	0.00411	77.78	134.35	0.00375

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00333	63.64	148.49	0.00293
56.57	155.56	0.00256	49.50	162.63	0.00223
42.43	169.71	0.00194	35.36	176.78	0.00169
169.71	28.28	0.00102	162.63	35.36	0.00115
155.56	42.43	0.00130	148.49	49.50	0.00148
141.42	56.57	0.00169	134.35	63.64	0.00196
127.28	70.71	0.00227	120.21	77.78	0.00265
116.67	81.32	0.00287	113.14	84.85	0.00312
111.02	86.97	0.00330	109.60	88.39	0.00343
108.19	89.80	0.00358	106.77	91.22	0.00375
105.36	92.63	0.00396	92.63	105.36	0.00606
91.22	106.77	0.00605	89.80	108.19	0.00599
88.39	109.60	0.00591	86.97	111.02	0.00581
84.85	113.14	0.00564	81.32	116.67	0.00532
77.78	120.21	0.00498	70.71	127.28	0.00431
63.64	134.35	0.00371	56.57	141.42	0.00318
49.50	148.49	0.00272	42.43	155.56	0.00233
35.36	162.63	0.00200	28.28	169.71	0.00173
162.63	21.21	0.00111	155.56	28.28	0.00126
148.49	35.36	0.00144	141.42	42.43	0.00165
134.35	49.50	0.00191	127.28	56.57	0.00224
120.21	63.64	0.00264	113.14	70.71	0.00313
109.60	74.25	0.00343	106.07	77.78	0.00379
103.94	79.90	0.00405	102.53	81.32	0.00424
101.12	82.73	0.00446	99.70	84.15	0.00475
98.29	85.56	0.00510	85.56	98.29	0.00741
84.15	99.70	0.00716	82.73	101.12	0.00695
81.32	102.53	0.00676	79.90	103.94	0.00657
77.78	106.07	0.00630	74.25	109.60	0.00586
70.71	113.14	0.00542	63.64	120.21	0.00461
56.57	127.28	0.00390	49.50	134.35	0.00330
42.43	141.42	0.00278	35.36	148.49	0.00235
28.28	155.56	0.00200	21.21	162.63	0.00171
155.56	14.14	0.00119	148.49	21.21	0.00136
141.42	28.28	0.00156	134.35	35.36	0.00181
127.28	42.43	0.00210	120.21	49.50	0.00246
113.14	56.57	0.00291	106.07	63.64	0.00346
102.53	67.18	0.00378	98.99	70.71	0.00415

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

20:46:52
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

20NCRA_SR05-300_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	0.00440	95.46	74.25	0.00459
94.05	75.66	0.00480	92.63	77.07	0.00505
91.22	78.49	0.00538	78.49	91.22	0.00744
77.07	92.63	0.00719	75.66	94.05	0.00697
74.25	95.46	0.00677	72.83	96.87	0.00659
70.71	98.99	0.00632	67.18	102.53	0.00586
63.64	106.07	0.00543	56.57	113.14	0.00462
49.50	120.21	0.00388	42.43	127.28	0.00325
35.36	134.35	0.00272	28.28	141.42	0.00228
21.21	148.49	0.00193	14.14	155.56	0.00164
148.49	7.07	0.00124	141.42	14.14	0.00143
134.35	21.21	0.00165	127.28	28.28	0.00191
120.21	35.36	0.00222	113.14	42.43	0.00260
106.07	49.50	0.00305	98.99	56.57	0.00358
95.46	60.10	0.00389	91.92	63.64	0.00422
89.80	65.76	0.00445	88.39	67.18	0.00463
86.97	68.59	0.00482	85.56	70.00	0.00506
84.15	71.42	0.00537	71.42	84.15	0.00733
70.00	85.56	0.00708	68.59	86.97	0.00686
67.18	88.39	0.00666	65.76	89.80	0.00647
63.64	91.92	0.00619	60.10	95.46	0.00573
56.57	98.99	0.00530	49.50	106.07	0.00447
42.43	113.14	0.00372	35.36	120.21	0.00309
28.28	127.28	0.00256	21.21	134.35	0.00214
14.14	141.42	0.00180	7.07	148.49	0.00152
141.42	0.00	0.00126	134.35	7.07	0.00145
127.28	14.14	0.00168	120.21	21.21	0.00196
113.14	28.28	0.00228	106.07	35.36	0.00265
98.99	42.43	0.00307	91.92	49.50	0.00356
88.39	53.03	0.00383	84.85	56.57	0.00414
82.73	58.69	0.00436	81.32	60.10	0.00453
79.90	61.52	0.00472	78.49	62.93	0.00495
77.07	64.35	0.00524	64.35	77.07	0.00713
62.93	78.49	0.00686	61.52	79.90	0.00664
60.10	81.32	0.00644	58.69	82.73	0.00625
56.57	84.85	0.00597	53.03	88.39	0.00551
49.50	91.92	0.00506	42.43	98.99	0.00421
35.36	106.07	0.00346	28.28	113.14	0.00283
21.21	120.21	0.00233	14.14	127.28	0.00193
7.07	134.35	0.00162	0.00	141.42	0.00137

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

*** NCRA Cumulative DPM Impacts

20:46:52

**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	0.00126	127.28	0.00	0.00145
120.21	7.07	0.00168	113.14	14.14	0.00195
106.07	21.21	0.00226	98.99	28.28	0.00263
91.92	35.36	0.00302	84.85	42.43	0.00343
81.32	45.96	0.00367	77.78	49.50	0.00396
75.66	51.62	0.00417	74.25	53.03	0.00432
72.83	54.45	0.00451	71.42	55.86	0.00472
70.00	57.28	0.00500	57.28	70.00	0.00680
55.86	71.42	0.00653	54.45	72.83	0.00631
53.03	74.25	0.00610	51.62	75.66	0.00590
49.50	77.78	0.00562	45.96	81.32	0.00516
42.43	84.85	0.00470	35.36	91.92	0.00383
28.28	98.99	0.00309	21.21	106.07	0.00250
14.14	113.14	0.00204	7.07	120.21	0.00169
0.00	127.28	0.00141	-7.07	134.35	0.00119
127.28	-14.14	0.00123	120.21	-7.07	0.00141
113.14	0.00	0.00163	106.07	7.07	0.00188
98.99	14.14	0.00218	91.92	21.21	0.00252
84.85	28.28	0.00288	77.78	35.36	0.00324
74.25	38.89	0.00344	70.71	42.43	0.00369
68.59	44.55	0.00387	67.18	45.96	0.00401
65.76	47.38	0.00418	64.35	48.79	0.00438
62.93	50.20	0.00463	50.20	62.93	0.00631
48.79	64.35	0.00604	47.38	65.76	0.00581
45.96	67.18	0.00560	44.55	68.59	0.00540
42.43	70.71	0.00511	38.89	74.25	0.00463
35.36	77.78	0.00416	28.28	84.85	0.00330
21.21	91.92	0.00262	14.14	98.99	0.00210
7.07	106.07	0.00171	0.00	113.14	0.00141
-7.07	120.21	0.00118	-14.14	127.28	0.00101
120.21	-21.21	0.00118	113.14	-14.14	0.00134
106.07	-7.07	0.00154	98.99	0.00	0.00177
91.92	7.07	0.00204	84.85	14.14	0.00234
77.78	21.21	0.00266	70.71	28.28	0.00299

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00316	63.64	35.36	0.00334
61.52	37.48	0.00348	60.10	38.89	0.00359
58.69	40.31	0.00372	57.28	41.72	0.00389
55.86	43.13	0.00413	43.13	55.86	0.00559
41.72	57.28	0.00531	40.31	58.69	0.00507
38.89	60.10	0.00485	37.48	61.52	0.00464

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

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

20:46:52

**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	0.00432	31.82	67.18	0.00382
28.28	70.71	0.00336	21.21	77.78	0.00262
14.14	84.85	0.00207	7.07	91.92	0.00166
0.00	98.99	0.00136	-7.07	106.07	0.00114
-14.14	113.14	0.00096	-21.21	120.21	0.00083
113.14	-28.28	0.00109	106.07	-21.21	0.00124
98.99	-14.14	0.00141	91.92	-7.07	0.00161
84.85	0.00	0.00184	77.78	7.07	0.00209
70.71	14.14	0.00236	63.64	21.21	0.00264
60.10	24.75	0.00278	56.57	28.28	0.00292
54.45	30.41	0.00301	53.03	31.82	0.00308
51.62	33.23	0.00316	50.20	34.65	0.00328
48.79	36.06	0.00345	36.06	48.79	0.00445
34.65	50.20	0.00414	33.23	51.62	0.00387
31.82	53.03	0.00362	30.41	54.45	0.00340
28.28	56.57	0.00310	24.75	60.10	0.00268
21.21	63.64	0.00234	14.14	70.71	0.00184
7.07	77.78	0.00150	0.00	84.85	0.00124
-7.07	91.92	0.00104	-14.14	98.99	0.00088
-21.21	106.07	0.00076	-28.28	113.14	0.00066
106.07	-35.36	0.00099	98.99	-28.28	0.00112
91.92	-21.21	0.00126	84.85	-14.14	0.00141
77.78	-7.07	0.00158	70.71	0.00	0.00177
63.64	7.07	0.00196	56.57	14.14	0.00215
53.03	17.68	0.00224	49.50	21.21	0.00233
47.38	23.33	0.00238	45.96	24.75	0.00241
44.55	26.16	0.00246	43.13	27.58	0.00252
41.72	28.99	0.00261	28.99	41.72	0.00239

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00214	26.16	44.55	0.00196
24.75	45.96	0.00184	23.33	47.38	0.00174
21.21	49.50	0.00163	17.68	53.03	0.00148
14.14	56.57	0.00136	7.07	63.64	0.00116
0.00	70.71	0.00100	-7.07	77.78	0.00087
-14.14	84.85	0.00075	-21.21	91.92	0.00066
-28.28	98.99	0.00058	-35.36	106.07	0.00052
98.99	-42.43	0.00088	91.92	-35.36	0.00098
84.85	-28.28	0.00108	77.78	-21.21	0.00119
70.71	-14.14	0.00130	63.64	-7.07	0.00141
56.57	0.00	0.00151	49.50	7.07	0.00157
45.96	10.61	0.00157	42.43	14.14	0.00155

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

20:46:52
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00152	38.89	17.68	0.00149
37.48	19.09	0.00145	36.06	20.51	0.00141
34.65	21.92	0.00135	21.92	34.65	0.00090
20.51	36.06	0.00088	19.09	37.48	0.00086
17.68	38.89	0.00085	16.26	40.31	0.00084
14.14	42.43	0.00082	10.61	45.96	0.00080
7.07	49.50	0.00077	0.00	56.57	0.00072
-7.07	63.64	0.00066	-14.14	70.71	0.00060
-21.21	77.78	0.00054	-28.28	84.85	0.00049
-35.36	91.92	0.00044	-42.43	98.99	0.00040
91.92	-49.50	0.00077	84.85	-42.43	0.00084
77.78	-35.36	0.00091	70.71	-28.28	0.00097
63.64	-21.21	0.00104	56.57	-14.14	0.00109
49.50	-7.07	0.00113	42.43	0.00	0.00112
38.89	3.54	0.00109	35.36	7.07	0.00105
33.23	9.19	0.00101	31.82	10.61	0.00099
30.41	12.02	0.00096	28.99	13.44	0.00094
27.58	14.85	0.00091	14.85	27.58	0.00068
13.44	28.99	0.00067	12.02	30.41	0.00066
10.61	31.82	0.00065	9.19	33.23	0.00064
7.07	35.36	0.00063	3.54	38.89	0.00060
0.00	42.43	0.00058	-7.07	49.50	0.00053

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00049	-21.21	63.64	0.00045
-28.28	70.71	0.00041	-35.36	77.78	0.00038
-42.43	84.85	0.00035	-49.50	91.92	0.00032
84.85	-56.57	0.00066	77.78	-49.50	0.00071
70.71	-42.43	0.00075	63.64	-35.36	0.00079
56.57	-28.28	0.00083	49.50	-21.21	0.00085
42.43	-14.14	0.00085	35.36	-7.07	0.00083
31.82	-3.54	0.00081	28.28	0.00	0.00078
26.16	2.12	0.00077	24.75	3.54	0.00076
23.33	4.95	0.00074	21.92	6.36	0.00073
20.51	7.78	0.00071	7.78	20.51	0.00055
6.36	21.92	0.00054	4.95	23.33	0.00053
3.54	24.75	0.00053	2.12	26.16	0.00052
0.00	28.28	0.00051	-3.54	31.82	0.00049
-7.07	35.36	0.00047	-14.14	42.43	0.00044
-21.21	49.50	0.00040	-28.28	56.57	0.00037
-35.36	63.64	0.00034	-42.43	70.71	0.00031
-49.50	77.78	0.00028	-56.57	84.85	0.00026

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

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

20:46:52
 **MODELOPTs:
 PAGE 92

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00057	70.71	-56.57	0.00060
63.64	-49.50	0.00062	56.57	-42.43	0.00064
49.50	-35.36	0.00066	42.43	-28.28	0.00067
35.36	-21.21	0.00066	28.28	-14.14	0.00065
24.75	-10.61	0.00064	21.21	-7.07	0.00063
19.09	-4.95	0.00062	17.68	-3.54	0.00061
16.26	-2.12	0.00059	14.85	-0.71	0.00058
13.44	0.71	0.00057	0.71	13.44	0.00046
-0.71	14.85	0.00045	-2.12	16.26	0.00044
-3.54	17.68	0.00044	-4.95	19.09	0.00043
-7.07	21.21	0.00042	-10.61	24.75	0.00041
-14.14	28.28	0.00039	-21.21	35.36	0.00037
-28.28	42.43	0.00034	-35.36	49.50	0.00031
-42.43	56.57	0.00029	-49.50	63.64	0.00026
-56.57	70.71	0.00024	-63.64	77.78	0.00023
70.71	-70.71	0.00048	63.64	-63.64	0.00050

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00051	49.50	-49.50	0.00053
42.43	-42.43	0.00053	35.36	-35.36	0.00053
28.28	-28.28	0.00053	21.21	-21.21	0.00053
17.68	-17.68	0.00053	14.14	-14.14	0.00051
12.02	-12.02	0.00050	10.61	-10.61	0.00049
9.19	-9.19	0.00048	7.78	-7.78	0.00047
6.36	-6.36	0.00046	-6.36	6.36	0.00039
-7.78	7.78	0.00038	-9.19	9.19	0.00037
-10.61	10.61	0.00037	-12.02	12.02	0.00036
-14.14	14.14	0.00035	-17.68	17.68	0.00034
-21.21	21.21	0.00033	-28.28	28.28	0.00031
-35.36	35.36	0.00029	-42.43	42.43	0.00027
-49.50	49.50	0.00025	-56.57	56.57	0.00023
-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	0.00043
21.21	-35.36	0.00044	14.14	-28.28	0.00044
10.61	-24.75	0.00044	7.07	-21.21	0.00042
4.95	-19.09	0.00041	3.54	-17.68	0.00040
2.12	-16.26	0.00040	0.71	-14.85	0.00039
-0.71	-13.44	0.00039	-13.44	-0.71	0.00033
-14.85	0.71	0.00032	-16.26	2.12	0.00032
-17.68	3.54	0.00031	-19.09	4.95	0.00031

