

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 20:17:05

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\16NCRA_SR01-300_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
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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
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RE DISCCART	-133.64	-120.92	1.2
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RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-144.96	-109.6	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-190.92	-63.64	1.2

RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-70.71	-212.13	1.2
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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
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RE DISCCART	-127.28	-155.56	1.2
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RE DISCCART	-132.23	-150.61	1.2

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

RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-98.99	-212.13	1.2
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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
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RE DISCCART	-143.54	-167.58	1.2
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RE DISCCART	-161.93	-149.2	1.2
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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
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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
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RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-157.68	-181.73	1.2
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RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-177.48	-161.93	1.2
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RE DISCCART	-180.31	-159.1	1.2
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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
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 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
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 RE DISCCART -167.58 -185.97 1.2
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 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

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OU STARTING

OU FINISHED

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** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\16NCRA_SR01-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Santa Rosa\16NCRA_SR01-300_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 ***

20:17:05

**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\16NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\16NCRA-1.LST

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

20:17:05

**MODELOPTs:

PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA_S1 through NCRA_S5.

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

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**MODELOPTs:

PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

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

20:17:05

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

- List of discrete Cartesian receptors with coordinates: (247.5, 106.1, 0.0, 1.2); (240.4, 113.1, 0.0, 1.2); (233.4, 120.2, 0.0, 1.2); (226.3, 127.3, 0.0, 1.2); (219.2, 134.4, 0.0, 1.2); (212.1, 141.4, 0.0, 1.2);

16NCRA_SR01-300_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);

**MODELOPTs:
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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);

16NCRA_SR01-300_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 ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_SR01-300_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 ***

20:17:05
 **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);

16NCRA_SR01-300_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 ***
 20:17:05
 **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);

16NCRA_SR01-300_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 ***

20:17:05

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_SR01-300_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)

16NCRA_SR01-300_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);

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:17:05

**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);

16NCRA_SR01-300_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 ***

20:17:05
 **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);