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

20:46:52
 **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	0.00030	-24.75	10.61	0.00029
-28.28	14.14	0.00028	-35.36	21.21	0.00026
-42.43	28.28	0.00025	-49.50	35.36	0.00023
-56.57	42.43	0.00022	-63.64	49.50	0.00021
-70.71	56.57	0.00019	-77.78	63.64	0.00018
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	0.00037
14.14	-42.43	0.00038	7.07	-35.36	0.00037
3.54	-31.82	0.00036	0.00	-28.28	0.00035

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-2.12	-26.16	0.00034	-3.54	-24.75	0.00034
-4.95	-23.33	0.00033	-6.36	-21.92	0.00033
-7.78	-20.51	0.00033	-20.51	-7.78	0.00028
-21.92	-6.36	0.00028	-23.33	-4.95	0.00027
-24.75	-3.54	0.00027	-26.16	-2.12	0.00026
-28.28	0.00	0.00026	-31.82	3.54	0.00025
-35.36	7.07	0.00024	-42.43	14.14	0.00023
-49.50	21.21	0.00022	-56.57	28.28	0.00020
-63.64	35.36	0.00019	-70.71	42.43	0.00018
-77.78	49.50	0.00017	-84.85	56.57	0.00016
49.50	-91.92	0.00030	42.43	-84.85	0.00030
35.36	-77.78	0.00030	28.28	-70.71	0.00030
21.21	-63.64	0.00031	14.14	-56.57	0.00032
7.07	-49.50	0.00032	0.00	-42.43	0.00032
-3.54	-38.89	0.00031	-7.07	-35.36	0.00030
-9.19	-33.23	0.00029	-10.61	-31.82	0.00029
-12.02	-30.41	0.00028	-13.44	-28.99	0.00028
-14.85	-27.58	0.00028	-27.58	-14.85	0.00024
-28.99	-13.44	0.00024	-30.41	-12.02	0.00023
-31.82	-10.61	0.00023	-33.23	-9.19	0.00023
-35.36	-7.07	0.00022	-38.89	-3.54	0.00022
-42.43	0.00	0.00021	-49.50	7.07	0.00020
-56.57	14.14	0.00019	-63.64	21.21	0.00018
-70.71	28.28	0.00017	-77.78	35.36	0.00016
-84.85	42.43	0.00015	-91.92	49.50	0.00015
42.43	-98.99	0.00026	35.36	-91.92	0.00026
28.28	-84.85	0.00026	21.21	-77.78	0.00026
14.14	-70.71	0.00027	7.07	-63.64	0.00028
0.00	-56.57	0.00028	-7.07	-49.50	0.00027
-10.61	-45.96	0.00026	-14.14	-42.43	0.00025

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

20:46:52
 **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	0.00025	-17.68	-38.89	0.00025
-19.09	-37.48	0.00024	-20.51	-36.06	0.00024
-21.92	-34.65	0.00024	-34.65	-21.92	0.00021
-36.06	-20.51	0.00021	-37.48	-19.09	0.00020

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-38.89	-17.68	0.00020	-40.31	-16.26	0.00020
-42.43	-14.14	0.00020	-45.96	-10.61	0.00019
-49.50	-7.07	0.00019	-56.57	0.00	0.00018
-63.64	7.07	0.00017	-70.71	14.14	0.00016
-77.78	21.21	0.00015	-84.85	28.28	0.00014
-91.92	35.36	0.00014	-98.99	42.43	0.00013
35.36	-106.07	0.00022	28.28	-98.99	0.00022
21.21	-91.92	0.00023	14.14	-84.85	0.00023
7.07	-77.78	0.00024	0.00	-70.71	0.00025
-7.07	-63.64	0.00024	-14.14	-56.57	0.00023
-17.68	-53.03	0.00023	-21.21	-49.50	0.00022
-23.33	-47.38	0.00022	-24.75	-45.96	0.00021
-26.16	-44.55	0.00021	-27.58	-43.13	0.00021
-28.99	-41.72	0.00021	-41.72	-28.99	0.00019
-43.13	-27.58	0.00018	-44.55	-26.16	0.00018
-45.96	-24.75	0.00018	-47.38	-23.33	0.00018
-49.50	-21.21	0.00017	-53.03	-17.68	0.00017
-56.57	-14.14	0.00017	-63.64	-7.07	0.00016
-70.71	0.00	0.00015	-77.78	7.07	0.00014
-84.85	14.14	0.00013	-91.92	21.21	0.00013
-98.99	28.28	0.00012	-106.07	35.36	0.00012
28.28	-113.14	0.00020	21.21	-106.07	0.00020
14.14	-98.99	0.00020	7.07	-91.92	0.00021
0.00	-84.85	0.00022	-7.07	-77.78	0.00022
-14.14	-70.71	0.00021	-21.21	-63.64	0.00020
-24.75	-60.10	0.00020	-28.28	-56.57	0.00019
-30.41	-54.45	0.00019	-31.82	-53.03	0.00019
-33.23	-51.62	0.00019	-34.65	-50.20	0.00019
-36.06	-48.79	0.00018	-48.79	-36.06	0.00017
-50.20	-34.65	0.00016	-51.62	-33.23	0.00016
-53.03	-31.82	0.00016	-54.45	-30.41	0.00016
-56.57	-28.28	0.00015	-60.10	-24.75	0.00015
-63.64	-21.21	0.00015	-70.71	-14.14	0.00014
-77.78	-7.07	0.00013	-84.85	0.00	0.00013
-91.92	7.07	0.00012	-98.99	14.14	0.00012
-106.07	21.21	0.00011	-113.14	28.28	0.00011

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 ***

20NCRA_SR05-300_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	0.00017	14.14	-113.14	0.00018
7.07	-106.07	0.00018	0.00	-98.99	0.00019
-7.07	-91.92	0.00019	-14.14	-84.85	0.00019
-21.21	-77.78	0.00019	-28.28	-70.71	0.00018
-31.82	-67.18	0.00017	-35.36	-63.64	0.00017
-37.48	-61.52	0.00017	-38.89	-60.10	0.00017
-40.31	-58.69	0.00017	-41.72	-57.28	0.00017
-43.13	-55.86	0.00016	-55.86	-43.13	0.00015
-57.28	-41.72	0.00015	-58.69	-40.31	0.00014
-60.10	-38.89	0.00014	-61.52	-37.48	0.00014
-63.64	-35.36	0.00014	-67.18	-31.82	0.00013
-70.71	-28.28	0.00013	-77.78	-21.21	0.00013
-84.85	-14.14	0.00012	-91.92	-7.07	0.00012
-98.99	0.00	0.00011	-106.07	7.07	0.00010
-113.14	14.14	0.00010	-120.21	21.21	0.00010
14.14	-127.28	0.00016	7.07	-120.21	0.00016
0.00	-113.14	0.00017	-7.07	-106.07	0.00017
-14.14	-98.99	0.00017	-21.21	-91.92	0.00017
-28.28	-84.85	0.00016	-35.36	-77.78	0.00016
-38.89	-74.25	0.00015	-42.43	-70.71	0.00015
-44.55	-68.59	0.00015	-45.96	-67.18	0.00015
-47.38	-65.76	0.00015	-48.79	-64.35	0.00015
-50.20	-62.93	0.00015	-62.93	-50.20	0.00013
-64.35	-48.79	0.00013	-65.76	-47.38	0.00013
-67.18	-45.96	0.00013	-68.59	-44.55	0.00013
-70.71	-42.43	0.00012	-74.25	-38.89	0.00012
-77.78	-35.36	0.00012	-84.85	-28.28	0.00011
-91.92	-21.21	0.00011	-98.99	-14.14	0.00010
-106.07	-7.07	0.00010	-113.14	0.00	0.00010
-120.21	7.07	0.00009	-127.28	14.14	0.00009
7.07	-134.35	0.00014	0.00	-127.28	0.00015
-7.07	-120.21	0.00015	-14.14	-113.14	0.00015
-21.21	-106.07	0.00015	-28.28	-98.99	0.00015
-35.36	-91.92	0.00015	-42.43	-84.85	0.00014
-45.96	-81.32	0.00014	-49.50	-77.78	0.00014
-51.62	-75.66	0.00013	-53.03	-74.25	0.00013
-54.45	-72.83	0.00013	-55.86	-71.42	0.00013
-57.28	-70.00	0.00013	-70.00	-57.28	0.00012
-71.42	-55.86	0.00012	-72.83	-54.45	0.00012
-74.25	-53.03	0.00012	-75.66	-51.62	0.00011

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	0.00011	-81.32	-45.96	0.00011
-84.85	-42.43	0.00011	-91.92	-35.36	0.00010
-98.99	-28.28	0.00010	-106.07	-21.21	0.00010
-113.14	-14.14	0.00009	-120.21	-7.07	0.00009
-127.28	0.00	0.00008	-134.35	7.07	0.00008
0.00	-141.42	0.00013	-7.07	-134.35	0.00014
-14.14	-127.28	0.00014	-21.21	-120.21	0.00014
-28.28	-113.14	0.00014	-35.36	-106.07	0.00014
-42.43	-98.99	0.00013	-49.50	-91.92	0.00013
-53.03	-88.39	0.00012	-56.57	-84.85	0.00012
-58.69	-82.73	0.00012	-60.10	-81.32	0.00012
-61.52	-79.90	0.00012	-62.93	-78.49	0.00012
-64.35	-77.07	0.00012	-77.07	-64.35	0.00011
-78.49	-62.93	0.00011	-79.90	-61.52	0.00011
-81.32	-60.10	0.00010	-82.73	-58.69	0.00010
-84.85	-56.57	0.00010	-88.39	-53.03	0.00010
-91.92	-49.50	0.00010	-98.99	-42.43	0.00009
-106.07	-35.36	0.00009	-113.14	-28.28	0.00009
-120.21	-21.21	0.00008	-127.28	-14.14	0.00008
-134.35	-7.07	0.00008	-141.42	0.00	0.00007
-7.07	-148.49	0.00012	-14.14	-141.42	0.00013
-21.21	-134.35	0.00013	-28.28	-127.28	0.00013
-35.36	-120.21	0.00013	-42.43	-113.14	0.00012
-49.50	-106.07	0.00012	-56.57	-98.99	0.00011
-60.10	-95.46	0.00011	-63.64	-91.92	0.00011
-65.76	-89.80	0.00011	-67.18	-88.39	0.00011
-68.59	-86.97	0.00011	-70.00	-85.56	0.00011
-71.42	-84.15	0.00011	-84.15	-71.42	0.00010
-85.56	-70.00	0.00010	-86.97	-68.59	0.00010
-88.39	-67.18	0.00010	-89.80	-65.76	0.00009
-91.92	-63.64	0.00009	-95.46	-60.10	0.00009
-98.99	-56.57	0.00009	-106.07	-49.50	0.00009
-113.14	-42.43	0.00008	-120.21	-35.36	0.00008
-127.28	-28.28	0.00008	-134.35	-21.21	0.00007
-141.42	-14.14	0.00007	-148.49	-7.07	0.00007
-14.14	-155.56	0.00011	-21.21	-148.49	0.00012

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	-141.42	0.00012	-35.36	-134.35	0.00012
-42.43	-127.28	0.00011	-49.50	-120.21	0.00011
-56.57	-113.14	0.00011	-63.64	-106.07	0.00010
-67.18	-102.53	0.00010	-70.71	-98.99	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_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	0.00010	-74.25	-95.46	0.00010
-75.66	-94.05	0.00010	-77.07	-92.63	0.00010
-78.49	-91.22	0.00010	-91.22	-78.49	0.00009
-92.63	-77.07	0.00009	-94.05	-75.66	0.00009
-95.46	-74.25	0.00009	-96.87	-72.83	0.00009
-98.99	-70.71	0.00009	-102.53	-67.18	0.00008
-106.07	-63.64	0.00008	-113.14	-56.57	0.00008
-120.21	-49.50	0.00008	-127.28	-42.43	0.00008
-134.35	-35.36	0.00007	-141.42	-28.28	0.00007
-148.49	-21.21	0.00007	-155.56	-14.14	0.00006
-21.21	-162.63	0.00010	-28.28	-155.56	0.00011
-35.36	-148.49	0.00011	-42.43	-141.42	0.00011
-49.50	-134.35	0.00010	-56.57	-127.28	0.00010
-63.64	-120.21	0.00010	-70.71	-113.14	0.00009
-74.25	-109.60	0.00009	-77.78	-106.07	0.00009
-79.90	-103.94	0.00009	-81.32	-102.53	0.00009
-82.73	-101.12	0.00009	-84.15	-99.70	0.00009
-85.56	-98.29	0.00009	-98.29	-85.56	0.00008
-99.70	-84.15	0.00008	-101.12	-82.73	0.00008
-102.53	-81.32	0.00008	-103.94	-79.90	0.00008
-106.07	-77.78	0.00008	-109.60	-74.25	0.00008
-113.14	-70.71	0.00008	-120.21	-63.64	0.00007
-127.28	-56.57	0.00007	-134.35	-49.50	0.00007
-141.42	-42.43	0.00007	-148.49	-35.36	0.00006
-155.56	-28.28	0.00006	-162.63	-21.21	0.00006
-28.28	-169.71	0.00010	-35.36	-162.63	0.00010
-42.43	-155.56	0.00010	-49.50	-148.49	0.00010
-56.57	-141.42	0.00010	-63.64	-134.35	0.00009
-70.71	-127.28	0.00009	-77.78	-120.21	0.00009
-81.32	-116.67	0.00009	-84.85	-113.14	0.00009

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-86.97	-111.02	0.00008	-88.39	-109.60	0.00008
-89.80	-108.19	0.00008	-91.22	-106.77	0.00008
-92.63	-105.36	0.00008	-105.36	-92.63	0.00008
-106.77	-91.22	0.00008	-108.19	-89.80	0.00008
-109.60	-88.39	0.00008	-111.02	-86.97	0.00007
-113.14	-84.85	0.00007	-116.67	-81.32	0.00007
-120.21	-77.78	0.00007	-127.28	-70.71	0.00007
-134.35	-63.64	0.00007	-141.42	-56.57	0.00006
-148.49	-49.50	0.00006	-155.56	-42.43	0.00006
-162.63	-35.36	0.00006	-169.71	-28.28	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_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	0.00009	-42.43	-169.71	0.00009
-49.50	-162.63	0.00009	-56.57	-155.56	0.00009
-63.64	-148.49	0.00009	-70.71	-141.42	0.00008
-77.78	-134.35	0.00008	-84.85	-127.28	0.00008
-88.39	-123.74	0.00008	-91.92	-120.21	0.00008
-94.05	-118.09	0.00008	-95.46	-116.67	0.00008
-96.87	-115.26	0.00008	-98.29	-113.84	0.00008
-99.70	-112.43	0.00008	-112.43	-99.70	0.00007
-113.84	-98.29	0.00007	-115.26	-96.87	0.00007
-116.67	-95.46	0.00007	-118.09	-94.05	0.00007
-120.21	-91.92	0.00007	-123.74	-88.39	0.00007
-127.28	-84.85	0.00006	-134.35	-77.78	0.00006
-141.42	-70.71	0.00006	-148.49	-63.64	0.00006
-155.56	-56.57	0.00006	-162.63	-49.50	0.00006
-169.71	-42.43	0.00005	-176.78	-35.36	0.00005
-42.43	-183.85	0.00008	-49.50	-176.78	0.00008
-56.57	-169.71	0.00008	-63.64	-162.63	0.00008
-70.71	-155.56	0.00008	-77.78	-148.49	0.00008
-84.85	-141.42	0.00008	-91.92	-134.35	0.00007
-95.46	-130.81	0.00007	-98.99	-127.28	0.00007
-101.12	-125.16	0.00007	-102.53	-123.74	0.00007
-103.94	-122.33	0.00007	-105.36	-120.92	0.00007
-106.77	-119.50	0.00007	-119.50	-106.77	0.00007
-120.92	-105.36	0.00007	-122.33	-103.94	0.00007