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_SR01-300_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);
```

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

20:17:05

**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);

16NCRA_SR01-300_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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CONC

URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_SR01-300_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);

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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 **MODELOPTs:
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 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);

16NCRA_SR01-300_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);

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA_SR01-300_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)
01	01	01	01	96.1	1.56	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	273.4	1.07	274.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	316.5	1.00	274.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	33.0	1.00	273.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	246.8	1.07	273.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	157.1	1.43	274.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	348.8	2.10	273.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	149.8	1.30	273.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	164.0	1.07	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	143.3	1.00	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	22.7	1.25	280.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	207.6	1.21	283.5	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	66.3	1.21	285.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	39.5	1.00	287.6	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	346.3	1.16	288.7	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	350.3	3.22	288.5	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	355.1	1.79	286.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	334.7	1.07	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	264.9	1.00	282.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	37.0	1.00	279.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	243.8	1.00	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	155.3	1.12	277.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	136.5	1.25	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	128.1	1.00	274.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00008	240.42	113.14	0.00009
233.35	120.21	0.00009	226.27	127.28	0.00009
219.20	134.35	0.00009	212.13	141.42	0.00009
205.06	148.49	0.00009	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	0.00009
141.42	212.13	0.00009	134.35	219.20	0.00009
127.28	226.27	0.00009	120.21	233.35	0.00009
113.14	240.42	0.00009	106.07	247.49	0.00009
240.42	98.99	0.00009	233.35	106.07	0.00009
226.27	113.14	0.00009	219.20	120.21	0.00009

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

212.13	127.28	0.00010	205.06	134.35	0.00010
197.99	141.42	0.00010	190.92	148.49	0.00010
187.38	152.03	0.00010	183.85	155.56	0.00010
181.73	157.68	0.00010	180.31	159.10	0.00010
178.90	160.51	0.00010	177.48	161.93	0.00010
176.07	163.34	0.00010	163.34	176.07	0.00010
161.93	177.48	0.00010	160.51	178.90	0.00010
159.10	180.31	0.00010	157.68	181.73	0.00010
155.56	183.85	0.00010	152.03	187.38	0.00010
148.49	190.92	0.00010	141.42	197.99	0.00010
134.35	205.06	0.00010	127.28	212.13	0.00010
120.21	219.20	0.00010	113.14	226.27	0.00010
106.07	233.35	0.00010	98.99	240.42	0.00010
233.35	91.92	0.00009	226.27	98.99	0.00009
219.20	106.07	0.00010	212.13	113.14	0.00010
205.06	120.21	0.00010	197.99	127.28	0.00010
190.92	134.35	0.00010	183.85	141.42	0.00010
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 ***

20:17:05
 **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	0.00010	120.21	205.06	0.00010
113.14	212.13	0.00010	106.07	219.20	0.00010
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	0.00011
183.85	127.28	0.00011	176.78	134.35	0.00011
173.24	137.89	0.00011	169.71	141.42	0.00011
167.58	143.54	0.00011	166.17	144.96	0.00011

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_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	0.00012
113.14	155.56	0.00012	106.07	162.63	0.00012
98.99	169.71	0.00012	91.92	176.78	0.00012
84.85	183.85	0.00012	77.78	190.92	0.00012
70.71	197.99	0.00013	63.64	205.06	0.00013
197.99	56.57	0.00011	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	0.00013
155.56	98.99	0.00013	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 ***
 20:17:05
 **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 **

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	49.50	0.00012	183.85	56.57	0.00012	
176.78	63.64	0.00012	169.71	70.71	0.00013	
162.63	77.78	0.00013	155.56	84.85	0.00013	
148.49	91.92	0.00014	141.42	98.99	0.00014	
137.89	102.53	0.00014	134.35	106.07	0.00014	
132.23	108.19	0.00014	130.81	109.60	0.00014	
129.40	111.02	0.00014	127.99	112.43	0.00014	
126.57	113.84	0.00014	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	0.00012	176.78	49.50	0.00013	
169.71	56.57	0.00013	162.63	63.64	0.00013	
155.56	70.71	0.00014	148.49	77.78	0.00014	
141.42	84.85	0.00014	134.35	91.92	0.00014	
130.81	95.46	0.00014	127.28	98.99	0.00015	
125.16	101.12	0.00015	123.74	102.53	0.00015	
122.33	103.94	0.00015	120.92	105.36	0.00015	
119.50	106.77	0.00015	106.77	119.50	0.00014	
105.36	120.92	0.00014	103.94	122.33	0.00014	
102.53	123.74	0.00014	101.12	125.16	0.00014	
98.99	127.28	0.00014	95.46	130.81	0.00014	
91.92	134.35	0.00014	84.85	141.42	0.00014	
77.78	148.49	0.00015	70.71	155.56	0.00015	
63.64	162.63	0.00015	56.57	169.71	0.00015	
49.50	176.78	0.00015	42.43	183.85	0.00015	
176.78	35.36	0.00013	169.71	42.43	0.00013	
162.63	49.50	0.00014	155.56	56.57	0.00014	
148.49	63.64	0.00015	141.42	70.71	0.00015	
134.35	77.78	0.00015	127.28	84.85	0.00015	
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

20:17:05

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00015	88.39	123.74	0.00015
84.85	127.28	0.00015	77.78	134.35	0.00015
70.71	141.42	0.00015	63.64	148.49	0.00015
56.57	155.56	0.00015	49.50	162.63	0.00016
42.43	169.71	0.00016	35.36	176.78	0.00016
169.71	28.28	0.00014	162.63	35.36	0.00014
155.56	42.43	0.00014	148.49	49.50	0.00015
141.42	56.57	0.00015	134.35	63.64	0.00016
127.28	70.71	0.00016	120.21	77.78	0.00016
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	0.00016
77.78	120.21	0.00016	70.71	127.28	0.00016
63.64	134.35	0.00016	56.57	141.42	0.00016
49.50	148.49	0.00016	42.43	155.56	0.00016
35.36	162.63	0.00016	28.28	169.71	0.00016
162.63	21.21	0.00014	155.56	28.28	0.00015
148.49	35.36	0.00015	141.42	42.43	0.00016
134.35	49.50	0.00016	127.28	56.57	0.00017
120.21	63.64	0.00017	113.14	70.71	0.00017
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	0.00017	74.25	109.60	0.00017
70.71	113.14	0.00017	63.64	120.21	0.00017
56.57	127.28	0.00017	49.50	134.35	0.00017
42.43	141.42	0.00017	35.36	148.49	0.00017
28.28	155.56	0.00017	21.21	162.63	0.00018
155.56	14.14	0.00015	148.49	21.21	0.00015
141.42	28.28	0.00016	134.35	35.36	0.00017

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **MODELOPTs:
 PAGE 28
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

79.90	61.52	0.00021	78.49	62.93	0.00021
77.07	64.35	0.00021	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	0.00021	42.43	98.99	0.00021
35.36	106.07	0.00021	28.28	113.14	0.00021
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 ***

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00018	127.28	0.00	0.00018
120.21	7.07	0.00019	113.14	14.14	0.00020
106.07	21.21	0.00020	98.99	28.28	0.00021
91.92	35.36	0.00022	84.85	42.43	0.00022
81.32	45.96	0.00022	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	0.00022	54.45	72.83	0.00022
53.03	74.25	0.00022	51.62	75.66	0.00022
49.50	77.78	0.00022	45.96	81.32	0.00022
42.43	84.85	0.00022	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	0.00019	120.21	-7.07	0.00019
113.14	0.00	0.00020	106.07	7.07	0.00021
98.99	14.14	0.00022	91.92	21.21	0.00022
84.85	28.28	0.00023	77.78	35.36	0.00024
74.25	38.89	0.00024	70.71	42.43	0.00024
68.59	44.55	0.00024	67.18	45.96	0.00024
65.76	47.38	0.00024	64.35	48.79	0.00024
62.93	50.20	0.00024	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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

20:17:05

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00026	31.82	67.18	0.00026
28.28	70.71	0.00026	21.21	77.78	0.00026
14.14	84.85	0.00026	7.07	91.92	0.00026
0.00	98.99	0.00026	-7.07	106.07	0.00026
-14.14	113.14	0.00026	-21.21	120.21	0.00027
113.14	-28.28	0.00021	106.07	-21.21	0.00022
98.99	-14.14	0.00023	91.92	-7.07	0.00024
84.85	0.00	0.00025	77.78	7.07	0.00026
70.71	14.14	0.00027	63.64	21.21	0.00027
60.10	24.75	0.00028	56.57	28.28	0.00028
54.45	30.41	0.00028	53.03	31.82	0.00028
51.62	33.23	0.00028	50.20	34.65	0.00028
48.79	36.06	0.00028	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	0.00028
28.28	56.57	0.00028	24.75	60.10	0.00028
21.21	63.64	0.00028	14.14	70.71	0.00028
7.07	77.78	0.00028	0.00	84.85	0.00028
-7.07	91.92	0.00028	-14.14	98.99	0.00029

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00033	38.89	17.68	0.00033
37.48	19.09	0.00033	36.06	20.51	0.00033
34.65	21.92	0.00033	21.92	34.65	0.00033
20.51	36.06	0.00033	19.09	37.48	0.00033
17.68	38.89	0.00033	16.26	40.31	0.00033
14.14	42.43	0.00033	10.61	45.96	0.00033
7.07	49.50	0.00033	0.00	56.57	0.00033
-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	0.00034	-42.43	98.99	0.00034
91.92	-49.50	0.00025	84.85	-42.43	0.00027
77.78	-35.36	0.00028	70.71	-28.28	0.00029
63.64	-21.21	0.00031	56.57	-14.14	0.00032

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

49.50	-7.07	0.00034	42.43	0.00	0.00035
38.89	3.54	0.00035	35.36	7.07	0.00036
33.23	9.19	0.00036	31.82	10.61	0.00036
30.41	12.02	0.00036	28.99	13.44	0.00036
27.58	14.85	0.00036	14.85	27.58	0.00036
13.44	28.99	0.00036	12.02	30.41	0.00036
10.61	31.82	0.00036	9.19	33.23	0.00036
7.07	35.36	0.00036	3.54	38.89	0.00036
0.00	42.43	0.00036	-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	0.00038
84.85	-56.57	0.00027	77.78	-49.50	0.00029
70.71	-42.43	0.00030	63.64	-35.36	0.00031
56.57	-28.28	0.00033	49.50	-21.21	0.00035
42.43	-14.14	0.00037	35.36	-7.07	0.00038
31.82	-3.54	0.00039	28.28	0.00	0.00039
26.16	2.12	0.00039	24.75	3.54	0.00040
23.33	4.95	0.00040	21.92	6.36	0.00040
20.51	7.78	0.00040	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	0.00040
0.00	28.28	0.00040	-3.54	31.82	0.00040
-7.07	35.36	0.00040	-14.14	42.43	0.00040
-21.21	49.50	0.00040	-28.28	56.57	0.00040
-35.36	63.64	0.00041	-42.43	70.71	0.00041
-49.50	77.78	0.00041	-56.57	84.85	0.00041

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

20:17:05
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00029	70.71	-56.57	0.00031
63.64	-49.50	0.00032	56.57	-42.43	0.00034
49.50	-35.36	0.00036	42.43	-28.28	0.00038
35.36	-21.21	0.00040	28.28	-14.14	0.00042
24.75	-10.61	0.00043	21.21	-7.07	0.00043
19.09	-4.95	0.00043	17.68	-3.54	0.00044
16.26	-2.12	0.00044	14.85	-0.71	0.00044

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

13.44	0.71	0.00044	0.71	13.44	0.00044
-0.71	14.85	0.00044	-2.12	16.26	0.00044
-3.54	17.68	0.00044	-4.95	19.09	0.00044
-7.07	21.21	0.00044	-10.61	24.75	0.00044
-14.14	28.28	0.00044	-21.21	35.36	0.00044
-28.28	42.43	0.00045	-35.36	49.50	0.00045
-42.43	56.57	0.00045	-49.50	63.64	0.00045
-56.57	70.71	0.00046	-63.64	77.78	0.00046
70.71	-70.71	0.00031	63.64	-63.64	0.00033
56.57	-56.57	0.00035	49.50	-49.50	0.00037
42.43	-42.43	0.00039	35.36	-35.36	0.00041
28.28	-28.28	0.00044	21.21	-21.21	0.00046
17.68	-17.68	0.00047	14.14	-14.14	0.00048
12.02	-12.02	0.00048	10.61	-10.61	0.00048
9.19	-9.19	0.00048	7.78	-7.78	0.00048
6.36	-6.36	0.00049	-6.36	6.36	0.00049
-7.78	7.78	0.00049	-9.19	9.19	0.00049
-10.61	10.61	0.00049	-12.02	12.02	0.00049
-14.14	14.14	0.00049	-17.68	17.68	0.00049
-21.21	21.21	0.00049	-28.28	28.28	0.00049
-35.36	35.36	0.00049	-42.43	42.43	0.00050
-49.50	49.50	0.00050	-56.57	56.57	0.00050
-63.64	63.64	0.00051	-70.71	70.71	0.00051
63.64	-77.78	0.00034	56.57	-70.71	0.00036
49.50	-63.64	0.00038	42.43	-56.57	0.00040
35.36	-49.50	0.00042	28.28	-42.43	0.00045
21.21	-35.36	0.00048	14.14	-28.28	0.00051
10.61	-24.75	0.00052	7.07	-21.21	0.00053
4.95	-19.09	0.00053	3.54	-17.68	0.00054
2.12	-16.26	0.00054	0.71	-14.85	0.00054
-0.71	-13.44	0.00054	-13.44	-0.71	0.00054
-14.85	0.71	0.00054	-16.26	2.12	0.00054
-17.68	3.54	0.00054	-19.09	4.95	0.00054

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

20:17:05
 **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	0.00055	-24.75	10.61	0.00055

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	14.14	0.00055	-35.36	21.21	0.00055
-42.43	28.28	0.00055	-49.50	35.36	0.00056
-56.57	42.43	0.00056	-63.64	49.50	0.00056
-70.71	56.57	0.00057	-77.78	63.64	0.00057
56.57	-84.85	0.00036	49.50	-77.78	0.00039
42.43	-70.71	0.00041	35.36	-63.64	0.00044
28.28	-56.57	0.00046	21.21	-49.50	0.00049
14.14	-42.43	0.00053	7.07	-35.36	0.00056
3.54	-31.82	0.00058	0.00	-28.28	0.00059
-2.12	-26.16	0.00060	-3.54	-24.75	0.00060
-4.95	-23.33	0.00060	-6.36	-21.92	0.00061
-7.78	-20.51	0.00061	-20.51	-7.78	0.00061
-21.92	-6.36	0.00061	-23.33	-4.95	0.00061
-24.75	-3.54	0.00061	-26.16	-2.12	0.00061
-28.28	0.00	0.00061	-31.82	3.54	0.00062
-35.36	7.07	0.00062	-42.43	14.14	0.00062
-49.50	21.21	0.00062	-56.57	28.28	0.00063
-63.64	35.36	0.00063	-70.71	42.43	0.00064
-77.78	49.50	0.00064	-84.85	56.57	0.00064
49.50	-91.92	0.00039	42.43	-84.85	0.00042
35.36	-77.78	0.00045	28.28	-70.71	0.00048
21.21	-63.64	0.00051	14.14	-56.57	0.00055
7.07	-49.50	0.00058	0.00	-42.43	0.00063
-3.54	-38.89	0.00065	-7.07	-35.36	0.00066
-9.19	-33.23	0.00067	-10.61	-31.82	0.00068
-12.02	-30.41	0.00068	-13.44	-28.99	0.00068
-14.85	-27.58	0.00069	-27.58	-14.85	0.00069
-28.99	-13.44	0.00069	-30.41	-12.02	0.00069
-31.82	-10.61	0.00069	-33.23	-9.19	0.00069
-35.36	-7.07	0.00069	-38.89	-3.54	0.00070
-42.43	0.00	0.00070	-49.50	7.07	0.00070
-56.57	14.14	0.00071	-63.64	21.21	0.00071
-70.71	28.28	0.00072	-77.78	35.36	0.00073
-84.85	42.43	0.00073	-91.92	49.50	0.00072
42.43	-98.99	0.00042	35.36	-91.92	0.00045
28.28	-84.85	0.00049	21.21	-77.78	0.00052
14.14	-70.71	0.00056	7.07	-63.64	0.00060
0.00	-56.57	0.00065	-7.07	-49.50	0.00070
-10.61	-45.96	0.00073	-14.14	-42.43	0.00075

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_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	0.00076	-17.68	-38.89	0.00077
-19.09	-37.48	0.00077	-20.51	-36.06	0.00078
-21.92	-34.65	0.00078	-34.65	-21.92	0.00079
-36.06	-20.51	0.00079	-37.48	-19.09	0.00079
-38.89	-17.68	0.00079	-40.31	-16.26	0.00079
-42.43	-14.14	0.00079	-45.96	-10.61	0.00080
-49.50	-7.07	0.00080	-56.57	0.00	0.00081
-63.64	7.07	0.00081	-70.71	14.14	0.00082
-77.78	21.21	0.00083	-84.85	28.28	0.00083
-91.92	35.36	0.00083	-98.99	42.43	0.00082
35.36	-106.07	0.00045	28.28	-98.99	0.00049
21.21	-91.92	0.00053	14.14	-84.85	0.00058
7.07	-77.78	0.00062	0.00	-70.71	0.00067
-7.07	-63.64	0.00073	-14.14	-56.57	0.00079
-17.68	-53.03	0.00082	-21.21	-49.50	0.00085
-23.33	-47.38	0.00087	-24.75	-45.96	0.00088
-26.16	-44.55	0.00089	-27.58	-43.13	0.00089
-28.99	-41.72	0.00090	-41.72	-28.99	0.00091
-43.13	-27.58	0.00091	-44.55	-26.16	0.00091
-45.96	-24.75	0.00091	-47.38	-23.33	0.00092
-49.50	-21.21	0.00092	-53.03	-17.68	0.00092
-56.57	-14.14	0.00093	-63.64	-7.07	0.00093
-70.71	0.00	0.00094	-77.78	7.07	0.00095
-84.85	14.14	0.00096	-91.92	21.21	0.00096
-98.99	28.28	0.00095	-106.07	35.36	0.00094
28.28	-113.14	0.00048	21.21	-106.07	0.00053
14.14	-98.99	0.00058	7.07	-91.92	0.00063
0.00	-84.85	0.00069	-7.07	-77.78	0.00075
-14.14	-70.71	0.00082	-21.21	-63.64	0.00090
-24.75	-60.10	0.00094	-28.28	-56.57	0.00098
-30.41	-54.45	0.00100	-31.82	-53.03	0.00101
-33.23	-51.62	0.00102	-34.65	-50.20	0.00103
-36.06	-48.79	0.00104	-48.79	-36.06	0.00106
-50.20	-34.65	0.00106	-51.62	-33.23	0.00106
-53.03	-31.82	0.00107	-54.45	-30.41	0.00107
-56.57	-28.28	0.00107	-60.10	-24.75	0.00108
-63.64	-21.21	0.00108	-70.71	-14.14	0.00110
-77.78	-7.07	0.00111	-84.85	0.00	0.00112
-91.92	7.07	0.00113	-98.99	14.14	0.00112

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-91.92	0.00120	-42.43	-84.85	0.00136
-45.96	-81.32	0.00144	-49.50	-77.78	0.00153
-51.62	-75.66	0.00159	-53.03	-74.25	0.00163
-54.45	-72.83	0.00167	-55.86	-71.42	0.00170
-57.28	-70.00	0.00173	-70.00	-57.28	0.00184
-71.42	-55.86	0.00184	-72.83	-54.45	0.00185
-74.25	-53.03	0.00186	-75.66	-51.62	0.00187

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00188	-81.32	-45.96	0.00190
-84.85	-42.43	0.00193	-91.92	-35.36	0.00198
-98.99	-28.28	0.00199	-106.07	-21.21	0.00195
-113.14	-14.14	0.00185	-120.21	-7.07	0.00173
-127.28	0.00	0.00160	-134.35	7.07	0.00146
0.00	-141.42	0.00066	-7.07	-134.35	0.00074
-14.14	-127.28	0.00083	-21.21	-120.21	0.00093
-28.28	-113.14	0.00105	-35.36	-106.07	0.00119
-42.43	-98.99	0.00137	-49.50	-91.92	0.00157
-53.03	-88.39	0.00168	-56.57	-84.85	0.00180
-58.69	-82.73	0.00188	-60.10	-81.32	0.00194
-61.52	-79.90	0.00199	-62.93	-78.49	0.00205
-64.35	-77.07	0.00210	-77.07	-64.35	0.00229
-78.49	-62.93	0.00231	-79.90	-61.52	0.00232
-81.32	-60.10	0.00233	-82.73	-58.69	0.00235
-84.85	-56.57	0.00238	-88.39	-53.03	0.00243
-91.92	-49.50	0.00247	-98.99	-42.43	0.00251
-106.07	-35.36	0.00245	-113.14	-28.28	0.00231
-120.21	-21.21	0.00214	-127.28	-14.14	0.00195
-134.35	-7.07	0.00176	-141.42	0.00	0.00158
-7.07	-148.49	0.00073	-14.14	-141.42	0.00081
-21.21	-134.35	0.00092	-28.28	-127.28	0.00104
-35.36	-120.21	0.00118	-42.43	-113.14	0.00135
-49.50	-106.07	0.00155	-56.57	-98.99	0.00180
-60.10	-95.46	0.00196	-63.64	-91.92	0.00213
-65.76	-89.80	0.00224	-67.18	-88.39	0.00232
-68.59	-86.97	0.00240	-70.00	-85.56	0.00248

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-71.42	-84.15	0.00257	-84.15	-71.42	0.00296
-85.56	-70.00	0.00298	-86.97	-68.59	0.00301
-88.39	-67.18	0.00305	-89.80	-65.76	0.00308
-91.92	-63.64	0.00314	-95.46	-60.10	0.00322
-98.99	-56.57	0.00326	-106.07	-49.50	0.00318
-113.14	-42.43	0.00296	-120.21	-35.36	0.00269
-127.28	-28.28	0.00241	-134.35	-21.21	0.00215
-141.42	-14.14	0.00190	-148.49	-7.07	0.00168
-14.14	-155.56	0.00080	-21.21	-148.49	0.00090
-28.28	-141.42	0.00102	-35.36	-134.35	0.00116
-42.43	-127.28	0.00133	-49.50	-120.21	0.00153
-56.57	-113.14	0.00178	-63.64	-106.07	0.00207
-67.18	-102.53	0.00226	-70.71	-98.99	0.00248

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	0.00264	-74.25	-95.46	0.00276
-75.66	-94.05	0.00289	-77.07	-92.63	0.00302
-78.49	-91.22	0.00316	-91.22	-78.49	0.00402
-92.63	-77.07	0.00409	-94.05	-75.66	0.00417
-95.46	-74.25	0.00424	-96.87	-72.83	0.00429
-98.99	-70.71	0.00434	-102.53	-67.18	0.00433
-106.07	-63.64	0.00422	-113.14	-56.57	0.00386
-120.21	-49.50	0.00344	-127.28	-42.43	0.00303
-134.35	-35.36	0.00265	-141.42	-28.28	0.00231
-148.49	-21.21	0.00201	-155.56	-14.14	0.00175
-21.21	-162.63	0.00088	-28.28	-155.56	0.00100
-35.36	-148.49	0.00114	-42.43	-141.42	0.00131
-49.50	-134.35	0.00152	-56.57	-127.28	0.00177
-63.64	-120.21	0.00206	-70.71	-113.14	0.00243
-74.25	-109.60	0.00266	-77.78	-106.07	0.00293
-79.90	-103.94	0.00313	-81.32	-102.53	0.00328
-82.73	-101.12	0.00345	-84.15	-99.70	0.00366
-85.56	-98.29	0.00390	-98.29	-85.56	0.00601
-99.70	-84.15	0.00603	-101.12	-82.73	0.00599
-102.53	-81.32	0.00593	-103.94	-79.90	0.00585
-106.07	-77.78	0.00571	-109.60	-74.25	0.00542

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-113.14	-70.71	0.00510	-120.21	-63.64	0.00444
-127.28	-56.57	0.00382	-134.35	-49.50	0.00327
-141.42	-42.43	0.00280	-148.49	-35.36	0.00240
-155.56	-28.28	0.00206	-162.63	-21.21	0.00177
-28.28	-169.71	0.00096	-35.36	-162.63	0.00110
-42.43	-155.56	0.00126	-49.50	-148.49	0.00146
-56.57	-141.42	0.00171	-63.64	-134.35	0.00202
-70.71	-127.28	0.00240	-77.78	-120.21	0.00287
-81.32	-116.67	0.00317	-84.85	-113.14	0.00353
-86.97	-111.02	0.00380	-88.39	-109.60	0.00401
-89.80	-108.19	0.00425	-91.22	-106.77	0.00455
-92.63	-105.36	0.00492	-105.36	-92.63	0.00733
-106.77	-91.22	0.00711	-108.19	-89.80	0.00692
-109.60	-88.39	0.00676	-111.02	-86.97	0.00659
-113.14	-84.85	0.00635	-116.67	-81.32	0.00593
-120.21	-77.78	0.00550	-127.28	-70.71	0.00470
-134.35	-63.64	0.00398	-141.42	-56.57	0.00336
-148.49	-49.50	0.00283	-155.56	-42.43	0.00239
-162.63	-35.36	0.00203	-169.71	-28.28	0.00172

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	0.00104	-42.43	-169.71	0.00119
-49.50	-162.63	0.00137	-56.57	-155.56	0.00160
-63.64	-148.49	0.00188	-70.71	-141.42	0.00223
-77.78	-134.35	0.00266	-84.85	-127.28	0.00318
-88.39	-123.74	0.00349	-91.92	-120.21	0.00386
-94.05	-118.09	0.00412	-95.46	-116.67	0.00432
-96.87	-115.26	0.00455	-98.29	-113.84	0.00482
-99.70	-112.43	0.00517	-112.43	-99.70	0.00733
-113.84	-98.29	0.00710	-115.26	-96.87	0.00691
-116.67	-95.46	0.00674	-118.09	-94.05	0.00658
-120.21	-91.92	0.00633	-123.74	-88.39	0.00592
-127.28	-84.85	0.00550	-134.35	-77.78	0.00469
-141.42	-70.71	0.00394	-148.49	-63.64	0.00329
-155.56	-56.57	0.00275	-162.63	-49.50	0.00230
-169.71	-42.43	0.00193	-176.78	-35.36	0.00163

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-183.85	0.00109	-49.50	-176.78	0.00126
-56.57	-169.71	0.00145	-63.64	-162.63	0.00169
-70.71	-155.56	0.00199	-77.78	-148.49	0.00235
-84.85	-141.42	0.00278	-91.92	-134.35	0.00329
-95.46	-130.81	0.00358	-98.99	-127.28	0.00393
-101.12	-125.16	0.00417	-102.53	-123.74	0.00435
-103.94	-122.33	0.00456	-105.36	-120.92	0.00480
-106.77	-119.50	0.00512	-119.50	-106.77	0.00720
-120.92	-105.36	0.00698	-122.33	-103.94	0.00679
-123.74	-102.53	0.00662	-125.16	-101.12	0.00645
-127.28	-98.99	0.00620	-130.81	-95.46	0.00577
-134.35	-91.92	0.00534	-141.42	-84.85	0.00451
-148.49	-77.78	0.00376	-155.56	-70.71	0.00311
-162.63	-63.64	0.00257	-169.71	-56.57	0.00213
-176.78	-49.50	0.00178	-183.85	-42.43	0.00150
-49.50	-190.92	0.00112	-56.57	-183.85	0.00129
-63.64	-176.78	0.00149	-70.71	-169.71	0.00174
-77.78	-162.63	0.00203	-84.85	-155.56	0.00238
-91.92	-148.49	0.00279	-98.99	-141.42	0.00328
-102.53	-137.89	0.00355	-106.07	-134.35	0.00386
-108.19	-132.23	0.00407	-109.60	-130.81	0.00423
-111.02	-129.40	0.00442	-112.43	-127.99	0.00465
-113.84	-126.57	0.00495	-126.57	-113.84	0.00699
-127.99	-112.43	0.00675	-129.40	-111.02	0.00656
-130.81	-109.60	0.00638	-132.23	-108.19	0.00621

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	0.00596	-137.89	-102.53	0.00553
-141.42	-98.99	0.00509	-148.49	-91.92	0.00423
-155.56	-84.85	0.00347	-162.63	-77.78	0.00283
-169.71	-70.71	0.00231	-176.78	-63.64	0.00191
-183.85	-56.57	0.00159	-190.92	-49.50	0.00134
-56.57	-197.99	0.00113	-63.64	-190.92	0.00129
-70.71	-183.85	0.00149	-77.78	-176.78	0.00173
-84.85	-169.71	0.00201	-91.92	-162.63	0.00234
-98.99	-155.56	0.00272	-106.07	-148.49	0.00317

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-109.60	-144.96	0.00341	-113.14	-141.42	0.00368
-115.26	-139.30	0.00387	-116.67	-137.89	0.00401
-118.09	-136.47	0.00419	-119.50	-135.06	0.00440
-120.92	-133.64	0.00468	-133.64	-120.92	0.00665
-135.06	-119.50	0.00642	-136.47	-118.09	0.00622
-137.89	-116.67	0.00604	-139.30	-115.26	0.00586
-141.42	-113.14	0.00560	-144.96	-109.60	0.00516
-148.49	-106.07	0.00470	-155.56	-98.99	0.00383
-162.63	-91.92	0.00306	-169.71	-84.85	0.00246
-176.78	-77.78	0.00199	-183.85	-70.71	0.00164
-190.92	-63.64	0.00137	-197.99	-56.57	0.00116
-63.64	-205.06	0.00111	-70.71	-197.99	0.00127
-77.78	-190.92	0.00146	-84.85	-183.85	0.00168
-91.92	-176.78	0.00195	-98.99	-169.71	0.00226
-106.07	-162.63	0.00260	-113.14	-155.56	0.00298
-116.67	-152.03	0.00318	-120.21	-148.49	0.00341
-122.33	-146.37	0.00358	-123.74	-144.96	0.00370
-125.16	-143.54	0.00386	-126.57	-142.13	0.00404
-127.99	-140.71	0.00429	-140.71	-127.99	0.00617
-142.13	-126.57	0.00593	-143.54	-125.16	0.00573
-144.96	-123.74	0.00553	-146.37	-122.33	0.00535
-148.49	-120.21	0.00507	-152.03	-116.67	0.00460
-155.56	-113.14	0.00413	-162.63	-106.07	0.00326
-169.71	-98.99	0.00256	-176.78	-91.92	0.00203
-183.85	-84.85	0.00165	-190.92	-77.78	0.00136
-197.99	-70.71	0.00114	-205.06	-63.64	0.00097
-70.71	-212.13	0.00106	-77.78	-205.06	0.00121
-84.85	-197.99	0.00138	-91.92	-190.92	0.00159
-98.99	-183.85	0.00183	-106.07	-176.78	0.00211
-113.14	-169.71	0.00242	-120.21	-162.63	0.00272
-123.74	-159.10	0.00288	-127.28	-155.56	0.00306

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	0.00319	-130.81	-152.03	0.00330
-132.23	-150.61	0.00342	-133.64	-149.20	0.00357
-135.06	-147.79	0.00377	-147.79	-135.06	0.00545

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-149.20	-133.64	0.00520	-150.61	-132.23	0.00498
-152.03	-130.81	0.00477	-153.44	-129.40	0.00456
-155.56	-127.28	0.00426	-159.10	-123.74	0.00375
-162.63	-120.21	0.00328	-169.71	-113.14	0.00253
-176.78	-106.07	0.00199	-183.85	-98.99	0.00159
-190.92	-91.92	0.00130	-197.99	-84.85	0.00108
-205.06	-77.78	0.00091	-212.13	-70.71	0.00078
-77.78	-219.20	0.00099	-84.85	-212.13	0.00112
-91.92	-205.06	0.00128	-98.99	-197.99	0.00146
-106.07	-190.92	0.00167	-113.14	-183.85	0.00191
-120.21	-176.78	0.00216	-127.28	-169.71	0.00240
-130.81	-166.17	0.00253	-134.35	-162.63	0.00265
-136.47	-160.51	0.00273	-137.89	-159.10	0.00279
-139.30	-157.68	0.00287	-140.71	-156.27	0.00296
-142.13	-154.86	0.00311	-154.86	-142.13	0.00431
-156.27	-140.71	0.00402	-157.68	-139.30	0.00375
-159.10	-137.89	0.00351	-160.51	-136.47	0.00328
-162.63	-134.35	0.00298	-166.17	-130.81	0.00256
-169.71	-127.28	0.00223	-176.78	-120.21	0.00175
-183.85	-113.14	0.00141	-190.92	-106.07	0.00115
-197.99	-98.99	0.00096	-205.06	-91.92	0.00081
-212.13	-84.85	0.00070	-219.20	-77.78	0.00061
-84.85	-226.27	0.00090	-91.92	-219.20	0.00101
-98.99	-212.13	0.00114	-106.07	-205.06	0.00129