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-123.74	-102.53	0.00006	-125.16	-101.12	0.00006
-127.28	-98.99	0.00006	-130.81	-95.46	0.00006
-134.35	-91.92	0.00006	-141.42	-84.85	0.00006
-148.49	-77.78	0.00006	-155.56	-70.71	0.00006
-162.63	-63.64	0.00005	-169.71	-56.57	0.00005
-176.78	-49.50	0.00005	-183.85	-42.43	0.00005
-49.50	-190.92	0.00008	-56.57	-183.85	0.00008
-63.64	-176.78	0.00008	-70.71	-169.71	0.00008
-77.78	-162.63	0.00007	-84.85	-155.56	0.00007
-91.92	-148.49	0.00007	-98.99	-141.42	0.00007
-102.53	-137.89	0.00007	-106.07	-134.35	0.00007
-108.19	-132.23	0.00007	-109.60	-130.81	0.00007
-111.02	-129.40	0.00007	-112.43	-127.99	0.00007
-113.84	-126.57	0.00007	-126.57	-113.84	0.00006
-127.99	-112.43	0.00006	-129.40	-111.02	0.00006
-130.81	-109.60	0.00006	-132.23	-108.19	0.00006

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

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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
-134.35	-106.07	0.00006	-137.89	-102.53	0.00006
-141.42	-98.99	0.00006	-148.49	-91.92	0.00005
-155.56	-84.85	0.00005	-162.63	-77.78	0.00005
-169.71	-70.71	0.00005	-176.78	-63.64	0.00005
-183.85	-56.57	0.00005	-190.92	-49.50	0.00005
-56.57	-197.99	0.00007	-63.64	-190.92	0.00007
-70.71	-183.85	0.00007	-77.78	-176.78	0.00007
-84.85	-169.71	0.00007	-91.92	-162.63	0.00007
-98.99	-155.56	0.00006	-106.07	-148.49	0.00006
-109.60	-144.96	0.00006	-113.14	-141.42	0.00006
-115.26	-139.30	0.00006	-116.67	-137.89	0.00006
-118.09	-136.47	0.00006	-119.50	-135.06	0.00006
-120.92	-133.64	0.00006	-133.64	-120.92	0.00006
-135.06	-119.50	0.00006	-136.47	-118.09	0.00006
-137.89	-116.67	0.00006	-139.30	-115.26	0.00006
-141.42	-113.14	0.00006	-144.96	-109.60	0.00005
-148.49	-106.07	0.00005	-155.56	-98.99	0.00005
-162.63	-91.92	0.00005	-169.71	-84.85	0.00005

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-77.78	0.00005	-183.85	-70.71	0.00005
-190.92	-63.64	0.00005	-197.99	-56.57	0.00004
-63.64	-205.06	0.00007	-70.71	-197.99	0.00007
-77.78	-190.92	0.00007	-84.85	-183.85	0.00007
-91.92	-176.78	0.00006	-98.99	-169.71	0.00006
-106.07	-162.63	0.00006	-113.14	-155.56	0.00006
-116.67	-152.03	0.00006	-120.21	-148.49	0.00006
-122.33	-146.37	0.00006	-123.74	-144.96	0.00006
-125.16	-143.54	0.00006	-126.57	-142.13	0.00006
-127.99	-140.71	0.00006	-140.71	-127.99	0.00005
-142.13	-126.57	0.00005	-143.54	-125.16	0.00005
-144.96	-123.74	0.00005	-146.37	-122.33	0.00005
-148.49	-120.21	0.00005	-152.03	-116.67	0.00005
-155.56	-113.14	0.00005	-162.63	-106.07	0.00005
-169.71	-98.99	0.00005	-176.78	-91.92	0.00005
-183.85	-84.85	0.00005	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00006	-77.78	-205.06	0.00006
-84.85	-197.99	0.00006	-91.92	-190.92	0.00006
-98.99	-183.85	0.00006	-106.07	-176.78	0.00006
-113.14	-169.71	0.00006	-120.21	-162.63	0.00006
-123.74	-159.10	0.00006	-127.28	-155.56	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_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00005	-130.81	-152.03	0.00005
-132.23	-150.61	0.00005	-133.64	-149.20	0.00005
-135.06	-147.79	0.00005	-147.79	-135.06	0.00005
-149.20	-133.64	0.00005	-150.61	-132.23	0.00005
-152.03	-130.81	0.00005	-153.44	-129.40	0.00005
-155.56	-127.28	0.00005	-159.10	-123.74	0.00005
-162.63	-120.21	0.00005	-169.71	-113.14	0.00004
-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	0.00006	-84.85	-212.13	0.00006
-91.92	-205.06	0.00006	-98.99	-197.99	0.00006

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00194	98.99	240.42	0.00169
233.35	91.92	0.00102	226.27	98.99	0.00115
219.20	106.07	0.00130	212.13	113.14	0.00148
205.06	120.21	0.00169	197.99	127.28	0.00196
190.92	134.35	0.00227	183.85	141.42	0.00265
180.31	144.96	0.00287	176.78	148.49	0.00312
174.66	150.61	0.00330	173.24	152.03	0.00343
171.83	153.44	0.00358	170.41	154.86	0.00375
169.00	156.27	0.00396	156.27	169.00	0.00606
154.86	170.41	0.00605	153.44	171.83	0.00599
152.03	173.24	0.00591	150.61	174.66	0.00581

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

20:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
148.49	176.78	0.00564	144.96	180.31	0.00532
141.42	183.85	0.00498	134.35	190.92	0.00431
127.28	197.99	0.00371	120.21	205.06	0.00318
113.14	212.13	0.00272	106.07	219.20	0.00233
99.00	226.27	0.00200	91.92	233.35	0.00173
226.27	84.85	0.00111	219.20	91.92	0.00126
212.13	98.99	0.00144	205.06	106.07	0.00165
197.99	113.14	0.00191	190.92	120.21	0.00224
183.85	127.28	0.00264	176.78	134.35	0.00313
173.24	137.89	0.00343	169.71	141.42	0.00379
167.58	143.54	0.00405	166.17	144.96	0.00424
164.76	146.37	0.00446	163.34	147.79	0.00475
161.93	149.20	0.00510	149.20	161.93	0.00741
147.79	163.34	0.00716	146.37	164.76	0.00695
144.96	166.17	0.00676	143.54	167.58	0.00657
141.42	169.71	0.00630	137.89	173.24	0.00586
134.35	176.78	0.00542	127.28	183.85	0.00461
120.21	190.92	0.00390	113.14	197.99	0.00330
106.07	205.06	0.00278	99.00	212.13	0.00235
91.92	219.20	0.00200	84.85	226.27	0.00171
219.20	77.78	0.00119	212.13	84.85	0.00136
205.06	91.92	0.00156	197.99	98.99	0.00181
190.92	106.07	0.00210	183.85	113.14	0.00246

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00291	169.71	127.28	0.00346
166.17	130.81	0.00378	162.63	134.35	0.00415
160.51	136.47	0.00440	159.10	137.89	0.00459
157.68	139.30	0.00480	156.27	140.71	0.00505
154.86	142.13	0.00538	142.13	154.86	0.00744
140.71	156.27	0.00719	139.30	157.68	0.00697
137.89	159.10	0.00677	136.47	160.51	0.00659
134.35	162.63	0.00632	130.81	166.17	0.00586
127.28	169.71	0.00543	120.21	176.78	0.00462
113.14	183.85	0.00388	106.07	190.92	0.00325
99.00	197.99	0.00272	91.92	205.06	0.00228
84.85	212.13	0.00193	77.78	219.20	0.00164
212.13	70.71	0.00124	205.06	77.78	0.00143
197.99	84.85	0.00165	190.92	91.92	0.00191
183.85	98.99	0.00222	176.78	106.07	0.00260
169.71	113.14	0.00305	162.63	120.21	0.00358
159.10	123.74	0.00389	155.56	127.28	0.00422

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
153.44	129.40	0.00445	152.03	130.81	0.00462
150.61	132.23	0.00482	149.20	133.64	0.00506
147.79	135.06	0.00537	135.06	147.79	0.00733
133.64	149.20	0.00708	132.23	150.61	0.00686
130.81	152.03	0.00666	129.40	153.44	0.00647
127.28	155.56	0.00619	123.74	159.10	0.00573
120.21	162.63	0.00530	113.14	169.71	0.00447
106.07	176.78	0.00372	98.99	183.85	0.00309
91.92	190.92	0.00256	84.85	197.99	0.00214
77.78	205.06	0.00180	70.71	212.13	0.00152
205.06	63.64	0.00126	197.99	70.71	0.00145
190.92	77.78	0.00168	183.85	84.85	0.00196
176.78	91.92	0.00228	169.71	98.99	0.00265
162.63	106.07	0.00307	155.56	113.14	0.00356
152.03	116.67	0.00383	148.49	120.21	0.00414
146.37	122.33	0.00436	144.96	123.74	0.00453
143.54	125.16	0.00472	142.13	126.57	0.00495

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

140.71	127.99	0.00524	127.99	140.71	0.00713
126.57	142.13	0.00686	125.16	143.54	0.00664
123.74	144.96	0.00644	122.33	146.37	0.00625
120.21	148.49	0.00597	116.67	152.03	0.00551
113.14	155.56	0.00506	106.07	162.63	0.00421
98.99	169.71	0.00346	91.92	176.78	0.00283
84.85	183.85	0.00233	77.78	190.92	0.00193
70.71	197.99	0.00162	63.64	205.06	0.00137
197.99	56.57	0.00126	190.92	63.64	0.00145
183.85	70.71	0.00168	176.78	77.78	0.00195
169.71	84.85	0.00226	162.63	91.92	0.00263
155.56	98.99	0.00302	148.49	106.07	0.00343
144.96	109.60	0.00367	141.42	113.14	0.00396
139.30	115.26	0.00417	137.89	116.67	0.00432
136.47	118.09	0.00451	135.06	119.50	0.00472
133.64	120.92	0.00500	120.92	133.64	0.00680
119.50	135.06	0.00653	118.09	136.47	0.00631
116.67	137.89	0.00610	115.26	139.30	0.00590
113.14	141.42	0.00562	109.60	144.96	0.00516
106.07	148.49	0.00470	98.99	155.56	0.00383
91.92	162.63	0.00309	84.85	169.71	0.00250
77.78	176.78	0.00204	70.71	183.85	0.00169
63.64	190.92	0.00141	56.57	197.99	0.00119

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

20:46:52
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00123	183.85	56.57	0.00141
176.78	63.64	0.00163	169.71	70.71	0.00188
162.63	77.78	0.00218	155.56	84.85	0.00252
148.49	91.92	0.00288	141.42	98.99	0.00324
137.89	102.53	0.00344	134.35	106.07	0.00369
132.23	108.19	0.00387	130.81	109.60	0.00401
129.40	111.02	0.00418	127.99	112.43	0.00438
126.57	113.84	0.00463	113.84	126.57	0.00631
112.43	127.99	0.00604	111.02	129.40	0.00581
109.60	130.81	0.00560	108.19	132.23	0.00540
106.07	134.35	0.00511	102.53	137.89	0.00463

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00416	91.92	148.49	0.00330
84.85	155.56	0.00262	77.78	162.63	0.00210
70.71	169.71	0.00171	63.64	176.78	0.00141
56.57	183.85	0.00118	49.50	190.92	0.00101
183.85	42.43	0.00118	176.78	49.50	0.00134
169.71	56.57	0.00154	162.63	63.64	0.00177
155.56	70.71	0.00204	148.49	77.78	0.00234
141.42	84.85	0.00266	134.35	91.92	0.00299
130.81	95.46	0.00316	127.28	98.99	0.00334
125.16	101.12	0.00348	123.74	102.53	0.00359
122.33	103.94	0.00372	120.92	105.36	0.00389
119.50	106.77	0.00413	106.77	119.50	0.00559
105.36	120.92	0.00531	103.94	122.33	0.00507
102.53	123.74	0.00485	101.12	125.16	0.00464
98.99	127.28	0.00432	95.46	130.81	0.00382
91.92	134.35	0.00336	84.85	141.42	0.00262
77.78	148.49	0.00207	70.71	155.56	0.00166
63.64	162.63	0.00136	56.57	169.71	0.00114
49.50	176.78	0.00096	42.43	183.85	0.00083
176.78	35.36	0.00109	169.71	42.43	0.00124
162.63	49.50	0.00141	155.56	56.57	0.00161
148.49	63.64	0.00184	141.42	70.71	0.00209
134.35	77.78	0.00236	127.28	84.85	0.00264
123.74	88.39	0.00278	120.21	91.92	0.00292
118.09	94.05	0.00301	116.67	95.46	0.00308
115.26	96.87	0.00316	113.84	98.29	0.00328
112.43	99.70	0.00345	99.70	112.43	0.00445
98.29	113.84	0.00414	96.87	115.26	0.00387
95.46	116.67	0.00362	94.05	118.09	0.00340

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

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

20:46:52

**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	0.00310	88.39	123.74	0.00268
84.85	127.28	0.00234	77.78	134.35	0.00184
70.71	141.42	0.00150	63.64	148.49	0.00124
56.57	155.56	0.00104	49.50	162.63	0.00088
42.43	169.71	0.00076	35.36	176.78	0.00066