-113.14	-197.99	0.00146	-120.21	-190.92	0.00164
-127.28	-183.85	0.00181	-134.35	-176.78	0.00198
-137.89	-173.24	0.00205	-141.42	-169.71	0.00212
-143.54	-167.58	0.00215	-144.96	-166.17	0.00218
-146.37	-164.76	0.00220	-147.79	-163.34	0.00224
-149.20	-161.93	0.00229	-161.93	-149.20	0.00222
-163.34	-147.79	0.00198	-164.76	-146.37	0.00181
-166.17	-144.96	0.00170	-167.58	-143.54	0.00161
-169.71	-141.42	0.00150	-173.24	-137.89	0.00135
-176.78	-134.35	0.00124	-183.85	-127.28	0.00105
-190.92	-120.21	0.00091	-197.99	-113.14	0.00078
-205.06	-106.07	0.00068	-212.13	-98.99	0.00059
-219.20	-91.92	0.00052	-226.27	-84.85	0.00046

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

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

20:17:05

**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 ,

16NCRA_SR01-300_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	0.00080	-98.99	-226.27	0.00089
-106.07	-219.20	0.00098	-113.14	-212.13	0.00109
-120.21	-205.06	0.00121	-127.28	-197.99	0.00131
-134.35	-190.92	0.00140	-141.42	-183.85	0.00144
-144.96	-180.31	0.00143	-148.49	-176.78	0.00140
-150.61	-174.66	0.00136	-152.03	-173.24	0.00132
-153.44	-171.83	0.00127	-154.86	-170.41	0.00121
-156.27	-169.00	0.00114	-169.00	-156.27	0.00075
-170.41	-154.86	0.00074	-171.83	-153.44	0.00074
-173.24	-152.03	0.00073	-174.66	-150.61	0.00073
-176.78	-148.49	0.00072	-180.31	-144.96	0.00070
-183.85	-141.42	0.00068	-190.92	-134.35	0.00064
-197.99	-127.28	0.00059	-205.06	-120.21	0.00054
-212.13	-113.14	0.00049	-219.20	-106.07	0.00044
-226.27	-98.99	0.00039	-233.35	-91.92	0.00036
-98.99	-240.42	0.00070	-106.07	-233.35	0.00076
-113.14	-226.27	0.00083	-120.21	-219.20	0.00090
-127.28	-212.13	0.00096	-134.35	-205.06	0.00101
-141.42	-197.99	0.00103	-148.49	-190.92	0.00101
-152.03	-187.38	0.00098	-155.56	-183.85	0.00093
-157.68	-181.73	0.00088	-159.10	-180.31	0.00085
-160.51	-178.90	0.00080	-161.93	-177.48	0.00076
-163.34	-176.07	0.00071	-176.07	-163.34	0.00056
-177.48	-161.93	0.00056	-178.90	-160.51	0.00056
-180.31	-159.10	0.00056	-181.73	-157.68	0.00056
-183.85	-155.56	0.00055	-187.38	-152.03	0.00052
-190.92	-148.49	0.00050	-197.99	-141.42	0.00046
-205.06	-134.35	0.00043	-212.13	-127.28	0.00040
-219.20	-120.21	0.00037	-226.27	-113.14	0.00034
-233.35	-106.07	0.00031	-240.42	-98.99	0.00028
-106.07	-247.49	0.00060	-113.14	-240.42	0.00064
-120.21	-233.35	0.00069	-127.28	-226.27	0.00073
-134.35	-219.20	0.00076	-141.42	-212.13	0.00078
-148.49	-205.06	0.00077	-155.56	-197.99	0.00075
-159.10	-194.45	0.00071	-162.63	-190.92	0.00067
-164.76	-188.80	0.00063	-166.17	-187.38	0.00061
-167.58	-185.97	0.00058	-169.00	-184.55	0.00056
-170.41	-183.14	0.00052	-183.14	-170.41	0.00045
-184.55	-169.00	0.00046	-185.97	-167.58	0.00046
-187.38	-166.17	0.00045	-188.80	-164.76	0.00045

04/18/08

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00044	-194.45	-159.10	0.00043
-197.99	-155.56	0.00041	-205.06	-148.49	0.00038
-212.13	-141.42	0.00034	-219.20	-134.35	0.00031
-226.27	-127.28	0.00029	-233.35	-120.21	0.00027
-240.42	-113.14	0.00025	-247.49	-106.07	0.00023

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00012	240.42	113.14	0.00013
233.35	120.21	0.00013	226.27	127.28	0.00013
219.20	134.35	0.00014	212.13	141.42	0.00014
205.06	148.49	0.00014	197.99	155.56	0.00014
194.45	159.10	0.00014	190.92	162.63	0.00015
188.80	164.76	0.00015	187.38	166.17	0.00015
185.97	167.58	0.00015	184.55	169.00	0.00015
183.14	170.41	0.00015	170.41	183.14	0.00014
169.00	184.55	0.00014	167.58	185.97	0.00014
166.17	187.38	0.00014	164.76	188.80	0.00014
162.63	190.92	0.00014	159.10	194.45	0.00014
155.56	197.99	0.00014	148.49	205.06	0.00014
141.42	212.13	0.00015	134.35	219.20	0.00015
127.28	226.27	0.00015	120.21	233.35	0.00015
113.14	240.42	0.00015	106.07	247.49	0.00015
240.42	98.99	0.00013	233.35	106.07	0.00013
226.27	113.14	0.00014	219.20	120.21	0.00014
212.13	127.28	0.00015	205.06	134.35	0.00015
197.99	141.42	0.00015	190.92	148.49	0.00015
187.38	152.03	0.00015	183.85	155.56	0.00015

16NCRA_SR01-300_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	0.00015	152.03	187.38	0.00015
148.49	190.92	0.00015	141.42	197.99	0.00015
134.35	205.06	0.00015	127.28	212.13	0.00015
120.21	219.20	0.00015	113.14	226.27	0.00016
106.07	233.35	0.00016	98.99	240.42	0.00016
233.35	91.92	0.00014	226.27	98.99	0.00014
219.20	106.07	0.00014	212.13	113.14	0.00015
205.06	120.21	0.00015	197.99	127.28	0.00016
190.92	134.35	0.00016	183.85	141.42	0.00016
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 ***

20:17:05
 **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	0.00016
141.42	183.85	0.00016	134.35	190.92	0.00016
127.28	197.99	0.00016	120.21	205.06	0.00016
113.14	212.13	0.00016	106.07	219.20	0.00016
99.00	226.27	0.00016	91.92	233.35	0.00016
226.27	84.85	0.00014	219.20	91.92	0.00015
212.13	98.99	0.00015	205.06	106.07	0.00016
197.99	113.14	0.00016	190.92	120.21	0.00017
183.85	127.28	0.00017	176.78	134.35	0.00017
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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

04/18/08

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

20:17:05

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00020	152.03	130.81	0.00020
150.61	132.23	0.00020	149.20	133.64	0.00020
147.79	135.06	0.00020	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

16NCRA_SR01-300_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	0.00017	197.99	70.71	0.00017
190.92	77.78	0.00018	183.85	84.85	0.00018
176.78	91.92	0.00019	169.71	98.99	0.00020
162.63	106.07	0.00020	155.56	113.14	0.00021
152.03	116.67	0.00021	148.49	120.21	0.00021
146.37	122.33	0.00021	144.96	123.74	0.00021
143.54	125.16	0.00021	142.13	126.57	0.00021
140.71	127.99	0.00021	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	0.00021	106.07	162.63	0.00021
98.99	169.71	0.00021	91.92	176.78	0.00021
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	0.00018	190.92	63.64	0.00018
183.85	70.71	0.00019	176.78	77.78	0.00020
169.71	84.85	0.00020	162.63	91.92	0.00021
155.56	98.99	0.00022	148.49	106.07	0.00022
144.96	109.60	0.00022	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	0.00022	118.09	136.47	0.00022
116.67	137.89	0.00022	115.26	139.30	0.00022
113.14	141.42	0.00022	109.60	144.96	0.00022
106.07	148.49	0.00022	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 ***

20:17:05
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00019	183.85	56.57	0.00019
176.78	63.64	0.00020	169.71	70.71	0.00021

16NCRA_SR01-300_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	0.00024
137.89	102.53	0.00024	134.35	106.07	0.00024
132.23	108.19	0.00024	130.81	109.60	0.00024
129.40	111.02	0.00024	127.99	112.43	0.00024
126.57	113.84	0.00024	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	0.00024	102.53	137.89	0.00024
98.99	141.42	0.00024	91.92	148.49	0.00024
84.85	155.56	0.00024	77.78	162.63	0.00024
70.71	169.71	0.00024	63.64	176.78	0.00024
56.57	183.85	0.00024	49.50	190.92	0.00025
183.85	42.43	0.00020	176.78	49.50	0.00020
169.71	56.57	0.00021	162.63	63.64	0.00022
155.56	70.71	0.00023	148.49	77.78	0.00024
141.42	84.85	0.00025	134.35	91.92	0.00025
130.81	95.46	0.00026	127.28	98.99	0.00026
125.16	101.12	0.00026	123.74	102.53	0.00026
122.33	103.94	0.00026	120.92	105.36	0.00026
119.50	106.77	0.00026	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	0.00026
91.92	134.35	0.00026	84.85	141.42	0.00026
77.78	148.49	0.00026	70.71	155.56	0.00026
63.64	162.63	0.00026	56.57	169.71	0.00026
49.50	176.78	0.00026	42.43	183.85	0.00027
176.78	35.36	0.00021	169.71	42.43	0.00022
162.63	49.50	0.00023	155.56	56.57	0.00024
148.49	63.64	0.00025	141.42	70.71	0.00026
134.35	77.78	0.00027	127.28	84.85	0.00027
123.74	88.39	0.00028	120.21	91.92	0.00028
118.09	94.05	0.00028	116.67	95.46	0.00028
115.26	96.87	0.00028	113.84	98.29	0.00028
112.43	99.70	0.00028	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	0.00028

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

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

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_SR01-300_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	0.00028	88.39	123.74	0.00028	
84.85	127.28	0.00028	77.78	134.35	0.00028	
70.71	141.42	0.00028	63.64	148.49	0.00028	
56.57	155.56	0.00028	49.50	162.63	0.00029	
42.43	169.71	0.00029	35.36	176.78	0.00029	
169.71	28.28	0.00022	162.63	35.36	0.00023	
155.56	42.43	0.00024	148.49	49.50	0.00025	
141.42	56.57	0.00026	134.35	63.64	0.00028	
127.28	70.71	0.00029	120.21	77.78	0.00030	
116.67	81.32	0.00030	113.14	84.85	0.00030	
111.02	86.97	0.00030	109.60	88.39	0.00030	
108.19	89.80	0.00030	106.77	91.22	0.00030	
105.36	92.63	0.00030	92.63	105.36	0.00030	
91.22	106.77	0.00030	89.80	108.19	0.00030	
88.39	109.60	0.00030	86.97	111.02	0.00030	
84.85	113.14	0.00030	81.32	116.67	0.00030	
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	0.00024	155.56	28.28	0.00025	
148.49	35.36	0.00026	141.42	42.43	0.00027	
134.35	49.50	0.00028	127.28	56.57	0.00030	
120.21	63.64	0.00031	113.14	70.71	0.00032	
109.60	74.25	0.00033	106.07	77.78	0.00033	
103.94	79.90	0.00033	102.53	81.32	0.00033	
101.12	82.73	0.00033	99.70	84.15	0.00033	
98.29	85.56	0.00033	85.56	98.29	0.00033	
84.15	99.70	0.00033	82.73	101.12	0.00033	
81.32	102.53	0.00033	79.90	103.94	0.00033	
77.78	106.07	0.00033	74.25	109.60	0.00033	
70.71	113.14	0.00033	63.64	120.21	0.00033	
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	0.00034	21.21	162.63	0.00034	
155.56	14.14	0.00025	148.49	21.21	0.00027	
141.42	28.28	0.00028	134.35	35.36	0.00029	
127.28	42.43	0.00031	120.21	49.50	0.00032	
113.14	56.57	0.00034	106.07	63.64	0.00035	
102.53	67.18	0.00035	98.99	70.71	0.00036	

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

*** NCRA Cumulative DPM Impacts

20:17:05

**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	0.00036	95.46	74.25	0.00036
94.05	75.66	0.00036	92.63	77.07	0.00036
91.22	78.49	0.00036	78.49	91.22	0.00036
77.07	92.63	0.00036	75.66	94.05	0.00036
74.25	95.46	0.00036	72.83	96.87	0.00036
70.71	98.99	0.00036	67.18	102.53	0.00036
63.64	106.07	0.00036	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	0.00038
148.49	7.07	0.00027	141.42	14.14	0.00029
134.35	21.21	0.00030	127.28	28.28	0.00031
120.21	35.36	0.00033	113.14	42.43	0.00035
106.07	49.50	0.00037	98.99	56.57	0.00038
95.46	60.10	0.00039	91.92	63.64	0.00039
89.80	65.76	0.00039	88.39	67.18	0.00040
86.97	68.59	0.00040	85.56	70.00	0.00040
84.15	71.42	0.00040	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	0.00040
63.64	91.92	0.00040	60.10	95.46	0.00040
56.57	98.99	0.00040	49.50	106.07	0.00040
42.43	113.14	0.00040	35.36	120.21	0.00040
28.28	127.28	0.00041	21.21	134.35	0.00041
14.14	141.42	0.00041	7.07	148.49	0.00041
141.42	0.00	0.00029	134.35	7.07	0.00031
127.28	14.14	0.00032	120.21	21.21	0.00034
113.14	28.28	0.00036	106.07	35.36	0.00038
98.99	42.43	0.00040	91.92	49.50	0.00042
88.39	53.03	0.00043	84.85	56.57	0.00043
82.73	58.69	0.00043	81.32	60.10	0.00044
79.90	61.52	0.00044	78.49	62.93	0.00044
77.07	64.35	0.00044	64.35	77.07	0.00044
62.93	78.49	0.00044	61.52	79.90	0.00044

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	-7.07	0.00031	127.28	0.00	0.00033
120.21	7.07	0.00035	113.14	14.14	0.00037
106.07	21.21	0.00039	98.99	28.28	0.00041
91.92	35.36	0.00044	84.85	42.43	0.00046
81.32	45.96	0.00047	77.78	49.50	0.00048
75.66	51.62	0.00048	74.25	53.03	0.00048
72.83	54.45	0.00048	71.42	55.86	0.00048
70.00	57.28	0.00049	57.28	70.00	0.00049
55.86	71.42	0.00049	54.45	72.83	0.00049
53.03	74.25	0.00049	51.62	75.66	0.00049
49.50	77.78	0.00049	45.96	81.32	0.00049
42.43	84.85	0.00049	35.36	91.92	0.00049
28.28	98.99	0.00049	21.21	106.07	0.00050
14.14	113.14	0.00050	7.07	120.21	0.00050
0.00	127.28	0.00051	-7.07	134.35	0.00051
127.28	-14.14	0.00034	120.21	-7.07	0.00036
113.14	0.00	0.00038	106.07	7.07	0.00040
98.99	14.14	0.00042	91.92	21.21	0.00045
84.85	28.28	0.00048	77.78	35.36	0.00051
74.25	38.89	0.00052	70.71	42.43	0.00053
68.59	44.55	0.00053	67.18	45.96	0.00054
65.76	47.38	0.00054	64.35	48.79	0.00054
62.93	50.20	0.00054	50.20	62.93	0.00054
48.79	64.35	0.00054	47.38	65.76	0.00054
45.96	67.18	0.00054	44.55	68.59	0.00054
42.43	70.71	0.00055	38.89	74.25	0.00055
35.36	77.78	0.00055	28.28	84.85	0.00055
21.21	91.92	0.00055	14.14	98.99	0.00056

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

7.07	106.07	0.00056	0.00	113.14	0.00056
-7.07	120.21	0.00057	-14.14	127.28	0.00057
120.21	-21.21	0.00036	113.14	-14.14	0.00039
106.07	-7.07	0.00041	98.99	0.00	0.00044
91.92	7.07	0.00046	84.85	14.14	0.00049
77.78	21.21	0.00053	70.71	28.28	0.00056
67.18	31.82	0.00058	63.64	35.36	0.00059
61.52	37.48	0.00060	60.10	38.89	0.00060
58.69	40.31	0.00060	57.28	41.72	0.00061
55.86	43.13	0.00061	43.13	55.86	0.00061
41.72	57.28	0.00061	40.31	58.69	0.00061
38.89	60.10	0.00061	37.48	61.52	0.00061

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00061	31.82	67.18	0.00062
28.28	70.71	0.00062	21.21	77.78	0.00062
14.14	84.85	0.00062	7.07	91.92	0.00063
0.00	98.99	0.00063	-7.07	106.07	0.00064
-14.14	113.14	0.00064	-21.21	120.21	0.00064
113.14	-28.28	0.00039	106.07	-21.21	0.00042
98.99	-14.14	0.00045	91.92	-7.07	0.00048
84.85	0.00	0.00051	77.78	7.07	0.00055
70.71	14.14	0.00058	63.64	21.21	0.00063
60.10	24.75	0.00065	56.57	28.28	0.00066
54.45	30.41	0.00067	53.03	31.82	0.00068
51.62	33.23	0.00068	50.20	34.65	0.00068
48.79	36.06	0.00069	36.06	48.79	0.00069
34.65	50.20	0.00069	33.23	51.62	0.00069
31.82	53.03	0.00069	30.41	54.45	0.00069
28.28	56.57	0.00069	24.75	60.10	0.00070
21.21	63.64	0.00070	14.14	70.71	0.00070
7.07	77.78	0.00071	0.00	84.85	0.00071
-7.07	91.92	0.00072	-14.14	98.99	0.00073
-21.21	106.07	0.00073	-28.28	113.14	0.00072
106.07	-35.36	0.00042	98.99	-28.28	0.00045
91.92	-21.21	0.00049	84.85	-14.14	0.00052

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

77.78	-7.07	0.00056	70.71	0.00	0.00060
63.64	7.07	0.00065	56.57	14.14	0.00070
53.03	17.68	0.00073	49.50	21.21	0.00075
47.38	23.33	0.00076	45.96	24.75	0.00077
44.55	26.16	0.00077	43.13	27.58	0.00078
41.72	28.99	0.00078	28.99	41.72	0.00079
27.58	43.13	0.00079	26.16	44.55	0.00079
24.75	45.96	0.00079	23.33	47.38	0.00079
21.21	49.50	0.00079	17.68	53.03	0.00080
14.14	56.57	0.00080	7.07	63.64	0.00081
0.00	70.71	0.00081	-7.07	77.78	0.00082
-14.14	84.85	0.00083	-21.21	91.92	0.00083
-28.28	98.99	0.00083	-35.36	106.07	0.00082
98.99	-42.43	0.00045	91.92	-35.36	0.00049
84.85	-28.28	0.00053	77.78	-21.21	0.00058
70.71	-14.14	0.00062	63.64	-7.07	0.00067
56.57	0.00	0.00073	49.50	7.07	0.00079
45.96	10.61	0.00082	42.43	14.14	0.00085

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00087	38.89	17.68	0.00088
37.48	19.09	0.00089	36.06	20.51	0.00089
34.65	21.92	0.00090	21.92	34.65	0.00091
20.51	36.06	0.00091	19.09	37.48	0.00091
17.68	38.89	0.00091	16.26	40.31	0.00092
14.14	42.43	0.00092	10.61	45.96	0.00092
7.07	49.50	0.00093	0.00	56.57	0.00093
-7.07	63.64	0.00094	-14.14	70.71	0.00095
-21.21	77.78	0.00096	-28.28	84.85	0.00096
-35.36	91.92	0.00095	-42.43	98.99	0.00094
91.92	-49.50	0.00048	84.85	-42.43	0.00053
77.78	-35.36	0.00058	70.71	-28.28	0.00063
63.64	-21.21	0.00069	56.57	-14.14	0.00075
49.50	-7.07	0.00082	42.43	0.00	0.00090
38.89	3.54	0.00094	35.36	7.07	0.00098
33.23	9.19	0.00100	31.82	10.61	0.00101

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

30.41	12.02	0.00102	28.99	13.44	0.00103
27.58	14.85	0.00104	14.85	27.58	0.00106
13.44	28.99	0.00106	12.02	30.41	0.00106
10.61	31.82	0.00107	9.19	33.23	0.00107
7.07	35.36	0.00107	3.54	38.89	0.00108
0.00	42.43	0.00108	-7.07	49.50	0.00110
-14.14	56.57	0.00111	-21.21	63.64	0.00112
-28.28	70.71	0.00113	-35.36	77.78	0.00112
-42.43	84.85	0.00110	-49.50	91.92	0.00106
84.85	-56.57	0.00052	77.78	-49.50	0.00057
70.71	-42.43	0.00063	63.64	-35.36	0.00070
56.57	-28.28	0.00077	49.50	-21.21	0.00085
42.43	-14.14	0.00093	35.36	-7.07	0.00102
31.82	-3.54	0.00107	28.28	0.00	0.00113
26.16	2.12	0.00116	24.75	3.54	0.00118
23.33	4.95	0.00119	21.92	6.36	0.00121
20.51	7.78	0.00122	7.78	20.51	0.00125
6.36	21.92	0.00126	4.95	23.33	0.00126
3.54	24.75	0.00126	2.12	26.16	0.00127
0.00	28.28	0.00127	-3.54	31.82	0.00128
-7.07	35.36	0.00129	-14.14	42.43	0.00131
-21.21	49.50	0.00133	-28.28	56.57	0.00134
-35.36	63.64	0.00133	-42.43	70.71	0.00130
-49.50	77.78	0.00126	-56.57	84.85	0.00120

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

20:17:05
 **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	0.00056	70.71	-56.57	0.00062
63.64	-49.50	0.00068	56.57	-42.43	0.00076
49.50	-35.36	0.00085	42.43	-28.28	0.00095
35.36	-21.21	0.00106	28.28	-14.14	0.00117
24.75	-10.61	0.00124	21.21	-7.07	0.00131
19.09	-4.95	0.00135	17.68	-3.54	0.00138
16.26	-2.12	0.00140	14.85	-0.71	0.00143
13.44	0.71	0.00145	0.71	13.44	0.00150
-0.71	14.85	0.00151	-2.12	16.26	0.00151
-3.54	17.68	0.00152	-4.95	19.09	0.00152

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	21.21	0.00153	-10.61	24.75	0.00154
-14.14	28.28	0.00156	-21.21	35.36	0.00159
-28.28	42.43	0.00161	-35.36	49.50	0.00161
-42.43	56.57	0.00158	-49.50	63.64	0.00151
-56.57	70.71	0.00143	-63.64	77.78	0.00133
70.71	-70.71	0.00061	63.64	-63.64	0.00068
56.57	-56.57	0.00075	49.50	-49.50	0.00084
42.43	-42.43	0.00094	35.36	-35.36	0.00107
28.28	-28.28	0.00120	21.21	-21.21	0.00136
17.68	-17.68	0.00144	14.14	-14.14	0.00153
12.02	-12.02	0.00159	10.61	-10.61	0.00163
9.19	-9.19	0.00167	7.78	-7.78	0.00170
6.36	-6.36	0.00173	-6.36	6.36	0.00184
-7.78	7.78	0.00184	-9.19	9.19	0.00185
-10.61	10.61	0.00186	-12.02	12.02	0.00187
-14.14	14.14	0.00188	-17.68	17.68	0.00190
-21.21	21.21	0.00193	-28.28	28.28	0.00198
-35.36	35.36	0.00199	-42.43	42.43	0.00195
-49.50	49.50	0.00185	-56.57	56.57	0.00173
-63.64	63.64	0.00160	-70.71	70.71	0.00146
63.64	-77.78	0.00066	56.57	-70.71	0.00074
49.50	-63.64	0.00083	42.43	-56.57	0.00093
35.36	-49.50	0.00105	28.28	-42.43	0.00119
21.21	-35.36	0.00137	14.14	-28.28	0.00157
10.61	-24.75	0.00168	7.07	-21.21	0.00180
4.95	-19.09	0.00188	3.54	-17.68	0.00194
2.12	-16.26	0.00199	0.71	-14.85	0.00205
-0.71	-13.44	0.00210	-13.44	-0.71	0.00229
-14.85	0.71	0.00231	-16.26	2.12	0.00232
-17.68	3.54	0.00233	-19.09	4.95	0.00235

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

20:17:05
 **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	0.00238	-24.75	10.61	0.00243
-28.28	14.14	0.00247	-35.36	21.21	0.00251
-42.43	28.28	0.00245	-49.50	35.36	0.00231
-56.57	42.43	0.00214	-63.64	49.50	0.00195

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	56.57	0.00176	-77.78	63.64	0.00158
56.57	-84.85	0.00073	49.50	-77.78	0.00081
42.43	-70.71	0.00092	35.36	-63.64	0.00104
28.28	-56.57	0.00118	21.21	-49.50	0.00135
14.14	-42.43	0.00155	7.07	-35.36	0.00180
3.54	-31.82	0.00196	0.00	-28.28	0.00213
-2.12	-26.16	0.00224	-3.54	-24.75	0.00232
-4.95	-23.33	0.00240	-6.36	-21.92	0.00248
-7.78	-20.51	0.00257	-20.51	-7.78	0.00296
-21.92	-6.36	0.00298	-23.33	-4.95	0.00301
-24.75	-3.54	0.00305	-26.16	-2.12	0.00308
-28.28	0.00	0.00314	-31.82	3.54	0.00322
-35.36	7.07	0.00326	-42.43	14.14	0.00318
-49.50	21.21	0.00296	-56.57	28.28	0.00269
-63.64	35.36	0.00241	-70.71	42.43	0.00215
-77.78	49.50	0.00190	-84.85	56.57	0.00168
49.50	-91.92	0.00080	42.43	-84.85	0.00090
35.36	-77.78	0.00102	28.28	-70.71	0.00116
21.21	-63.64	0.00133	14.14	-56.57	0.00153
7.07	-49.50	0.00178	0.00	-42.43	0.00207
-3.54	-38.89	0.00226	-7.07	-35.36	0.00248
-9.19	-33.23	0.00264	-10.61	-31.82	0.00276
-12.02	-30.41	0.00289	-13.44	-28.99	0.00302
-14.85	-27.58	0.00316	-27.58	-14.85	0.00402
-28.99	-13.44	0.00409	-30.41	-12.02	0.00417
-31.82	-10.61	0.00424	-33.23	-9.19	0.00429
-35.36	-7.07	0.00434	-38.89	-3.54	0.00433
-42.43	0.00	0.00422	-49.50	7.07	0.00386
-56.57	14.14	0.00344	-63.64	21.21	0.00303
-70.71	28.28	0.00265	-77.78	35.36	0.00231
-84.85	42.43	0.00201	-91.92	49.50	0.00175
42.43	-98.99	0.00088	35.36	-91.92	0.00100
28.28	-84.85	0.00114	21.21	-77.78	0.00131
14.14	-70.71	0.00152	7.07	-63.64	0.00177
0.00	-56.57	0.00206	-7.07	-49.50	0.00243
-10.61	-45.96	0.00266	-14.14	-42.43	0.00293

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

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

20:17:05

**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 ***

16NCRA_SR01-300_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	0.00312	-17.68	-38.89	0.00328
-19.09	-37.48	0.00345	-20.51	-36.06	0.00366
-21.92	-34.65	0.00390	-34.65	-21.92	0.00601
-36.06	-20.51	0.00603	-37.48	-19.09	0.00599
-38.89	-17.68	0.00593	-40.31	-16.26	0.00585
-42.43	-14.14	0.00571	-45.96	-10.61	0.00542
-49.50	-7.07	0.00510	-56.57	0.00	0.00444
-63.64	7.07	0.00382	-70.71	14.14	0.00327
-77.78	21.21	0.00280	-84.85	28.28	0.00240
-91.92	35.36	0.00206	-98.99	42.43	0.00177
35.36	-106.07	0.00096	28.28	-98.99	0.00110
21.21	-91.92	0.00126	14.14	-84.85	0.00146
7.07	-77.78	0.00171	0.00	-70.71	0.00202
-7.07	-63.64	0.00240	-14.14	-56.57	0.00287
-17.68	-53.03	0.00317	-21.21	-49.50	0.00353
-23.33	-47.38	0.00380	-24.75	-45.96	0.00401
-26.16	-44.55	0.00425	-27.58	-43.13	0.00455
-28.99	-41.72	0.00492	-41.72	-28.99	0.00733
-43.13	-27.58	0.00711	-44.55	-26.16	0.00692
-45.96	-24.75	0.00676	-47.38	-23.33	0.00659
-49.50	-21.21	0.00635	-53.03	-17.68	0.00593
-56.57	-14.14	0.00550	-63.64	-7.07	0.00470
-70.71	0.00	0.00398	-77.78	7.07	0.00336
-84.85	14.14	0.00283	-91.92	21.21	0.00239
-98.99	28.28	0.00203	-106.07	35.36	0.00172
28.28	-113.14	0.00104	21.21	-106.07	0.00119
14.14	-98.99	0.00137	7.07	-91.92	0.00160
0.00	-84.85	0.00188	-7.07	-77.78	0.00223
-14.14	-70.71	0.00266	-21.21	-63.64	0.00318
-24.75	-60.10	0.00349	-28.28	-56.57	0.00386
-30.41	-54.45	0.00412	-31.82	-53.03	0.00432
-33.23	-51.62	0.00455	-34.65	-50.20	0.00482
-36.06	-48.79	0.00517	-48.79	-36.06	0.00733
-50.20	-34.65	0.00710	-51.62	-33.23	0.00691
-53.03	-31.82	0.00674	-54.45	-30.41	0.00658
-56.57	-28.28	0.00633	-60.10	-24.75	0.00592
-63.64	-21.21	0.00550	-70.71	-14.14	0.00469
-77.78	-7.07	0.00394	-84.85	0.00	0.00329
-91.92	7.07	0.00275	-98.99	14.14	0.00230
-106.07	21.21	0.00193	-113.14	28.28	0.00163

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

*** NCRA Cumulative DPM Impacts

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
21.21	-120.21	0.00109	14.14	-113.14	0.00126	
7.07	-106.07	0.00145	0.00	-98.99	0.00169	
-7.07	-91.92	0.00199	-14.14	-84.85	0.00235	
-21.21	-77.78	0.00278	-28.28	-70.71	0.00329	
-31.82	-67.18	0.00358	-35.36	-63.64	0.00393	
-37.48	-61.52	0.00417	-38.89	-60.10	0.00435	
-40.31	-58.69	0.00456	-41.72	-57.28	0.00480	
-43.13	-55.86	0.00512	-55.86	-43.13	0.00720	
-57.28	-41.72	0.00698	-58.69	-40.31	0.00679	
-60.10	-38.89	0.00662	-61.52	-37.48	0.00645	
-63.64	-35.36	0.00620	-67.18	-31.82	0.00577	
-70.71	-28.28	0.00534	-77.78	-21.21	0.00451	
-84.85	-14.14	0.00376	-91.92	-7.07	0.00311	
-98.99	0.00	0.00257	-106.07	7.07	0.00213	
-113.14	14.14	0.00178	-120.21	21.21	0.00150	
14.14	-127.28	0.00112	7.07	-120.21	0.00129	
0.00	-113.14	0.00149	-7.07	-106.07	0.00174	
-14.14	-98.99	0.00203	-21.21	-91.92	0.00238	
-28.28	-84.85	0.00279	-35.36	-77.78	0.00328	
-38.89	-74.25	0.00355	-42.43	-70.71	0.00386	
-44.55	-68.59	0.00407	-45.96	-67.18	0.00423	
-47.38	-65.76	0.00442	-48.79	-64.35	0.00465	
-50.20	-62.93	0.00495	-62.93	-50.20	0.00699	
-64.35	-48.79	0.00675	-65.76	-47.38	0.00656	
-67.18	-45.96	0.00638	-68.59	-44.55	0.00621	
-70.71	-42.43	0.00596	-74.25	-38.89	0.00553	
-77.78	-35.36	0.00509	-84.85	-28.28	0.00423	
-91.92	-21.21	0.00347	-98.99	-14.14	0.00283	
-106.07	-7.07	0.00231	-113.14	0.00	0.00191	
-120.21	7.07	0.00159	-127.28	14.14	0.00134	
7.07	-134.35	0.00113	0.00	-127.28	0.00129	
-7.07	-120.21	0.00149	-14.14	-113.14	0.00173	
-21.21	-106.07	0.00201	-28.28	-98.99	0.00234	
-35.36	-91.92	0.00272	-42.43	-84.85	0.00317	
-45.96	-81.32	0.00341	-49.50	-77.78	0.00368	
-51.62	-75.66	0.00387	-53.03	-74.25	0.00401	

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-54.45	-72.83	0.00419	-55.86	-71.42	0.00440
-57.28	-70.00	0.00468	-70.00	-57.28	0.00665
-71.42	-55.86	0.00642	-72.83	-54.45	0.00622
-74.25	-53.03	0.00604	-75.66	-51.62	0.00586

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

20:17:05
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00560	-81.32	-45.96	0.00516
-84.85	-42.43	0.00470	-91.92	-35.36	0.00383
-98.99	-28.28	0.00306	-106.07	-21.21	0.00246
-113.14	-14.14	0.00199	-120.21	-7.07	0.00164
-127.28	0.00	0.00137	-134.35	7.07	0.00116
0.00	-141.42	0.00111	-7.07	-134.35	0.00127
-14.14	-127.28	0.00146	-21.21	-120.21	0.00168
-28.28	-113.14	0.00195	-35.36	-106.07	0.00226
-42.43	-98.99	0.00260	-49.50	-91.92	0.00298
-53.03	-88.39	0.00318	-56.57	-84.85	0.00341
-58.69	-82.73	0.00358	-60.10	-81.32	0.00370
-61.52	-79.90	0.00386	-62.93	-78.49	0.00404
-64.35	-77.07	0.00429	-77.07	-64.35	0.00617
-78.49	-62.93	0.00593	-79.90	-61.52	0.00573
-81.32	-60.10	0.00553	-82.73	-58.69	0.00535
-84.85	-56.57	0.00507	-88.39	-53.03	0.00460
-91.92	-49.50	0.00413	-98.99	-42.43	0.00326
-106.07	-35.36	0.00256	-113.14	-28.28	0.00203
-120.21	-21.21	0.00165	-127.28	-14.14	0.00136
-134.35	-7.07	0.00114	-141.42	0.00	0.00097
-7.07	-148.49	0.00106	-14.14	-141.42	0.00121
-21.21	-134.35	0.00138	-28.28	-127.28	0.00159
-35.36	-120.21	0.00183	-42.43	-113.14	0.00211
-49.50	-106.07	0.00242	-56.57	-98.99	0.00272
-60.10	-95.46	0.00288	-63.64	-91.92	0.00306
-65.76	-89.80	0.00319	-67.18	-88.39	0.00330
-68.59	-86.97	0.00342	-70.00	-85.56	0.00357
-71.42	-84.15	0.00377	-84.15	-71.42	0.00545
-85.56	-70.00	0.00520	-86.97	-68.59	0.00498
-88.39	-67.18	0.00477	-89.80	-65.76	0.00456

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-63.64	0.00426	-95.46	-60.10	0.00375
-98.99	-56.57	0.00328	-106.07	-49.50	0.00253
-113.14	-42.43	0.00199	-120.21	-35.36	0.00159
-127.28	-28.28	0.00130	-134.35	-21.21	0.00108
-141.42	-14.14	0.00091	-148.49	-7.07	0.00078
-14.14	-155.56	0.00099	-21.21	-148.49	0.00112
-28.28	-141.42	0.00128	-35.36	-134.35	0.00146
-42.43	-127.28	0.00167	-49.50	-120.21	0.00191
-56.57	-113.14	0.00216	-63.64	-106.07	0.00240