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00099	162.63	35.36	0.00112
155.56	42.43	0.00126	148.49	49.50	0.00141
141.42	56.57	0.00158	134.35	63.64	0.00177
127.28	70.71	0.00196	120.21	77.78	0.00215
116.67	81.32	0.00224	113.14	84.85	0.00233
111.02	86.97	0.00238	109.60	88.39	0.00241
108.19	89.80	0.00246	106.77	91.22	0.00252
105.36	92.63	0.00261	92.63	105.36	0.00239
91.22	106.77	0.00214	89.80	108.19	0.00196
88.39	109.60	0.00184	86.97	111.02	0.00174
84.85	113.14	0.00163	81.32	116.67	0.00148
77.78	120.21	0.00136	70.71	127.28	0.00116
63.64	134.35	0.00100	56.57	141.42	0.00087
49.50	148.49	0.00075	42.43	155.56	0.00066
35.36	162.63	0.00058	28.28	169.71	0.00052
162.63	21.21	0.00088	155.56	28.28	0.00098
148.49	35.36	0.00108	141.42	42.43	0.00119
134.35	49.50	0.00130	127.28	56.57	0.00141
120.21	63.64	0.00151	113.14	70.71	0.00157
109.60	74.25	0.00157	106.07	77.78	0.00155
103.94	79.90	0.00152	102.53	81.32	0.00149
101.12	82.73	0.00145	99.70	84.15	0.00141
98.29	85.56	0.00135	85.56	98.29	0.00090
84.15	99.70	0.00088	82.73	101.12	0.00086
81.32	102.53	0.00085	79.90	103.94	0.00084
77.78	106.07	0.00082	74.25	109.60	0.00080
70.71	113.14	0.00077	63.64	120.21	0.00072
56.57	127.28	0.00066	49.50	134.35	0.00060
42.43	141.42	0.00054	35.36	148.49	0.00049
28.28	155.56	0.00044	21.21	162.63	0.00040
155.56	14.14	0.00077	148.49	21.21	0.00084
141.42	28.28	0.00091	134.35	35.36	0.00097
127.28	42.43	0.00104	120.21	49.50	0.00109
113.14	56.57	0.00113	106.07	63.64	0.00112
102.53	67.18	0.00109	98.99	70.71	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:46:52
 **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 **

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00101	95.46	74.25	0.00099
94.05	75.66	0.00096	92.63	77.07	0.00094
91.22	78.49	0.00091	78.49	91.22	0.00068
77.07	92.63	0.00067	75.66	94.05	0.00066
74.25	95.46	0.00065	72.83	96.87	0.00064
70.71	98.99	0.00063	67.18	102.53	0.00060
63.64	106.07	0.00058	56.57	113.14	0.00053
49.50	120.21	0.00049	42.43	127.28	0.00045
35.36	134.35	0.00041	28.28	141.42	0.00038
21.21	148.49	0.00035	14.14	155.56	0.00032
148.49	7.07	0.00066	141.42	14.14	0.00071
134.35	21.21	0.00075	127.28	28.28	0.00079
120.21	35.36	0.00083	113.14	42.43	0.00085
106.07	49.50	0.00085	98.99	56.57	0.00083
95.46	60.10	0.00081	91.92	63.64	0.00078
89.80	65.76	0.00077	88.39	67.18	0.00076
86.97	68.59	0.00074	85.56	70.00	0.00073
84.15	71.42	0.00071	71.42	84.15	0.00055
70.00	85.56	0.00054	68.59	86.97	0.00053
67.18	88.39	0.00053	65.76	89.80	0.00052
63.64	91.92	0.00051	60.10	95.46	0.00049
56.57	98.99	0.00047	49.50	106.07	0.00044
42.43	113.14	0.00040	35.36	120.21	0.00037
28.28	127.28	0.00034	21.21	134.35	0.00031
14.14	141.42	0.00028	7.07	148.49	0.00026
141.42	0.00	0.00057	134.35	7.07	0.00060
127.28	14.14	0.00062	120.21	21.21	0.00064
113.14	28.28	0.00066	106.07	35.36	0.00067
98.99	42.43	0.00066	91.92	49.50	0.00065
88.39	53.03	0.00064	84.85	56.57	0.00063
82.73	58.69	0.00062	81.32	60.10	0.00061
79.90	61.52	0.00059	78.49	62.93	0.00058
77.07	64.35	0.00057	64.35	77.07	0.00046
62.93	78.49	0.00045	61.52	79.90	0.00044
60.10	81.32	0.00044	58.69	82.73	0.00043
56.57	84.85	0.00042	53.03	88.39	0.00041
49.50	91.92	0.00039	42.43	98.99	0.00037
35.36	106.07	0.00034	28.28	113.14	0.00031
21.21	120.21	0.00029	14.14	127.28	0.00026
7.07	134.35	0.00024	0.00	141.42	0.00023

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**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	0.00053
106.07	21.21	0.00053	98.99	28.28	0.00053
91.92	35.36	0.00053	84.85	42.43	0.00053
81.32	45.96	0.00053	77.78	49.50	0.00051
75.66	51.62	0.00050	74.25	53.03	0.00049
72.83	54.45	0.00048	71.42	55.86	0.00047
70.00	57.28	0.00046	57.28	70.00	0.00039
55.86	71.42	0.00038	54.45	72.83	0.00037
53.03	74.25	0.00037	51.62	75.66	0.00036
49.50	77.78	0.00035	45.96	81.32	0.00034
42.43	84.85	0.00033	35.36	91.92	0.00031
28.28	98.99	0.00029	21.21	106.07	0.00027
14.14	113.14	0.00025	7.07	120.21	0.00023
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	0.00043
84.85	28.28	0.00044	77.78	35.36	0.00044
74.25	38.89	0.00044	70.71	42.43	0.00042
68.59	44.55	0.00041	67.18	45.96	0.00040
65.76	47.38	0.00040	64.35	48.79	0.00039
62.93	50.20	0.00039	50.20	62.93	0.00033
48.79	64.35	0.00032	47.38	65.76	0.00032
45.96	67.18	0.00031	44.55	68.59	0.00031
42.43	70.71	0.00030	38.89	74.25	0.00029
35.36	77.78	0.00028	28.28	84.85	0.00026
21.21	91.92	0.00025	14.14	98.99	0.00023
7.07	106.07	0.00022	0.00	113.14	0.00021
-7.07	120.21	0.00019	-14.14	127.28	0.00018
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	0.00037
77.78	21.21	0.00038	70.71	28.28	0.00037
67.18	31.82	0.00036	63.64	35.36	0.00035
61.52	37.48	0.00034	60.10	38.89	0.00034
58.69	40.31	0.00033	57.28	41.72	0.00033

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00033	43.13	55.86	0.00028
41.72	57.28	0.00028	40.31	58.69	0.00027
38.89	60.10	0.00027	37.48	61.52	0.00026

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

20:46:52
 **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	0.00026	31.82	67.18	0.00025
28.28	70.71	0.00024	21.21	77.78	0.00023
14.14	84.85	0.00022	7.07	91.92	0.00020
0.00	98.99	0.00019	-7.07	106.07	0.00018
-14.14	113.14	0.00017	-21.21	120.21	0.00016
113.14	-28.28	0.00030	106.07	-21.21	0.00030
98.99	-14.14	0.00030	91.92	-7.07	0.00030
84.85	0.00	0.00031	77.78	7.07	0.00032
70.71	14.14	0.00032	63.64	21.21	0.00032
60.10	24.75	0.00031	56.57	28.28	0.00030
54.45	30.41	0.00029	53.03	31.82	0.00029
51.62	33.23	0.00028	50.20	34.65	0.00028
48.79	36.06	0.00028	36.06	48.79	0.00024
34.65	50.20	0.00024	33.23	51.62	0.00023
31.82	53.03	0.00023	30.41	54.45	0.00023
28.28	56.57	0.00022	24.75	60.10	0.00022
21.21	63.64	0.00021	14.14	70.71	0.00020
7.07	77.78	0.00019	0.00	84.85	0.00018
-7.07	91.92	0.00017	-14.14	98.99	0.00016
-21.21	106.07	0.00015	-28.28	113.14	0.00015
106.07	-35.36	0.00026	98.99	-28.28	0.00026
91.92	-21.21	0.00026	84.85	-14.14	0.00026
77.78	-7.07	0.00027	70.71	0.00	0.00028
63.64	7.07	0.00028	56.57	14.14	0.00027
53.03	17.68	0.00026	49.50	21.21	0.00025
47.38	23.33	0.00025	45.96	24.75	0.00025
44.55	26.16	0.00024	43.13	27.58	0.00024
41.72	28.99	0.00024	28.99	41.72	0.00021
27.58	43.13	0.00021	26.16	44.55	0.00020
24.75	45.96	0.00020	23.33	47.38	0.00020
21.21	49.50	0.00020	17.68	53.03	0.00019

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00019	7.07	63.64	0.00018
0.00	70.71	0.00017	-7.07	77.78	0.00016
-14.14	84.85	0.00015	-21.21	91.92	0.00014
-28.28	98.99	0.00014	-35.36	106.07	0.00013
98.99	-42.43	0.00022	91.92	-35.36	0.00022
84.85	-28.28	0.00023	77.78	-21.21	0.00023
70.71	-14.14	0.00024	63.64	-7.07	0.00025
56.57	0.00	0.00024	49.50	7.07	0.00023
45.96	10.61	0.00023	42.43	14.14	0.00022

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

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

20:46:52

**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
40.31	16.26	0.00022	38.89	17.68	0.00021
37.48	19.09	0.00021	36.06	20.51	0.00021
34.65	21.92	0.00021	21.92	34.65	0.00019
20.51	36.06	0.00018	19.09	37.48	0.00018
17.68	38.89	0.00018	16.26	40.31	0.00018
14.14	42.43	0.00017	10.61	45.96	0.00017
7.07	49.50	0.00017	0.00	56.57	0.00016
-7.07	63.64	0.00015	-14.14	70.71	0.00014
-21.21	77.78	0.00013	-28.28	84.85	0.00013
-35.36	91.92	0.00012	-42.43	98.99	0.00012
91.92	-49.50	0.00020	84.85	-42.43	0.00020
77.78	-35.36	0.00020	70.71	-28.28	0.00021
63.64	-21.21	0.00022	56.57	-14.14	0.00022
49.50	-7.07	0.00021	42.43	0.00	0.00020
38.89	3.54	0.00020	35.36	7.07	0.00019
33.23	9.19	0.00019	31.82	10.61	0.00019
30.41	12.02	0.00019	28.99	13.44	0.00019
27.58	14.85	0.00018	14.85	27.58	0.00017
13.44	28.99	0.00016	12.02	30.41	0.00016
10.61	31.82	0.00016	9.19	33.23	0.00016
7.07	35.36	0.00015	3.54	38.89	0.00015
0.00	42.43	0.00015	-7.07	49.50	0.00014
-14.14	56.57	0.00013	-21.21	63.64	0.00013
-28.28	70.71	0.00012	-35.36	77.78	0.00012
-42.43	84.85	0.00011	-49.50	91.92	0.00011

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

84.85	-56.57	0.00017	77.78	-49.50	0.00018
70.71	-42.43	0.00018	63.64	-35.36	0.00019
56.57	-28.28	0.00019	49.50	-21.21	0.00019
42.43	-14.14	0.00019	35.36	-7.07	0.00018
31.82	-3.54	0.00017	28.28	0.00	0.00017
26.16	2.12	0.00017	24.75	3.54	0.00017
23.33	4.95	0.00017	21.92	6.36	0.00017
20.51	7.78	0.00016	7.78	20.51	0.00015
6.36	21.92	0.00015	4.95	23.33	0.00014
3.54	24.75	0.00014	2.12	26.16	0.00014
0.00	28.28	0.00014	-3.54	31.82	0.00013
-7.07	35.36	0.00013	-14.14	42.43	0.00013
-21.21	49.50	0.00012	-28.28	56.57	0.00012
-35.36	63.64	0.00011	-42.43	70.71	0.00010
-49.50	77.78	0.00010	-56.57	84.85	0.00010

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

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

20:46:52

**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
77.78	-63.64	0.00016	70.71	-56.57	0.00016
63.64	-49.50	0.00017	56.57	-42.43	0.00017
49.50	-35.36	0.00017	42.43	-28.28	0.00017
35.36	-21.21	0.00016	28.28	-14.14	0.00016
24.75	-10.61	0.00015	21.21	-7.07	0.00015
19.09	-4.95	0.00015	17.68	-3.54	0.00015
16.26	-2.12	0.00015	14.85	-0.71	0.00015
13.44	0.71	0.00015	0.71	13.44	0.00013
-0.71	14.85	0.00013	-2.12	16.26	0.00013
-3.54	17.68	0.00013	-4.95	19.09	0.00013
-7.07	21.21	0.00012	-10.61	24.75	0.00012
-14.14	28.28	0.00012	-21.21	35.36	0.00011
-28.28	42.43	0.00011	-35.36	49.50	0.00010
-42.43	56.57	0.00010	-49.50	63.64	0.00010
-56.57	70.71	0.00009	-63.64	77.78	0.00009
70.71	-70.71	0.00014	63.64	-63.64	0.00015
56.57	-56.57	0.00015	49.50	-49.50	0.00015
42.43	-42.43	0.00015	35.36	-35.36	0.00015
28.28	-28.28	0.00015	21.21	-21.21	0.00014

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:46:52
 **MODELOPTs:
 PAGE 113
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00010	-24.75	10.61	0.00010
-28.28	14.14	0.00010	-35.36	21.21	0.00009
-42.43	28.28	0.00009	-49.50	35.36	0.00009
-56.57	42.43	0.00008	-63.64	49.50	0.00008
-70.71	56.57	0.00008	-77.78	63.64	0.00007
56.57	-84.85	0.00012	49.50	-77.78	0.00013
42.43	-70.71	0.00013	35.36	-63.64	0.00013
28.28	-56.57	0.00013	21.21	-49.50	0.00012
14.14	-42.43	0.00012	7.07	-35.36	0.00011
3.54	-31.82	0.00011	0.00	-28.28	0.00011
-2.12	-26.16	0.00011	-3.54	-24.75	0.00011
-4.95	-23.33	0.00011	-6.36	-21.92	0.00011
-7.78	-20.51	0.00011	-20.51	-7.78	0.00010

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-21.92	-6.36	0.00010	-23.33	-4.95	0.00010
-24.75	-3.54	0.00010	-26.16	-2.12	0.00009
-28.28	0.00	0.00009	-31.82	3.54	0.00009
-35.36	7.07	0.00009	-42.43	14.14	0.00009
-49.50	21.21	0.00008	-56.57	28.28	0.00008
-63.64	35.36	0.00008	-70.71	42.43	0.00007
-77.78	49.50	0.00007	-84.85	56.57	0.00007
49.50	-91.92	0.00011	42.43	-84.85	0.00012
35.36	-77.78	0.00012	28.28	-70.71	0.00012
21.21	-63.64	0.00011	14.14	-56.57	0.00011
7.07	-49.50	0.00011	0.00	-42.43	0.00010
-3.54	-38.89	0.00010	-7.07	-35.36	0.00010
-9.19	-33.23	0.00010	-10.61	-31.82	0.00010
-12.02	-30.41	0.00010	-13.44	-28.99	0.00010
-14.85	-27.58	0.00010	-27.58	-14.85	0.00009
-28.99	-13.44	0.00009	-30.41	-12.02	0.00009
-31.82	-10.61	0.00009	-33.23	-9.19	0.00009
-35.36	-7.07	0.00009	-38.89	-3.54	0.00008
-42.43	0.00	0.00008	-49.50	7.07	0.00008
-56.57	14.14	0.00008	-63.64	21.21	0.00008
-70.71	28.28	0.00007	-77.78	35.36	0.00007
-84.85	42.43	0.00007	-91.92	49.50	0.00006
42.43	-98.99	0.00010	35.36	-91.92	0.00011
28.28	-84.85	0.00011	21.21	-77.78	0.00011
14.14	-70.71	0.00010	7.07	-63.64	0.00010
0.00	-56.57	0.00010	-7.07	-49.50	0.00009
-10.61	-45.96	0.00009	-14.14	-42.43	0.00009

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

20:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00009	-17.68	-38.89	0.00009
-19.09	-37.48	0.00009	-20.51	-36.06	0.00009
-21.92	-34.65	0.00009	-34.65	-21.92	0.00008
-36.06	-20.51	0.00008	-37.48	-19.09	0.00008
-38.89	-17.68	0.00008	-40.31	-16.26	0.00008
-42.43	-14.14	0.00008	-45.96	-10.61	0.00008
-49.50	-7.07	0.00008	-56.57	0.00	0.00007

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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	0.00006	-81.32	-45.96	0.00005
-84.85	-42.43	0.00005	-91.92	-35.36	0.00005
-98.99	-28.28	0.00005	-106.07	-21.21	0.00005
-113.14	-14.14	0.00005	-120.21	-7.07	0.00005
-127.28	0.00	0.00005	-134.35	7.07	0.00004
0.00	-141.42	0.00007	-7.07	-134.35	0.00007
-14.14	-127.28	0.00007	-21.21	-120.21	0.00007
-28.28	-113.14	0.00006	-35.36	-106.07	0.00006
-42.43	-98.99	0.00006	-49.50	-91.92	0.00006
-53.03	-88.39	0.00006	-56.57	-84.85	0.00006
-58.69	-82.73	0.00006	-60.10	-81.32	0.00006
-61.52	-79.90	0.00006	-62.93	-78.49	0.00006
-64.35	-77.07	0.00006	-77.07	-64.35	0.00005
-78.49	-62.93	0.00005	-79.90	-61.52	0.00005
-81.32	-60.10	0.00005	-82.73	-58.69	0.00005
-84.85	-56.57	0.00005	-88.39	-53.03	0.00005
-91.92	-49.50	0.00005	-98.99	-42.43	0.00005
-106.07	-35.36	0.00005	-113.14	-28.28	0.00005
-120.21	-21.21	0.00005	-127.28	-14.14	0.00004
-134.35	-7.07	0.00004	-141.42	0.00	0.00004
-7.07	-148.49	0.00006	-14.14	-141.42	0.00006
-21.21	-134.35	0.00006	-28.28	-127.28	0.00006
-35.36	-120.21	0.00006	-42.43	-113.14	0.00006
-49.50	-106.07	0.00006	-56.57	-98.99	0.00006
-60.10	-95.46	0.00006	-63.64	-91.92	0.00006
-65.76	-89.80	0.00005	-67.18	-88.39	0.00005
-68.59	-86.97	0.00005	-70.00	-85.56	0.00005
-71.42	-84.15	0.00005	-84.15	-71.42	0.00005
-85.56	-70.00	0.00005	-86.97	-68.59	0.00005
-88.39	-67.18	0.00005	-89.80	-65.76	0.00005
-91.92	-63.64	0.00005	-95.46	-60.10	0.00005
-98.99	-56.57	0.00005	-106.07	-49.50	0.00004
-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	0.00006	-21.21	-148.49	0.00006
-28.28	-141.42	0.00006	-35.36	-134.35	0.00006
-42.43	-127.28	0.00006	-49.50	-120.21	0.00005
-56.57	-113.14	0.00005	-63.64	-106.07	0.00005

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-106.77	-91.22	0.00004	-108.19	-89.80	0.00004
-109.60	-88.39	0.00004	-111.02	-86.97	0.00004
-113.14	-84.85	0.00004	-116.67	-81.32	0.00004
-120.21	-77.78	0.00004	-127.28	-70.71	0.00004
-134.35	-63.64	0.00004	-141.42	-56.57	0.00004
-148.49	-49.50	0.00004	-155.56	-42.43	0.00004
-162.63	-35.36	0.00003	-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	0.00005	-42.43	-169.71	0.00005
-49.50	-162.63	0.00005	-56.57	-155.56	0.00005
-63.64	-148.49	0.00005	-70.71	-141.42	0.00004
-77.78	-134.35	0.00004	-84.85	-127.28	0.00004
-88.39	-123.74	0.00004	-91.92	-120.21	0.00004
-94.05	-118.09	0.00004	-95.46	-116.67	0.00004
-96.87	-115.26	0.00004	-98.29	-113.84	0.00004
-99.70	-112.43	0.00004	-112.43	-99.70	0.00004
-113.84	-98.29	0.00004	-115.26	-96.87	0.00004
-116.67	-95.46	0.00004	-118.09	-94.05	0.00004
-120.21	-91.92	0.00004	-123.74	-88.39	0.00004
-127.28	-84.85	0.00004	-134.35	-77.78	0.00004
-141.42	-70.71	0.00004	-148.49	-63.64	0.00003
-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	0.00005	-49.50	-176.78	0.00005
-56.57	-169.71	0.00005	-63.64	-162.63	0.00004
-70.71	-155.56	0.00004	-77.78	-148.49	0.00004
-84.85	-141.42	0.00004	-91.92	-134.35	0.00004
-95.46	-130.81	0.00004	-98.99	-127.28	0.00004
-101.12	-125.16	0.00004	-102.53	-123.74	0.00004
-103.94	-122.33	0.00004	-105.36	-120.92	0.00004
-106.77	-119.50	0.00004	-119.50	-106.77	0.00004
-120.92	-105.36	0.00004	-122.33	-103.94	0.00004
-123.74	-102.53	0.00004	-125.16	-101.12	0.00004
-127.28	-98.99	0.00004	-130.81	-95.46	0.00004
-134.35	-91.92	0.00004	-141.42	-84.85	0.00003

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:46:52

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-136.47	-160.51	0.00003	-137.89	-159.10	0.00003
-139.30	-157.68	0.00003	-140.71	-156.27	0.00003
-142.13	-154.86	0.00003	-154.86	-142.13	0.00003
-156.27	-140.71	0.00003	-157.68	-139.30	0.00003
-159.10	-137.89	0.00003	-160.51	-136.47	0.00003
-162.63	-134.35	0.00003	-166.17	-130.81	0.00003
-169.71	-127.28	0.00003	-176.78	-120.21	0.00003
-183.85	-113.14	0.00003	-190.92	-106.07	0.00003
-197.99	-98.99	0.00003	-205.06	-91.92	0.00003
-212.13	-84.85	0.00002	-219.20	-77.78	0.00002
-84.85	-226.27	0.00003	-91.92	-219.20	0.00003
-98.99	-212.13	0.00003	-106.07	-205.06	0.00003
-113.14	-197.99	0.00003	-120.21	-190.92	0.00003
-127.28	-183.85	0.00003	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00002
-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 ***

20:46:52
 **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	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00003	-113.14	-212.13	0.00003
-120.21	-205.06	0.00003	-127.28	-197.99	0.00003
-134.35	-190.92	0.00003	-141.42	-183.85	0.00003
-144.96	-180.31	0.00003	-148.49	-176.78	0.00003
-150.61	-174.66	0.00003	-152.03	-173.24	0.00003
-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-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	0.00002
-197.99	-127.28	0.00002	-205.06	-120.21	0.00002
-212.13	-113.14	0.00002	-219.20	-106.07	0.00002
-226.27	-98.99	0.00002	-233.35	-91.92	0.00002
-98.99	-240.42	0.00003	-106.07	-233.35	0.00003
-113.14	-226.27	0.00003	-120.21	-219.20	0.00003
-127.28	-212.13	0.00003	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-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	0.00002	-197.99	-141.42	0.00002
-205.06	-134.35	0.00002	-212.13	-127.28	0.00002
-219.20	-120.21	0.00002	-226.27	-113.14	0.00002
-233.35	-106.07	0.00002	-240.42	-98.99	0.00002
-106.07	-247.49	0.00003	-113.14	-240.42	0.00003
-120.21	-233.35	0.00003	-127.28	-226.27	0.00003
-134.35	-219.20	0.00003	-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	0.00002
-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 ***

20:46:52

**MODELOPTs:
 PAGE 122

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

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00283	197.99	127.28	0.00314
190.92	134.35	0.00349	183.85	141.42	0.00390
180.31	144.96	0.00414	176.78	148.49	0.00440
174.66	150.61	0.00458	173.24	152.03	0.00472
171.83	153.44	0.00488	170.41	154.86	0.00506
169.00	156.27	0.00527	156.27	169.00	0.00742
154.86	170.41	0.00742	153.44	171.83	0.00737
152.03	173.24	0.00729	150.61	174.66	0.00720

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

20:46:52
 **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	0.00703	144.96	180.31	0.00672
141.42	183.85	0.00638	134.35	190.92	0.00571
127.28	197.99	0.00510	120.21	205.06	0.00457
113.14	212.13	0.00411	106.07	219.20	0.00372
99.00	226.27	0.00338	91.92	233.35	0.00309
226.27	84.85	0.00209	219.20	91.92	0.00230
212.13	98.99	0.00254	205.06	106.07	0.00282
197.99	113.14	0.00315	190.92	120.21	0.00353
183.85	127.28	0.00399	176.78	134.35	0.00452
173.24	137.89	0.00484	169.71	141.42	0.00522
167.58	143.54	0.00548	166.17	144.96	0.00568
164.76	146.37	0.00591	163.34	147.79	0.00620
161.93	149.20	0.00656	149.20	161.93	0.00895
147.79	163.34	0.00871	146.37	164.76	0.00850
144.96	166.17	0.00831	143.54	167.58	0.00813
141.42	169.71	0.00787	137.89	173.24	0.00742
134.35	176.78	0.00699	127.28	183.85	0.00618
120.21	190.92	0.00547	113.14	197.99	0.00486
106.07	205.06	0.00434	99.00	212.13	0.00390
91.92	219.20	0.00354	84.85	226.27	0.00322
219.20	77.78	0.00224	212.13	84.85	0.00247
205.06	91.92	0.00274	197.99	98.99	0.00306
190.92	106.07	0.00344	183.85	113.14	0.00389
176.78	120.21	0.00441	169.71	127.28	0.00501
166.17	130.81	0.00536	162.63	134.35	0.00575
160.51	136.47	0.00602	159.10	137.89	0.00621

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00643	156.27	140.71	0.00669
154.86	142.13	0.00702	142.13	154.86	0.00918
140.71	156.27	0.00893	139.30	157.68	0.00872
137.89	159.10	0.00853	136.47	160.51	0.00835
134.35	162.63	0.00808	130.81	166.17	0.00764
127.28	169.71	0.00720	120.21	176.78	0.00639
113.14	183.85	0.00565	106.07	190.92	0.00502
99.00	197.99	0.00448	91.92	205.06	0.00403
84.85	212.13	0.00364	77.78	219.20	0.00331
212.13	70.71	0.00237	205.06	77.78	0.00262
197.99	84.85	0.00292	190.92	91.92	0.00327
183.85	98.99	0.00368	176.78	106.07	0.00416
169.71	113.14	0.00471	162.63	120.21	0.00533
159.10	123.74	0.00567	155.56	127.28	0.00603

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

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

20:46:52

**MODELOPTs:
 PAGE 125

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	0.00628	152.03	130.81	0.00646
150.61	132.23	0.00667	149.20	133.64	0.00692
147.79	135.06	0.00724	135.06	147.79	0.00932
133.64	149.20	0.00908	132.23	150.61	0.00887
130.81	152.03	0.00868	129.40	153.44	0.00849
127.28	155.56	0.00821	123.74	159.10	0.00776
120.21	162.63	0.00733	113.14	169.71	0.00649
106.07	176.78	0.00575	98.99	183.85	0.00511
91.92	190.92	0.00457	84.85	197.99	0.00410
77.78	205.06	0.00371	70.71	212.13	0.00337
205.06	63.64	0.00248	197.99	70.71	0.00275
190.92	77.78	0.00307	183.85	84.85	0.00344
176.78	91.92	0.00387	169.71	98.99	0.00437
162.63	106.07	0.00493	155.56	113.14	0.00554
152.03	116.67	0.00586	148.49	120.21	0.00621
146.37	122.33	0.00645	144.96	123.74	0.00663
143.54	125.16	0.00684	142.13	126.57	0.00708
140.71	127.99	0.00739	127.99	140.71	0.00943
126.57	142.13	0.00918	125.16	143.54	0.00897
123.74	144.96	0.00877	122.33	146.37	0.00859

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00831	116.67	152.03	0.00786
113.14	155.56	0.00742	106.07	162.63	0.00657
98.99	169.71	0.00582	91.92	176.78	0.00517
84.85	183.85	0.00462	77.78	190.92	0.00415
70.71	197.99	0.00376	63.64	205.06	0.00342
197.99	56.57	0.00258	190.92	63.64	0.00286
183.85	70.71	0.00319	176.78	77.78	0.00357
169.71	84.85	0.00401	162.63	91.92	0.00452
155.56	98.99	0.00508	148.49	106.07	0.00567
144.96	109.60	0.00599	141.42	113.14	0.00634
139.30	115.26	0.00658	137.89	116.67	0.00676
136.47	118.09	0.00697	135.06	119.50	0.00720
133.64	120.92	0.00750	120.92	133.64	0.00952
119.50	135.06	0.00927	118.09	136.47	0.00905
116.67	137.89	0.00885	115.26	139.30	0.00866
113.14	141.42	0.00839	109.60	144.96	0.00794
106.07	148.49	0.00749	98.99	155.56	0.00664
91.92	162.63	0.00588	84.85	169.71	0.00522
77.78	176.78	0.00466	70.71	183.85	0.00419
63.64	190.92	0.00379	56.57	197.99	0.00344

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

20:46:52
 **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	0.00267	183.85	56.57	0.00295
176.78	63.64	0.00329	169.71	70.71	0.00368
162.63	77.78	0.00413	155.56	84.85	0.00463
148.49	91.92	0.00518	141.42	98.99	0.00577
137.89	102.53	0.00609	134.35	106.07	0.00644
132.23	108.19	0.00668	130.81	109.60	0.00686
129.40	111.02	0.00706	127.99	112.43	0.00729
126.57	113.84	0.00759	113.84	126.57	0.00958
112.43	127.99	0.00933	111.02	129.40	0.00912
109.60	130.81	0.00892	108.19	132.23	0.00873
106.07	134.35	0.00845	102.53	137.89	0.00799
98.99	141.42	0.00754	91.92	148.49	0.00669
84.85	155.56	0.00592	77.78	162.63	0.00526
70.71	169.71	0.00470	63.64	176.78	0.00422