-67.18	-102.53	0.00253	-70.71	-98.99	0.00265

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00273	-74.25	-95.46	0.00279
-75.66	-94.05	0.00287	-77.07	-92.63	0.00296
-78.49	-91.22	0.00311	-91.22	-78.49	0.00431
-92.63	-77.07	0.00402	-94.05	-75.66	0.00375
-95.46	-74.25	0.00351	-96.87	-72.83	0.00328
-98.99	-70.71	0.00298	-102.53	-67.18	0.00256
-106.07	-63.64	0.00223	-113.14	-56.57	0.00175
-120.21	-49.50	0.00141	-127.28	-42.43	0.00115
-134.35	-35.36	0.00096	-141.42	-28.28	0.00081
-148.49	-21.21	0.00070	-155.56	-14.14	0.00061
-21.21	-162.63	0.00090	-28.28	-155.56	0.00101
-35.36	-148.49	0.00114	-42.43	-141.42	0.00129
-49.50	-134.35	0.00146	-56.57	-127.28	0.00164
-63.64	-120.21	0.00181	-70.71	-113.14	0.00198
-74.25	-109.60	0.00205	-77.78	-106.07	0.00212
-79.90	-103.94	0.00215	-81.32	-102.53	0.00218
-82.73	-101.12	0.00220	-84.15	-99.70	0.00224
-85.56	-98.29	0.00229	-98.29	-85.56	0.00222
-99.70	-84.15	0.00198	-101.12	-82.73	0.00181
-102.53	-81.32	0.00170	-103.94	-79.90	0.00161
-106.07	-77.78	0.00150	-109.60	-74.25	0.00135
-113.14	-70.71	0.00124	-120.21	-63.64	0.00105
-127.28	-56.57	0.00091	-134.35	-49.50	0.00078
-141.42	-42.43	0.00068	-148.49	-35.36	0.00059

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-155.56	-28.28	0.00052	-162.63	-21.21	0.00046
-28.28	-169.71	0.00080	-35.36	-162.63	0.00089
-42.43	-155.56	0.00098	-49.50	-148.49	0.00109
-56.57	-141.42	0.00121	-63.64	-134.35	0.00131
-70.71	-127.28	0.00140	-77.78	-120.21	0.00144
-81.32	-116.67	0.00143	-84.85	-113.14	0.00140
-86.97	-111.02	0.00136	-88.39	-109.60	0.00132
-89.80	-108.19	0.00127	-91.22	-106.77	0.00121
-92.63	-105.36	0.00114	-105.36	-92.63	0.00075
-106.77	-91.22	0.00074	-108.19	-89.80	0.00074
-109.60	-88.39	0.00073	-111.02	-86.97	0.00073
-113.14	-84.85	0.00072	-116.67	-81.32	0.00070
-120.21	-77.78	0.00068	-127.28	-70.71	0.00064
-134.35	-63.64	0.00059	-141.42	-56.57	0.00054
-148.49	-49.50	0.00049	-155.56	-42.43	0.00044
-162.63	-35.36	0.00039	-169.71	-28.28	0.00036

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00070	-42.43	-169.71	0.00076
-49.50	-162.63	0.00083	-56.57	-155.56	0.00090
-63.64	-148.49	0.00096	-70.71	-141.42	0.00101
-77.78	-134.35	0.00103	-84.85	-127.28	0.00101
-88.39	-123.74	0.00098	-91.92	-120.21	0.00093
-94.05	-118.09	0.00088	-95.46	-116.67	0.00085
-96.87	-115.26	0.00080	-98.29	-113.84	0.00076
-99.70	-112.43	0.00071	-112.43	-99.70	0.00056
-113.84	-98.29	0.00056	-115.26	-96.87	0.00056
-116.67	-95.46	0.00056	-118.09	-94.05	0.00056
-120.21	-91.92	0.00055	-123.74	-88.39	0.00052
-127.28	-84.85	0.00050	-134.35	-77.78	0.00046
-141.42	-70.71	0.00043	-148.49	-63.64	0.00040
-155.56	-56.57	0.00037	-162.63	-49.50	0.00034
-169.71	-42.43	0.00031	-176.78	-35.36	0.00028
-42.43	-183.85	0.00060	-49.50	-176.78	0.00064
-56.57	-169.71	0.00069	-63.64	-162.63	0.00073
-70.71	-155.56	0.00076	-77.78	-148.49	0.00078

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	-141.42	0.00077	-91.92	-134.35	0.00075
-95.46	-130.81	0.00071	-98.99	-127.28	0.00067
-101.12	-125.16	0.00063	-102.53	-123.74	0.00061
-103.94	-122.33	0.00058	-105.36	-120.92	0.00056
-106.77	-119.50	0.00052	-119.50	-106.77	0.00045
-120.92	-105.36	0.00046	-122.33	-103.94	0.00046
-123.74	-102.53	0.00045	-125.16	-101.12	0.00045
-127.28	-98.99	0.00044	-130.81	-95.46	0.00043
-134.35	-91.92	0.00041	-141.42	-84.85	0.00038
-148.49	-77.78	0.00034	-155.56	-70.71	0.00031
-162.63	-63.64	0.00029	-169.71	-56.57	0.00027
-176.78	-49.50	0.00025	-183.85	-42.43	0.00023
-49.50	-190.92	0.00051	-56.57	-183.85	0.00054
-63.64	-176.78	0.00057	-70.71	-169.71	0.00059
-77.78	-162.63	0.00061	-84.85	-155.56	0.00061
-91.92	-148.49	0.00060	-98.99	-141.42	0.00057
-102.53	-137.89	0.00054	-106.07	-134.35	0.00051
-108.19	-132.23	0.00049	-109.60	-130.81	0.00047
-111.02	-129.40	0.00045	-112.43	-127.99	0.00043
-113.84	-126.57	0.00041	-126.57	-113.84	0.00037
-127.99	-112.43	0.00037	-129.40	-111.02	0.00038
-130.81	-109.60	0.00038	-132.23	-108.19	0.00037

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00037	-137.89	-102.53	0.00035
-141.42	-98.99	0.00034	-148.49	-91.92	0.00032
-155.56	-84.85	0.00030	-162.63	-77.78	0.00027
-169.71	-70.71	0.00024	-176.78	-63.64	0.00023
-183.85	-56.57	0.00021	-190.92	-49.50	0.00019
-56.57	-197.99	0.00044	-63.64	-190.92	0.00046
-70.71	-183.85	0.00048	-77.78	-176.78	0.00049
-84.85	-169.71	0.00049	-91.92	-162.63	0.00049
-98.99	-155.56	0.00047	-106.07	-148.49	0.00044
-109.60	-144.96	0.00042	-113.14	-141.42	0.00041
-115.26	-139.30	0.00039	-116.67	-137.89	0.00038
-118.09	-136.47	0.00036	-119.50	-135.06	0.00034

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-120.92	-133.64	0.00032	-133.64	-120.92	0.00030
-135.06	-119.50	0.00031	-136.47	-118.09	0.00031
-137.89	-116.67	0.00032	-139.30	-115.26	0.00032
-141.42	-113.14	0.00031	-144.96	-109.60	0.00030
-148.49	-106.07	0.00029	-155.56	-98.99	0.00027
-162.63	-91.92	0.00026	-169.71	-84.85	0.00024
-176.78	-77.78	0.00022	-183.85	-70.71	0.00020
-190.92	-63.64	0.00018	-197.99	-56.57	0.00017
-63.64	-205.06	0.00038	-70.71	-197.99	0.00039
-77.78	-190.92	0.00040	-84.85	-183.85	0.00041
-91.92	-176.78	0.00041	-98.99	-169.71	0.00040
-106.07	-162.63	0.00038	-113.14	-155.56	0.00036
-116.67	-152.03	0.00035	-120.21	-148.49	0.00033
-122.33	-146.37	0.00032	-123.74	-144.96	0.00031
-125.16	-143.54	0.00029	-126.57	-142.13	0.00028
-127.99	-140.71	0.00026	-140.71	-127.99	0.00025
-142.13	-126.57	0.00026	-143.54	-125.16	0.00026
-144.96	-123.74	0.00027	-146.37	-122.33	0.00027
-148.49	-120.21	0.00027	-152.03	-116.67	0.00026
-155.56	-113.14	0.00025	-162.63	-106.07	0.00023
-169.71	-98.99	0.00022	-176.78	-91.92	0.00021
-183.85	-84.85	0.00019	-190.92	-77.78	0.00018
-197.99	-70.71	0.00017	-205.06	-63.64	0.00015
-70.71	-212.13	0.00033	-77.78	-205.06	0.00034
-84.85	-197.99	0.00034	-91.92	-190.92	0.00034
-98.99	-183.85	0.00034	-106.07	-176.78	0.00032
-113.14	-169.71	0.00031	-120.21	-162.63	0.00030
-123.74	-159.10	0.00029	-127.28	-155.56	0.00027

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

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

20:17:05
 **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	0.00026	-130.81	-152.03	0.00025
-132.23	-150.61	0.00024	-133.64	-149.20	0.00023
-135.06	-147.79	0.00022	-147.79	-135.06	0.00021
-149.20	-133.64	0.00021	-150.61	-132.23	0.00022
-152.03	-130.81	0.00022	-153.44	-129.40	0.00023
-155.56	-127.28	0.00023	-159.10	-123.74	0.00023

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-120.21	0.00022	-169.71	-113.14	0.00020
-176.78	-106.07	0.00019	-183.85	-98.99	0.00018
-190.92	-91.92	0.00017	-197.99	-84.85	0.00016
-205.06	-77.78	0.00015	-212.13	-70.71	0.00014
-77.78	-219.20	0.00029	-84.85	-212.13	0.00029
-91.92	-205.06	0.00029	-98.99	-197.99	0.00029
-106.07	-190.92	0.00028	-113.14	-183.85	0.00027
-120.21	-176.78	0.00026	-127.28	-169.71	0.00025
-130.81	-166.17	0.00024	-134.35	-162.63	0.00023
-136.47	-160.51	0.00022	-137.89	-159.10	0.00021
-139.30	-157.68	0.00020	-140.71	-156.27	0.00019
-142.13	-154.86	0.00018	-154.86	-142.13	0.00018
-156.27	-140.71	0.00018	-157.68	-139.30	0.00019
-159.10	-137.89	0.00019	-160.51	-136.47	0.00019
-162.63	-134.35	0.00020	-166.17	-130.81	0.00020
-169.71	-127.28	0.00019	-176.78	-120.21	0.00018
-183.85	-113.14	0.00016	-190.92	-106.07	0.00016
-197.99	-98.99	0.00015	-205.06	-91.92	0.00014
-212.13	-84.85	0.00014	-219.20	-77.78	0.00013
-84.85	-226.27	0.00025	-91.92	-219.20	0.00025
-98.99	-212.13	0.00025	-106.07	-205.06	0.00024
-113.14	-197.99	0.00023	-120.21	-190.92	0.00022
-127.28	-183.85	0.00022	-134.35	-176.78	0.00022
-137.89	-173.24	0.00021	-141.42	-169.71	0.00019
-143.54	-167.58	0.00018	-144.96	-166.17	0.00017
-146.37	-164.76	0.00017	-147.79	-163.34	0.00016
-149.20	-161.93	0.00015	-161.93	-149.20	0.00015
-163.34	-147.79	0.00015	-164.76	-146.37	0.00016
-166.17	-144.96	0.00016	-167.58	-143.54	0.00016
-169.71	-141.42	0.00017	-173.24	-137.89	0.00017
-176.78	-134.35	0.00017	-183.85	-127.28	0.00016
-190.92	-120.21	0.00015	-197.99	-113.14	0.00014
-205.06	-106.07	0.00013	-212.13	-98.99	0.00013
-219.20	-91.92	0.00012	-226.27	-84.85	0.00012

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

20:17:05
 **MODELOPTs:
 PAGE 61
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-233.35	0.00022	-98.99	-226.27	0.00022
-106.07	-219.20	0.00021	-113.14	-212.13	0.00020
-120.21	-205.06	0.00020	-127.28	-197.99	0.00019
-134.35	-190.92	0.00019	-141.42	-183.85	0.00019
-144.96	-180.31	0.00018	-148.49	-176.78	0.00016
-150.61	-174.66	0.00015	-152.03	-173.24	0.00015
-153.44	-171.83	0.00014	-154.86	-170.41	0.00014
-156.27	-169.00	0.00013	-169.00	-156.27	0.00013
-170.41	-154.86	0.00013	-171.83	-153.44	0.00014
-173.24	-152.03	0.00014	-174.66	-150.61	0.00014
-176.78	-148.49	0.00015	-180.31	-144.96	0.00015
-183.85	-141.42	0.00015	-190.92	-134.35	0.00014
-197.99	-127.28	0.00013	-205.06	-120.21	0.00012
-212.13	-113.14	0.00012	-219.20	-106.07	0.00011
-226.27	-98.99	0.00011	-233.35	-91.92	0.00011
-98.99	-240.42	0.00019	-106.07	-233.35	0.00019
-113.14	-226.27	0.00018	-120.21	-219.20	0.00018
-127.28	-212.13	0.00017	-134.35	-205.06	0.00017
-141.42	-197.99	0.00017	-148.49	-190.92	0.00016
-152.03	-187.38	0.00015	-155.56	-183.85	0.00014
-157.68	-181.73	0.00013	-159.10	-180.31	0.00013
-160.51	-178.90	0.00012	-161.93	-177.48	0.00012
-163.34	-176.07	0.00012	-176.07	-163.34	0.00011
-177.48	-161.93	0.00012	-178.90	-160.51	0.00012
-180.31	-159.10	0.00012	-181.73	-157.68	0.00012
-183.85	-155.56	0.00013	-187.38	-152.03	0.00013
-190.92	-148.49	0.00013	-197.99	-141.42	0.00013
-205.06	-134.35	0.00012	-212.13	-127.28	0.00011
-219.20	-120.21	0.00011	-226.27	-113.14	0.00010
-233.35	-106.07	0.00010	-240.42	-98.99	0.00010
-106.07	-247.49	0.00017	-113.14	-240.42	0.00016
-120.21	-233.35	0.00016	-127.28	-226.27	0.00015
-134.35	-219.20	0.00015	-141.42	-212.13	0.00015
-148.49	-205.06	0.00015	-155.56	-197.99	0.00014
-159.10	-194.45	0.00013	-162.63	-190.92	0.00012
-164.76	-188.80	0.00011	-166.17	-187.38	0.00011
-167.58	-185.97	0.00011	-169.00	-184.55	0.00010
-170.41	-183.14	0.00010	-183.14	-170.41	0.00010
-184.55	-169.00	0.00010	-185.97	-167.58	0.00010
-187.38	-166.17	0.00011	-188.80	-164.76	0.00011

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

*** NCRA Cumulative DPM Impacts

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

20:17:05

**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	0.00011	-194.45	-159.10	0.00012	
-197.99	-155.56	0.00012	-205.06	-148.49	0.00012	
-212.13	-141.42	0.00011	-219.20	-134.35	0.00010	
-226.27	-127.28	0.00010	-233.35	-120.21	0.00009	
-240.42	-113.14	0.00009	-247.49	-106.07	0.00009	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:17:05
 **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	0.00020	240.42	113.14	0.00020	
233.35	120.21	0.00021	226.27	127.28	0.00022	
219.20	134.35	0.00023	212.13	141.42	0.00024	
205.06	148.49	0.00025	197.99	155.56	0.00025	
194.45	159.10	0.00026	190.92	162.63	0.00026	
188.80	164.76	0.00026	187.38	166.17	0.00026	
185.97	167.58	0.00026	184.55	169.00	0.00026	
183.14	170.41	0.00026	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	0.00026	
155.56	197.99	0.00026	148.49	205.06	0.00026	
141.42	212.13	0.00026	134.35	219.20	0.00026	
127.28	226.27	0.00026	120.21	233.35	0.00026	
113.14	240.42	0.00026	106.07	247.49	0.00027	
240.42	98.99	0.00021	233.35	106.07	0.00022	
226.27	113.14	0.00023	219.20	120.21	0.00024	
212.13	127.28	0.00025	205.06	134.35	0.00026	
197.99	141.42	0.00027	190.92	148.49	0.00027	
187.38	152.03	0.00028	183.85	155.56	0.00028	
181.73	157.68	0.00028	180.31	159.10	0.00028	
178.90	160.51	0.00028	177.48	161.93	0.00028	
176.07	163.34	0.00028	163.34	176.07	0.00028	

16NCRA_SR01-300_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	0.00028
155.56	183.85	0.00028	152.03	187.38	0.00028
148.49	190.92	0.00028	141.42	197.99	0.00028
134.35	205.06	0.00028	127.28	212.13	0.00028
120.21	219.20	0.00028	113.14	226.27	0.00029
106.07	233.35	0.00029	98.99	240.42	0.00029
233.35	91.92	0.00022	226.27	98.99	0.00023
219.20	106.07	0.00024	212.13	113.14	0.00025
205.06	120.21	0.00026	197.99	127.28	0.00028
190.92	134.35	0.00029	183.85	141.42	0.00030
180.31	144.96	0.00030	176.78	148.49	0.00030
174.66	150.61	0.00030	173.24	152.03	0.00030
171.83	153.44	0.00030	170.41	154.86	0.00030
169.00	156.27	0.00030	156.27	169.00	0.00030
154.86	170.41	0.00030	153.44	171.83	0.00030
152.03	173.24	0.00030	150.61	174.66	0.00030

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

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

20:17:05

**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	0.00030	144.96	180.31	0.00030
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	0.00024	219.20	91.92	0.00025
212.13	98.99	0.00026	205.06	106.07	0.00027
197.99	113.14	0.00028	190.92	120.21	0.00030
183.85	127.28	0.00031	176.78	134.35	0.00032
173.24	137.89	0.00033	169.71	141.42	0.00033
167.58	143.54	0.00033	166.17	144.96	0.00033
164.76	146.37	0.00033	163.34	147.79	0.00033
161.93	149.20	0.00033	149.20	161.93	0.00033
147.79	163.34	0.00033	146.37	164.76	0.00033
144.96	166.17	0.00033	143.54	167.58	0.00033
141.42	169.71	0.00033	137.89	173.24	0.00033
134.35	176.78	0.00033	127.28	183.85	0.00033

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

120.21	190.92	0.00034	113.14	197.99	0.00034
106.07	205.06	0.00034	99.00	212.13	0.00034
91.92	219.20	0.00034	84.85	226.27	0.00034
219.20	77.78	0.00025	212.13	84.85	0.00027
205.06	91.92	0.00028	197.99	98.99	0.00029
190.92	106.07	0.00031	183.85	113.14	0.00032
176.78	120.21	0.00034	169.71	127.28	0.00035
166.17	130.81	0.00035	162.63	134.35	0.00036
160.51	136.47	0.00036	159.10	137.89	0.00036
157.68	139.30	0.00036	156.27	140.71	0.00036
154.86	142.13	0.00036	142.13	154.86	0.00036
140.71	156.27	0.00036	139.30	157.68	0.00036
137.89	159.10	0.00036	136.47	160.51	0.00036
134.35	162.63	0.00036	130.81	166.17	0.00036
127.28	169.71	0.00036	120.21	176.78	0.00037
113.14	183.85	0.00037	106.07	190.92	0.00037
99.00	197.99	0.00037	91.92	205.06	0.00037
84.85	212.13	0.00037	77.78	219.20	0.00038
212.13	70.71	0.00027	205.06	77.78	0.00029
197.99	84.85	0.00030	190.92	91.92	0.00031
183.85	98.99	0.00033	176.78	106.07	0.00035
169.71	113.14	0.00037	162.63	120.21	0.00038
159.10	123.74	0.00039	155.56	127.28	0.00039

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

20:17:05
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00039	152.03	130.81	0.00040
150.61	132.23	0.00040	149.20	133.64	0.00040
147.79	135.06	0.00040	135.06	147.79	0.00040
133.64	149.20	0.00040	132.23	150.61	0.00040
130.81	152.03	0.00040	129.40	153.44	0.00040
127.28	155.56	0.00040	123.74	159.10	0.00040
120.21	162.63	0.00040	113.14	169.71	0.00040
106.07	176.78	0.00040	98.99	183.85	0.00040
91.92	190.92	0.00041	84.85	197.99	0.00041
77.78	205.06	0.00041	70.71	212.13	0.00041
205.06	63.64	0.00029	197.99	70.71	0.00031

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

190.92	77.78	0.00032	183.85	84.85	0.00034
176.78	91.92	0.00036	169.71	98.99	0.00038
162.63	106.07	0.00040	155.56	113.14	0.00042
152.03	116.67	0.00043	148.49	120.21	0.00043
146.37	122.33	0.00043	144.96	123.74	0.00044
143.54	125.16	0.00044	142.13	126.57	0.00044
140.71	127.99	0.00044	127.99	140.71	0.00044
126.57	142.13	0.00044	125.16	143.54	0.00044
123.74	144.96	0.00044	122.33	146.37	0.00044
120.21	148.49	0.00044	116.67	152.03	0.00044
113.14	155.56	0.00044	106.07	162.63	0.00044
98.99	169.71	0.00045	91.92	176.78	0.00045
84.85	183.85	0.00045	77.78	190.92	0.00045
70.71	197.99	0.00046	63.64	205.06	0.00046
197.99	56.57	0.00031	190.92	63.64	0.00033
183.85	70.71	0.00035	176.78	77.78	0.00037
169.71	84.85	0.00039	162.63	91.92	0.00041
155.56	98.99	0.00044	148.49	106.07	0.00046
144.96	109.60	0.00047	141.42	113.14	0.00048
139.30	115.26	0.00048	137.89	116.67	0.00048
136.47	118.09	0.00048	135.06	119.50	0.00048
133.64	120.92	0.00049	120.92	133.64	0.00049
119.50	135.06	0.00049	118.09	136.47	0.00049
116.67	137.89	0.00049	115.26	139.30	0.00049
113.14	141.42	0.00049	109.60	144.96	0.00049
106.07	148.49	0.00049	98.99	155.56	0.00049
91.92	162.63	0.00049	84.85	169.71	0.00050
77.78	176.78	0.00050	70.71	183.85	0.00050
63.64	190.92	0.00051	56.57	197.99	0.00051

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

20:17:05
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	49.50	0.00034	183.85	56.57	0.00036
176.78	63.64	0.00038	169.71	70.71	0.00040
162.63	77.78	0.00042	155.56	84.85	0.00045
148.49	91.92	0.00048	141.42	98.99	0.00051
137.89	102.53	0.00052	134.35	106.07	0.00053

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

132.23	108.19	0.00053	130.81	109.60	0.00054
129.40	111.02	0.00054	127.99	112.43	0.00054
126.57	113.84	0.00054	113.84	126.57	0.00054
112.43	127.99	0.00054	111.02	129.40	0.00054
109.60	130.81	0.00054	108.19	132.23	0.00054
106.07	134.35	0.00055	102.53	137.89	0.00055
98.99	141.42	0.00055	91.92	148.49	0.00055
84.85	155.56	0.00055	77.78	162.63	0.00056
70.71	169.71	0.00056	63.64	176.78	0.00056
56.57	183.85	0.00057	49.50	190.92	0.00057
183.85	42.43	0.00036	176.78	49.50	0.00039
169.71	56.57	0.00041	162.63	63.64	0.00044
155.56	70.71	0.00046	148.49	77.78	0.00049
141.42	84.85	0.00053	134.35	91.92	0.00056
130.81	95.46	0.00058	127.28	98.99	0.00059
125.16	101.12	0.00060	123.74	102.53	0.00060
122.33	103.94	0.00060	120.92	105.36	0.00061
119.50	106.77	0.00061	106.77	119.50	0.00061
105.36	120.92	0.00061	103.94	122.33	0.00061
102.53	123.74	0.00061	101.12	125.16	0.00061
98.99	127.28	0.00061	95.46	130.81	0.00062
91.92	134.35	0.00062	84.85	141.42	0.00062
77.78	148.49	0.00062	70.71	155.56	0.00063
63.64	162.63	0.00063	56.57	169.71	0.00064
49.50	176.78	0.00064	42.43	183.85	0.00064
176.78	35.36	0.00039	169.71	42.43	0.00042
162.63	49.50	0.00045	155.56	56.57	0.00048
148.49	63.64	0.00051	141.42	70.71	0.00055
134.35	77.78	0.00058	127.28	84.85	0.00063
123.74	88.39	0.00065	120.21	91.92	0.00066
118.09	94.05	0.00067	116.67	95.46	0.00068
115.26	96.87	0.00068	113.84	98.29	0.00068
112.43	99.70	0.00069	99.70	112.43	0.00069
98.29	113.84	0.00069	96.87	115.26	0.00069
95.46	116.67	0.00069	94.05	118.09	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:17:05
 **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 **

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00069	88.39	123.74	0.00070
84.85	127.28	0.00070	77.78	134.35	0.00070
70.71	141.42	0.00071	63.64	148.49	0.00071
56.57	155.56	0.00072	49.50	162.63	0.00073
42.43	169.71	0.00073	35.36	176.78	0.00072
169.71	28.28	0.00042	162.63	35.36	0.00045
155.56	42.43	0.00049	148.49	49.50	0.00052
141.42	56.57	0.00056	134.35	63.64	0.00060
127.28	70.71	0.00065	120.21	77.78	0.00070
116.67	81.32	0.00073	113.14	84.85	0.00075
111.02	86.97	0.00076	109.60	88.39	0.00077
108.19	89.80	0.00077	106.77	91.22	0.00078
105.36	92.63	0.00078	92.63	105.36	0.00079
91.22	106.77	0.00079	89.80	108.19	0.00079
88.39	109.60	0.00079	86.97	111.02	0.00079
84.85	113.14	0.00079	81.32	116.67	0.00080
77.78	120.21	0.00080	70.71	127.28	0.00081
63.64	134.35	0.00081	56.57	141.42	0.00082
49.50	148.49	0.00083	42.43	155.56	0.00083
35.36	162.63	0.00083	28.28	169.71	0.00082
162.63	21.21	0.00045	155.56	28.28	0.00049
148.49	35.36	0.00053	141.42	42.43	0.00058
134.35	49.50	0.00062	127.28	56.57	0.00067
120.21	63.64	0.00073	113.14	70.71	0.00079
109.60	74.25	0.00082	106.07	77.78	0.00085
103.94	79.90	0.00087	102.53	81.32	0.00088
101.12	82.73	0.00089	99.70	84.15	0.00089
98.29	85.56	0.00090	85.56	98.29	0.00091
84.15	99.70	0.00091	82.73	101.12	0.00091
81.32	102.53	0.00091	79.90	103.94	0.00092
77.78	106.07	0.00092	74.25	109.60	0.00092
70.71	113.14	0.00093	63.64	120.21	0.00093
56.57	127.28	0.00094	49.50	134.35	0.00095
42.43	141.42	0.00096	35.36	148.49	0.00096
28.28	155.56	0.00095	21.21	162.63	0.00094
155.56	14.14	0.00048	148.49	21.21	0.00053
141.42	28.28	0.00058	134.35	35.36	0.00063
127.28	42.43	0.00069	120.21	49.50	0.00075
113.14	56.57	0.00082	106.07	63.64	0.00090
102.53	67.18	0.00094	98.99	70.71	0.00098

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

*** NCRA Cumulative DPM Impacts

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

20:17:05

**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	0.00100	95.46	74.25	0.00101
94.05	75.66	0.00102	92.63	77.07	0.00103
91.22	78.49	0.00104	78.49	91.22	0.00106
77.07	92.63	0.00106	75.66	94.05	0.00106
74.25	95.46	0.00107	72.83	96.87	0.00107
70.71	98.99	0.00107	67.18	102.53	0.00108
63.64	106.07	0.00108	56.57	113.14	0.00110
49.50	120.21	0.00111	42.43	127.28	0.00112
35.36	134.35	0.00113	28.28	141.42	0.00112
21.21	148.49	0.00110	14.14	155.56	0.00106
148.49	7.07	0.00052	141.42	14.14	0.00057
134.35	21.21	0.00063	127.28	28.28	0.00070
120.21	35.36	0.00077	113.14	42.43	0.00085
106.07	49.50	0.00093	98.99	56.57	0.00102
95.46	60.10	0.00107	91.92	63.64	0.00113
89.80	65.76	0.00116	88.39	67.18	0.00118
86.97	68.59	0.00119	85.56	70.00	0.00121
84.15	71.42	0.00122	71.42	84.15	0.00125
70.00	85.56	0.00126	68.59	86.97	0.00126
67.18	88.39	0.00126	65.76	89.80	0.00127
63.64	91.92	0.00127	60.10	95.46	0.00128
56.57	98.99	0.00129	49.50	106.07	0.00131
42.43	113.14	0.00133	35.36	120.21	0.00134
28.28	127.28	0.00133	21.21	134.35	0.00130
14.14	141.42	0.00126	7.07	148.49	0.00120
141.42	0.00	0.00056	134.35	7.07	0.00062
127.28	14.14	0.00068	120.21	21.21	0.00076
113.14	28.28	0.00085	106.07	35.36	0.00095
98.99	42.43	0.00106	91.92	49.50	0.00117
88.39	53.03	0.00124	84.85	56.57	0.00131
82.73	58.69	0.00135	81.32	60.10	0.00138
79.90	61.52	0.00140	78.49	62.93	0.00143
77.07	64.35	0.00145	64.35	77.07	0.00150
62.93	78.49	0.00151	61.52	79.90	0.00151
60.10	81.32	0.00152	58.69	82.73	0.00152
56.57	84.85	0.00153	53.03	88.39	0.00154
49.50	91.92	0.00156	42.43	98.99	0.00159

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	106.07	0.00161	28.28	113.14	0.00161
21.21	120.21	0.00158	14.14	127.28	0.00151
7.07	134.35	0.00143	0.00	141.42	0.00133

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

20:17:05
 **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	0.00061	127.28	0.00	0.00068
120.21	7.07	0.00075	113.14	14.14	0.00084
106.07	21.21	0.00094	98.99	28.28	0.00107
91.92	35.36	0.00120	84.85	42.43	0.00136
81.32	45.96	0.00144	77.78	49.50	0.00153
75.66	51.62	0.00159	74.25	53.03	0.00163
72.83	54.45	0.00167	71.42	55.86	0.00170
70.00	57.28	0.00173	57.28	70.00	0.00184
55.86	71.42	0.00184	54.45	72.83	0.00185
53.03	74.25	0.00186	51.62	75.66	0.00187
49.50	77.78	0.00188	45.96	81.32	0.00190
42.43	84.85	0.00193	35.36	91.92	0.00198
28.28	98.99	0.00199	21.21	106.07	0.00195
14.14	113.14	0.00185	7.07	120.21	0.00173
0.00	127.28	0.00160	-7.07	134.35	0.00146
127.28	-14.14	0.00066	120.21	-7.07	0.00074
113.14	0.00	0.00083	106.07	7.07	0.00093
98.99	14.14	0.00105	91.92	21.21	0.00119
84.85	28.28	0.00137	77.78	35.36	0.00157
74.25	38.89	0.00168	70.71	42.43	0.00180
68.59	44.55	0.00188	67.18	45.96	0.00194
65.76	47.38	0.00199	64.35	48.79	0.00205
62.93	50.20	0.00210	50.20	62.93	0.00229
48.79	64.35	0.00231	47.38	65.76	0.00232
45.96	67.18	0.00233	44.55	68.59	0.00235
42.43	70.71	0.00238	38.89	74.25	0.00243
35.36	77.78	0.00247	28.28	84.85	0.00251
21.21	91.92	0.00245	14.14	98.99	0.00231
7.07	106.07	0.00214	0.00	113.14	0.00195
-7.07	120.21	0.00176	-14.14	127.28	0.00158
120.21	-21.21	0.00073	113.14	-14.14	0.00081

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

106.07	-7.07	0.00092	98.99	0.00	0.00104
91.92	7.07	0.00118	84.85	14.14	0.00135
77.78	21.21	0.00155	70.71	28.28	0.00180
67.18	31.82	0.00196	63.64	35.36	0.00213
61.52	37.48	0.00224	60.10	38.89	0.00232
58.69	40.31	0.00240	57.28	41.72	0.00248
55.86	43.13	0.00257	43.13	55.86	0.00296
41.72	57.28	0.00298	40.31	58.69	0.00301
38.89	60.10	0.00305	37.48	61.52	0.00308

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

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

20:17:05

**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	0.00314	31.82	67.18	0.00322
28.28	70.71	0.00326	21.21	77.78	0.00318
14.14	84.85	0.00296	7.07	91.92	0.00269
0.00	98.99	0.00241	-7.07	106.07	0.00215
-14.14	113.14	0.00190	-21.21	120.21	0.00168
113.14	-28.28	0.00080	106.07	-21.21	0.00090
98.99	-14.14	0.00102	91.92	-7.07	0.00116
84.85	0.00	0.00133	77.78	7.07	0.00153
70.71	14.14	0.00178	63.64	21.21	0.00207
60.10	24.75	0.00226	56.57	28.28	0.00248
54.45	30.41	0.00264	53.03	31.82	0.00276
51.62	33.23	0.00289	50.20	34.65	0.00302
48.79	36.06	0.00316	36.06	48.79	0.00402
34.65	50.20	0.00409	33.23	51.62	0.00417
31.82	53.03	0.00424	30.41	54.45	0.00429
28.28	56.57	0.00434	24.75	60.10	0.00433
21.21	63.64	0.00422	14.14	70.71	0.00386
7.07	77.78	0.00344	0.00	84.85	0.00303
-7.07	91.92	0.00265	-14.14	98.99	0.00231
-21.21	106.07	0.00201	-28.28	113.14	0.00175
106.07	-35.36	0.00088	98.99	-28.28	0.00100
91.92	-21.21	0.00114	84.85	-14.14	0.00131
77.78	-7.07	0.00152	70.71	0.00	0.00177
63.64	7.07	0.00206	56.57	14.14	0.00243
53.03	17.68	0.00266	49.50	21.21	0.00293

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

47.38	23.33	0.00312	45.96	24.75	0.00328
44.55	26.16	0.00345	43.13	27.58	0.00366
41.72	28.99	0.00390	28.99	41.72	0.00601
27.58	43.13	0.00603	26.16	44.55	0.00599
24.75	45.96	0.00593	23.33	47.38	0.00585
21.21	49.50	0.00571	17.68	53.03	0.00542
14.14	56.57	0.00510	7.07	63.64	0.00444
0.00	70.71	0.00382	-7.07	77.78	0.00327
-14.14	84.85	0.00280	-21.21	91.92	0.00240
-28.28	98.99	0.00206	-35.36	106.07	0.00177
98.99	-42.43	0.00096	91.92	-35.36	0.00110
84.85	-28.28	0.00126	77.78	-21.21	0.00146
70.71	-14.14	0.00171	63.64	-7.07	0.00202
56.57	0.00	0.00240	49.50	7.07	0.00287
45.96	10.61	0.00317	42.43	14.14	0.00353

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

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

20:17:05

**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	0.00380	38.89	17.68	0.00401
37.48	19.09	0.00425	36.06	20.51	0.00455
34.65	21.92	0.00492	21.92	34.65	0.00733
20.51	36.06	0.00711	19.09	37.48	0.00692
17.68	38.89	0.00676	16.26	40.31	0.00659
14.14	42.43	0.00635	10.61	45.96	0.00593
7.07	49.50	0.00550	0.00	56.57	0.00470