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00381	49.50	190.92	0.00347
183.85	42.43	0.00273	176.78	49.50	0.00303
169.71	56.57	0.00337	162.63	63.64	0.00376
155.56	70.71	0.00421	148.49	77.78	0.00471
141.42	84.85	0.00525	134.35	91.92	0.00585
130.81	95.46	0.00617	127.28	98.99	0.00652
125.16	101.12	0.00676	123.74	102.53	0.00694
122.33	103.94	0.00713	120.92	105.36	0.00736
119.50	106.77	0.00765	106.77	119.50	0.00963
105.36	120.92	0.00938	103.94	122.33	0.00917
102.53	123.74	0.00897	101.12	125.16	0.00878
98.99	127.28	0.00850	95.46	130.81	0.00803
91.92	134.35	0.00758	84.85	141.42	0.00672
77.78	148.49	0.00596	70.71	155.56	0.00529
63.64	162.63	0.00472	56.57	169.71	0.00424
49.50	176.78	0.00383	42.43	183.85	0.00348
176.78	35.36	0.00279	169.71	42.43	0.00309
162.63	49.50	0.00343	155.56	56.57	0.00383
148.49	63.64	0.00427	141.42	70.71	0.00476
134.35	77.78	0.00531	127.28	84.85	0.00591
123.74	88.39	0.00623	120.21	91.92	0.00658
118.09	94.05	0.00682	116.67	95.46	0.00700
115.26	96.87	0.00719	113.84	98.29	0.00742
112.43	99.70	0.00771	99.70	112.43	0.00968
98.29	113.84	0.00943	96.87	115.26	0.00921
95.46	116.67	0.00901	94.05	118.09	0.00882

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

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

20:46:52

**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	0.00853	88.39	123.74	0.00807
84.85	127.28	0.00761	77.78	134.35	0.00675
70.71	141.42	0.00598	63.64	148.49	0.00531
56.57	155.56	0.00474	49.50	162.63	0.00426
42.43	169.71	0.00385	35.36	176.78	0.00349
169.71	28.28	0.00284	162.63	35.36	0.00314
155.56	42.43	0.00348	148.49	49.50	0.00387
141.42	56.57	0.00431	134.35	63.64	0.00481

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00536	120.21	77.78	0.00595
116.67	81.32	0.00628	113.14	84.85	0.00663
111.02	86.97	0.00686	109.60	88.39	0.00703
108.19	89.80	0.00723	106.77	91.22	0.00748
105.36	92.63	0.00777	92.63	105.36	0.00972
91.22	106.77	0.00946	89.80	108.19	0.00923
88.39	109.60	0.00903	86.97	111.02	0.00884
84.85	113.14	0.00856	81.32	116.67	0.00810
77.78	120.21	0.00764	70.71	127.28	0.00677
63.64	134.35	0.00600	56.57	141.42	0.00533
49.50	148.49	0.00476	42.43	155.56	0.00427
35.36	162.63	0.00386	28.28	169.71	0.00350
162.63	21.21	0.00288	155.56	28.28	0.00318
148.49	35.36	0.00352	141.42	42.43	0.00391
134.35	49.50	0.00435	127.28	56.57	0.00484
120.21	63.64	0.00540	113.14	70.71	0.00599
109.60	74.25	0.00631	106.07	77.78	0.00666
103.94	79.90	0.00689	102.53	81.32	0.00706
101.12	82.73	0.00726	99.70	84.15	0.00750
98.29	85.56	0.00781	85.56	98.29	0.00974
84.15	99.70	0.00948	82.73	101.12	0.00925
81.32	102.53	0.00905	79.90	103.94	0.00886
77.78	106.07	0.00858	74.25	109.60	0.00812
70.71	113.14	0.00765	63.64	120.21	0.00679
56.57	127.28	0.00601	49.50	134.35	0.00534
42.43	141.42	0.00477	35.36	148.49	0.00428
28.28	155.56	0.00387	21.21	162.63	0.00351
155.56	14.14	0.00290	148.49	21.21	0.00320
141.42	28.28	0.00354	134.35	35.36	0.00393
127.28	42.43	0.00437	120.21	49.50	0.00487
113.14	56.57	0.00543	106.07	63.64	0.00602
102.53	67.18	0.00634	98.99	70.71	0.00669

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

20:46:52
 **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	0.00692	95.46	74.25	0.00709
94.05	75.66	0.00728	92.63	77.07	0.00752

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00783	78.49	91.22	0.00975
77.07	92.63	0.00949	75.66	94.05	0.00927
74.25	95.46	0.00907	72.83	96.87	0.00888
70.71	98.99	0.00860	67.18	102.53	0.00813
63.64	106.07	0.00766	56.57	113.14	0.00680
49.50	120.21	0.00602	42.43	127.28	0.00535
35.36	134.35	0.00478	28.28	141.42	0.00429
21.21	148.49	0.00387	14.14	155.56	0.00351
148.49	7.07	0.00292	141.42	14.14	0.00322
134.35	21.21	0.00356	127.28	28.28	0.00395
120.21	35.36	0.00439	113.14	42.43	0.00490
106.07	49.50	0.00545	98.99	56.57	0.00605
95.46	60.10	0.00636	91.92	63.64	0.00670
89.80	65.76	0.00694	88.39	67.18	0.00711
86.97	68.59	0.00730	85.56	70.00	0.00753
84.15	71.42	0.00783	71.42	84.15	0.00976
70.00	85.56	0.00950	68.59	86.97	0.00928
67.18	88.39	0.00908	65.76	89.80	0.00889
63.64	91.92	0.00860	60.10	95.46	0.00813
56.57	98.99	0.00768	49.50	106.07	0.00681
42.43	113.14	0.00603	35.36	120.21	0.00536
28.28	127.28	0.00478	21.21	134.35	0.00429
14.14	141.42	0.00387	7.07	148.49	0.00352
141.42	0.00	0.00294	134.35	7.07	0.00324
127.28	14.14	0.00358	120.21	21.21	0.00397
113.14	28.28	0.00441	106.07	35.36	0.00491
98.99	42.43	0.00547	91.92	49.50	0.00606
88.39	53.03	0.00638	84.85	56.57	0.00672
82.73	58.69	0.00695	81.32	60.10	0.00712
79.90	61.52	0.00731	78.49	62.93	0.00754
77.07	64.35	0.00784	64.35	77.07	0.00977
62.93	78.49	0.00951	61.52	79.90	0.00929
60.10	81.32	0.00909	58.69	82.73	0.00889
56.57	84.85	0.00861	53.03	88.39	0.00814
49.50	91.92	0.00768	42.43	98.99	0.00681
35.36	106.07	0.00603	28.28	113.14	0.00536
21.21	120.21	0.00478	14.14	127.28	0.00429
7.07	134.35	0.00387	0.00	141.42	0.00351

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	0.00295	127.28	0.00	0.00324
120.21	7.07	0.00358	113.14	14.14	0.00398
106.07	21.21	0.00442	98.99	28.28	0.00493
91.92	35.36	0.00548	84.85	42.43	0.00607
81.32	45.96	0.00639	77.78	49.50	0.00673
75.66	51.62	0.00696	74.25	53.03	0.00713
72.83	54.45	0.00732	71.42	55.86	0.00755
70.00	57.28	0.00784	57.28	70.00	0.00977
55.86	71.42	0.00951	54.45	72.83	0.00929
53.03	74.25	0.00909	51.62	75.66	0.00889
49.50	77.78	0.00861	45.96	81.32	0.00815
42.43	84.85	0.00769	35.36	91.92	0.00681
28.28	98.99	0.00603	21.21	106.07	0.00536
14.14	113.14	0.00478	7.07	120.21	0.00429
0.00	127.28	0.00387	-7.07	134.35	0.00351
127.28	-14.14	0.00295	120.21	-7.07	0.00325
113.14	0.00	0.00359	106.07	7.07	0.00398
98.99	14.14	0.00443	91.92	21.21	0.00493
84.85	28.28	0.00549	77.78	35.36	0.00608
74.25	38.89	0.00639	70.71	42.43	0.00673
68.59	44.55	0.00696	67.18	45.96	0.00713
65.76	47.38	0.00732	64.35	48.79	0.00755
62.93	50.20	0.00784	50.20	62.93	0.00977
48.79	64.35	0.00951	47.38	65.76	0.00929
45.96	67.18	0.00909	44.55	68.59	0.00890
42.43	70.71	0.00861	38.89	74.25	0.00814
35.36	77.78	0.00768	28.28	84.85	0.00681
21.21	91.92	0.00603	14.14	98.99	0.00535
7.07	106.07	0.00477	0.00	113.14	0.00428
-7.07	120.21	0.00386	-14.14	127.28	0.00350
120.21	-21.21	0.00296	113.14	-14.14	0.00325
106.07	-7.07	0.00359	98.99	0.00	0.00399
91.92	7.07	0.00444	84.85	14.14	0.00494
77.78	21.21	0.00549	70.71	28.28	0.00608
67.18	31.82	0.00639	63.64	35.36	0.00673
61.52	37.48	0.00696	60.10	38.89	0.00713
58.69	40.31	0.00733	57.28	41.72	0.00755
55.86	43.13	0.00784	43.13	55.86	0.00977
41.72	57.28	0.00951	40.31	58.69	0.00929
38.89	60.10	0.00909	37.48	61.52	0.00889

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

*** NCRA Cumulative DPM Impacts

20:46:52

**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	0.00861	31.82	67.18	0.00814
28.28	70.71	0.00768	21.21	77.78	0.00680
14.14	84.85	0.00602	7.07	91.92	0.00534
0.00	98.99	0.00477	-7.07	106.07	0.00427
-14.14	113.14	0.00385	-21.21	120.21	0.00349
113.14	-28.28	0.00296	106.07	-21.21	0.00325
98.99	-14.14	0.00360	91.92	-7.07	0.00399
84.85	0.00	0.00444	77.78	7.07	0.00494
70.71	14.14	0.00549	63.64	21.21	0.00607
60.10	24.75	0.00639	56.57	28.28	0.00673
54.45	30.41	0.00696	53.03	31.82	0.00714
51.62	33.23	0.00733	50.20	34.65	0.00755
48.79	36.06	0.00783	36.06	48.79	0.00977
34.65	50.20	0.00951	33.23	51.62	0.00929
31.82	53.03	0.00908	30.41	54.45	0.00889
28.28	56.57	0.00860	24.75	60.10	0.00813
21.21	63.64	0.00767	14.14	70.71	0.00679
7.07	77.78	0.00601	0.00	84.85	0.00533
-7.07	91.92	0.00476	-14.14	98.99	0.00426
-21.21	106.07	0.00384	-28.28	113.14	0.00348
106.07	-35.36	0.00295	98.99	-28.28	0.00325
91.92	-21.21	0.00359	84.85	-14.14	0.00399
77.78	-7.07	0.00443	70.71	0.00	0.00493
63.64	7.07	0.00548	56.57	14.14	0.00607
53.03	17.68	0.00638	49.50	21.21	0.00672
47.38	23.33	0.00695	45.96	24.75	0.00712
44.55	26.16	0.00732	43.13	27.58	0.00756
41.72	28.99	0.00786	28.99	41.72	0.00977
27.58	43.13	0.00950	26.16	44.55	0.00928
24.75	45.96	0.00907	23.33	47.38	0.00888
21.21	49.50	0.00859	17.68	53.03	0.00812
14.14	56.57	0.00766	7.07	63.64	0.00678
0.00	70.71	0.00600	-7.07	77.78	0.00532
-14.14	84.85	0.00474	-21.21	91.92	0.00425

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00383	-35.36	106.07	0.00347
98.99	-42.43	0.00295	91.92	-35.36	0.00324
84.85	-28.28	0.00359	77.78	-21.21	0.00398
70.71	-14.14	0.00443	63.64	-7.07	0.00493
56.57	0.00	0.00548	49.50	7.07	0.00606
45.96	10.61	0.00637	42.43	14.14	0.00671

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

20:46:52
 **MODELOPTs:
 PAGE 131
 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	0.00694	38.89	17.68	0.00711
37.48	19.09	0.00730	36.06	20.51	0.00755
34.65	21.92	0.00785	21.92	34.65	0.00975
20.51	36.06	0.00949	19.09	37.48	0.00926
17.68	38.89	0.00906	16.26	40.31	0.00886
14.14	42.43	0.00858	10.61	45.96	0.00811
7.07	49.50	0.00764	0.00	56.57	0.00677
-7.07	63.64	0.00599	-14.14	70.71	0.00531
-21.21	77.78	0.00473	-28.28	84.85	0.00424
-35.36	91.92	0.00381	-42.43	98.99	0.00345
91.92	-49.50	0.00294	84.85	-42.43	0.00324
77.78	-35.36	0.00358	70.71	-28.28	0.00397
63.64	-21.21	0.00442	56.57	-14.14	0.00492
49.50	-7.07	0.00546	42.43	0.00	0.00605
38.89	3.54	0.00636	35.36	7.07	0.00670
33.23	9.19	0.00693	31.82	10.61	0.00710
30.41	12.02	0.00729	28.99	13.44	0.00753
27.58	14.85	0.00783	14.85	27.58	0.00973
13.44	28.99	0.00947	12.02	30.41	0.00925
10.61	31.82	0.00904	9.19	33.23	0.00885
7.07	35.36	0.00856	3.54	38.89	0.00809
0.00	42.43	0.00762	-7.07	49.50	0.00675
-14.14	56.57	0.00597	-21.21	63.64	0.00529
-28.28	70.71	0.00471	-35.36	77.78	0.00422
-42.43	84.85	0.00380	-49.50	91.92	0.00344
84.85	-56.57	0.00293	77.78	-49.50	0.00323
70.71	-42.43	0.00357	63.64	-35.36	0.00396
56.57	-28.28	0.00441	49.50	-21.21	0.00490

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00545	35.36	-7.07	0.00604
31.82	-3.54	0.00635	28.28	0.00	0.00669
26.16	2.12	0.00691	24.75	3.54	0.00709
23.33	4.95	0.00728	21.92	6.36	0.00750
20.51	7.78	0.00781	7.78	20.51	0.00971
6.36	21.92	0.00945	4.95	23.33	0.00923
3.54	24.75	0.00903	2.12	26.16	0.00883
0.00	28.28	0.00854	-3.54	31.82	0.00807
-7.07	35.36	0.00761	-14.14	42.43	0.00673
-21.21	49.50	0.00595	-28.28	56.57	0.00527
-35.36	63.64	0.00469	-42.43	70.71	0.00420
-49.50	77.78	0.00378	-56.57	84.85	0.00341

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

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

20:46:52

**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	0.00292	70.71	-56.57	0.00321
63.64	-49.50	0.00355	56.57	-42.43	0.00395
49.50	-35.36	0.00439	42.43	-28.28	0.00489
35.36	-21.21	0.00543	28.28	-14.14	0.00602
24.75	-10.61	0.00633	21.21	-7.07	0.00667
19.09	-4.95	0.00690	17.68	-3.54	0.00706
16.26	-2.12	0.00726	14.85	-0.71	0.00749
13.44	0.71	0.00778	0.71	13.44	0.00969
-0.71	14.85	0.00943	-2.12	16.26	0.00921
-3.54	17.68	0.00900	-4.95	19.09	0.00881
-7.07	21.21	0.00852	-10.61	24.75	0.00805
-14.14	28.28	0.00759	-21.21	35.36	0.00671
-28.28	42.43	0.00593	-35.36	49.50	0.00525
-42.43	56.57	0.00467	-49.50	63.64	0.00417
-56.57	70.71	0.00375	-63.64	77.78	0.00339
70.71	-70.71	0.00290	63.64	-63.64	0.00320
56.57	-56.57	0.00354	49.50	-49.50	0.00393
42.43	-42.43	0.00437	35.36	-35.36	0.00487
28.28	-28.28	0.00541	21.21	-21.21	0.00600
17.68	-17.68	0.00631	14.14	-14.14	0.00665
12.02	-12.02	0.00687	10.61	-10.61	0.00704
9.19	-9.19	0.00724	7.78	-7.78	0.00746