-7.07	63.64	0.00398	-14.14	70.71	0.00336
-21.21	77.78	0.00283	-28.28	84.85	0.00239
-35.36	91.92	0.00203	-42.43	98.99	0.00172
91.92	-49.50	0.00104	84.85	-42.43	0.00119
77.78	-35.36	0.00137	70.71	-28.28	0.00160
63.64	-21.21	0.00188	56.57	-14.14	0.00223
49.50	-7.07	0.00266	42.43	0.00	0.00318
38.89	3.54	0.00349	35.36	7.07	0.00386
33.23	9.19	0.00412	31.82	10.61	0.00432
30.41	12.02	0.00455	28.99	13.44	0.00482
27.58	14.85	0.00517	14.85	27.58	0.00733
13.44	28.99	0.00710	12.02	30.41	0.00691

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

10.61	31.82	0.00674	9.19	33.23	0.00658
7.07	35.36	0.00633	3.54	38.89	0.00592
0.00	42.43	0.00550	-7.07	49.50	0.00469
-14.14	56.57	0.00394	-21.21	63.64	0.00329
-28.28	70.71	0.00275	-35.36	77.78	0.00230
-42.43	84.85	0.00193	-49.50	91.92	0.00163
84.85	-56.57	0.00109	77.78	-49.50	0.00126
70.71	-42.43	0.00145	63.64	-35.36	0.00169
56.57	-28.28	0.00199	49.50	-21.21	0.00235
42.43	-14.14	0.00278	35.36	-7.07	0.00329
31.82	-3.54	0.00358	28.28	0.00	0.00393
26.16	2.12	0.00417	24.75	3.54	0.00435
23.33	4.95	0.00456	21.92	6.36	0.00480
20.51	7.78	0.00512	7.78	20.51	0.00720
6.36	21.92	0.00698	4.95	23.33	0.00679
3.54	24.75	0.00662	2.12	26.16	0.00645
0.00	28.28	0.00620	-3.54	31.82	0.00577
-7.07	35.36	0.00534	-14.14	42.43	0.00451
-21.21	49.50	0.00376	-28.28	56.57	0.00311
-35.36	63.64	0.00257	-42.43	70.71	0.00213
-49.50	77.78	0.00178	-56.57	84.85	0.00150

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

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00112	70.71	-56.57	0.00129
63.64	-49.50	0.00149	56.57	-42.43	0.00174
49.50	-35.36	0.00203	42.43	-28.28	0.00238
35.36	-21.21	0.00279	28.28	-14.14	0.00328
24.75	-10.61	0.00355	21.21	-7.07	0.00386
19.09	-4.95	0.00407	17.68	-3.54	0.00423
16.26	-2.12	0.00442	14.85	-0.71	0.00465
13.44	0.71	0.00495	0.71	13.44	0.00699
-0.71	14.85	0.00675	-2.12	16.26	0.00656
-3.54	17.68	0.00638	-4.95	19.09	0.00621
-7.07	21.21	0.00596	-10.61	24.75	0.00553
-14.14	28.28	0.00509	-21.21	35.36	0.00423
-28.28	42.43	0.00347	-35.36	49.50	0.00283

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	56.57	0.00231	-49.50	63.64	0.00191
-56.57	70.71	0.00159	-63.64	77.78	0.00134
70.71	-70.71	0.00113	63.64	-63.64	0.00129
56.57	-56.57	0.00149	49.50	-49.50	0.00173
42.43	-42.43	0.00201	35.36	-35.36	0.00234
28.28	-28.28	0.00272	21.21	-21.21	0.00317
17.68	-17.68	0.00341	14.14	-14.14	0.00368
12.02	-12.02	0.00387	10.61	-10.61	0.00401
9.19	-9.19	0.00419	7.78	-7.78	0.00440
6.36	-6.36	0.00468	-6.36	6.36	0.00665
-7.78	7.78	0.00642	-9.19	9.19	0.00622
-10.61	10.61	0.00604	-12.02	12.02	0.00586
-14.14	14.14	0.00560	-17.68	17.68	0.00516
-21.21	21.21	0.00470	-28.28	28.28	0.00383
-35.36	35.36	0.00306	-42.43	42.43	0.00246
-49.50	49.50	0.00199	-56.57	56.57	0.00164
-63.64	63.64	0.00137	-70.71	70.71	0.00116
63.64	-77.78	0.00111	56.57	-70.71	0.00127
49.50	-63.64	0.00146	42.43	-56.57	0.00168
35.36	-49.50	0.00195	28.28	-42.43	0.00226
21.21	-35.36	0.00260	14.14	-28.28	0.00298
10.61	-24.75	0.00318	7.07	-21.21	0.00341
4.95	-19.09	0.00358	3.54	-17.68	0.00370
2.12	-16.26	0.00386	0.71	-14.85	0.00404
-0.71	-13.44	0.00429	-13.44	-0.71	0.00617
-14.85	0.71	0.00593	-16.26	2.12	0.00573
-17.68	3.54	0.00553	-19.09	4.95	0.00535

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

20:17:05
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00507	-24.75	10.61	0.00460
-28.28	14.14	0.00413	-35.36	21.21	0.00325
-42.43	28.28	0.00256	-49.50	35.36	0.00203
-56.57	42.43	0.00165	-63.64	49.50	0.00136
-70.71	56.57	0.00114	-77.78	63.64	0.00097
56.57	-84.85	0.00106	49.50	-77.78	0.00121
42.43	-70.71	0.00138	35.36	-63.64	0.00159

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-56.57	0.00183	21.21	-49.50	0.00211
14.14	-42.43	0.00242	7.07	-35.36	0.00272
3.54	-31.82	0.00288	0.00	-28.28	0.00306
-2.12	-26.16	0.00319	-3.54	-24.75	0.00330
-4.95	-23.33	0.00342	-6.36	-21.92	0.00357
-7.78	-20.51	0.00377	-20.51	-7.78	0.00545
-21.92	-6.36	0.00520	-23.33	-4.95	0.00498
-24.75	-3.54	0.00477	-26.16	-2.12	0.00456
-28.28	0.00	0.00426	-31.82	3.54	0.00375
-35.36	7.07	0.00328	-42.43	14.14	0.00253
-49.50	21.21	0.00199	-56.57	28.28	0.00159
-63.64	35.36	0.00130	-70.71	42.43	0.00108
-77.78	49.50	0.00091	-84.85	56.57	0.00078
49.50	-91.92	0.00099	42.43	-84.85	0.00112
35.36	-77.78	0.00128	28.28	-70.71	0.00146
21.21	-63.64	0.00167	14.14	-56.57	0.00191
7.07	-49.50	0.00216	0.00	-42.43	0.00240
-3.54	-38.89	0.00253	-7.07	-35.36	0.00265
-9.19	-33.23	0.00273	-10.61	-31.82	0.00279
-12.02	-30.41	0.00287	-13.44	-28.99	0.00296
-14.85	-27.58	0.00311	-27.58	-14.85	0.00431
-28.99	-13.44	0.00402	-30.41	-12.02	0.00375
-31.82	-10.61	0.00351	-33.23	-9.19	0.00328
-35.36	-7.07	0.00297	-38.89	-3.54	0.00256
-42.43	0.00	0.00223	-49.50	7.07	0.00175
-56.57	14.14	0.00141	-63.64	21.21	0.00115
-70.71	28.28	0.00096	-77.78	35.36	0.00081
-84.85	42.43	0.00070	-91.92	49.50	0.00061
42.43	-98.99	0.00090	35.36	-91.92	0.00101
28.28	-84.85	0.00114	21.21	-77.78	0.00129
14.14	-70.71	0.00146	7.07	-63.64	0.00164
0.00	-56.57	0.00181	-7.07	-49.50	0.00198
-10.61	-45.96	0.00205	-14.14	-42.43	0.00212

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	0.00215	-17.68	-38.89	0.00218

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-19.09	-37.48	0.00220	-20.51	-36.06	0.00224
-21.92	-34.65	0.00229	-34.65	-21.92	0.00222
-36.06	-20.51	0.00198	-37.48	-19.09	0.00181
-38.89	-17.68	0.00170	-40.31	-16.26	0.00161
-42.43	-14.14	0.00150	-45.96	-10.61	0.00135
-49.50	-7.07	0.00124	-56.57	0.00	0.00105
-63.64	7.07	0.00091	-70.71	14.14	0.00078
-77.78	21.21	0.00068	-84.85	28.28	0.00059
-91.92	35.36	0.00052	-98.99	42.43	0.00046
35.36	-106.07	0.00080	28.28	-98.99	0.00089
21.21	-91.92	0.00098	14.14	-84.85	0.00109
7.07	-77.78	0.00121	0.00	-70.71	0.00131
-7.07	-63.64	0.00140	-14.14	-56.57	0.00144
-17.68	-53.03	0.00143	-21.21	-49.50	0.00140
-23.33	-47.38	0.00136	-24.75	-45.96	0.00132
-26.16	-44.55	0.00127	-27.58	-43.13	0.00121
-28.99	-41.72	0.00114	-41.72	-28.99	0.00075
-43.13	-27.58	0.00074	-44.55	-26.16	0.00074
-45.96	-24.75	0.00073	-47.38	-23.33	0.00073
-49.50	-21.21	0.00072	-53.03	-17.68	0.00070
-56.57	-14.14	0.00068	-63.64	-7.07	0.00064
-70.71	0.00	0.00059	-77.78	7.07	0.00054
-84.85	14.14	0.00049	-91.92	21.21	0.00044
-98.99	28.28	0.00039	-106.07	35.36	0.00036
28.28	-113.14	0.00070	21.21	-106.07	0.00076
14.14	-98.99	0.00083	7.07	-91.92	0.00090
0.00	-84.85	0.00096	-7.07	-77.78	0.00101
-14.14	-70.71	0.00103	-21.21	-63.64	0.00101
-24.75	-60.10	0.00098	-28.28	-56.57	0.00093
-30.41	-54.45	0.00088	-31.82	-53.03	0.00085
-33.23	-51.62	0.00080	-34.65	-50.20	0.00076
-36.06	-48.79	0.00071	-48.79	-36.06	0.00056
-50.20	-34.65	0.00056	-51.62	-33.23	0.00056
-53.03	-31.82	0.00056	-54.45	-30.41	0.00056
-56.57	-28.28	0.00055	-60.10	-24.75	0.00052
-63.64	-21.21	0.00050	-70.71	-14.14	0.00046
-77.78	-7.07	0.00043	-84.85	0.00	0.00040
-91.92	7.07	0.00037	-98.99	14.14	0.00034
-106.07	21.21	0.00031	-113.14	28.28	0.00028

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

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

20:17:05
 **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	0.00060	14.14	-113.14	0.00064
7.07	-106.07	0.00069	0.00	-98.99	0.00073
-7.07	-91.92	0.00076	-14.14	-84.85	0.00078
-21.21	-77.78	0.00077	-28.28	-70.71	0.00075
-31.82	-67.18	0.00071	-35.36	-63.64	0.00067
-37.48	-61.52	0.00063	-38.89	-60.10	0.00061
-40.31	-58.69	0.00058	-41.72	-57.28	0.00056
-43.13	-55.86	0.00052	-55.86	-43.13	0.00045
-57.28	-41.72	0.00046	-58.69	-40.31	0.00046
-60.10	-38.89	0.00045	-61.52	-37.48	0.00045
-63.64	-35.36	0.00044	-67.18	-31.82	0.00043
-70.71	-28.28	0.00041	-77.78	-21.21	0.00038
-84.85	-14.14	0.00034	-91.92	-7.07	0.00031
-98.99	0.00	0.00029	-106.07	7.07	0.00027
-113.14	14.14	0.00025	-120.21	21.21	0.00023
14.14	-127.28	0.00051	7.07	-120.21	0.00054
0.00	-113.14	0.00057	-7.07	-106.07	0.00059
-14.14	-98.99	0.00061	-21.21	-91.92	0.00061
-28.28	-84.85	0.00060	-35.36	-77.78	0.00057
-38.89	-74.25	0.00054	-42.43	-70.71	0.00051
-44.55	-68.59	0.00049	-45.96	-67.18	0.00047
-47.38	-65.76	0.00045	-48.79	-64.35	0.00043
-50.20	-62.93	0.00041	-62.93	-50.20	0.00037
-64.35	-48.79	0.00037	-65.76	-47.38	0.00038
-67.18	-45.96	0.00038	-68.59	-44.55	0.00037
-70.71	-42.43	0.00037	-74.25	-38.89	0.00035
-77.78	-35.36	0.00034	-84.85	-28.28	0.00032
-91.92	-21.21	0.00030	-98.99	-14.14	0.00027
-106.07	-7.07	0.00024	-113.14	0.00	0.00023
-120.21	7.07	0.00021	-127.28	14.14	0.00019
7.07	-134.35	0.00044	0.00	-127.28	0.00046
-7.07	-120.21	0.00048	-14.14	-113.14	0.00049
-21.21	-106.07	0.00049	-28.28	-98.99	0.00049
-35.36	-91.92	0.00047	-42.43	-84.85	0.00044
-45.96	-81.32	0.00042	-49.50	-77.78	0.00041
-51.62	-75.66	0.00039	-53.03	-74.25	0.00038
-54.45	-72.83	0.00036	-55.86	-71.42	0.00034
-57.28	-70.00	0.00032	-70.00	-57.28	0.00030
-71.42	-55.86	0.00031	-72.83	-54.45	0.00031

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-74.25 -53.03 0.00032 -75.66 -51.62 0.00032

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

20:17:05

**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_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00031	-81.32	-45.96	0.00030
-84.85	-42.43	0.00029	-91.92	-35.36	0.00027
-98.99	-28.28	0.00026	-106.07	-21.21	0.00024
-113.14	-14.14	0.00022	-120.21	-7.07	0.00020
-127.28	0.00	0.00018	-134.35	7.07	0.00017
0.00	-141.42	0.00038	-7.07	-134.35	0.00039
-14.14	-127.28	0.00040	-21.21	-120.21	0.00041
-28.28	-113.14	0.00041	-35.36	-106.07	0.00040
-42.43	-98.99	0.00038	-49.50	-91.92	0.00036
-53.03	-88.39	0.00035	-56.57	-84.85	0.00033
-58.69	-82.73	0.00032	-60.10	-81.32	0.00031
-61.52	-79.90	0.00029	-62.93	-78.49	0.00028
-64.35	-77.07	0.00026	-77.07	-64.35	0.00025
-78.49	-62.93	0.00026	-79.90	-61.52	0.00026
-81.32	-60.10	0.00027	-82.73	-58.69	0.00027
-84.85	-56.57	0.00027	-88.39	-53.03	0.00026
-91.92	-49.50	0.00025	-98.99	-42.43	0.00023
-106.07	-35.36	0.00022	-113.14	-28.28	0.00021
-120.21	-21.21	0.00019	-127.28	-14.14	0.00018
-134.35	-7.07	0.00017	-141.42	0.00	0.00015
-7.07	-148.49	0.00033	-14.14	-141.42	0.00034
-21.21	-134.35	0.00034	-28.28	-127.28	0.00034
-35.36	-120.21	0.00034	-42.43	-113.14	0.00032
-49.50	-106.07	0.00031	-56.57	-98.99	0.00030
-60.10	-95.46	0.00029	-63.64	-91.92	0.00027
-65.76	-89.80	0.00026	-67.18	-88.39	0.00025
-68.59	-86.97	0.00024	-70.00	-85.56	0.00023
-71.42	-84.15	0.00022	-84.15	-71.42	0.00021
-85.56	-70.00	0.00021	-86.97	-68.59	0.00022
-88.39	-67.18	0.00022	-89.80	-65.76	0.00023
-91.92	-63.64	0.00023	-95.46	-60.10	0.00023
-98.99	-56.57	0.00022	-106.07	-49.50	0.00020
-113.14	-42.43	0.00019	-120.21	-35.36	0.00018

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-28.28	0.00017	-134.35	-21.21	0.00016
-141.42	-14.14	0.00015	-148.49	-7.07	0.00014
-14.14	-155.56	0.00029	-21.21	-148.49	0.00029
-28.28	-141.42	0.00029	-35.36	-134.35	0.00029
-42.43	-127.28	0.00028	-49.50	-120.21	0.00027
-56.57	-113.14	0.00026	-63.64	-106.07	0.00025
-67.18	-102.53	0.00024	-70.71	-98.99	0.00023

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

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

20:17:05

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00019	-42.43	-169.71	0.00019
-49.50	-162.63	0.00018	-56.57	-155.56	0.00018
-63.64	-148.49	0.00017	-70.71	-141.42	0.00017
-77.78	-134.35	0.00017	-84.85	-127.28	0.00016
-88.39	-123.74	0.00015	-91.92	-120.21	0.00014
-94.05	-118.09	0.00013	-95.46	-116.67	0.00013
-96.87	-115.26	0.00012	-98.29	-113.84	0.00012
-99.70	-112.43	0.00012	-112.43	-99.70	0.00011
-113.84	-98.29	0.00012	-115.26	-96.87	0.00012
-116.67	-95.46	0.00012	-118.09	-94.05	0.00012
-120.21	-91.92	0.00013	-123.74	-88.39	0.00013
-127.28	-84.85	0.00013	-134.35	-77.78	0.00013
-141.42	-70.71	0.00012	-148.49	-63.64	0.00011
-155.56	-56.57	0.00011	-162.63	-49.50	0.00010
-169.71	-42.43	0.00010	-176.78	-35.36	0.00010
-42.43	-183.85	0.00017	-49.50	-176.78	0.00016
-56.57	-169.71	0.00016	-63.64	-162.63	0.00015
-70.71	-155.56	0.00015	-77.78	-148.49	0.00015
-84.85	-141.42	0.00015	-91.92	-134.35	0.00014
-95.46	-130.81	0.00013	-98.99	-127.28	0.00012
-101.12	-125.16	0.00011	-102.53	-123.74	0.00011

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-141.42	-113.14	0.00009	-144.96	-109.60	0.00009
-148.49	-106.07	0.00009	-155.56	-98.99	0.00009
-162.63	-91.92	0.00009	-169.71	-84.85	0.00009
-176.78	-77.78	0.00008	-183.85	-70.71	0.00008
-190.92	-63.64	0.00007	-197.99	-56.57	0.00007
-63.64	-205.06	0.00011	-70.71	-197.99	0.00011
-77.78	-190.92	0.00011	-84.85	-183.85	0.00011
-91.92	-176.78	0.00011	-98.99	-169.71	0.00011
-106.07	-162.63	0.00010	-113.14	-155.56	0.00010
-116.67	-152.03	0.00009	-120.21	-148.49	0.00008
-122.33	-146.37	0.00008	-123.74	-144.96	0.00008
-125.16	-143.54	0.00008	-126.57	-142.13	0.00007
-127.99	-140.71	0.00007	-140.71	-127.99	0.00007
-142.13	-126.57	0.00007	-143.54	-125.16	0.00007
-144.96	-123.74	0.00008	-146.37	-122.33	0.00008
-148.49	-120.21	0.00008	-152.03	-116.67	0.00008
-155.56	-113.14	0.00008	-162.63	-106.07	0.00009
-169.71	-98.99	0.00008	-176.78	-91.92	0.00008
-183.85	-84.85	0.00008	-190.92	-77.78	0.00007
-197.99	-70.71	0.00007	-205.06	-63.64	0.00006
-70.71	-212.13	0.00010	-77.78	-205.06	0.00010
-84.85	-197.99	0.00010	-91.92	-190.92	0.00010
-98.99	-183.85	0.00010	-106.07	-176.78	0.00010
-113.14	-169.71	0.00009	-120.21	-162.63	0.00008
-123.74	-159.10	0.00008	-127.28	-155.56	0.00007

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

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 **MODELOPTs:
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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	0.00007	-130.81	-152.03	0.00007
-132.23	-150.61	0.00007	-133.64	-149.20	0.00007
-135.06	-147.79	0.00007	-147.79	-135.06	0.00006
-149.20	-133.64	0.00007	-150.61	-132.23	0.00007
-152.03	-130.81	0.00007	-153.44	-129.40	0.00007
-155.56	-127.28	0.00007	-159.10	-123.74	0.00007
-162.63	-120.21	0.00008	-169.71	-113.14	0.00008
-176.78	-106.07	0.00008	-183.85	-98.99	0.00007
-190.92	-91.92	0.00007	-197.99	-84.85	0.00007

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-77.78	0.00006	-212.13	-70.71	0.00006
-77.78	-219.20	0.00009	-84.85	-212.13	0.00009
-91.92	-205.06	0.00009	-98.99	-197.99	0.00009
-106.07	-190.92	0.00009	-113.14	-183.85	0.00009
-120.21	-176.78	0.00008	-127.28	-169.71	0.00008
-130.81	-166.17	0.00007	-134.35	-162.63	0.00007
-136.47	-160.51	0.00006	-137.89	-159.10	0.00006
-139.30	-157.68	0.00006	-140.71	-156.27	0.00006
-142.13	-154.86	0.00006	-154.86	-142.13	0.00006
-156.27	-140.71	0.00006	-157.68	-139.30	0.00006
-159.10	-137.89	0.00006	-160.51	-136.47	0.00006
-162.63	-134.35	0.00006	-166.17	-130.81	0.00007
-169.71	-127.28	0.00007	-176.78	-120.21	0.00007
-183.85	-113.14	0.00007	-190.92	-106.07	0.00007
-197.99	-98.99	0.00006	-205.06	-91.92	0.00006
-212.13	-84.85	0.00006	-219.20	-77.78	0.00006
-84.85	-226.27	0.00008	-91.92	-219.20	0.00008
-98.99	-212.13	0.00008	-106.07	-205.06	0.00008
-113.14	-197.99	0.00008	-120.21	-190.92	0.00008
-127.28	-183.85	0.00008	-134.35	-176.78	0.00007
-137.89	-173.24	0.00006	-141.42	-169.71	0.00006
-143.54	-167.58	0.00006	-144.96	-166.17	0.00006
-146.37	-164.76	0.00006	-147.79	-163.34	0.00005
-149.20	-161.93	0.00005	-161.93	-149.20	0.00005
-163.34	-147.79	0.00005	-164.76	-146.37	0.00006
-166.17	-144.96	0.00006	-167.58	-143.54	0.00006
-169.71	-141.42	0.00006	-173.24	-137.89	0.00006
-176.78	-134.35	0.00006	-183.85	-127.28	0.00007
-190.92	-120.21	0.00007	-197.99	-113.14	0.00006
-205.06	-106.07	0.00006	-212.13	-98.99	0.00006
-219.20	-91.92	0.00005	-226.27	-84.85	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_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-134.35	-190.92	0.00007	-141.42	-183.85	0.00006
-144.96	-180.31	0.00006	-148.49	-176.78	0.00006
-150.61	-174.66	0.00005	-152.03	-173.24	0.00005
-153.44	-171.83	0.00005	-154.86	-170.41	0.00005
-156.27	-169.00	0.00005	-169.00	-156.27	0.00005
-170.41	-154.86	0.00005	-171.83	-153.44	0.00005
-173.24	-152.03	0.00005	-174.66	-150.61	0.00005
-176.78	-148.49	0.00005	-180.31	-144.96	0.00006
-183.85	-141.42	0.00006	-190.92	-134.35	0.00006
-197.99	-127.28	0.00006	-205.06	-120.21	0.00006
-212.13	-113.14	0.00006	-219.20	-106.07	0.00005
-226.27	-98.99	0.00005	-233.35	-91.92	0.00005
-98.99	-240.42	0.00007	-106.07	-233.35	0.00007
-113.14	-226.27	0.00007	-120.21	-219.20	0.00007
-127.28	-212.13	0.00007	-134.35	-205.06	0.00007
-141.42	-197.99	0.00006	-148.49	-190.92	0.00006
-152.03	-187.38	0.00005	-155.56	-183.85	0.00005
-157.68	-181.73	0.00005	-159.10	-180.31	0.00005
-160.51	-178.90	0.00005	-161.93	-177.48	0.00005
-163.34	-176.07	0.00005	-176.07	-163.34	0.00005
-177.48	-161.93	0.00005	-178.90	-160.51	0.00005
-180.31	-159.10	0.00005	-181.73	-157.68	0.00005
-183.85	-155.56	0.00005	-187.38	-152.03	0.00005
-190.92	-148.49	0.00005	-197.99	-141.42	0.00006
-205.06	-134.35	0.00006	-212.13	-127.28	0.00006
-219.20	-120.21	0.00005	-226.27	-113.14	0.00005
-233.35	-106.07	0.00005	-240.42	-98.99	0.00005
-106.07	-247.49	0.00007	-113.14	-240.42	0.00007
-120.21	-233.35	0.00007	-127.28	-226.27	0.00007
-134.35	-219.20	0.00007	-141.42	-212.13	0.00006
-148.49	-205.06	0.00006	-155.56	-197.99	0.00005
-159.10	-194.45	0.00005	-162.63	-190.92	0.00005
-164.76	-188.80	0.00004	-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 ***

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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 ,

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW_Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-162.63	0.00005	-194.45	-159.10	0.00005
-197.99	-155.56	0.00005	-205.06	-148.49	0.00005
-212.13	-141.42	0.00005	-219.20	-134.35	0.00005
-226.27	-127.28	0.00005	-233.35	-120.21	0.00005
-240.42	-113.14	0.00005	-247.49	-106.07	0.00004

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
247.49	106.07	0.00036	240.42	113.14	0.00039
233.35	120.21	0.00041	226.27	127.28	0.00044
219.20	134.35	0.00046	212.13	141.42	0.00049
205.06	148.49	0.00053	197.99	155.56	0.00056
194.45	159.10	0.00058	190.92	162.63	0.00059
188.80	164.76	0.00060	187.38	166.17	0.00060
185.97	167.58	0.00060	184.55	169.00	0.00061
183.14	170.41	0.00061	170.41	183.14	0.00061
169.00	184.55	0.00061	167.58	185.97	0.00061
166.17	187.38	0.00061	164.76	188.80	0.00061
162.63	190.92	0.00061	159.10	194.45	0.00062
155.56	197.99	0.00062	148.49	205.06	0.00062
141.42	212.13	0.00062	134.35	219.20	0.00063
127.28	226.27	0.00063	120.21	233.35	0.00064
113.14	240.42	0.00064	106.07	247.49	0.00064
240.42	98.99	0.00039	233.35	106.07	0.00042
226.27	113.14	0.00045	219.20	120.21	0.00048
212.13	127.28	0.00051	205.06	134.35	0.00055
197.99	141.42	0.00058	190.92	148.49	0.00063
187.38	152.03	0.00065	183.85	155.56	0.00066
181.73	157.68	0.00067	180.31	159.10	0.00068
178.90	160.51	0.00068	177.48	161.93	0.00068
176.07	163.34	0.00069	163.34	176.07	0.00069
161.93	177.48	0.00069	160.51	178.90	0.00069
159.10	180.31	0.00069	157.68	181.73	0.00069
155.56	183.85	0.00069	152.03	187.38	0.00070

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

148.49	190.92	0.00070	141.42	197.99	0.00070
134.35	205.06	0.00071	127.28	212.13	0.00071
120.21	219.20	0.00072	113.14	226.27	0.00073
106.07	233.35	0.00073	98.99	240.42	0.00072
233.35	91.92	0.00042	226.27	98.99	0.00045
219.20	106.07	0.00049	212.13	113.14	0.00052
205.06	120.21	0.00056	197.99	127.28	0.00060
190.92	134.35	0.00065	183.85	141.42	0.00070
180.31	144.96	0.00073	176.78	148.49	0.00075
174.66	150.61	0.00076	173.24	152.03	0.00077
171.83	153.44	0.00077	170.41	154.86	0.00078
169.00	156.27	0.00078	156.27	169.00	0.00079
154.86	170.41	0.00079	153.44	171.83	0.00079
152.03	173.24	0.00079	150.61	174.66	0.00079

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

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

20:17:05

**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	0.00079	144.96	180.31	0.00080
141.42	183.85	0.00080	134.35	190.92	0.00081
127.28	197.99	0.00081	120.21	205.06	0.00082
113.14	212.13	0.00083	106.07	219.20	0.00083
99.00	226.27	0.00083	91.92	233.35	0.00082
226.27	84.85	0.00045	219.20	91.92	0.00049
212.13	98.99	0.00053	205.06	106.07	0.00058
197.99	113.14	0.00062	190.92	120.21	0.00067
183.85	127.28	0.00073	176.78	134.35	0.00079
173.24	137.89	0.00082	169.71	141.42	0.00085
167.58	143.54	0.00087	166.17	144.96	0.00088
164.76	146.37	0.00089	163.34	147.79	0.00089
161.93	149.20	0.00090	149.20	161.93	0.00091
147.79	163.34	0.00091	146.37	164.76	0.00091
144.96	166.17	0.00091	143.54	167.58	0.00092
141.42	169.71	0.00092	137.89	173.24	0.00092
134.35	176.78	0.00093	127.28	183.85	0.00093
120.21	190.92	0.00094	113.14	197.99	0.00095
106.07	205.06	0.00096	99.00	212.13	0.00096
91.92	219.20	0.00095	84.85	226.27	0.00094

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

219.20	77.78	0.00048	212.13	84.85	0.00053
205.06	91.92	0.00058	197.99	98.99	0.00063
190.92	106.07	0.00069	183.85	113.14	0.00075
176.78	120.21	0.00082	169.71	127.28	0.00090
166.17	130.81	0.00094	162.63	134.35	0.00098
160.51	136.47	0.00100	159.10	137.89	0.00101
157.68	139.30	0.00102	156.27	140.71	0.00103
154.86	142.13	0.00104	142.13	154.86	0.00106
140.71	156.27	0.00106	139.30	157.68	0.00106
137.89	159.10	0.00107	136.47	160.51	0.00107
134.35	162.63	0.00107	130.81	166.17	0.00108
127.28	169.71	0.00108	120.21	176.78	0.00110
113.14	183.85	0.00111	106.07	190.92	0.00112
99.00	197.99	0.00113	91.92	205.06	0.00112
84.85	212.13	0.00110	77.78	219.20	0.00106
212.13	70.71	0.00052	205.06	77.78	0.00057
197.99	84.85	0.00063	190.92	91.92	0.00070
183.85	98.99	0.00077	176.78	106.07	0.00085
169.71	113.14	0.00093	162.63	120.21	0.00102
159.10	123.74	0.00107	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 ***

20:17:05
 **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	0.00116	152.03	130.81	0.00118
150.61	132.23	0.00119	149.20	133.64	0.00121
147.79	135.06	0.00122	135.06	147.79	0.00125
133.64	149.20	0.00126	132.23	150.61	0.00126
130.81	152.03	0.00126	129.40	153.44	0.00127
127.28	155.56	0.00127	123.74	159.10	0.00128
120.21	162.63	0.00129	113.14	169.71	0.00131
106.07	176.78	0.00133	98.99	183.85	0.00134
91.92	190.92	0.00133	84.85	197.99	0.00130
77.78	205.06	0.00126	70.71	212.13	0.00120
205.06	63.64	0.00056	197.99	70.71	0.00062
190.92	77.78	0.00068	183.85	84.85	0.00076
176.78	91.92	0.00085	169.71	98.99	0.00095
162.63	106.07	0.00106	155.56	113.14	0.00117

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

152.03	116.67	0.00124	148.49	120.21	0.00131
146.37	122.33	0.00135	144.96	123.74	0.00138
143.54	125.16	0.00140	142.13	126.57	0.00143
140.71	127.99	0.00145	127.99	140.71	0.00150
126.57	142.13	0.00151	125.16	143.54	0.00151
123.74	144.96	0.00152	122.33	146.37	0.00152
120.21	148.49	0.00153	116.67	152.03	0.00154
113.14	155.56	0.00156	106.07	162.63	0.00159
98.99	169.71	0.00161	91.92	176.78	0.00161
84.85	183.85	0.00158	77.78	190.92	0.00151
70.71	197.99	0.00143	63.64	205.06	0.00133
197.99	56.57	0.00061	190.92	63.64	0.00068
183.85	70.71	0.00075	176.78	77.78	0.00084
169.71	84.85	0.00094	162.63	91.92	0.00107
155.56	98.99	0.00120	148.49	106.07	0.00136
144.96	109.60	0.00144	141.42	113.14	0.00153
139.30	115.26	0.00159	137.89	116.67	0.00163
136.47	118.09	0.00167	135.06	119.50	0.00170
133.64	120.92	0.00173	120.92	133.64	0.00184
119.50	135.06	0.00184	118.09	136.47	0.00185
116.67	137.89	0.00186	115.26	139.30	0.00187
113.14	141.42	0.00188	109.60	144.96	0.00190
106.07	148.49	0.00193	98.99	155.56	0.00198
91.92	162.63	0.00199	84.85	169.71	0.00195
77.78	176.78	0.00185	70.71	183.85	0.00173
63.64	190.92	0.00160	56.57	197.99	0.00146

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

20:17:05
 **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	0.00066	183.85	56.57	0.00074
176.78	63.64	0.00083	169.71	70.71	0.00093
162.63	77.78	0.00105	155.56	84.85	0.00119
148.49	91.92	0.00137	141.42	98.99	0.00157
137.89	102.53	0.00168	134.35	106.07	0.00180
132.23	108.19	0.00188	130.81	109.60	0.00194
129.40	111.02	0.00199	127.99	112.43	0.00205
126.57	113.84	0.00210	113.84	126.57	0.00229

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

112.43	127.99	0.00231	111.02	129.40	0.00232
109.60	130.81	0.00233	108.19	132.23	0.00235
106.07	134.35	0.00238	102.53	137.89	0.00243
98.99	141.42	0.00247	91.92	148.49	0.00251
84.85	155.56	0.00245	77.78	162.63	0.00231
70.71	169.71	0.00214	63.64	176.78	0.00195
56.57	183.85	0.00176	49.50	190.92	0.00158
183.85	42.43	0.00073	176.78	49.50	0.00081
169.71	56.57	0.00092	162.63	63.64	0.00104
155.56	70.71	0.00118	148.49	77.78	0.00135
141.42	84.85	0.00155	134.35	91.92	0.00180
130.81	95.46	0.00196	127.28	98.99	0.00213
125.16	101.12	0.00224	123.74	102.53	0.00232
122.33	103.94	0.00240	120.92	105.36	0.00248
119.50	106.77	0.00257	106.77	119.50	0.00296
105.36	120.92	0.00298	103.94	122.33	0.00302
102.53	123.74	0.00305	101.12	125.16	0.00308
98.99	127.28	0.00314	95.46	130.81	0.00322
91.92	134.35	0.00326	84.85	141.42	0.00318
77.78	148.49	0.00296	70.71	155.56	0.00269
63.64	162.63	0.00241	56.57	169.71	0.00215
49.50	176.78	0.00190	42.43	183.85	0.00168
176.78	35.36	0.00080	169.71	42.43	0.00090
162.63	49.50	0.00102	155.56	56.57	0.00116
148.49	63.64	0.00133	141.42	70.71	0.00153
134.35	77.78	0.00178	127.28	84.85	0.00207
123.74	88.39	0.00226	120.21	91.92	0.00248
118.09	94.05	0.00264	116.67	95.46	0.00276
115.26	96.87	0.00289	113.84	98.29	0.00302
112.43	99.70	0.00316	99.70	112.43	0.00402
98.29	113.84	0.00409	96.87	115.26	0.00417
95.46	116.67	0.00424	94.05	118.09	0.00429

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

20:17:05
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00434	88.39	123.74	0.00433
84.85	127.28	0.00422	77.78	134.35	0.00386

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

70.71	141.42	0.00344	63.64	148.49	0.00303
56.57	155.56	0.00265	49.50	162.63	0.00231
42.43	169.71	0.00201	35.36	176.78	0.00175
169.71	28.28	0.00088	162.63	35.36	0.00100
155.56	42.43	0.00114	148.49	49.50	0.00131
141.42	56.57	0.00152	134.35	63.64	0.00177
127.28	70.71	0.00206	120.21	77.78	0.00243