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00775	-6.36	6.36	0.00967
-7.78	7.78	0.00941	-9.19	9.19	0.00918
-10.61	10.61	0.00898	-12.02	12.02	0.00878
-14.14	14.14	0.00849	-17.68	17.68	0.00802
-21.21	21.21	0.00756	-28.28	28.28	0.00668
-35.36	35.36	0.00590	-42.43	42.43	0.00522
-49.50	49.50	0.00464	-56.57	56.57	0.00415
-63.64	63.64	0.00373	-70.71	70.71	0.00336
63.64	-77.78	0.00288	56.57	-70.71	0.00318
49.50	-63.64	0.00352	42.43	-56.57	0.00391
35.36	-49.50	0.00435	28.28	-42.43	0.00485
21.21	-35.36	0.00539	14.14	-28.28	0.00597
10.61	-24.75	0.00629	7.07	-21.21	0.00662
4.95	-19.09	0.00685	3.54	-17.68	0.00702
2.12	-16.26	0.00721	0.71	-14.85	0.00744
-0.71	-13.44	0.00772	-13.44	-0.71	0.00964
-14.85	0.71	0.00938	-16.26	2.12	0.00916
-17.68	3.54	0.00895	-19.09	4.95	0.00876

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

20:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00847	-24.75	10.61	0.00800
-28.28	14.14	0.00753	-35.36	21.21	0.00665
-42.43	28.28	0.00587	-49.50	35.36	0.00519
-56.57	42.43	0.00461	-63.64	49.50	0.00412
-70.71	56.57	0.00370	-77.78	63.64	0.00333
56.57	-84.85	0.00286	49.50	-77.78	0.00316
42.43	-70.71	0.00349	35.36	-63.64	0.00388
28.28	-56.57	0.00432	21.21	-49.50	0.00482
14.14	-42.43	0.00536	7.07	-35.36	0.00595
3.54	-31.82	0.00626	0.00	-28.28	0.00660
-2.12	-26.16	0.00682	-3.54	-24.75	0.00699
-4.95	-23.33	0.00718	-6.36	-21.92	0.00741
-7.78	-20.51	0.00769	-20.51	-7.78	0.00961
-21.92	-6.36	0.00935	-23.33	-4.95	0.00913
-24.75	-3.54	0.00892	-26.16	-2.12	0.00873
-28.28	0.00	0.00844	-31.82	3.54	0.00796

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00750	-42.43	14.14	0.00662
-49.50	21.21	0.00584	-56.57	28.28	0.00516
-63.64	35.36	0.00458	-70.71	42.43	0.00408
-77.78	49.50	0.00366	-84.85	56.57	0.00330
49.50	-91.92	0.00284	42.43	-84.85	0.00313
35.36	-77.78	0.00347	28.28	-70.71	0.00386
21.21	-63.64	0.00430	14.14	-56.57	0.00479
7.07	-49.50	0.00533	0.00	-42.43	0.00591
-3.54	-38.89	0.00623	-7.07	-35.36	0.00656
-9.19	-33.23	0.00679	-10.61	-31.82	0.00697
-12.02	-30.41	0.00716	-13.44	-28.99	0.00738
-14.85	-27.58	0.00766	-27.58	-14.85	0.00958
-28.99	-13.44	0.00932	-30.41	-12.02	0.00909
-31.82	-10.61	0.00889	-33.23	-9.19	0.00869
-35.36	-7.07	0.00840	-38.89	-3.54	0.00793
-42.43	0.00	0.00746	-49.50	7.07	0.00658
-56.57	14.14	0.00580	-63.64	21.21	0.00512
-70.71	28.28	0.00454	-77.78	35.36	0.00405
-84.85	42.43	0.00363	-91.92	49.50	0.00326
42.43	-98.99	0.00281	35.36	-91.92	0.00310
28.28	-84.85	0.00344	21.21	-77.78	0.00382
14.14	-70.71	0.00426	7.07	-63.64	0.00476
0.00	-56.57	0.00530	-7.07	-49.50	0.00587
-10.61	-45.96	0.00619	-14.14	-42.43	0.00653

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
-16.26	-40.31	0.00675	-17.68	-38.89	0.00692
-19.09	-37.48	0.00712	-20.51	-36.06	0.00736
-21.92	-34.65	0.00765	-34.65	-21.92	0.00954
-36.06	-20.51	0.00928	-37.48	-19.09	0.00905
-38.89	-17.68	0.00884	-40.31	-16.26	0.00865
-42.43	-14.14	0.00836	-45.96	-10.61	0.00789
-49.50	-7.07	0.00742	-56.57	0.00	0.00654
-63.64	7.07	0.00576	-70.71	14.14	0.00508
-77.78	21.21	0.00450	-84.85	28.28	0.00401
-91.92	35.36	0.00358	-98.99	42.43	0.00322

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00278	28.28	-98.99	0.00307
21.21	-91.92	0.00340	14.14	-84.85	0.00379
7.07	-77.78	0.00423	0.00	-70.71	0.00472
-7.07	-63.64	0.00526	-14.14	-56.57	0.00583
-17.68	-53.03	0.00614	-21.21	-49.50	0.00648
-23.33	-47.38	0.00671	-24.75	-45.96	0.00688
-26.16	-44.55	0.00707	-27.58	-43.13	0.00731
-28.99	-41.72	0.00762	-41.72	-28.99	0.00950
-43.13	-27.58	0.00923	-44.55	-26.16	0.00900
-45.96	-24.75	0.00879	-47.38	-23.33	0.00860
-49.50	-21.21	0.00831	-53.03	-17.68	0.00784
-56.57	-14.14	0.00737	-63.64	-7.07	0.00649
-70.71	0.00	0.00571	-77.78	7.07	0.00503
-84.85	14.14	0.00445	-91.92	21.21	0.00396
-98.99	28.28	0.00354	-106.07	35.36	0.00318
28.28	-113.14	0.00275	21.21	-106.07	0.00304
14.14	-98.99	0.00337	7.07	-91.92	0.00375
0.00	-84.85	0.00418	-7.07	-77.78	0.00467
-14.14	-70.71	0.00521	-21.21	-63.64	0.00579
-24.75	-60.10	0.00610	-28.28	-56.57	0.00643
-30.41	-54.45	0.00666	-31.82	-53.03	0.00683
-33.23	-51.62	0.00702	-34.65	-50.20	0.00725
-36.06	-48.79	0.00756	-48.79	-36.06	0.00944
-50.20	-34.65	0.00918	-51.62	-33.23	0.00895
-53.03	-31.82	0.00875	-54.45	-30.41	0.00855
-56.57	-28.28	0.00826	-60.10	-24.75	0.00778
-63.64	-21.21	0.00731	-70.71	-14.14	0.00644
-77.78	-7.07	0.00566	-84.85	0.00	0.00498
-91.92	7.07	0.00440	-98.99	14.14	0.00391
-106.07	21.21	0.00348	-113.14	28.28	0.00312

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
21.21	-120.21	0.00272	14.14	-113.14	0.00300
7.07	-106.07	0.00333	0.00	-98.99	0.00370
-7.07	-91.92	0.00414	-14.14	-84.85	0.00462
-21.21	-77.78	0.00516	-28.28	-70.71	0.00574

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00604	-35.36	-63.64	0.00638
-37.48	-61.52	0.00661	-38.89	-60.10	0.00678
-40.31	-58.69	0.00697	-41.72	-57.28	0.00719
-43.13	-55.86	0.00749	-55.86	-43.13	0.00938
-57.28	-41.72	0.00912	-58.69	-40.31	0.00889
-60.10	-38.89	0.00869	-61.52	-37.48	0.00849
-63.64	-35.36	0.00820	-67.18	-31.82	0.00772
-70.71	-28.28	0.00726	-77.78	-21.21	0.00638
-84.85	-14.14	0.00560	-91.92	-7.07	0.00492
-98.99	0.00	0.00434	-106.07	7.07	0.00385
-113.14	14.14	0.00343	-120.21	21.21	0.00306
14.14	-127.28	0.00268	7.07	-120.21	0.00296
0.00	-113.14	0.00328	-7.07	-106.07	0.00365
-14.14	-98.99	0.00408	-21.21	-91.92	0.00457
-28.28	-84.85	0.00510	-35.36	-77.78	0.00568
-38.89	-74.25	0.00598	-42.43	-70.71	0.00632
-44.55	-68.59	0.00654	-45.96	-67.18	0.00671
-47.38	-65.76	0.00690	-48.79	-64.35	0.00713
-50.20	-62.93	0.00742	-62.93	-50.20	0.00931
-64.35	-48.79	0.00905	-65.76	-47.38	0.00883
-67.18	-45.96	0.00862	-68.59	-44.55	0.00842
-70.71	-42.43	0.00813	-74.25	-38.89	0.00765
-77.78	-35.36	0.00719	-84.85	-28.28	0.00631
-91.92	-21.21	0.00553	-98.99	-14.14	0.00485
-106.07	-7.07	0.00427	-113.14	0.00	0.00378
-120.21	7.07	0.00336	-127.28	14.14	0.00300
7.07	-134.35	0.00264	0.00	-127.28	0.00291
-7.07	-120.21	0.00323	-14.14	-113.14	0.00360
-21.21	-106.07	0.00402	-28.28	-98.99	0.00450
-35.36	-91.92	0.00504	-42.43	-84.85	0.00561
-45.96	-81.32	0.00592	-49.50	-77.78	0.00625
-51.62	-75.66	0.00647	-53.03	-74.25	0.00664
-54.45	-72.83	0.00683	-55.86	-71.42	0.00706
-57.28	-70.00	0.00734	-70.00	-57.28	0.00924
-71.42	-55.86	0.00897	-72.83	-54.45	0.00875
-74.25	-53.03	0.00854	-75.66	-51.62	0.00834

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: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

20NCRA_SR05-300_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	0.00805	-81.32	-45.96	0.00758
-84.85	-42.43	0.00711	-91.92	-35.36	0.00623
-98.99	-28.28	0.00545	-106.07	-21.21	0.00477
-113.14	-14.14	0.00419	-120.21	-7.07	0.00370
-127.28	0.00	0.00328	-134.35	7.07	0.00292
0.00	-141.42	0.00259	-7.07	-134.35	0.00286
-14.14	-127.28	0.00317	-21.21	-120.21	0.00354
-28.28	-113.14	0.00396	-35.36	-106.07	0.00443
-42.43	-98.99	0.00496	-49.50	-91.92	0.00553
-53.03	-88.39	0.00584	-56.57	-84.85	0.00617
-58.69	-82.73	0.00639	-60.10	-81.32	0.00656
-61.52	-79.90	0.00675	-62.93	-78.49	0.00697
-64.35	-77.07	0.00726	-77.07	-64.35	0.00915
-78.49	-62.93	0.00888	-79.90	-61.52	0.00866
-81.32	-60.10	0.00845	-82.73	-58.69	0.00825
-84.85	-56.57	0.00796	-88.39	-53.03	0.00748
-91.92	-49.50	0.00702	-98.99	-42.43	0.00614
-106.07	-35.36	0.00536	-113.14	-28.28	0.00468
-120.21	-21.21	0.00411	-127.28	-14.14	0.00361
-134.35	-7.07	0.00319	-141.42	0.00	0.00283
-7.07	-148.49	0.00255	-14.14	-141.42	0.00281
-21.21	-134.35	0.00311	-28.28	-127.28	0.00347
-35.36	-120.21	0.00388	-42.43	-113.14	0.00435
-49.50	-106.07	0.00487	-56.57	-98.99	0.00544
-60.10	-95.46	0.00575	-63.64	-91.92	0.00608
-65.76	-89.80	0.00630	-67.18	-88.39	0.00647
-68.59	-86.97	0.00666	-70.00	-85.56	0.00688
-71.42	-84.15	0.00716	-84.15	-71.42	0.00904
-85.56	-70.00	0.00878	-86.97	-68.59	0.00855
-88.39	-67.18	0.00835	-89.80	-65.76	0.00815
-91.92	-63.64	0.00786	-95.46	-60.10	0.00738
-98.99	-56.57	0.00692	-106.07	-49.50	0.00604
-113.14	-42.43	0.00526	-120.21	-35.36	0.00458
-127.28	-28.28	0.00400	-134.35	-21.21	0.00351
-141.42	-14.14	0.00308	-148.49	-7.07	0.00272
-14.14	-155.56	0.00249	-21.21	-148.49	0.00275
-28.28	-141.42	0.00305	-35.36	-134.35	0.00339
-42.43	-127.28	0.00380	-49.50	-120.21	0.00426
-56.57	-113.14	0.00477	-63.64	-106.07	0.00533
-67.18	-102.53	0.00564	-70.71	-98.99	0.00597

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: 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	0.00619	-74.25	-95.46	0.00636
-75.66	-94.05	0.00655	-77.07	-92.63	0.00677
-78.49	-91.22	0.00705	-91.22	-78.49	0.00893
-92.63	-77.07	0.00866	-94.05	-75.66	0.00843
-95.46	-74.25	0.00823	-96.87	-72.83	0.00803
-98.99	-70.71	0.00773	-102.53	-67.18	0.00726
-106.07	-63.64	0.00679	-113.14	-56.57	0.00591
-120.21	-49.50	0.00513	-127.28	-42.43	0.00446
-134.35	-35.36	0.00388	-141.42	-28.28	0.00338
-148.49	-21.21	0.00296	-155.56	-14.14	0.00260
-21.21	-162.63	0.00244	-28.28	-155.56	0.00269
-35.36	-148.49	0.00298	-42.43	-141.42	0.00331
-49.50	-134.35	0.00370	-56.57	-127.28	0.00415
-63.64	-120.21	0.00466	-70.71	-113.14	0.00521
-74.25	-109.60	0.00551	-77.78	-106.07	0.00584
-79.90	-103.94	0.00606	-81.32	-102.53	0.00623
-82.73	-101.12	0.00642	-84.15	-99.70	0.00665
-85.56	-98.29	0.00694	-98.29	-85.56	0.00879
-99.70	-84.15	0.00852	-101.12	-82.73	0.00829
-102.53	-81.32	0.00808	-103.94	-79.90	0.00788
-106.07	-77.78	0.00759	-109.60	-74.25	0.00711
-113.14	-70.71	0.00664	-120.21	-63.64	0.00577
-127.28	-56.57	0.00499	-134.35	-49.50	0.00431
-141.42	-42.43	0.00373	-148.49	-35.36	0.00324
-155.56	-28.28	0.00282	-162.63	-21.21	0.00247
-28.28	-169.71	0.00237	-35.36	-162.63	0.00262
-42.43	-155.56	0.00290	-49.50	-148.49	0.00322
-56.57	-141.42	0.00360	-63.64	-134.35	0.00404
-70.71	-127.28	0.00453	-77.78	-120.21	0.00507
-81.32	-116.67	0.00536	-84.85	-113.14	0.00569
-86.97	-111.02	0.00591	-88.39	-109.60	0.00607
-89.80	-108.19	0.00626	-91.22	-106.77	0.00649
-92.63	-105.36	0.00679	-105.36	-92.63	0.00862
-106.77	-91.22	0.00835	-108.19	-89.80	0.00811
-109.60	-88.39	0.00790	-111.02	-86.97	0.00770
-113.14	-84.85	0.00741	-116.67	-81.32	0.00694