116.67	81.32	0.00266	113.14	84.85	0.00293
111.02	86.97	0.00312	109.60	88.39	0.00328
108.19	89.80	0.00345	106.77	91.22	0.00366
105.36	92.63	0.00390	92.63	105.36	0.00601
91.22	106.77	0.00603	89.80	108.19	0.00599
88.39	109.60	0.00593	86.97	111.02	0.00585
84.85	113.14	0.00571	81.32	116.67	0.00542
77.78	120.21	0.00510	70.71	127.28	0.00444
63.64	134.35	0.00382	56.57	141.42	0.00327
49.50	148.49	0.00280	42.43	155.56	0.00240
35.36	162.63	0.00206	28.28	169.71	0.00177
162.63	21.21	0.00096	155.56	28.28	0.00110
148.49	35.36	0.00126	141.42	42.43	0.00146
134.35	49.50	0.00171	127.28	56.57	0.00202
120.21	63.64	0.00240	113.14	70.71	0.00287
109.60	74.25	0.00317	106.07	77.78	0.00353
103.94	79.90	0.00380	102.53	81.32	0.00401
101.12	82.73	0.00425	99.70	84.15	0.00455
98.29	85.56	0.00492	85.56	98.29	0.00733
84.15	99.70	0.00711	82.73	101.12	0.00692
81.32	102.53	0.00676	79.90	103.94	0.00659
77.78	106.07	0.00635	74.25	109.60	0.00593
70.71	113.14	0.00550	63.64	120.21	0.00470
56.57	127.28	0.00398	49.50	134.35	0.00336
42.43	141.42	0.00283	35.36	148.49	0.00239
28.28	155.56	0.00203	21.21	162.63	0.00172
155.56	14.14	0.00104	148.49	21.21	0.00119
141.42	28.28	0.00137	134.35	35.36	0.00160
127.28	42.43	0.00188	120.21	49.50	0.00223
113.14	56.57	0.00266	106.07	63.64	0.00318
102.53	67.18	0.00349	98.99	70.71	0.00386

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

16NCRA_SR01-300_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	0.00412	95.46	74.25	0.00432
94.05	75.66	0.00455	92.63	77.07	0.00482
91.22	78.49	0.00517	78.49	91.22	0.00733
77.07	92.63	0.00710	75.66	94.05	0.00691
74.25	95.46	0.00674	72.83	96.87	0.00658
70.71	98.99	0.00634	67.18	102.53	0.00592
63.64	106.07	0.00550	56.57	113.14	0.00469
49.50	120.21	0.00394	42.43	127.28	0.00329
35.36	134.35	0.00275	28.28	141.42	0.00230
21.21	148.49	0.00193	14.14	155.56	0.00163
148.49	7.07	0.00109	141.42	14.14	0.00126
134.35	21.21	0.00145	127.28	28.28	0.00169
120.21	35.36	0.00199	113.14	42.43	0.00235
106.07	49.50	0.00278	98.99	56.57	0.00329
95.46	60.10	0.00358	91.92	63.64	0.00393
89.80	65.76	0.00417	88.39	67.18	0.00435
86.97	68.59	0.00456	85.56	70.00	0.00480
84.15	71.42	0.00512	71.42	84.15	0.00720
70.00	85.56	0.00698	68.59	86.97	0.00679
67.18	88.39	0.00662	65.76	89.80	0.00645
63.64	91.92	0.00620	60.10	95.46	0.00577
56.57	98.99	0.00534	49.50	106.07	0.00451
42.43	113.14	0.00376	35.36	120.21	0.00311
28.28	127.28	0.00257	21.21	134.35	0.00213
14.14	141.42	0.00178	7.07	148.49	0.00150
141.42	0.00	0.00112	134.35	7.07	0.00129
127.28	14.14	0.00149	120.21	21.21	0.00174
113.14	28.28	0.00203	106.07	35.36	0.00238
98.99	42.43	0.00279	91.92	49.50	0.00328
88.39	53.03	0.00355	84.85	56.57	0.00386
82.73	58.69	0.00407	81.32	60.10	0.00423
79.90	61.52	0.00442	78.49	62.93	0.00465
77.07	64.35	0.00495	64.35	77.07	0.00699
62.93	78.49	0.00675	61.52	79.90	0.00656
60.10	81.32	0.00638	58.69	82.73	0.00621
56.57	84.85	0.00596	53.03	88.39	0.00553
49.50	91.92	0.00509	42.43	98.99	0.00423
35.36	106.07	0.00347	28.28	113.14	0.00283
21.21	120.21	0.00231	14.14	127.28	0.00191
7.07	134.35	0.00159	0.00	141.42	0.00134

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

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

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

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00113	127.28	0.00	0.00129
120.21	7.07	0.00149	113.14	14.14	0.00173
106.07	21.21	0.00201	98.99	28.28	0.00234
91.92	35.36	0.00272	84.85	42.43	0.00317
81.32	45.96	0.00341	77.78	49.50	0.00368
75.66	51.62	0.00387	74.25	53.03	0.00401
72.83	54.45	0.00419	71.42	55.86	0.00440
70.00	57.28	0.00468	57.28	70.00	0.00665
55.86	71.42	0.00642	54.45	72.83	0.00622
53.03	74.25	0.00604	51.62	75.66	0.00586
49.50	77.78	0.00560	45.96	81.32	0.00516
42.43	84.85	0.00470	35.36	91.92	0.00383
28.28	98.99	0.00306	21.21	106.07	0.00246
14.14	113.14	0.00199	7.07	120.21	0.00164
0.00	127.28	0.00137	-7.07	134.35	0.00116
127.28	-14.14	0.00111	120.21	-7.07	0.00127
113.14	0.00	0.00146	106.07	7.07	0.00168
98.99	14.14	0.00195	91.92	21.21	0.00226
84.85	28.28	0.00260	77.78	35.36	0.00298
74.25	38.89	0.00318	70.71	42.43	0.00341
68.59	44.55	0.00358	67.18	45.96	0.00370
65.76	47.38	0.00386	64.35	48.79	0.00404
62.93	50.20	0.00429	50.20	62.93	0.00617
48.79	64.35	0.00593	47.38	65.76	0.00573
45.96	67.18	0.00553	44.55	68.59	0.00535
42.43	70.71	0.00507	38.89	74.25	0.00460
35.36	77.78	0.00413	28.28	84.85	0.00325
21.21	91.92	0.00256	14.14	98.99	0.00203
7.07	106.07	0.00165	0.00	113.14	0.00136
-7.07	120.21	0.00114	-14.14	127.28	0.00097
120.21	-21.21	0.00106	113.14	-14.14	0.00121
106.07	-7.07	0.00138	98.99	0.00	0.00159
91.92	7.07	0.00183	84.85	14.14	0.00211
77.78	21.21	0.00242	70.71	28.28	0.00272

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

67.18	31.82	0.00288	63.64	35.36	0.00306
61.52	37.48	0.00319	60.10	38.89	0.00330
58.69	40.31	0.00342	57.28	41.72	0.00357
55.86	43.13	0.00377	43.13	55.86	0.00545
41.72	57.28	0.00520	40.31	58.69	0.00498
38.89	60.10	0.00477	37.48	61.52	0.00456

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

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

20:17:05

**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	0.00426	31.82	67.18	0.00375
28.28	70.71	0.00328	21.21	77.78	0.00253
14.14	84.85	0.00199	7.07	91.92	0.00159
0.00	98.99	0.00130	-7.07	106.07	0.00108
-14.14	113.14	0.00091	-21.21	120.21	0.00078
113.14	-28.28	0.00099	106.07	-21.21	0.00112
98.99	-14.14	0.00128	91.92	-7.07	0.00146
84.85	0.00	0.00167	77.78	7.07	0.00191
70.71	14.14	0.00216	63.64	21.21	0.00240
60.10	24.75	0.00253	56.57	28.28	0.00265
54.45	30.41	0.00273	53.03	31.82	0.00279
51.62	33.23	0.00287	50.20	34.65	0.00296
48.79	36.06	0.00311	36.06	48.79	0.00431
34.65	50.20	0.00402	33.23	51.62	0.00375
31.82	53.03	0.00351	30.41	54.45	0.00328
28.28	56.57	0.00297	24.75	60.10	0.00256
21.21	63.64	0.00223	14.14	70.71	0.00175
7.07	77.78	0.00141	0.00	84.85	0.00115
-7.07	91.92	0.00096	-14.14	98.99	0.00081
-21.21	106.07	0.00070	-28.28	113.14	0.00061
106.07	-35.36	0.00090	98.99	-28.28	0.00101
91.92	-21.21	0.00114	84.85	-14.14	0.00129
77.78	-7.07	0.00146	70.71	0.00	0.00164
63.64	7.07	0.00181	56.57	14.14	0.00198
53.03	17.68	0.00205	49.50	21.21	0.00212
47.38	23.33	0.00215	45.96	24.75	0.00218
44.55	26.16	0.00220	43.13	27.58	0.00224
41.72	28.99	0.00229	28.99	41.72	0.00222

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

27.58	43.13	0.00198	26.16	44.55	0.00181
24.75	45.96	0.00170	23.33	47.38	0.00161
21.21	49.50	0.00150	17.68	53.03	0.00135
14.14	56.57	0.00124	7.07	63.64	0.00105
0.00	70.71	0.00091	-7.07	77.78	0.00078
-14.14	84.85	0.00068	-21.21	91.92	0.00059
-28.28	98.99	0.00052	-35.36	106.07	0.00046
98.99	-42.43	0.00080	91.92	-35.36	0.00089
84.85	-28.28	0.00098	77.78	-21.21	0.00109
70.71	-14.14	0.00121	63.64	-7.07	0.00131
56.57	0.00	0.00140	49.50	7.07	0.00144
45.96	10.61	0.00143	42.43	14.14	0.00140

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

20:17:05
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00136	38.89	17.68	0.00132
37.48	19.09	0.00127	36.06	20.51	0.00121
34.65	21.92	0.00114	21.92	34.65	0.00075
20.51	36.06	0.00074	19.09	37.48	0.00074
17.68	38.89	0.00073	16.26	40.31	0.00073
14.14	42.43	0.00072	10.61	45.96	0.00070
7.07	49.50	0.00068	0.00	56.57	0.00064
-7.07	63.64	0.00059	-14.14	70.71	0.00054
-21.21	77.78	0.00049	-28.28	84.85	0.00044
-35.36	91.92	0.00039	-42.43	98.99	0.00036
91.92	-49.50	0.00070	84.85	-42.43	0.00076
77.78	-35.36	0.00083	70.71	-28.28	0.00090
63.64	-21.21	0.00096	56.57	-14.14	0.00101
49.50	-7.07	0.00103	42.43	0.00	0.00101
38.89	3.54	0.00098	35.36	7.07	0.00093
33.23	9.19	0.00088	31.82	10.61	0.00085
30.41	12.02	0.00080	28.99	13.44	0.00076
27.58	14.85	0.00071	14.85	27.58	0.00056
13.44	28.99	0.00056	12.02	30.41	0.00056
10.61	31.82	0.00056	9.19	33.23	0.00056
7.07	35.36	0.00055	3.54	38.89	0.00052
0.00	42.43	0.00050	-7.07	49.50	0.00046

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	56.57	0.00043	-21.21	63.64	0.00040
-28.28	70.71	0.00037	-35.36	77.78	0.00034
-42.43	84.85	0.00031	-49.50	91.92	0.00028
84.85	-56.57	0.00060	77.78	-49.50	0.00064
70.71	-42.43	0.00069	63.64	-35.36	0.00073
56.57	-28.28	0.00076	49.50	-21.21	0.00078
42.43	-14.14	0.00077	35.36	-7.07	0.00075
31.82	-3.54	0.00071	28.28	0.00	0.00067
26.16	2.12	0.00063	24.75	3.54	0.00061
23.33	4.95	0.00058	21.92	6.36	0.00056
20.51	7.78	0.00052	7.78	20.51	0.00045
6.36	21.92	0.00046	4.95	23.33	0.00046
3.54	24.75	0.00045	2.12	26.16	0.00045
0.00	28.28	0.00044	-3.54	31.82	0.00043
-7.07	35.36	0.00041	-14.14	42.43	0.00038
-21.21	49.50	0.00034	-28.28	56.57	0.00031
-35.36	63.64	0.00029	-42.43	70.71	0.00027
-49.50	77.78	0.00025	-56.57	84.85	0.00023

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

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00051	70.71	-56.57	0.00054
63.64	-49.50	0.00057	56.57	-42.43	0.00059
49.50	-35.36	0.00061	42.43	-28.28	0.00061
35.36	-21.21	0.00060	28.28	-14.14	0.00057
24.75	-10.61	0.00054	21.21	-7.07	0.00051
19.09	-4.95	0.00049	17.68	-3.54	0.00047
16.26	-2.12	0.00045	14.85	-0.71	0.00043
13.44	0.71	0.00041	0.71	13.44	0.00037
-0.71	14.85	0.00037	-2.12	16.26	0.00038
-3.54	17.68	0.00038	-4.95	19.09	0.00037
-7.07	21.21	0.00037	-10.61	24.75	0.00035
-14.14	28.28	0.00034	-21.21	35.36	0.00032
-28.28	42.43	0.00030	-35.36	49.50	0.00027
-42.43	56.57	0.00024	-49.50	63.64	0.00023
-56.57	70.71	0.00021	-63.64	77.78	0.00019
70.71	-70.71	0.00044	63.64	-63.64	0.00046

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

56.57	-56.57	0.00048	49.50	-49.50	0.00049
42.43	-42.43	0.00049	35.36	-35.36	0.00049
28.28	-28.28	0.00047	21.21	-21.21	0.00044
17.68	-17.68	0.00042	14.14	-14.14	0.00041
12.02	-12.02	0.00039	10.61	-10.61	0.00038
9.19	-9.19	0.00036	7.78	-7.78	0.00034
6.36	-6.36	0.00032	-6.36	6.36	0.00030
-7.78	7.78	0.00031	-9.19	9.19	0.00031
-10.61	10.61	0.00032	-12.02	12.02	0.00032
-14.14	14.14	0.00031	-17.68	17.68	0.00030
-21.21	21.21	0.00029	-28.28	28.28	0.00027
-35.36	35.36	0.00026	-42.43	42.43	0.00024
-49.50	49.50	0.00022	-56.57	56.57	0.00020
-63.64	63.64	0.00018	-70.71	70.71	0.00017
63.64	-77.78	0.00038	56.57	-70.71	0.00039
49.50	-63.64	0.00040	42.43	-56.57	0.00041
35.36	-49.50	0.00041	28.28	-42.43	0.00040
21.21	-35.36	0.00038	14.14	-28.28	0.00036
10.61	-24.75	0.00035	7.07	-21.21	0.00033
4.95	-19.09	0.00032	3.54	-17.68	0.00031
2.12	-16.26	0.00029	0.71	-14.85	0.00028
-0.71	-13.44	0.00026	-13.44	-0.71	0.00025
-14.85	0.71	0.00026	-16.26	2.12	0.00026
-17.68	3.54	0.00027	-19.09	4.95	0.00027

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

20:17:05
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00027	-24.75	10.61	0.00026
-28.28	14.14	0.00025	-35.36	21.21	0.00023
-42.43	28.28	0.00022	-49.50	35.36	0.00021
-56.57	42.43	0.00019	-63.64	49.50	0.00018
-70.71	56.57	0.00017	-77.78	63.64	0.00015
56.57	-84.85	0.00033	49.50	-77.78	0.00034
42.43	-70.71	0.00034	35.36	-63.64	0.00034
28.28	-56.57	0.00034	21.21	-49.50	0.00032
14.14	-42.43	0.00031	7.07	-35.36	0.00030
3.54	-31.82	0.00029	0.00	-28.28	0.00027

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **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	0.00018	-17.68	-38.89	0.00017
-19.09	-37.48	0.00017	-20.51	-36.06	0.00016
-21.92	-34.65	0.00015	-34.65	-21.92	0.00015
-36.06	-20.51	0.00015	-37.48	-19.09	0.00016

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-38.89	-17.68	0.00016	-40.31	-16.26	0.00016
-42.43	-14.14	0.00017	-45.96	-10.61	0.00017
-49.50	-7.07	0.00017	-56.57	0.00	0.00016
-63.64	7.07	0.00015	-70.71	14.14	0.00014
-77.78	21.21	0.00013	-84.85	28.28	0.00013
-91.92	35.36	0.00012	-98.99	42.43	0.00012
35.36	-106.07	0.00022	28.28	-98.99	0.00022
21.21	-91.92	0.00021	14.14	-84.85	0.00020
7.07	-77.78	0.00020	0.00	-70.71	0.00019
-7.07	-63.64	0.00019	-14.14	-56.57	0.00019
-17.68	-53.03	0.00018	-21.21	-49.50	0.00016
-23.33	-47.38	0.00015	-24.75	-45.96	0.00015
-26.16	-44.55	0.00014	-27.58	-43.13	0.00014
-28.99	-41.72	0.00013	-41.72	-28.99	0.00013
-43.13	-27.58	0.00013	-44.55	-26.16	0.00014
-45.96	-24.75	0.00014	-47.38	-23.33	0.00014
-49.50	-21.21	0.00015	-53.03	-17.68	0.00015
-56.57	-14.14	0.00015	-63.64	-7.07	0.00014
-70.71	0.00	0.00013	-77.78	7.07	0.00012
-84.85	14.14	0.00012	-91.92	21.21	0.00011
-98.99	28.28	0.00011	-106.07	35.36	0.00011
28.28	-113.14	0.00019	21.21	-106.07	0.00019
14.14	-98.99	0.00018	7.07	-91.92	0.00018
0.00	-84.85	0.00017	-7.07	-77.78	0.00017
-14.14	-70.71	0.00017	-21.21	-63.64	0.00016
-24.75	-60.10	0.00015	-28.28	-56.57	0.00014
-30.41	-54.45	0.00013	-31.82	-53.03	0.00013
-33.23	-51.62	0.00012	-34.65	-50.20	0.00012
-36.06	-48.79	0.00012	-48.79	-36.06	0.00011
-50.20	-34.65	0.00012	-51.62	-33.23	0.00012
-53.03	-31.82	0.00012	-54.45	-30.41	0.00012
-56.57	-28.28	0.00013	-60.10	-24.75	0.00013
-63.64	-21.21	0.00013	-70.71	-14.14	0.00013
-77.78	-7.07	0.00012	-84.85	0.00	0.00011
-91.92	7.07	0.00011	-98.99	14.14	0.00010
-106.07	21.21	0.00010	-113.14	28.28	0.00010

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

16NCRA_SR01-300_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	0.00016
7.07	-106.07	0.00016	0.00	-98.99	0.00015
-7.07	-91.92	0.00015	-14.14	-84.85	0.00015
-21.21	-77.78	0.00015	-28.28	-70.71	0.00014
-31.82	-67.18	0.00013	-35.36	-63.64	0.00012
-37.48	-61.52	0.00011	-38.89	-60.10	0.00011
-40.31	-58.69	0.00011	-41.72	-57.28	0.00010
-43.13	-55.86	0.00010	-55.86	-43.13	0.00010
-57.28	-41.72	0.00010	-58.69	-40.31	0.00010
-60.10	-38.89	0.00011	-61.52	-37.48	0.00011
-63.64	-35.36	0.00011	-67.18	-31.82	0.00012
-70.71	-28.28	0.00012	-77.78	-21.21	0.00012
-84.85	-14.14	0.00011	-91.92	-7.07	0.00010
-98.99	0.00	0.00010	-106.07	7.07	0.00009
-113.14	14.14	0.00009	-120.21	21.21	0.00009
14.14	-127.28	0.00015	7.07	-120.21	0.00014
0.00	-113.14	0.00014	-7.07	-106.07	0.00014
-14.14	-98.99	0.00014	-21.21	-91.92	0.00014
-28.28	-84.85	0.00013	-35.36	-77.78	0.00012
-38.89	-74.25	0.00011	-42.43	-70.71	0.00011
-44.55	-68.59	0.00010	-45.96	-67.18	0.00010
-47.38	-65.76	0.00009	-48.79	-64.35	0.00009
-50.20	-62.93	0.00009	-62.93	-50.20	0.00009
-64.35	-48.79	0.00009	-65.76	-47.38	0.00009
-67.18	-45.96	0.00009	-68.59	-44.55	0.00010
-70.71	-42.43	0.00010	-74.25	-38.89	0.00010
-77.78	-35.36	0.00010	-84.85	-28.28	0.00010
-91.92	-21.21	0.00010	-98.99	-14.14	0.00009
-106.07	-7.07	0.00009	-113.14	0.00	0.00008
-120.21	7.07	0.00008	-127.28	14.14	0.00008
7.07	-134.35	0.00013	0.00	-127.28	0.00012
-7.07	-120.21	0.00012	-14.14	-113.14	0.00012
-21.21	-106.07	0.00012	-28.28	-98.99	0.00012
-35.36	-91.92	0.00012	-42.43	-84.85	0.00011
-45.96	-81.32	0.00010	-49.50	-77.78	0.00009
-51.62	-75.66	0.00009	-53.03	-74.25	0.00009
-54.45	-72.83	0.00008	-55.86	-71.42	0.00008
-57.28	-70.00	0.00008	-70.00	-57.28	0.00008
-71.42	-55.86	0.00008	-72.83	-54.45	0.00008
-74.25	-53.03	0.00008	-75.66	-51.62	0.00009

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

*** NCRA Cumulative DPM Impacts

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

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-77.78	-49.50	0.00009	-81.32	-45.96	0.00009	
-84.85	-42.43	0.00009	-91.92	-35.36	0.00009	
-98.99	-28.28	0.00009	-106.07	-21.21	0.00009	
-113.14	-14.14	0.00008	-120.21	-7.07	0.00008	
-127.28	0.00	0.00007	-134.35	7.07	0.00007	
0.00	-141.42	0.00011	-7.07	-134.35	0.00011	
-14.14	-127.28	0.00011	-21.21	-120.21	0.00011	
-28.28	-113.14	0.00011	-35.36	-106.07	0.00011	
-42.43	-98.99	0.00010	-49.50	-91.92	0.00010	
-53.03	-88.39	0.00009	-56.57	-84.85	0.00008	
-58.69	-82.73	0.00008	-60.10	-81.32	0.00008	
-61.52	-79.90	0.00008	-62.93	-78.49	0.00007	
-64.35	-77.07	0.00007	-77.07	-64.35	0.00007	
-78.49	-62.93	0.00007	-79.90	-61.52	0.00007	
-81.32	-60.10	0.00008	-82.73	-58.69	0.00008	
-84.85	-56.57	0.00008	-88.39	-53.03	0.00008	
-91.92	-49.50	0.00008	-98.99	-42.43	0.00009	
-106.07	-35.36	0.00008	-113.14	-28.28	0.00008	
-120.21	-21.21	0.00008	-127.28	-14.14	0.00007	
-134.35	-7.07	0.00007	-141.42	0.00	0.00006	
-7.07	-148.49	0.00010	-14.14	-141.42	0.00010	
-21.21	-134.35	0.00010	-28.28	-127.28	0.00010	
-35.36	-120.21	0.00010	-42.43	-113.14	0.00010	
-49.50	-106.07	0.00009	-56.57	-98.99	0.00008	
-60.10	-95.46	0.00008	-63.64	-91.92	0.00007	
-65.76	-89.80	0.00007	-67.18	-88.39	0.00007	
-68.59	-86.97	0.00007	-70.00	-85.56	0.00007	
-71.42	-84.15	0.00007	-84.15	-71.42	0.00006	
-85.56	-70.00	0.00007	-86.97	-68.59	0.00007	
-88.39	-67.18	0.00007	-89.80	-65.76	0.00007	
-91.92	-63.64	0.00007	-95.46	-60.10	0.00007	
-98.99	-56.57	0.00008	-106.07	-49.50	0.00008	
-113.14	-42.43	0.00008	-120.21	-35.36	0.00007	
-127.28	-28.28	0.00007	-134.35	-21.21	0.00007	
-141.42	-14.14	0.00006	-148.49	-7.07	0.00006	
-14.14	-155.56	0.00009	-21.21	-148.49	0.00009	

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00006	-74.25	-95.46	0.00006
-75.66	-94.05	0.00006	-77.07	-92.63	0.00006
-78.49	-91.22	0.00006	-91.22	-78.49	0.00006
-92.63	-77.07	0.00006	-94.05	-75.66	0.00006
-95.46	-74.25	0.00006	-96.87	-72.83	0.00006
-98.99	-70.71	0.00006	-102.53	-67.18	0.00007
-106.07	-63.64	0.00007	-113.14	-56.57	0.00007
-120.21	-49.50	0.00007	-127.28	-42.43	0.00007
-134.35	-35.36	0.00006	-141.42	-28.28	0.00006
-148.49	-21.21	0.00006	-155.56	-14.14	0.00006
-21.21	-162.63	0.00008	-28.28	-155.56	0.00008
-35.36	-148.49	0.00008	-42.43	-141.42	0.00008
-49.50	-134.35	0.00008	-56.57	-127.28	0.00008
-63.64	-120.21	0.00008	-70.71	-113.14	0.00007
-74.25	-109.60	0.00006	-77.78	-106.07	0.00006
-79.90	-103.94	0.00006	-81.32	-102.53	0.00006
-82.73	-101.12	0.00006	-84.15	-99.70	0.00005
-85.56	-98.29	0.00005	-98.29	-85.56	0.00005
-99.70	-84.15	0.00005	-101.12	-82.73	0.00006
-102.53	-81.32	0.00006	-103.94	-79.90	0.00006
-106.07	-77.78	0.00006	-109.60	-74.25	0.00006
-113.14	-70.71	0.00006	-120.21	-63.64	0.00007
-127.28	-56.57	0.00007	-134.35	-49.50	0.00006
-141.42	-42.43	0.00006	-148.49	-35.36	0.00006
-155.56	-28.28	0.00005	-162.63	-21.21	0.00005
-28.28	-169.71	0.00008	-35.36	-162.63	0.00008
-42.43	-155.56	0.00008	-49.50	-148.49	0.00008
-56.57	-141.42	0.00008	-63.64	-134.35	0.00007
-70.71	-127.28	0.00007	-77.78	-120.21	0.00006
-81.32	-116.67	0.00006	-84.85	-113.14	0.00006

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00007	-42.43	-169.71	0.00007
-49.50	-162.63	0.00007	-56.57	-155.56	0.00007
-63.64	-148.49	0.00007	-70.71	-141.42	0.00007
-77.78	-134.35	0.00006	-84.85	-127.28	0.00006
-88.39	-123.74	0.00005	-91.92	-120.21	0.00005
-94.05	-118.09	0.00005	-95.46	-116.67	0.00005
-96.87	-115.26	0.00005	-98.29	-113.84	0.00005
-99.70	-112.43	0.00005	-112.43	-99.70	0.00005
-113.84	-98.29	0.00005	-115.26	-96.87	0.00005
-116.67	-95.46	0.00005	-118.09	-94.05	0.00005
-120.21	-91.92	0.00005	-123.74	-88.39	0.00005
-127.28	-84.85	0.00005	-134.35	-77.78	0.00006
-141.42	-70.71	0.00006	-148.49	-63.64	0.00006
-155.56	-56.57	0.00005	-162.63	-49.50	0.00005
-169.71	-42.43	0.00005	-176.78	-35.36	0.00005
-42.43	-183.85	0.00007	-49.50	-176.78	0.00007
-56.57	-169.71	0.00007	-63.64	-162.63	0.00007
-70.71	-155.56	0.00007	-77.78	-148.49	0.00006
-84.85	-141.42	0.00006	-91.92	-134.35	0.00005
-95.46	-130.81	0.00005	-98.99	-127.28	0.00005
-101.12	-125.16	0.00004	-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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-77.78	0.00004	-183.85	-70.71	0.00004
-190.92	-63.64	0.00004	-197.99	-56.57	0.00004
-63.64	-205.06	0.00005	-70.71	-197.99	0.00005
-77.78	-190.92	0.00005	-84.85	-183.85	0.00005
-91.92	-176.78	0.00005	-98.99	-169.71	0.00005
-106.07	-162.63	0.00004	-113.14	-155.56	0.00004
-116.67	-152.03	0.00004	-120.21	-148.49	0.00004
-122.33	-146.37	0.00004	-123.74	-144.96	0.00004
-125.16	-143.54	0.00003	-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	0.00004
-148.49	-120.21	0.00004	-152.03	-116.67	0.00004
-155.56	-113.14	0.00004	-162.63	-106.07	0.00004
-169.71	-98.99	0.00004	-176.78	-91.92	0.00004
-183.85	-84.85	0.00004	-190.92	-77.78	0.00004
-197.99	-70.71	0.00004	-205.06	-63.64	0.00004
-70.71	-212.13	0.00005	-77.78	-205.06	0.00005
-84.85	-197.99	0.00005	-91.92	-190.92	0.00005
-98.99	-183.85	0.00005	-106.07	-176.78	0.00004
-113.14	-169.71	0.00004	-120.21	-162.63	0.00004
-123.74	-159.10	0.00004	-127.28	-155.56	0.00003

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_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	0.00003	-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	0.00004	-169.71	-113.14	0.00004
-176.78	-106.07	0.00004	-183.85	-98.99	0.00004
-190.92	-91.92	0.00004	-197.99	-84.85	0.00004
-205.06	-77.78	0.00004	-212.13	-70.71	0.00004
-77.78	-219.20	0.00005	-84.85	-212.13	0.00005
-91.92	-205.06	0.00005	-98.99	-197.99	0.00005

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-190.92	0.00004	-113.14	-183.85	0.00004
-120.21	-176.78	0.00004	-127.28	-169.71	0.00003
-130.81	-166.17	0.00003	-134.35	-162.63	0.00003
-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	0.00004
-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	0.00003
-84.85	-226.27	0.00005	-91.92	-219.20	0.00005
-98.99	-212.13	0.00004	-106.07	-205.06	0.00004
-113.14	-197.99	0.00004	-120.21	-190.92	0.00004
-127.28	-183.85	0.00004	-134.35	-176.78	0.00003
-137.89	-173.24	0.00003	-141.42	-169.71	0.00003
-143.54	-167.58	0.00003	-144.96	-166.17	0.00003
-146.37	-164.76	0.00003	-147.79	-163.34	0.00003
-149.20	-161.93	0.00003	-161.93	-149.20	0.00003
-163.34	-147.79	0.00003	-164.76	-146.37	0.00003
-166.17	-144.96	0.00003	-167.58	-143.54	0.00003
-169.71	-141.42	0.00003	-173.24	-137.89	0.00003
-176.78	-134.35	0.00003	-183.85	-127.28	0.00003
-190.92	-120.21	0.00003	-197.99	-113.14	0.00004
-205.06	-106.07	0.00003	-212.13	-98.99	0.00003
-219.20	-91.92	0.00003	-226.27	-84.85	0.00003

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00004	-98.99	-226.27	0.00004
-106.07	-219.20	0.00004	-113.14	-212.13	0.00004
-120.21	-205.06	0.00004	-127.28	-197.99	0.00004
-134.35	-190.92	0.00003	-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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-153.44	-171.83	0.00003	-154.86	-170.41	0.00003
-156.27	-169.00	0.00003	-169.00	-156.27	0.00003
-170.41	-154.86	0.00003	-171.83	-153.44	0.00003
-173.24	-152.03	0.00003	-174.66	-150.61	0.00003
-176.78	-148.49	0.00003	-180.31	-144.96	0.00003
-183.85	-141.42	0.00003	-190.92	-134.35	0.00003
-197.99	-127.28	0.00003	-205.06	-120.21	0.00003
-212.13	-113.14	0.00003	-219.20	-106.07	0.00003
-226.27	-98.99	0.00003	-233.35	-91.92	0.00003
-98.99	-240.42	0.00004	-106.07	-233.35	0.00004
-113.14	-226.27	0.00004	-120.21	-219.20	0.00004
-127.28	-212.13	0.00004	-134.35	-205.06	0.00003
-141.42	-197.99	0.00003	-148.49	-190.92	0.00003
-152.03	-187.38	0.00003	-155.56	-183.85	0.00003
-157.68	-181.73	0.00003	-159.10	-180.31	0.00003
-160.51	-178.90	0.00003	-161.93	-177.48	0.00002
-163.34	-176.07	0.00002	-176.07	-163.34	0.00002
-177.48	-161.93	0.00002	-178.90	-160.51	0.00003
-180.31	-159.10	0.00003	-181.73	-157.68	0.00003
-183.85	-155.56	0.00003	-187.38	-152.03	0.00003
-190.92	-148.49	0.00003	-197.99	-141.42	0.00003
-205.06	-134.35	0.00003	-212.13	-127.28	0.00003
-219.20	-120.21	0.00003	-226.27	-113.14	0.00003
-233.35	-106.07	0.00003	-240.42	-98.99	0.00003
-106.07	-247.49	0.00004	-113.14	-240.42	0.00004
-120.21	-233.35	0.00004	-127.28	-226.27	0.00004
-134.35	-219.20	0.00003	-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	0.00002
-164.76	-188.80	0.00002	-166.17	-187.38	0.00002
-167.58	-185.97	0.00002	-169.00	-184.55	0.00002
-170.41	-183.14	0.00002	-183.14	-170.41	0.00002
-184.55	-169.00	0.00002	-185.97	-167.58	0.00002
-187.38	-166.17	0.00002	-188.80	-164.76	0.00002

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

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

20:17:05

**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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16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-162.63	0.00002	-194.45	-159.10	0.00003
-197.99	-155.56	0.00003	-205.06	-148.49	0.00003
-212.13	-141.42	0.00003	-219.20	-134.35	0.00003
-226.27	-127.28	0.00003	-233.35	-120.21	0.00003
-240.42	-113.14	0.00003	-247.49	-106.07	0.00003

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

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

20:17:05

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
247.49	106.07	0.00073	240.42	113.14	0.00081
233.35	120.21	0.00092	226.27	127.28	0.00104
219.20	134.35	0.00118	212.13	141.42	0.00135
205.06	148.49	0.00155	197.99	155.56	0.00180
194.45	159.10	0.00196	190.92	162.63	0.00213
188.80	164.76	0.00224	187.38	166.17	0.00232
185.97	167.58	0.00240	184.55	169.00	0.00248
183.14	170.41	0.00257	170.41	183.14	0.00296
169.00	184.55	0.00299	167.58	185.97	0.00302
166.17	187.38	0.00305	164.76	188.80	0.00308
162.63	190.92	0.00314	159.10	194.45	0.00322
155.56	197.99	0.00326	148.49	205.06	0.00318
141.42	212.13	0.00296	134.35	219.20	0.00269
127.28	226.27	0.00241	120.21	233.35	0.00215
113.14	240.42	0.00190	106.07	247.49	0.00168
240.42	98.99	0.00080	233.35	106.07	0.00090
226.27	113.14	0.00102	219.20	120.21	0.00116
212.13	127.28	0.00133	205.06	134.35	0.00153
197.99	141.42	0.00178	190.92	148.49	0.00207
187.38	152.03	0.00226	183.85	155.56	0.00248
181.73	157.68	0.00264	180.31	159.10	0.00276
178.90	160.51	0.00289	177.48	161.93	0.00302
176.07	163.34	0.00316	163.34	176.07	0.00402
161.93	177.48	0.00409	160.51	178.90	0.00417
159.10	180.31	0.00424	157.68	181.73	0.00429
155.56	183.85	0.00434	152.03	187.38	0.00433
148.49	190.92	0.00422	141.42	197.99	0.00386
134.35	205.06	0.00344	127.28	212.13	0.00303
120.21	219.20	0.00265	113.14	226.27	0.00231

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

106.07	233.35	0.00201	98.99	240.42	0.00175
233.35	91.92	0.00088	226.27	98.99	0.00100
219.20	106.07	0.00114	212.13	113.14	0.00131
205.06	120.21	0.00152	197.99	127.28	0.00177
190.92	134.35	0.00206	183.85	141.42	0.00243
180.31	144.96	0.00266	176.78	148.49	0.00293
174.66	150.61	0.00312	173.24	152.03	0.00328
171.83	153.44	0.00345	170.41	154.86	0.00366
169.00	156.27	0.00390	156.27	169.00	0.00601
154.86	170.41	0.00603	153.44	171.83	0.00599
152.03	173.24	0.00593	150.61	174.66	0.00585

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

20:17:05
 **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	0.00571	144.96	180.31	0.00542
141.42	183.85	0.00510	134.35	190.92	0.00444
127.28	197.99	0.00382	120.21	205.06	0.00327
113.14	212.13	0.00280	106.07	219.20	0.00240
99.00	226.27	0.00206	91.92	233.35	0.00177
226.27	84.85	0.00096	219.20	91.92	0.00110
212.13	98.99	0.00126	205.06	106.07	0.00146
197.99	113.14	0.00171	190.92	120.21	0.00202
183.85	127.28	0.00240	176.78	134.35	0.00287
173.24	137.89	0.00317	169.71	141.42	0.00353
167.58	143.54	0.00380	166.17	144.96	0.00401
164.76	146.37	0.00425	163.34	147.79	0.00455
161.93	149.20	0.00492	149.20	161.93	0.00733
147.79	163.34	0.00711	146.37	164.76	0.00692
144.96	166.17	0.00676	143.54	167.58	0.00659
141.42	169.71	0.00635	137.89	173.24	0.00593
134.35	176.78	0.00550	127.28	183.85	0.00470
120.21	190.92	0.00398	113.14	197.99	0.00336
106.07	205.06	0.00283	99.00	212.13	0.00239
91.92	219.20	0.00203	84.85	226.27	0.00172
219.20	77.78	0.00104	212.13	84.85	0.00119
205.06	91.92	0.00137	197.99	98.99	0.00160
190.92	106.07	0.00188	183.85	113.14	0.00223

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

176.78	120.21	0.00266	169.71	127.28	0.00318
166.17	130.81	0.00349	162.63	134.35	0.00386
160.51	136.47	0.00412	159.10	137.89	0.00432
157.68	139.30	0.00455	156.27	140.71	0.00482
154.86	142.13	0.00517	142.13	154.86	0.00733
140.71	156.27	0.00710	139.30	157.68	0.00692
137.89	159.10	0.00674	136.47	160.51	0.00658
134.35	162.63	0.00634	130.81	166.17	0.00592
127.28	169.71	0.00550	120.21	176.78	0.00469
113.14	183.85	0.00394	106.07	190.92	0.00329
99.00	197.99	0.00275	91.92	205.06	0.00230
84.85	212.13	0.00193	77.78	219.20	0.00163
212.13	70.71	0.00109	205.06	77.78	0.00126
197.99	84.85	0.00145	190.92	91.92	0.00169
183.85	98.99	0.00199	176.78	106.07	0.00235
169.71	113.14	0.00278	162.63	120.21	0.00329
159.10	123.74	0.00358	155.56	127.28	0.00393

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

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

20:17:05
 **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	0.00417	152.03	130.81	0.00435
150.61	132.23	0.00456	149.20	133.64	0.00480
147.79	135.06	0.00512	135.06	147.79	0.00720
133.64	149.20	0.00698	132.23	150.61	0.00679
130.81	152.03	0.00662	129.40	153.44	0.00645
127.28	155.56	0.00620	123.74	159.10	0.00577
120.21	162.63	0.00534	113.14	169.71	0.00451
106.07	176.78	0.00376	98.99	183.85	0.00311
91.92	190.92	0.00257	84.85	197.99	0.00213
77.78	205.06	0.00178	70.71	212.13	0.00150
205.06	63.64	0.00112	197.99	70.71	0.00129
190.92	77.78	0.00149	183.85	84.85	0.00174
176.78	91.92	0.00203	169.71	98.99	0.00237
162.63	106.07	0.00279	155.56	113.14	0.00328
152.03	116.67	0.00355	148.49	120.21	0.00386
146.37	122.33	0.00407	144.96	123.74	0.00423
143.54	125.16	0.00442	142.13	126.57	0.00465

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

140.71	127.99	0.00495	127.99	140.71	0.00699
126.57	142.13	0.00675	125.16	143.54	0.00656
123.74	144.96	0.00638	122.33	146.37	0.00621
120.21	148.49	0.00596	116.67	152.03	0.00553
113.14	155.56	0.00509	106.07	162.63	0.00423
98.99	169.71	0.00347	91.92	176.78	0.00283
84.85	183.85	0.00231	77.78	190.92	0.00191
70.71	197.99	0.00159	63.64	205.06	0.00134
197.99	56.57	0.00113	190.92	63.64	0.00129
183.85	70.71	0.00149	176.78	77.78	0.00173
169.71	84.85	0.00201	162.63	91.92	0.00234
155.56	98.99	0.00272	148.49	106.07	0.00317
144.96	109.60	0.00341	141.42	113.14	0.00368
139.30	115.26	0.00387	137.89	116.67	0.00401
136.47	118.09	0.00419	135.06	119.50	0.00440
133.64	120.92	0.00468	120.92	133.64	0.00665
119.50	135.06	0.00642	118.09	136.47	0.00622
116.67	137.89	0.00604	115.26	139.30	0.00586
113.14	141.42	0.00560	109.60	144.96	0.00516
106.07	148.49	0.00470	98.99	155.56	0.00383
91.92	162.63	0.00306	84.85	169.71	0.00246
77.78	176.78	0.00199	70.71	183.85	0.00164
63.64	190.92	0.00137	56.57	197.99	0.00116

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

20:17:05
 **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	0.00111	183.85	56.57	0.00127
176.78	63.64	0.00146	169.71	70.71	0.00168
162.63	77.78	0.00195	155.56	84.85	0.00226
148.49	91.92	0.00260	141.42	98.99	0.00298
137.89	102.53	0.00318	134.35	106.07	0.00341
132.23	108.19	0.00358	130.81	109.60	0.00370
129.40	111.02	0.00386	127.99	112.43	0.00404
126.57	113.84	0.00429	113.84	126.57	0.00617
112.43	127.99	0.00593	111.02	129.40	0.00573
109.60	130.81	0.00553	108.19	132.23	0.00535
106.07	134.35	0.00507	102.53	137.89	0.00460

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

98.99	141.42	0.00413	91.92	148.49	0.00325
84.85	155.56	0.00256	77.78	162.63	0.00203
70.71	169.71	0.00165	63.64	176.78	0.00136
56.57	183.85	0.00114	49.50	190.92	0.00097
183.85	42.43	0.00106	176.78	49.50	0.00121
169.71	56.57	0.00138	162.63	63.64	0.00159
155.56	70.71	0.00183	148.49	77.78	0.00211
141.42	84.85	0.00242	134.35	91.92	0.00272
130.81	95.46	0.00288	127.28	98.99	0.00306
125.16	101.12	0.00319	123.74	102.53	0.00330
122.33	103.94	0.00342	120.92	105.36	0.00357
119.50	106.77	0.00377	106.77	119.50	0.00545
105.36	120.92	0.00520	103.94	122.33	0.00498
102.53	123.74	0.00477	101.12	125.16	0.00456
98.99	127.28	0.00425	95.46	130.81	0.00375
91.92	134.35	0.00328	84.85	141.42	0.00253
77.78	148.49	0.00199	70.71	155.56	0.00159
63.64	162.63	0.00130	56.57	169.71	0.00108
49.50	176.78	0.00091	42.43	183.85	0.00078
176.78	35.36	0.00099	169.71	42.43	0.00112
162.63	49.50	0.00128	155.56	56.57	0.00146
148.49	63.64	0.00167	141.42	70.71	0.00191
134.35	77.78	0.00216	127.28	84.85	0.00240
123.74	88.39	0.00253	120.21	91.92	0.00265
118.09	94.05	0.00273	116.67	95.46	0.00279
115.26	96.87	0.00287	113.84	98.29	0.00296
112.43	99.70	0.00311	99.70	112.43	0.00431
98.29	113.84	0.00402	96.87	115.26	0.00375
95.46	116.67	0.00351	94.05	118.09	0.00328

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

20:17:05
 **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	0.00297	88.39	123.74	0.00256
84.85	127.28	0.00223	77.78	134.35	0.00175
70.71	141.42	0.00141	63.64	148.49	0.00115
56.57	155.56	0.00096	49.50	162.63	0.00081
42.43	169.71	0.00070	35.36	176.78	0.00061

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

169.71	28.28	0.00090	162.63	35.36	0.00101
155.56	42.43	0.00114	148.49	49.50	0.00129
141.42	56.57	0.00146	134.35	63.64	0.00164
127.28	70.71	0.00181	120.21	77.78	0.00198
116.67	81.32	0.00205	113.14	84.85	0.00212
111.02	86.97	0.00215	109.60	88.39	0.00218
108.19	89.80	0.00220	106.77	91.22	0.00224
105.36	92.63	0.00229	92.63	105.36	0.00222
91.22	106.77	0.00198	89.80	108.19	0.00181
88.39	109.60	0.00170	86.97	111.02	0.00161
84.85	113.14	0.00150	81.32	116.67	0.00135
77.78	120.21	0.00124	70.71	127.28	0.00105
63.64	134.35	0.00091	56.57	141.42	0.00078
49.50	148.49	0.00068	42.43	155.56	0.00059
35.36	162.63	0.00052	28.28	169.71	0.00046
162.63	21.21	0.00080	155.56	28.28	0.00089
148.49	35.36	0.00098	141.42	42.43	0.00109
134.35	49.50	0.00121	127.28	56.57	0.00131
120.21	63.64	0.00140	113.14	70.71	0.00144
109.60	74.25	0.00143	106.07	77.78	0.00140
103.94	79.90	0.00135	102.53	81.32	0.00132
101.12	82.73	0.00127	99.70	84.15	0.00121
98.29	85.56	0.00114	85.56	98.29	0.00075
84.15	99.70	0.00074	82.73	101.12	0.00074
81.32	102.53	0.00073	79.90	103.94	0.00073
77.78	106.07	0.00072	74.25	109.60	0.00070
70.71	113.14	0.00068	63.64	120.21	0.00064
56.57	127.28	0.00059	49.50	134.35	0.00054
42.43	141.42	0.00049	35.36	148.49	0.00044
28.28	155.56	0.00039	21.21	162.63	0.00036
155.56	14.14	0.00070	148.49	21.21	0.00076
141.42	28.28	0.00083	134.35	35.36	0.00090
127.28	42.43	0.00096	120.21	49.50	0.00101
113.14	56.57	0.00103	106.07	63.64	0.00101
102.53	67.18	0.00098	98.99	70.71	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at NE/SW Bound Direction ***
 20:17:05
 **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 **

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	72.83	0.00088	95.46	74.25	0.00085
94.05	75.66	0.00080	92.63	77.07	0.00076
91.22	78.49	0.00071	78.49	91.22	0.00056
77.07	92.63	0.00056	75.66	94.05	0.00056
74.25	95.46	0.00056	72.83	96.87	0.00056
70.71	98.99	0.00055	67.18	102.53	0.00052
63.64	106.07	0.00050	56.57	113.14	0.00046
49.50	120.21	0.00043	42.43	127.28	0.00040
35.36	134.35	0.00037	28.28	141.42	0.00034
21.21	148.49	0.00031	14.14	155.56	0.00028
148.49	7.07	0.00060	141.42	14.14	0.00064
134.35	21.21	0.00069	127.28	28.28	0.00073
120.21	35.36	0.00076	113.14	42.43	0.00078
106.07	49.50	0.00077	98.99	56.57	0.00075
95.46	60.10	0.00071	91.92	63.64	0.00067
89.80	65.76	0.00063	88.39	67.18	0.00061
86.97	68.59	0.00058	85.56	70.00	0.00056
84.15	71.42	0.00052	71.42	84.15	0.00045
70.00	85.56	0.00046	68.59	86.97	0.00046
67.18	88.39	0.00045	65.76	89.80	0.00045
63.64	91.92	0.00044	60.10	95.46	0.00043
56.57	98.99	0.00041	49.50	106.07	0.00038
42.43	113.14	0.00034	35.36	120.21	0.00031
28.28	127.28	0.00029	21.21	134.35	0.00027
14.14	141.42	0.00025	7.07	148.49	0.00023
141.42	0.00	0.00051	134.35	7.07	0.00054
127.28	14.14	0.00057	120.21	21.21	0.00059
113.14	28.28	0.00061	106.07	35.36	0.00061
98.99	42.43	0.00060	91.92	49.50	0.00057
88.39	53.03	0.00054	84.85	56.57	0.00051
82.73	58.69	0.00049	81.32	60.10	0.00047
79.90	61.52	0.00045	78.49	62.93	0.00043
77.07	64.35	0.00041	64.35	77.07	0.00037
62.93	78.49	0.00037	61.52	79.90	0.00038
60.10	81.32	0.00038	58.69	82.73	0.00037
56.57	84.85	0.00037	53.03	88.39	0.00035
49.50	91.92	0.00034	42.43	98.99	0.00032
35.36	106.07	0.00030	28.28	113.14	0.00027
21.21	120.21	0.00024	14.14	127.28	0.00023
7.07	134.35	0.00021	0.00	141.42	0.00019

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

*** NCRA Cumulative DPM Impacts

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

20:17:05

**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	0.00044	127.28	0.00	0.00046
120.21	7.07	0.00048	113.14	14.14	0.00049
106.07	21.21	0.00049	98.99	28.28	0.00049
91.92	35.36	0.00047	84.85	42.43	0.00044
81.32	45.96	0.00042	77.78	49.50	0.00041
75.66	51.62	0.00039	74.25	53.03	0.00038
72.83	54.45	0.00036	71.42	55.86	0.00034
70.00	57.28	0.00032	57.28	70.00	0.00030
55.86	71.42	0.00031	54.45	72.83	0.00031
53.03	74.25	0.00032	51.62	75.66	0.00032
49.50	77.78	0.00031	45.96	81.32	0.00030
42.43	84.85	0.00029	35.36	91.92	0.00027
28.28	98.99	0.00026	21.21	106.07	0.00024
14.14	113.14	0.00022	7.07	120.21	0.00020
0.00	127.28	0.00018	-7.07	134.35	0.00017
127.28	-14.14	0.00038	120.21	-7.07	0.00039
113.14	0.00	0.00040	106.07	7.07	0.00041
98.99	14.14	0.00041	91.92	21.21	0.00040
84.85	28.28	0.00038	77.78	35.36	0.00036
74.25	38.89	0.00035	70.71	42.43	0.00033
68.59	44.55	0.00032	67.18	45.96	0.00031
65.76	47.38	0.00029	64.35	48.79	0.00028
62.93	50.20	0.00026	50.20	62.93	0.00025
48.79	64.35	0.00026	47.38	65.76	0.00026
45.96	67.18	0.00027	44.55	68.59	0.00027
42.43	70.71	0.00027	38.89	74.25	0.00026
35.36	77.78	0.00025	28.28	84.85	0.00023
21.21	91.92	0.00022	14.14	98.99	0.00021
7.07	106.07	0.00019	0.00	113.14	0.00018
-7.07	120.21	0.00017	-14.14	127.28	0.00015
120.21	-21.21	0.00033	113.14	-14.14	0.00034
106.07	-7.07	0.00034	98.99	0.00	0.00034
91.92	7.07	0.00034	84.85	14.14	0.00032
77.78	21.21	0.00031	70.71	28.28	0.00030
67.18	31.82	0.00029	63.64	35.36	0.00027
61.52	37.48	0.00026	60.10	38.89	0.00025
58.69	40.31	0.00024	57.28	41.72	0.00023

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

55.86	43.13	0.00022	43.13	55.86	0.00021
41.72	57.28	0.00021	40.31	58.69	0.00022
38.89	60.10	0.00022	37.48	61.52	0.00023

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

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	63.64	0.00023	31.82	67.18	0.00023
28.28	70.71	0.00022	21.21	77.78	0.00020
14.14	84.85	0.00019	7.07	91.92	0.00018
0.00	98.99	0.00017	-7.07	106.07	0.00016
-14.14	113.14	0.00015	-21.21	120.21	0.00014
113.14	-28.28	0.00029	106.07	-21.21	0.00029
98.99	-14.14	0.00029	91.92	-7.07	0.00029
84.85	0.00	0.00028	77.78	7.07	0.00027
70.71	14.14	0.00026	63.64	21.21	0.00025
60.10	24.75	0.00024	56.57	28.28	0.00023
54.45	30.41	0.00022	53.03	31.82	0.00021
51.62	33.23	0.00020	50.20	34.65	0.00019
48.79	36.06	0.00018	36.06	48.79	0.00018
34.65	50.20	0.00018	33.23	51.62	0.00018
31.82	53.03	0.00019	30.41	54.45	0.00019
28.28	56.57	0.00020	24.75	60.10	0.00020
21.21	63.64	0.00019	14.14	70.71	0.00018
7.07	77.78	0.00016	0.00	84.85	0.00016
-7.07	91.92	0.00015	-14.14	98.99	0.00014
-21.21	106.07	0.00014	-28.28	113.14	0.00013
106.07	-35.36	0.00025	98.99	-28.28	0.00025
91.92	-21.21	0.00025	84.85	-14.14	0.00024
77.78	-7.07	0.00023	70.71	0.00	0.00022
63.64	7.07	0.00022	56.57	14.14	0.00022
53.03	17.68	0.00021	49.50	21.21	0.00019
47.38	23.33	0.00018	45.96	24.75	0.00017
44.55	26.16	0.00017	43.13	27.58	0.00016
41.72	28.99	0.00015	28.99	41.72	0.00015
27.58	43.13	0.00015	26.16	44.55	0.00016
24.75	45.96	0.00016	23.33	47.38	0.00016
21.21	49.50	0.00017	17.68	53.03	0.00017

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

14.14	56.57	0.00017	7.07	63.64	0.00016
0.00	70.71	0.00015	-7.07	77.78	0.00014
-14.14	84.85	0.00013	-21.21	91.92	0.00013
-28.28	98.99	0.00012	-35.36	106.07	0.00012
98.99	-42.43	0.00022	91.92	-35.36	0.00022
84.85	-28.28	0.00021	77.78	-21.21	0.00020
70.71	-14.14	0.00020	63.64	-7.07	0.00019
56.57	0.00	0.00019	49.50	7.07	0.00019
45.96	10.61	0.00018	42.43	14.14	0.00016

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

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

20:17:05

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

20:17:05
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	-63.64	0.00015	70.71	-56.57	0.00014
63.64	-49.50	0.00014	56.57	-42.43	0.00014
49.50	-35.36	0.00014	42.43	-28.28	0.00014
35.36	-21.21	0.00013	28.28	-14.14	0.00012
24.75	-10.61	0.00011	21.21	-7.07	0.00011
19.09	-4.95	0.00010	17.68	-3.54	0.00010
16.26	-2.12	0.00009	14.85	-0.71	0.00009
13.44	0.71	0.00009	0.71	13.44	0.00009
-0.71	14.85	0.00009	-2.12	16.26	0.00009
-3.54	17.68	0.00009	-4.95	19.09	0.00010
-7.07	21.21	0.00010	-10.61	24.75	0.00010
-14.14	28.28	0.00010	-21.21	35.36	0.00010
-28.28	42.43	0.00010	-35.36	49.50	0.00009
-42.43	56.57	0.00009	-49.50	63.64	0.00008
-56.57	70.71	0.00008	-63.64	77.78	0.00008
70.71	-70.71	0.00013	63.64	-63.64	0.00012
56.57	-56.57	0.00012	49.50	-49.50	0.00012
42.43	-42.43	0.00012	35.36	-35.36	0.00012
28.28	-28.28	0.00012	21.21	-21.21	0.00011

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **MODELOPTs:
 PAGE 113
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	7.07	0.00008	-24.75	10.61	0.00008
-28.28	14.14	0.00008	-35.36	21.21	0.00009
-42.43	28.28	0.00008	-49.50	35.36	0.00008
-56.57	42.43	0.00008	-63.64	49.50	0.00007
-70.71	56.57	0.00007	-77.78	63.64	0.00006
56.57	-84.85	0.00010	49.50	-77.78	0.00010
42.43	-70.71	0.00010	35.36	-63.64	0.00010
28.28	-56.57	0.00010	21.21	-49.50	0.00010
14.14	-42.43	0.00009	7.07	-35.36	0.00008
3.54	-31.82	0.00008	0.00	-28.28	0.00007
-2.12	-26.16	0.00007	-3.54	-24.75	0.00007
-4.95	-23.33	0.00007	-6.36	-21.92	0.00007
-7.78	-20.51	0.00007	-20.51	-7.78	0.00006

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **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	0.00006	-17.68	-38.89	0.00006
-19.09	-37.48	0.00006	-20.51	-36.06	0.00005
-21.92	-34.65	0.00005	-34.65	-21.92	0.00005
-36.06	-20.51	0.00005	-37.48	-19.09	0.00006
-38.89	-17.68	0.00006	-40.31	-16.26	0.00006
-42.43	-14.14	0.00006	-45.96	-10.61	0.00006
-49.50	-7.07	0.00006	-56.57	0.00	0.00007

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	-49.50	0.00004	-81.32	-45.96	0.00004
-84.85	-42.43	0.00004	-91.92	-35.36	0.00004
-98.99	-28.28	0.00004	-106.07	-21.21	0.00005
-113.14	-14.14	0.00004	-120.21	-7.07	0.00004
-127.28	0.00	0.00004	-134.35	7.07	0.00004
0.00	-141.42	0.00005	-7.07	-134.35	0.00005
-14.14	-127.28	0.00005	-21.21	-120.21	0.00005
-28.28	-113.14	0.00005	-35.36	-106.07	0.00005
-42.43	-98.99	0.00004	-49.50	-91.92	0.00004
-53.03	-88.39	0.00004	-56.57	-84.85	0.00004
-58.69	-82.73	0.00004	-60.10	-81.32	0.00004
-61.52	-79.90	0.00003	-62.93	-78.49	0.00003
-64.35	-77.07	0.00003	-77.07	-64.35	0.00003
-78.49	-62.93	0.00003	-79.90	-61.52	0.00003
-81.32	-60.10	0.00003	-82.73	-58.69	0.00004
-84.85	-56.57	0.00004	-88.39	-53.03	0.00004
-91.92	-49.50	0.00004	-98.99	-42.43	0.00004
-106.07	-35.36	0.00004	-113.14	-28.28	0.00004
-120.21	-21.21	0.00004	-127.28	-14.14	0.00004
-134.35	-7.07	0.00004	-141.42	0.00	0.00004
-7.07	-148.49	0.00005	-14.14	-141.42	0.00005
-21.21	-134.35	0.00005	-28.28	-127.28	0.00005
-35.36	-120.21	0.00005	-42.43	-113.14	0.00004
-49.50	-106.07	0.00004	-56.57	-98.99	0.00004
-60.10	-95.46	0.00004	-63.64	-91.92	0.00003
-65.76	-89.80	0.00003	-67.18	-88.39	0.00003
-68.59	-86.97	0.00003	-70.00	-85.56	0.00003
-71.42	-84.15	0.00003	-84.15	-71.42	0.00003
-85.56	-70.00	0.00003	-86.97	-68.59	0.00003
-88.39	-67.18	0.00003	-89.80	-65.76	0.00003
-91.92	-63.64	0.00003	-95.46	-60.10	0.00003
-98.99	-56.57	0.00004	-106.07	-49.50	0.00004
-113.14	-42.43	0.00004	-120.21	-35.36	0.00004
-127.28	-28.28	0.00004	-134.35	-21.21	0.00004
-141.42	-14.14	0.00004	-148.49	-7.07	0.00004
-14.14	-155.56	0.00005	-21.21	-148.49	0.00005
-28.28	-141.42	0.00005	-35.36	-134.35	0.00005
-42.43	-127.28	0.00004	-49.50	-120.21	0.00004
-56.57	-113.14	0.00004	-63.64	-106.07	0.00003

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-67.18 -102.53 0.00003 -70.71 -98.99 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
-72.83	-96.87	0.00003	-74.25	-95.46	0.00003
-75.66	-94.05	0.00003	-77.07	-92.63	0.00003
-78.49	-91.22	0.00003	-91.22	-78.49	0.00003
-92.63	-77.07	0.00003	-94.05	-75.66	0.00003
-95.46	-74.25	0.00003	-96.87	-72.83	0.00003
-98.99	-70.71	0.00003	-102.53	-67.18	0.00003
-106.07	-63.64	0.00003	-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	0.00003
-21.21	-162.63	0.00005	-28.28	-155.56	0.00005
-35.36	-148.49	0.00004	-42.43	-141.42	0.00004
-49.50	-134.35	0.00004	-56.57	-127.28	0.00004
-63.64	-120.21	0.00004	-70.71	-113.14	0.00003
-74.25	-109.60	0.00003	-77.78	-106.07	0.00003
-79.90	-103.94	0.00003	-81.32	-102.53	0.00003
-82.73	-101.12	0.00003	-84.15	-99.70	0.00003
-85.56	-98.29	0.00003	-98.29	-85.56	0.00003
-99.70	-84.15	0.00003	-101.12	-82.73	0.00003
-102.53	-81.32	0.00003	-103.94	-79.90	0.00003
-106.07	-77.78	0.00003	-109.60	-74.25	0.00003
-113.14	-70.71	0.00003	-120.21	-63.64	0.00003
-127.28	-56.57	0.00003	-134.35	-49.50	0.00004
-141.42	-42.43	0.00003	-148.49	-35.36	0.00003
-155.56	-28.28	0.00003	-162.63	-21.21	0.00003
-28.28	-169.71	0.00004	-35.36	-162.63	0.00004
-42.43	-155.56	0.00004	-49.50	-148.49	0.00004
-56.57	-141.42	0.00004	-63.64	-134.35	0.00004
-70.71	-127.28	0.00003	-77.78	-120.21	0.00003
-81.32	-116.67	0.00003	-84.85	-113.14	0.00003
-86.97	-111.02	0.00003	-88.39	-109.60	0.00003
-89.80	-108.19	0.00003	-91.22	-106.77	0.00003
-92.63	-105.36	0.00003	-105.36	-92.63	0.00003

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00004	-42.43	-169.71	0.00004
-49.50	-162.63	0.00004	-56.57	-155.56	0.00004
-63.64	-148.49	0.00004	-70.71	-141.42	0.00003
-77.78	-134.35	0.00003	-84.85	-127.28	0.00003
-88.39	-123.74	0.00003	-91.92	-120.21	0.00003
-94.05	-118.09	0.00003	-95.46	-116.67	0.00003
-96.87	-115.26	0.00003	-98.29	-113.84	0.00002
-99.70	-112.43	0.00002	-112.43	-99.70	0.00002
-113.84	-98.29	0.00002	-115.26	-96.87	0.00003
-116.67	-95.46	0.00003	-118.09	-94.05	0.00003
-120.21	-91.92	0.00003	-123.74	-88.39	0.00003
-127.28	-84.85	0.00003	-134.35	-77.78	0.00003
-141.42	-70.71	0.00003	-148.49	-63.64	0.00003
-155.56	-56.57	0.00003	-162.63	-49.50	0.00003
-169.71	-42.43	0.00003	-176.78	-35.36	0.00003
-42.43	-183.85	0.00004	-49.50	-176.78	0.00004
-56.57	-169.71	0.00004	-63.64	-162.63	0.00004
-70.71	-155.56	0.00003	-77.78	-148.49	0.00003
-84.85	-141.42	0.00003	-91.92	-134.35	0.00003
-95.46	-130.81	0.00003	-98.99	-127.28	0.00002
-101.12	-125.16	0.00002	-102.53	-123.74	0.00002
-103.94	-122.33	0.00002	-105.36	-120.92	0.00002
-106.77	-119.50	0.00002	-119.50	-106.77	0.00002
-120.92	-105.36	0.00002	-122.33	-103.94	0.00002
-123.74	-102.53	0.00002	-125.16	-101.12	0.00002
-127.28	-98.99	0.00002	-130.81	-95.46	0.00003
-134.35	-91.92	0.00003	-141.42	-84.85	0.00003

16NCRA_SR01-300_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	0.00003	-70.71	-169.71	0.00003
-77.78	-162.63	0.00003	-84.85	-155.56	0.00003
-91.92	-148.49	0.00003	-98.99	-141.42	0.00003
-102.53	-137.89	0.00002	-106.07	-134.35	0.00002
-108.19	-132.23	0.00002	-109.60	-130.81	0.00002
-111.02	-129.40	0.00002	-112.43	-127.99	0.00002
-113.84	-126.57	0.00002	-126.57	-113.84	0.00002
-127.99	-112.43	0.00002	-129.40	-111.02	0.00002
-130.81	-109.60	0.00002	-132.23	-108.19	0.00002

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00002	-137.89	-102.53	0.00002
-141.42	-98.99	0.00002	-148.49	-91.92	0.00003
-155.56	-84.85	0.00003	-162.63	-77.78	0.00003
-169.71	-70.71	0.00003	-176.78	-63.64	0.00003
-183.85	-56.57	0.00003	-190.92	-49.50	0.00003
-56.57	-197.99	0.00003	-63.64	-190.92	0.00003
-70.71	-183.85	0.00003	-77.78	-176.78	0.00003
-84.85	-169.71	0.00003	-91.92	-162.63	0.00003
-98.99	-155.56	0.00003	-106.07	-148.49	0.00002
-109.60	-144.96	0.00002	-113.14	-141.42	0.00002
-115.26	-139.30	0.00002	-116.67	-137.89	0.00002
-118.09	-136.47	0.00002	-119.50	-135.06	0.00002
-120.92	-133.64	0.00002	-133.64	-120.92	0.00002
-135.06	-119.50	0.00002	-136.47	-118.09	0.00002
-137.89	-116.67	0.00002	-139.30	-115.26	0.00002
-141.42	-113.14	0.00002	-144.96	-109.60	0.00002
-148.49	-106.07	0.00002	-155.56	-98.99	0.00002
-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	0.00003	-70.71	-197.99	0.00003

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	-190.92	0.00003	-84.85	-183.85	0.00003
-91.92	-176.78	0.00003	-98.99	-169.71	0.00003
-106.07	-162.63	0.00002	-113.14	-155.56	0.00002
-116.67	-152.03	0.00002	-120.21	-148.49	0.00002
-122.33	-146.37	0.00002	-123.74	-144.96	0.00002
-125.16	-143.54	0.00002	-126.57	-142.13	0.00002
-127.99	-140.71	0.00002	-140.71	-127.99	0.00002
-142.13	-126.57	0.00002	-143.54	-125.16	0.00002
-144.96	-123.74	0.00002	-146.37	-122.33	0.00002
-148.49	-120.21	0.00002	-152.03	-116.67	0.00002
-155.56	-113.14	0.00002	-162.63	-106.07	0.00002
-169.71	-98.99	0.00002	-176.78	-91.92	0.00002
-183.85	-84.85	0.00003	-190.92	-77.78	0.00003
-197.99	-70.71	0.00003	-205.06	-63.64	0.00002
-70.71	-212.13	0.00003	-77.78	-205.06	0.00003
-84.85	-197.99	0.00003	-91.92	-190.92	0.00003
-98.99	-183.85	0.00003	-106.07	-176.78	0.00002
-113.14	-169.71	0.00002	-120.21	-162.63	0.00002
-123.74	-159.10	0.00002	-127.28	-155.56	0.00002

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

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

20:17:05
 **MODELOPTs:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00002	-130.81	-152.03	0.00002
-132.23	-150.61	0.00002	-133.64	-149.20	0.00002
-135.06	-147.79	0.00002	-147.79	-135.06	0.00002
-149.20	-133.64	0.00002	-150.61	-132.23	0.00002
-152.03	-130.81	0.00002	-153.44	-129.40	0.00002
-155.56	-127.28	0.00002	-159.10	-123.74	0.00002
-162.63	-120.21	0.00002	-169.71	-113.14	0.00002
-176.78	-106.07	0.00002	-183.85	-98.99	0.00002
-190.92	-91.92	0.00002	-197.99	-84.85	0.00002
-205.06	-77.78	0.00002	-212.13	-70.71	0.00002
-77.78	-219.20	0.00003	-84.85	-212.13	0.00003
-91.92	-205.06	0.00003	-98.99	-197.99	0.00003
-106.07	-190.92	0.00002	-113.14	-183.85	0.00002
-120.21	-176.78	0.00002	-127.28	-169.71	0.00002
-130.81	-166.17	0.00002	-134.35	-162.63	0.00002

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

20:17:05
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00003	-98.99	-226.27	0.00003
-106.07	-219.20	0.00002	-113.14	-212.13	0.00002
-120.21	-205.06	0.00002	-127.28	-197.99	0.00002
-134.35	-190.92	0.00002	-141.42	-183.85	0.00002
-144.96	-180.31	0.00002	-148.49	-176.78	0.00002
-150.61	-174.66	0.00002	-152.03	-173.24	0.00002
-153.44	-171.83	0.00002	-154.86	-170.41	0.00002
-156.27	-169.00	0.00002	-169.00	-156.27	0.00002
-170.41	-154.86	0.00002	-171.83	-153.44	0.00002

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

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

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-226.27 -127.28 0.00002 -233.35 -120.21 0.00002
 -240.42 -113.14 0.00002 -247.49 -106.07 0.00002

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

20:17:05
 **MODELOPTs:
 PAGE 123
 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
247.49	106.07	0.00149	240.42	113.14	0.00162
233.35	120.21	0.00176	226.27	127.28	0.00192
219.20	134.35	0.00211	212.13	141.42	0.00232
205.06	148.49	0.00256	197.99	155.56	0.00286
194.45	159.10	0.00303	190.92	162.63	0.00321
188.80	164.76	0.00333	187.38	166.17	0.00341
185.97	167.58	0.00350	184.55	169.00	0.00359
183.14	170.41	0.00368	170.41	183.14	0.00407
169.00	184.55	0.00409	167.58	185.97	0.00412
166.17	187.38	0.00416	164.76	188.80	0.00419
162.63	190.92	0.00425	159.10	194.45	0.00433
155.56	197.99	0.00437	148.49	205.06	0.00430
141.42	212.13	0.00408	134.35	219.20	0.00382
127.28	226.27	0.00355	120.21	233.35	0.00329
113.14	240.42	0.00305	106.07	247.49	0.00283
240.42	98.99	0.00162	233.35	106.07	0.00176
226.27	113.14	0.00192	219.20	120.21	0.00211
212.13	127.28	0.00233	205.06	134.35	0.00258
197.99	141.42	0.00288	190.92	148.49	0.00323
187.38	152.03	0.00344	183.85	155.56	0.00368
181.73	157.68	0.00385	180.31	159.10	0.00397
178.90	160.51	0.00410	177.48	161.93	0.00423
176.07	163.34	0.00438	163.34	176.07	0.00524
161.93	177.48	0.00532	160.51	178.90	0.00539
159.10	180.31	0.00546	157.68	181.73	0.00551
155.56	183.85	0.00557	152.03	187.38	0.00556
148.49	190.92	0.00545	141.42	197.99	0.00510
134.35	205.06	0.00469	127.28	212.13	0.00428
120.21	219.20	0.00391	113.14	226.27	0.00357
106.07	233.35	0.00328	98.99	240.42	0.00302
233.35	91.92	0.00175	226.27	98.99	0.00192
219.20	106.07	0.00211	212.13	113.14	0.00233

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

205.06	120.21	0.00260	197.99	127.28	0.00290
190.92	134.35	0.00326	183.85	141.42	0.00369
180.31	144.96	0.00395	176.78	148.49	0.00425
174.66	150.61	0.00445	173.24	152.03	0.00461