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00647	-127.28	-70.71	0.00560
-134.35	-63.64	0.00482	-141.42	-56.57	0.00414
-148.49	-49.50	0.00356	-155.56	-42.43	0.00307
-162.63	-35.36	0.00266	-169.71	-28.28	0.00232

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: 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	0.00230	-42.43	-169.71	0.00254
-49.50	-162.63	0.00281	-56.57	-155.56	0.00313
-63.64	-148.49	0.00349	-70.71	-141.42	0.00390
-77.78	-134.35	0.00438	-84.85	-127.28	0.00490
-88.39	-123.74	0.00519	-91.92	-120.21	0.00551
-94.05	-118.09	0.00573	-95.46	-116.67	0.00589
-96.87	-115.26	0.00607	-98.29	-113.84	0.00630
-99.70	-112.43	0.00659	-112.43	-99.70	0.00840
-113.84	-98.29	0.00813	-115.26	-96.87	0.00790
-116.67	-95.46	0.00769	-118.09	-94.05	0.00749
-120.21	-91.92	0.00720	-123.74	-88.39	0.00672
-127.28	-84.85	0.00625	-134.35	-77.78	0.00538
-141.42	-70.71	0.00460	-148.49	-63.64	0.00392
-155.56	-56.57	0.00334	-162.63	-49.50	0.00287
-169.71	-42.43	0.00247	-176.78	-35.36	0.00215
-42.43	-183.85	0.00221	-49.50	-176.78	0.00244
-56.57	-169.71	0.00271	-63.64	-162.63	0.00302
-70.71	-155.56	0.00336	-77.78	-148.49	0.00376
-84.85	-141.42	0.00420	-91.92	-134.35	0.00470
-95.46	-130.81	0.00498	-98.99	-127.28	0.00529
-101.12	-125.16	0.00550	-102.53	-123.74	0.00566
-103.94	-122.33	0.00585	-105.36	-120.92	0.00606
-106.77	-119.50	0.00635	-119.50	-106.77	0.00814
-120.92	-105.36	0.00787	-122.33	-103.94	0.00764
-123.74	-102.53	0.00743	-125.16	-101.12	0.00723
-127.28	-98.99	0.00693	-130.81	-95.46	0.00646
-134.35	-91.92	0.00600	-141.42	-84.85	0.00512
-148.49	-77.78	0.00433	-155.56	-70.71	0.00366
-162.63	-63.64	0.00309	-169.71	-56.57	0.00264
-176.78	-49.50	0.00226	-183.85	-42.43	0.00196

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00211	-56.57	-183.85	0.00233
-63.64	-176.78	0.00259	-70.71	-169.71	0.00289
-77.78	-162.63	0.00323	-84.85	-155.56	0.00360
-91.92	-148.49	0.00401	-98.99	-141.42	0.00447
-102.53	-137.89	0.00473	-106.07	-134.35	0.00503
-108.19	-132.23	0.00523	-109.60	-130.81	0.00539
-111.02	-129.40	0.00557	-112.43	-127.99	0.00578
-113.84	-126.57	0.00606	-126.57	-113.84	0.00782
-127.99	-112.43	0.00754	-129.40	-111.02	0.00731
-130.81	-109.60	0.00710	-132.23	-108.19	0.00690

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: 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	0.00660	-137.89	-102.53	0.00613
-141.42	-98.99	0.00566	-148.49	-91.92	0.00478
-155.56	-84.85	0.00399	-162.63	-77.78	0.00333
-169.71	-70.71	0.00280	-176.78	-63.64	0.00237
-183.85	-56.57	0.00203	-190.92	-49.50	0.00176
-56.57	-197.99	0.00200	-63.64	-190.92	0.00221
-70.71	-183.85	0.00245	-77.78	-176.78	0.00274
-84.85	-169.71	0.00306	-91.92	-162.63	0.00341
-98.99	-155.56	0.00379	-106.07	-148.49	0.00420
-109.60	-144.96	0.00444	-113.14	-141.42	0.00471
-115.26	-139.30	0.00490	-116.67	-137.89	0.00505
-118.09	-136.47	0.00522	-119.50	-135.06	0.00542
-120.92	-133.64	0.00569	-133.64	-120.92	0.00740
-135.06	-119.50	0.00712	-136.47	-118.09	0.00689
-137.89	-116.67	0.00667	-139.30	-115.26	0.00647
-141.42	-113.14	0.00618	-144.96	-109.60	0.00570
-148.49	-106.07	0.00523	-155.56	-98.99	0.00433
-162.63	-91.92	0.00356	-169.71	-84.85	0.00295
-176.78	-77.78	0.00246	-183.85	-70.71	0.00208
-190.92	-63.64	0.00178	-197.99	-56.57	0.00154
-63.64	-205.06	0.00188	-70.71	-197.99	0.00208
-77.78	-190.92	0.00230	-84.85	-183.85	0.00256
-91.92	-176.78	0.00286	-98.99	-169.71	0.00319
-106.07	-162.63	0.00355	-113.14	-155.56	0.00391

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00410	-120.21	-148.49	0.00433
-122.33	-146.37	0.00450	-123.74	-144.96	0.00463
-125.16	-143.54	0.00479	-126.57	-142.13	0.00498
-127.99	-140.71	0.00523	-140.71	-127.99	0.00684
-142.13	-126.57	0.00656	-143.54	-125.16	0.00632
-144.96	-123.74	0.00610	-146.37	-122.33	0.00590
-148.49	-120.21	0.00560	-152.03	-116.67	0.00510
-155.56	-113.14	0.00462	-162.63	-106.07	0.00374
-169.71	-98.99	0.00304	-176.78	-91.92	0.00250
-183.85	-84.85	0.00209	-190.92	-77.78	0.00177
-197.99	-70.71	0.00152	-205.06	-63.64	0.00133
-70.71	-212.13	0.00175	-77.78	-205.06	0.00192
-84.85	-197.99	0.00213	-91.92	-190.92	0.00236
-98.99	-183.85	0.00263	-106.07	-176.78	0.00292
-113.14	-169.71	0.00324	-120.21	-162.63	0.00357
-123.74	-159.10	0.00372	-127.28	-155.56	0.00389

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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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
-129.40	-153.44	0.00402	-130.81	-152.03	0.00412
-132.23	-150.61	0.00425	-133.64	-149.20	0.00442
-135.06	-147.79	0.00465	-147.79	-135.06	0.00605
-149.20	-133.64	0.00577	-150.61	-132.23	0.00552
-152.03	-130.81	0.00529	-153.44	-129.40	0.00508
-155.56	-127.28	0.00475	-159.10	-123.74	0.00424
-162.63	-120.21	0.00377	-169.71	-113.14	0.00301
-176.78	-106.07	0.00244	-183.85	-98.99	0.00202
-190.92	-91.92	0.00170	-197.99	-84.85	0.00146
-205.06	-77.78	0.00127	-212.13	-70.71	0.00112
-77.78	-219.20	0.00160	-84.85	-212.13	0.00175
-91.92	-205.06	0.00193	-98.99	-197.99	0.00213
-106.07	-190.92	0.00235	-113.14	-183.85	0.00261
-120.21	-176.78	0.00287	-127.28	-169.71	0.00314
-130.81	-166.17	0.00327	-134.35	-162.63	0.00340
-136.47	-160.51	0.00348	-137.89	-159.10	0.00355
-139.30	-157.68	0.00363	-140.71	-156.27	0.00374
-142.13	-154.86	0.00391	-154.86	-142.13	0.00486

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-156.27	-140.71	0.00454	-157.68	-139.30	0.00427
-159.10	-137.89	0.00402	-160.51	-136.47	0.00379
-162.63	-134.35	0.00349	-166.17	-130.81	0.00306
-169.71	-127.28	0.00271	-176.78	-120.21	0.00219
-183.85	-113.14	0.00183	-190.92	-106.07	0.00156
-197.99	-98.99	0.00135	-205.06	-91.92	0.00118
-212.13	-84.85	0.00104	-219.20	-77.78	0.00093
-84.85	-226.27	0.00145	-91.92	-219.20	0.00157
-98.99	-212.13	0.00171	-106.07	-205.06	0.00187
-113.14	-197.99	0.00204	-120.21	-190.92	0.00223
-127.28	-183.85	0.00242	-134.35	-176.78	0.00260
-137.89	-173.24	0.00268	-141.42	-169.71	0.00275
-143.54	-167.58	0.00280	-144.96	-166.17	0.00283
-146.37	-164.76	0.00287	-147.79	-163.34	0.00293
-149.20	-161.93	0.00302	-161.93	-149.20	0.00276
-163.34	-147.79	0.00250	-164.76	-146.37	0.00232
-166.17	-144.96	0.00220	-167.58	-143.54	0.00210
-169.71	-141.42	0.00198	-173.24	-137.89	0.00182
-176.78	-134.35	0.00169	-183.85	-127.28	0.00148
-190.92	-120.21	0.00130	-197.99	-113.14	0.00116
-205.06	-106.07	0.00103	-212.13	-98.99	0.00093
-219.20	-91.92	0.00084	-226.27	-84.85	0.00077

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	-233.35	0.00129	-98.99	-226.27	0.00139
-106.07	-219.20	0.00149	-113.14	-212.13	0.00160
-120.21	-205.06	0.00172	-127.28	-197.99	0.00183
-134.35	-190.92	0.00192	-141.42	-183.85	0.00197
-144.96	-180.31	0.00196	-148.49	-176.78	0.00193
-150.61	-174.66	0.00189	-152.03	-173.24	0.00186
-153.44	-171.83	0.00182	-154.86	-170.41	0.00178
-156.27	-169.00	0.00172	-169.00	-156.27	0.00123
-170.41	-154.86	0.00121	-171.83	-153.44	0.00119
-173.24	-152.03	0.00117	-174.66	-150.61	0.00116
-176.78	-148.49	0.00114	-180.31	-144.96	0.00111
-183.85	-141.42	0.00107	-190.92	-134.35	0.00101

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00094	-205.06	-120.21	0.00087
-212.13	-113.14	0.00080	-219.20	-106.07	0.00074
-226.27	-98.99	0.00068	-233.35	-91.92	0.00063
-98.99	-240.42	0.00114	-106.07	-233.35	0.00121
-113.14	-226.27	0.00128	-120.21	-219.20	0.00135
-127.28	-212.13	0.00141	-134.35	-205.06	0.00147
-141.42	-197.99	0.00149	-148.49	-190.92	0.00147
-152.03	-187.38	0.00144	-155.56	-183.85	0.00139
-157.68	-181.73	0.00135	-159.10	-180.31	0.00132
-160.51	-178.90	0.00130	-161.93	-177.48	0.00127
-163.34	-176.07	0.00125	-176.07	-163.34	0.00099
-177.48	-161.93	0.00097	-178.90	-160.51	0.00096
-180.31	-159.10	0.00094	-181.73	-157.68	0.00093
-183.85	-155.56	0.00091	-187.38	-152.03	0.00088
-190.92	-148.49	0.00085	-197.99	-141.42	0.00079
-205.06	-134.35	0.00074	-212.13	-127.28	0.00069
-219.20	-120.21	0.00065	-226.27	-113.14	0.00061
-233.35	-106.07	0.00057	-240.42	-98.99	0.00053
-106.07	-247.49	0.00100	-113.14	-240.42	0.00104
-120.21	-233.35	0.00109	-127.28	-226.27	0.00113
-134.35	-219.20	0.00117	-141.42	-212.13	0.00119
-148.49	-205.06	0.00118	-155.56	-197.99	0.00115
-159.10	-194.45	0.00112	-162.63	-190.92	0.00109
-164.76	-188.80	0.00108	-166.17	-187.38	0.00107
-167.58	-185.97	0.00105	-169.00	-184.55	0.00103
-170.41	-183.14	0.00101	-183.14	-170.41	0.00083
-184.55	-169.00	0.00082	-185.97	-167.58	0.00081
-187.38	-166.17	0.00079	-188.80	-164.76	0.00078

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
-190.92	-162.63	0.00077	-194.45	-159.10	0.00075
-197.99	-155.56	0.00072	-205.06	-148.49	0.00068
-212.13	-141.42	0.00063	-219.20	-134.35	0.00059
-226.27	-127.28	0.00055	-233.35	-120.21	0.00052
-240.42	-113.14	0.00049	-247.49	-106.07	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 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	0.00744 AT (-112.43, -99.70, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-105.36, -92.63, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00733 AT (-119.50, -106.77, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00719 AT (-113.84, -98.29, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00716 AT (-106.77, -91.22, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00713 AT (-126.57, -113.84, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00708 AT (-120.92, -105.36, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00697 AT (-115.26, -96.87, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00695 AT (-108.19, -89.80, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00686 AT (-127.99, -112.43, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00744 AT (-48.79, -36.06, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-41.72, -28.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00733 AT (-55.86, -43.13, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00719 AT (-50.20, -34.65, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00716 AT (-43.13, -27.58, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00713 AT (-62.93, -50.20, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00708 AT (-57.28, -41.72, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00697 AT (-51.62, -33.23, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00695 AT (-44.55, -26.16, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00686 AT (-64.35, -48.79, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00744 AT (14.85, 27.58, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (21.92, 34.65, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00733 AT (7.78, 20.51, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00719 AT (13.44, 28.99, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00716 AT (20.51, 36.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00713 AT (0.71, 13.44, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00708 AT (6.36, 21.92, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00697 AT (12.02, 30.41, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00695 AT (19.09, 37.48, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00686 AT (-0.71, 14.85, 0.00, 1.20)	DC	NA

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

*** NCRA Cumulative DPM Impacts

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

20:46:52

**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	0.00744 AT (78.49, 91.22, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (85.56, 98.29, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00733 AT (71.42, 84.15, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00719 AT (77.07, 92.63, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00716 AT (84.15, 99.70, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00713 AT (64.35, 77.07, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00708 AT (70.00, 85.56, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00697 AT (75.66, 94.05, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00695 AT (82.73, 101.12, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00686 AT (62.93, 78.49, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00744 AT (142.13, 154.86, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (149.20, 161.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00733 AT (135.06, 147.79, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00719 AT (140.71, 156.27, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00716 AT (147.79, 163.34, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00713 AT (127.99, 140.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00708 AT (133.64, 149.20, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00697 AT (139.30, 157.68, 0.00, 1.20)	DC	NA

20NCRA_SR05-300_DPM_TRAV_ANN_NE-SW Bound									
	9TH HIGHEST VALUE IS	0.00695	AT (	146.37,	164.76,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00686	AT (	126.57,	142.13,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00977	AT (	57.28,	70.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00977	AT (	50.20,	62.93,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00977	AT (	43.13,	55.86,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00977	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00977	AT (	36.06,	48.79,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00977	AT (	28.99,	41.72,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00976	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00975	AT (	21.92,	34.65,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00975	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00974	AT (	85.56,	98.29,	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 ***

20:46:52

**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 15 Informational Message(s)
 A Total of 15 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