171.83	153.44	0.00479	170.41	154.86	0.00501
169.00	156.27	0.00525	156.27	169.00	0.00737
154.86	170.41	0.00738	153.44	171.83	0.00735
152.03	173.24	0.00729	150.61	174.66	0.00721

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

20:17:05
 **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	0.00707	144.96	180.31	0.00679
141.42	183.85	0.00647	134.35	190.92	0.00581
127.28	197.99	0.00521	120.21	205.06	0.00467
113.14	212.13	0.00421	106.07	219.20	0.00381
99.00	226.27	0.00346	91.92	233.35	0.00317
226.27	84.85	0.00189	219.20	91.92	0.00208
212.13	98.99	0.00230	205.06	106.07	0.00257
197.99	113.14	0.00289	190.92	120.21	0.00326
183.85	127.28	0.00371	176.78	134.35	0.00426
173.24	137.89	0.00460	169.71	141.42	0.00500
167.58	143.54	0.00528	166.17	144.96	0.00550
164.76	146.37	0.00574	163.34	147.79	0.00605
161.93	149.20	0.00643	149.20	161.93	0.00885
147.79	163.34	0.00863	146.37	164.76	0.00845
144.96	166.17	0.00828	143.54	167.58	0.00812
141.42	169.71	0.00787	137.89	173.24	0.00746
134.35	176.78	0.00704	127.28	183.85	0.00625
120.21	190.92	0.00554	113.14	197.99	0.00493
106.07	205.06	0.00441	99.00	212.13	0.00398
91.92	219.20	0.00360	84.85	226.27	0.00328
219.20	77.78	0.00202	212.13	84.85	0.00224
205.06	91.92	0.00249	197.99	98.99	0.00280
190.92	106.07	0.00316	183.85	113.14	0.00359
176.78	120.21	0.00411	169.71	127.28	0.00472
166.17	130.81	0.00508	162.63	134.35	0.00549
160.51	136.47	0.00577	159.10	137.89	0.00599

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

157.68	139.30	0.00623	156.27	140.71	0.00651
154.86	142.13	0.00686	142.13	154.86	0.00905
140.71	156.27	0.00882	139.30	157.68	0.00864
137.89	159.10	0.00847	136.47	160.51	0.00831
134.35	162.63	0.00807	130.81	166.17	0.00765
127.28	169.71	0.00724	120.21	176.78	0.00644
113.14	183.85	0.00572	106.07	190.92	0.00508
99.00	197.99	0.00454	91.92	205.06	0.00409
84.85	212.13	0.00370	77.78	219.20	0.00337
212.13	70.71	0.00214	205.06	77.78	0.00238
197.99	84.85	0.00266	190.92	91.92	0.00299
183.85	98.99	0.00338	176.78	106.07	0.00384
169.71	113.14	0.00438	162.63	120.21	0.00500
159.10	123.74	0.00536	155.56	127.28	0.00576

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

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	129.40	0.00604	152.03	130.81	0.00624
150.61	132.23	0.00646	149.20	133.64	0.00672
147.79	135.06	0.00705	135.06	147.79	0.00917
133.64	149.20	0.00894	132.23	150.61	0.00876
130.81	152.03	0.00859	129.40	153.44	0.00842
127.28	155.56	0.00818	123.74	159.10	0.00776
120.21	162.63	0.00734	113.14	169.71	0.00653
106.07	176.78	0.00581	98.99	183.85	0.00517
91.92	190.92	0.00463	84.85	197.99	0.00416
77.78	205.06	0.00376	70.71	212.13	0.00342
205.06	63.64	0.00225	197.99	70.71	0.00250
190.92	77.78	0.00279	183.85	84.85	0.00314
176.78	91.92	0.00355	169.71	98.99	0.00402
162.63	106.07	0.00457	155.56	113.14	0.00520
152.03	116.67	0.00555	148.49	120.21	0.00593
146.37	122.33	0.00619	144.96	123.74	0.00638
143.54	125.16	0.00660	142.13	126.57	0.00685
140.71	127.99	0.00717	127.99	140.71	0.00926
126.57	142.13	0.00903	125.16	143.54	0.00884
123.74	144.96	0.00867	122.33	146.37	0.00850

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

120.21	148.49	0.00826	116.67	152.03	0.00784
113.14	155.56	0.00742	106.07	162.63	0.00660
98.99	169.71	0.00586	91.92	176.78	0.00522
84.85	183.85	0.00467	77.78	190.92	0.00421
70.71	197.99	0.00381	63.64	205.06	0.00346
197.99	56.57	0.00234	190.92	63.64	0.00260
183.85	70.71	0.00290	176.78	77.78	0.00326
169.71	84.85	0.00367	162.63	91.92	0.00415
155.56	98.99	0.00471	148.49	106.07	0.00534
144.96	109.60	0.00567	141.42	113.14	0.00604
139.30	115.26	0.00629	137.89	116.67	0.00648
136.47	118.09	0.00669	135.06	119.50	0.00694
133.64	120.92	0.00725	120.92	133.64	0.00933
119.50	135.06	0.00910	118.09	136.47	0.00891
116.67	137.89	0.00873	115.26	139.30	0.00857
113.14	141.42	0.00832	109.60	144.96	0.00790
106.07	148.49	0.00748	98.99	155.56	0.00666
91.92	162.63	0.00590	84.85	169.71	0.00526
77.78	176.78	0.00470	70.71	183.85	0.00424
63.64	190.92	0.00383	56.57	197.99	0.00349

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

20:17:05
 **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	0.00241	183.85	56.57	0.00268
176.78	63.64	0.00299	169.71	70.71	0.00335
162.63	77.78	0.00377	155.56	84.85	0.00426
148.49	91.92	0.00482	141.42	98.99	0.00543
137.89	102.53	0.00576	134.35	106.07	0.00612
132.23	108.19	0.00637	130.81	109.60	0.00656
129.40	111.02	0.00677	127.99	112.43	0.00701
126.57	113.84	0.00731	113.84	126.57	0.00938
112.43	127.99	0.00916	111.02	129.40	0.00897
109.60	130.81	0.00879	108.19	132.23	0.00862
106.07	134.35	0.00837	102.53	137.89	0.00795
98.99	141.42	0.00753	91.92	148.49	0.00670
84.85	155.56	0.00594	77.78	162.63	0.00529
70.71	169.71	0.00473	63.64	176.78	0.00425

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

56.57	183.85	0.00385	49.50	190.92	0.00351
183.85	42.43	0.00247	176.78	49.50	0.00274
169.71	56.57	0.00305	162.63	63.64	0.00342
155.56	70.71	0.00385	148.49	77.78	0.00434
141.42	84.85	0.00489	134.35	91.92	0.00549
130.81	95.46	0.00582	127.28	98.99	0.00618
125.16	101.12	0.00643	123.74	102.53	0.00662
122.33	103.94	0.00682	120.92	105.36	0.00706
119.50	106.77	0.00736	106.77	119.50	0.00942
105.36	120.92	0.00920	103.94	122.33	0.00901
102.53	123.74	0.00884	101.12	125.16	0.00867
98.99	127.28	0.00841	95.46	130.81	0.00799
91.92	134.35	0.00756	84.85	141.42	0.00673
77.78	148.49	0.00598	70.71	155.56	0.00531
63.64	162.63	0.00475	56.57	169.71	0.00427
49.50	176.78	0.00386	42.43	183.85	0.00352
176.78	35.36	0.00252	169.71	42.43	0.00279
162.63	49.50	0.00311	155.56	56.57	0.00348
148.49	63.64	0.00391	141.42	70.71	0.00440
134.35	77.78	0.00494	127.28	84.85	0.00553
123.74	88.39	0.00587	120.21	91.92	0.00623
118.09	94.05	0.00648	116.67	95.46	0.00666
115.26	96.87	0.00687	113.84	98.29	0.00710
112.43	99.70	0.00739	99.70	112.43	0.00946
98.29	113.84	0.00923	96.87	115.26	0.00904
95.46	116.67	0.00887	94.05	118.09	0.00870

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

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	120.21	0.00844	88.39	123.74	0.00802
84.85	127.28	0.00758	77.78	134.35	0.00675
70.71	141.42	0.00600	63.64	148.49	0.00534
56.57	155.56	0.00477	49.50	162.63	0.00429
42.43	169.71	0.00387	35.36	176.78	0.00352
169.71	28.28	0.00256	162.63	35.36	0.00283
155.56	42.43	0.00315	148.49	49.50	0.00353
141.42	56.57	0.00396	134.35	63.64	0.00444

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

127.28	70.71	0.00498	120.21	77.78	0.00557
116.67	81.32	0.00590	113.14	84.85	0.00626
111.02	86.97	0.00651	109.60	88.39	0.00669
108.19	89.80	0.00689	106.77	91.22	0.00714
105.36	92.63	0.00744	92.63	105.36	0.00948
91.22	106.77	0.00926	89.80	108.19	0.00906
88.39	109.60	0.00889	86.97	111.02	0.00872
84.85	113.14	0.00847	81.32	116.67	0.00804
77.78	120.21	0.00760	70.71	127.28	0.00677
63.64	134.35	0.00601	56.57	141.42	0.00535
49.50	148.49	0.00478	42.43	155.56	0.00430
35.36	162.63	0.00388	28.28	169.71	0.00353
162.63	21.21	0.00259	155.56	28.28	0.00287
148.49	35.36	0.00319	141.42	42.43	0.00356
134.35	49.50	0.00399	127.28	56.57	0.00447
120.21	63.64	0.00500	113.14	70.71	0.00559
109.60	74.25	0.00592	106.07	77.78	0.00629
103.94	79.90	0.00653	102.53	81.32	0.00670
101.12	82.73	0.00690	99.70	84.15	0.00715
98.29	85.56	0.00746	85.56	98.29	0.00950
84.15	99.70	0.00927	82.73	101.12	0.00908
81.32	102.53	0.00890	79.90	103.94	0.00874
77.78	106.07	0.00848	74.25	109.60	0.00805
70.71	113.14	0.00762	63.64	120.21	0.00678
56.57	127.28	0.00602	49.50	134.35	0.00536
42.43	141.42	0.00479	35.36	148.49	0.00431
28.28	155.56	0.00389	21.21	162.63	0.00353
155.56	14.14	0.00261	148.49	21.21	0.00289
141.42	28.28	0.00322	134.35	35.36	0.00359
127.28	42.43	0.00401	120.21	49.50	0.00449
113.14	56.57	0.00502	106.07	63.64	0.00562
102.53	67.18	0.00594	98.99	70.71	0.00630

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
96.87	72.83	0.00654	95.46	74.25	0.00672
94.05	75.66	0.00692	92.63	77.07	0.00716

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

91.22	78.49	0.00746	78.49	91.22	0.00950
77.07	92.63	0.00927	75.66	94.05	0.00909
74.25	95.46	0.00892	72.83	96.87	0.00875
70.71	98.99	0.00850	67.18	102.53	0.00806
63.64	106.07	0.00763	56.57	113.14	0.00679
49.50	120.21	0.00603	42.43	127.28	0.00537
35.36	134.35	0.00480	28.28	141.42	0.00431
21.21	148.49	0.00389	14.14	155.56	0.00354
148.49	7.07	0.00264	141.42	14.14	0.00292
134.35	21.21	0.00324	127.28	28.28	0.00361
120.21	35.36	0.00403	113.14	42.43	0.00450
106.07	49.50	0.00504	98.99	56.57	0.00563
95.46	60.10	0.00595	91.92	63.64	0.00631
89.80	65.76	0.00655	88.39	67.18	0.00673
86.97	68.59	0.00693	85.56	70.00	0.00716
84.15	71.42	0.00746	71.42	84.15	0.00950
70.00	85.56	0.00928	68.59	86.97	0.00909
67.18	88.39	0.00892	65.76	89.80	0.00876
63.64	91.92	0.00850	60.10	95.46	0.00807
56.57	98.99	0.00764	49.50	106.07	0.00679
42.43	113.14	0.00603	35.36	120.21	0.00537
28.28	127.28	0.00480	21.21	134.35	0.00431
14.14	141.42	0.00389	7.07	148.49	0.00354
141.42	0.00	0.00265	134.35	7.07	0.00293
127.28	14.14	0.00325	120.21	21.21	0.00362
113.14	28.28	0.00404	106.07	35.36	0.00451
98.99	42.43	0.00505	91.92	49.50	0.00564
88.39	53.03	0.00596	84.85	56.57	0.00632
82.73	58.69	0.00655	81.32	60.10	0.00673
79.90	61.52	0.00693	78.49	62.93	0.00716
77.07	64.35	0.00745	64.35	77.07	0.00951
62.93	78.49	0.00928	61.52	79.90	0.00910
60.10	81.32	0.00892	58.69	82.73	0.00875
56.57	84.85	0.00850	53.03	88.39	0.00808
49.50	91.92	0.00764	42.43	98.99	0.00680
35.36	106.07	0.00603	28.28	113.14	0.00537
21.21	120.21	0.00480	14.14	127.28	0.00431
7.07	134.35	0.00389	0.00	141.42	0.00353

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	0.00267	127.28	0.00	0.00294
120.21	7.07	0.00326	113.14	14.14	0.00362
106.07	21.21	0.00404	98.99	28.28	0.00452
91.92	35.36	0.00505	84.85	42.43	0.00564
81.32	45.96	0.00597	77.78	49.50	0.00632
75.66	51.62	0.00655	74.25	53.03	0.00673
72.83	54.45	0.00693	71.42	55.86	0.00716
70.00	57.28	0.00744	57.28	70.00	0.00950
55.86	71.42	0.00928	54.45	72.83	0.00909
53.03	74.25	0.00892	51.62	75.66	0.00875
49.50	77.78	0.00850	45.96	81.32	0.00808
42.43	84.85	0.00764	35.36	91.92	0.00680
28.28	98.99	0.00603	21.21	106.07	0.00536
14.14	113.14	0.00479	7.07	120.21	0.00430
0.00	127.28	0.00389	-7.07	134.35	0.00353
127.28	-14.14	0.00267	120.21	-7.07	0.00295
113.14	0.00	0.00326	106.07	7.07	0.00363
98.99	14.14	0.00404	91.92	21.21	0.00452
84.85	28.28	0.00505	77.78	35.36	0.00565
74.25	38.89	0.00597	70.71	42.43	0.00632
68.59	44.55	0.00655	67.18	45.96	0.00672
65.76	47.38	0.00692	64.35	48.79	0.00715
62.93	50.20	0.00743	50.20	62.93	0.00949
48.79	64.35	0.00928	47.38	65.76	0.00909
45.96	67.18	0.00892	44.55	68.59	0.00875
42.43	70.71	0.00850	38.89	74.25	0.00807
35.36	77.78	0.00764	28.28	84.85	0.00679
21.21	91.92	0.00603	14.14	98.99	0.00536
7.07	106.07	0.00478	0.00	113.14	0.00430
-7.07	120.21	0.00388	-14.14	127.28	0.00352
120.21	-21.21	0.00268	113.14	-14.14	0.00295
106.07	-7.07	0.00327	98.99	0.00	0.00363
91.92	7.07	0.00404	84.85	14.14	0.00452
77.78	21.21	0.00505	70.71	28.28	0.00564
67.18	31.82	0.00596	63.64	35.36	0.00631
61.52	37.48	0.00655	60.10	38.89	0.00672
58.69	40.31	0.00691	57.28	41.72	0.00714
55.86	43.13	0.00743	43.13	55.86	0.00949
41.72	57.28	0.00927	40.31	58.69	0.00908
38.89	60.10	0.00891	37.48	61.52	0.00875

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	63.64	0.00850	31.82	67.18	0.00807
28.28	70.71	0.00763	21.21	77.78	0.00679
14.14	84.85	0.00602	7.07	91.92	0.00535
0.00	98.99	0.00477	-7.07	106.07	0.00429
-14.14	113.14	0.00387	-21.21	120.21	0.00351
113.14	-28.28	0.00268	106.07	-21.21	0.00295
98.99	-14.14	0.00326	91.92	-7.07	0.00362
84.85	0.00	0.00404	77.78	7.07	0.00451
70.71	14.14	0.00505	63.64	21.21	0.00563
60.10	24.75	0.00596	56.57	28.28	0.00630
54.45	30.41	0.00654	53.03	31.82	0.00672
51.62	33.23	0.00691	50.20	34.65	0.00714
48.79	36.06	0.00742	36.06	48.79	0.00948
34.65	50.20	0.00926	33.23	51.62	0.00907
31.82	53.03	0.00891	30.41	54.45	0.00874
28.28	56.57	0.00849	24.75	60.10	0.00806
21.21	63.64	0.00762	14.14	70.71	0.00678
7.07	77.78	0.00601	0.00	84.85	0.00534
-7.07	91.92	0.00476	-14.14	98.99	0.00427
-21.21	106.07	0.00386	-28.28	113.14	0.00350
106.07	-35.36	0.00267	98.99	-28.28	0.00294
91.92	-21.21	0.00326	84.85	-14.14	0.00362
77.78	-7.07	0.00403	70.71	0.00	0.00451
63.64	7.07	0.00504	56.57	14.14	0.00562
53.03	17.68	0.00594	49.50	21.21	0.00629
47.38	23.33	0.00652	45.96	24.75	0.00670
44.55	26.16	0.00690	43.13	27.58	0.00714
41.72	28.99	0.00743	28.99	41.72	0.00947
27.58	43.13	0.00925	26.16	44.55	0.00906
24.75	45.96	0.00889	23.33	47.38	0.00872
21.21	49.50	0.00847	17.68	53.03	0.00805
14.14	56.57	0.00761	7.07	63.64	0.00676
0.00	70.71	0.00599	-7.07	77.78	0.00533
-14.14	84.85	0.00475	-21.21	91.92	0.00426

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	98.99	0.00384	-35.36	106.07	0.00348
98.99	-42.43	0.00267	91.92	-35.36	0.00294
84.85	-28.28	0.00325	77.78	-21.21	0.00361
70.71	-14.14	0.00402	63.64	-7.07	0.00450
56.57	0.00	0.00503	49.50	7.07	0.00561
45.96	10.61	0.00593	42.43	14.14	0.00628

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

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

20:17:05

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	16.26	0.00651	38.89	17.68	0.00668
37.48	19.09	0.00687	36.06	20.51	0.00712
34.65	21.92	0.00742	21.92	34.65	0.00945
20.51	36.06	0.00923	19.09	37.48	0.00904
17.68	38.89	0.00887	16.26	40.31	0.00871
14.14	42.43	0.00846	10.61	45.96	0.00803
7.07	49.50	0.00759	0.00	56.57	0.00675
-7.07	63.64	0.00598	-14.14	70.71	0.00531
-21.21	77.78	0.00473	-28.28	84.85	0.00424
-35.36	91.92	0.00382	-42.43	98.99	0.00346
91.92	-49.50	0.00266	84.85	-42.43	0.00293
77.78	-35.36	0.00324	70.71	-28.28	0.00360
63.64	-21.21	0.00401	56.57	-14.14	0.00448
49.50	-7.07	0.00501	42.43	0.00	0.00559
38.89	3.54	0.00591	35.36	7.07	0.00626
33.23	9.19	0.00649	31.82	10.61	0.00666
30.41	12.02	0.00686	28.99	13.44	0.00709
27.58	14.85	0.00739	14.85	27.58	0.00943
13.44	28.99	0.00921	12.02	30.41	0.00902
10.61	31.82	0.00885	9.19	33.23	0.00869
7.07	35.36	0.00844	3.54	38.89	0.00801
0.00	42.43	0.00757	-7.07	49.50	0.00673
-14.14	56.57	0.00596	-21.21	63.64	0.00529
-28.28	70.71	0.00472	-35.36	77.78	0.00422
-42.43	84.85	0.00380	-49.50	91.92	0.00344
84.85	-56.57	0.00265	77.78	-49.50	0.00292
70.71	-42.43	0.00323	63.64	-35.36	0.00359
56.57	-28.28	0.00400	49.50	-21.21	0.00447

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-14.14	0.00500	35.36	-7.07	0.00558
31.82	-3.54	0.00589	28.28	0.00	0.00624
26.16	2.12	0.00647	24.75	3.54	0.00664
23.33	4.95	0.00684	21.92	6.36	0.00706
20.51	7.78	0.00736	7.78	20.51	0.00941
6.36	21.92	0.00919	4.95	23.33	0.00900
3.54	24.75	0.00884	2.12	26.16	0.00867
0.00	28.28	0.00842	-3.54	31.82	0.00799
-7.07	35.36	0.00756	-14.14	42.43	0.00671
-21.21	49.50	0.00594	-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	0.00342

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

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

20:17:05

**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	0.00263	70.71	-56.57	0.00290
63.64	-49.50	0.00321	56.57	-42.43	0.00357
49.50	-35.36	0.00398	42.43	-28.28	0.00445
35.36	-21.21	0.00498	28.28	-14.14	0.00556
24.75	-10.61	0.00587	21.21	-7.07	0.00621
19.09	-4.95	0.00645	17.68	-3.54	0.00662
16.26	-2.12	0.00681	14.85	-0.71	0.00704
13.44	0.71	0.00733	0.71	13.44	0.00938
-0.71	14.85	0.00916	-2.12	16.26	0.00898
-3.54	17.68	0.00881	-4.95	19.09	0.00864
-7.07	21.21	0.00839	-10.61	24.75	0.00797
-14.14	28.28	0.00754	-21.21	35.36	0.00669
-28.28	42.43	0.00592	-35.36	49.50	0.00525
-42.43	56.57	0.00467	-49.50	63.64	0.00418
-56.57	70.71	0.00376	-63.64	77.78	0.00340
70.71	-70.71	0.00262	63.64	-63.64	0.00289
56.57	-56.57	0.00319	49.50	-49.50	0.00355
42.43	-42.43	0.00396	35.36	-35.36	0.00443
28.28	-28.28	0.00495	21.21	-21.21	0.00553
17.68	-17.68	0.00584	14.14	-14.14	0.00619
12.02	-12.02	0.00642	10.61	-10.61	0.00659
9.19	-9.19	0.00679	7.78	-7.78	0.00701

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

6.36	-6.36	0.00730	-6.36	6.36	0.00936
-7.78	7.78	0.00914	-9.19	9.19	0.00895
-10.61	10.61	0.00878	-12.02	12.02	0.00861
-14.14	14.14	0.00837	-17.68	17.68	0.00794
-21.21	21.21	0.00751	-28.28	28.28	0.00667
-35.36	35.36	0.00589	-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	0.00337
63.64	-77.78	0.00260	56.57	-70.71	0.00287
49.50	-63.64	0.00317	42.43	-56.57	0.00353
35.36	-49.50	0.00394	28.28	-42.43	0.00441
21.21	-35.36	0.00493	14.14	-28.28	0.00550
10.61	-24.75	0.00582	7.07	-21.21	0.00616
4.95	-19.09	0.00639	3.54	-17.68	0.00656
2.12	-16.26	0.00676	0.71	-14.85	0.00698
-0.71	-13.44	0.00726	-13.44	-0.71	0.00932
-14.85	0.71	0.00911	-16.26	2.12	0.00892
-17.68	3.54	0.00875	-19.09	4.95	0.00859

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	7.07	0.00834	-24.75	10.61	0.00791
-28.28	14.14	0.00748	-35.36	21.21	0.00664
-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	0.00334
56.57	-84.85	0.00258	49.50	-77.78	0.00285
42.43	-70.71	0.00315	35.36	-63.64	0.00351
28.28	-56.57	0.00391	21.21	-49.50	0.00438
14.14	-42.43	0.00490	7.07	-35.36	0.00547
3.54	-31.82	0.00578	0.00	-28.28	0.00613
-2.12	-26.16	0.00636	-3.54	-24.75	0.00653
-4.95	-23.33	0.00672	-6.36	-21.92	0.00695
-7.78	-20.51	0.00723	-20.51	-7.78	0.00929
-21.92	-6.36	0.00907	-23.33	-4.95	0.00889
-24.75	-3.54	0.00872	-26.16	-2.12	0.00856
-28.28	0.00	0.00831	-31.82	3.54	0.00788

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	7.07	0.00745	-42.43	14.14	0.00660
-49.50	21.21	0.00583	-56.57	28.28	0.00516
-63.64	35.36	0.00458	-70.71	42.43	0.00409
-77.78	49.50	0.00367	-84.85	56.57	0.00330
49.50	-91.92	0.00256	42.43	-84.85	0.00282
35.36	-77.78	0.00313	28.28	-70.71	0.00348
21.21	-63.64	0.00389	14.14	-56.57	0.00435
7.07	-49.50	0.00486	0.00	-42.43	0.00543
-3.54	-38.89	0.00575	-7.07	-35.36	0.00609
-9.19	-33.23	0.00633	-10.61	-31.82	0.00650
-12.02	-30.41	0.00669	-13.44	-28.99	0.00692
-14.85	-27.58	0.00720	-27.58	-14.85	0.00926
-28.99	-13.44	0.00904	-30.41	-12.02	0.00885
-31.82	-10.61	0.00869	-33.23	-9.19	0.00852
-35.36	-7.07	0.00827	-38.89	-3.54	0.00785
-42.43	0.00	0.00741	-49.50	7.07	0.00656
-56.57	14.14	0.00579	-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	0.00327
42.43	-98.99	0.00253	35.36	-91.92	0.00280
28.28	-84.85	0.00310	21.21	-77.78	0.00345
14.14	-70.71	0.00385	7.07	-63.64	0.00431
0.00	-56.57	0.00483	-7.07	-49.50	0.00539
-10.61	-45.96	0.00571	-14.14	-42.43	0.00605

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

20:17:05
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	-40.31	0.00628	-17.68	-38.89	0.00645
-19.09	-37.48	0.00665	-20.51	-36.06	0.00689
-21.92	-34.65	0.00718	-34.65	-21.92	0.00922
-36.06	-20.51	0.00900	-37.48	-19.09	0.00881
-38.89	-17.68	0.00864	-40.31	-16.26	0.00847
-42.43	-14.14	0.00823	-45.96	-10.61	0.00780
-49.50	-7.07	0.00737	-56.57	0.00	0.00652
-63.64	7.07	0.00575	-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

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-106.07	0.00251	28.28	-98.99	0.00277
21.21	-91.92	0.00307	14.14	-84.85	0.00342
7.07	-77.78	0.00382	0.00	-70.71	0.00427
-7.07	-63.64	0.00479	-14.14	-56.57	0.00535
-17.68	-53.03	0.00566	-21.21	-49.50	0.00600
-23.33	-47.38	0.00623	-24.75	-45.96	0.00640
-26.16	-44.55	0.00659	-27.58	-43.13	0.00684
-28.99	-41.72	0.00714	-41.72	-28.99	0.00917
-43.13	-27.58	0.00895	-44.55	-26.16	0.00876
-45.96	-24.75	0.00859	-47.38	-23.33	0.00843
-49.50	-21.21	0.00818	-53.03	-17.68	0.00776
-56.57	-14.14	0.00732	-63.64	-7.07	0.00648
-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	0.00317
28.28	-113.14	0.00247	21.21	-106.07	0.00273
14.14	-98.99	0.00303	7.07	-91.92	0.00338
0.00	-84.85	0.00378	-7.07	-77.78	0.00423
-14.14	-70.71	0.00474	-21.21	-63.64	0.00530
-24.75	-60.10	0.00561	-28.28	-56.57	0.00595
-30.41	-54.45	0.00618	-31.82	-53.03	0.00635
-33.23	-51.62	0.00654	-34.65	-50.20	0.00678
-36.06	-48.79	0.00707	-48.79	-36.06	0.00911
-50.20	-34.65	0.00889	-51.62	-33.23	0.00871
-53.03	-31.82	0.00854	-54.45	-30.41	0.00838
-56.57	-28.28	0.00813	-60.10	-24.75	0.00770
-63.64	-21.21	0.00726	-70.71	-14.14	0.00642
-77.78	-7.07	0.00565	-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 ***

20:17:05
 **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	0.00244	14.14	-113.14	0.00270
7.07	-106.07	0.00299	0.00	-98.99	0.00334
-7.07	-91.92	0.00373	-14.14	-84.85	0.00418
-21.21	-77.78	0.00469	-28.28	-70.71	0.00525

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-31.82	-67.18	0.00555	-35.36	-63.64	0.00589
-37.48	-61.52	0.00612	-38.89	-60.10	0.00629
-40.31	-58.69	0.00648	-41.72	-57.28	0.00671
-43.13	-55.86	0.00701	-55.86	-43.13	0.00905
-57.28	-41.72	0.00883	-58.69	-40.31	0.00865
-60.10	-38.89	0.00848	-61.52	-37.48	0.00832
-63.64	-35.36	0.00806	-67.18	-31.82	0.00764
-70.71	-28.28	0.00721	-77.78	-21.21	0.00636
-84.85	-14.14	0.00559	-91.92	-7.07	0.00492
-98.99	0.00	0.00434	-106.07	7.07	0.00384
-113.14	14.14	0.00342	-120.21	21.21	0.00305
14.14	-127.28	0.00240	7.07	-120.21	0.00266
0.00	-113.14	0.00295	-7.07	-106.07	0.00329
-14.14	-98.99	0.00368	-21.21	-91.92	0.00413
-28.28	-84.85	0.00463	-35.36	-77.78	0.00519
-38.89	-74.25	0.00549	-42.43	-70.71	0.00582
-44.55	-68.59	0.00605	-45.96	-67.18	0.00622
-47.38	-65.76	0.00642	-48.79	-64.35	0.00664
-50.20	-62.93	0.00693	-62.93	-50.20	0.00899
-64.35	-48.79	0.00877	-65.76	-47.38	0.00858
-67.18	-45.96	0.00841	-68.59	-44.55	0.00824
-70.71	-42.43	0.00799	-74.25	-38.89	0.00757
-77.78	-35.36	0.00714	-84.85	-28.28	0.00629
-91.92	-21.21	0.00552	-98.99	-14.14	0.00485
-106.07	-7.07	0.00427	-113.14	0.00	0.00377
-120.21	7.07	0.00335	-127.28	14.14	0.00298
7.07	-134.35	0.00236	0.00	-127.28	0.00261
-7.07	-120.21	0.00290	-14.14	-113.14	0.00324
-21.21	-106.07	0.00363	-28.28	-98.99	0.00407
-35.36	-91.92	0.00457	-42.43	-84.85	0.00512
-45.96	-81.32	0.00542	-49.50	-77.78	0.00575
-51.62	-75.66	0.00598	-53.03	-74.25	0.00615
-54.45	-72.83	0.00634	-55.86	-71.42	0.00657
-57.28	-70.00	0.00685	-70.00	-57.28	0.00891
-71.42	-55.86	0.00869	-72.83	-54.45	0.00850
-74.25	-53.03	0.00833	-75.66	-51.62	0.00817

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

20:17:05
 **MODELOPTs:
 PAGE 136
 CONC

URBAN FLAT FLGPOL DFAULT

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

16NCRA_SR01-300_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	0.00792	-81.32	-45.96	0.00749
-84.85	-42.43	0.00706	-91.92	-35.36	0.00622
-98.99	-28.28	0.00545	-106.07	-21.21	0.00477
-113.14	-14.14	0.00419	-120.21	-7.07	0.00369
-127.28	0.00	0.00327	-134.35	7.07	0.00290
0.00	-141.42	0.00232	-7.07	-134.35	0.00256
-14.14	-127.28	0.00285	-21.21	-120.21	0.00318
-28.28	-113.14	0.00357	-35.36	-106.07	0.00400
-42.43	-98.99	0.00449	-49.50	-91.92	0.00504
-53.03	-88.39	0.00534	-56.57	-84.85	0.00567
-58.69	-82.73	0.00589	-60.10	-81.32	0.00606
-61.52	-79.90	0.00625	-62.93	-78.49	0.00648
-64.35	-77.07	0.00676	-77.07	-64.35	0.00882
-78.49	-62.93	0.00860	-79.90	-61.52	0.00842
-81.32	-60.10	0.00824	-82.73	-58.69	0.00808
-84.85	-56.57	0.00783	-88.39	-53.03	0.00740
-91.92	-49.50	0.00697	-98.99	-42.43	0.00613
-106.07	-35.36	0.00535	-113.14	-28.28	0.00468
-120.21	-21.21	0.00410	-127.28	-14.14	0.00360
-134.35	-7.07	0.00317	-141.42	0.00	0.00281
-7.07	-148.49	0.00227	-14.14	-141.42	0.00251
-21.21	-134.35	0.00279	-28.28	-127.28	0.00312
-35.36	-120.21	0.00350	-42.43	-113.14	0.00393
-49.50	-106.07	0.00441	-56.57	-98.99	0.00495
-60.10	-95.46	0.00524	-63.64	-91.92	0.00557
-65.76	-89.80	0.00579	-67.18	-88.39	0.00596
-68.59	-86.97	0.00615	-70.00	-85.56	0.00638
-71.42	-84.15	0.00666	-84.15	-71.42	0.00871
-85.56	-70.00	0.00850	-86.97	-68.59	0.00831
-88.39	-67.18	0.00814	-89.80	-65.76	0.00798
-91.92	-63.64	0.00773	-95.46	-60.10	0.00730
-98.99	-56.57	0.00687	-106.07	-49.50	0.00602
-113.14	-42.43	0.00525	-120.21	-35.36	0.00457
-127.28	-28.28	0.00399	-134.35	-21.21	0.00349
-141.42	-14.14	0.00306	-148.49	-7.07	0.00270
-14.14	-155.56	0.00222	-21.21	-148.49	0.00245
-28.28	-141.42	0.00273	-35.36	-134.35	0.00305
-42.43	-127.28	0.00342	-49.50	-120.21	0.00384
-56.57	-113.14	0.00432	-63.64	-106.07	0.00484
-67.18	-102.53	0.00514	-70.71	-98.99	0.00546

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

*** NCRA Cumulative DPM Impacts

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

20:17:05
 **MODELOPTs:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	-96.87	0.00568	-74.25	-95.46	0.00585
-75.66	-94.05	0.00604	-77.07	-92.63	0.00626
-78.49	-91.22	0.00654	-91.22	-78.49	0.00860
-92.63	-77.07	0.00838	-94.05	-75.66	0.00819
-95.46	-74.25	0.00802	-96.87	-72.83	0.00786
-98.99	-70.71	0.00761	-102.53	-67.18	0.00718
-106.07	-63.64	0.00674	-113.14	-56.57	0.00590
-120.21	-49.50	0.00512	-127.28	-42.43	0.00444
-134.35	-35.36	0.00386	-141.42	-28.28	0.00336
-148.49	-21.21	0.00294	-155.56	-14.14	0.00257
-21.21	-162.63	0.00216	-28.28	-155.56	0.00239
-35.36	-148.49	0.00266	-42.43	-141.42	0.00297
-49.50	-134.35	0.00333	-56.57	-127.28	0.00375
-63.64	-120.21	0.00421	-70.71	-113.14	0.00472
-74.25	-109.60	0.00501	-77.78	-106.07	0.00533
-79.90	-103.94	0.00555	-81.32	-102.53	0.00571
-82.73	-101.12	0.00590	-84.15	-99.70	0.00614
-85.56	-98.29	0.00643	-98.29	-85.56	0.00846
-99.70	-84.15	0.00824	-101.12	-82.73	0.00805
-102.53	-81.32	0.00788	-103.94	-79.90	0.00771
-106.07	-77.78	0.00746	-109.60	-74.25	0.00704
-113.14	-70.71	0.00660	-120.21	-63.64	0.00575
-127.28	-56.57	0.00497	-134.35	-49.50	0.00429
-141.42	-42.43	0.00371	-148.49	-35.36	0.00321
-155.56	-28.28	0.00279	-162.63	-21.21	0.00243
-28.28	-169.71	0.00210	-35.36	-162.63	0.00232
-42.43	-155.56	0.00258	-49.50	-148.49	0.00288
-56.57	-141.42	0.00323	-63.64	-134.35	0.00364
-70.71	-127.28	0.00409	-77.78	-120.21	0.00459
-81.32	-116.67	0.00487	-84.85	-113.14	0.00518
-86.97	-111.02	0.00539	-88.39	-109.60	0.00555
-89.80	-108.19	0.00574	-91.22	-106.77	0.00597
-92.63	-105.36	0.00627	-105.36	-92.63	0.00829
-106.77	-91.22	0.00807	-108.19	-89.80	0.00787
-109.60	-88.39	0.00770	-111.02	-86.97	0.00754
-113.14	-84.85	0.00729	-116.67	-81.32	0.00686

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-77.78	0.00642	-127.28	-70.71	0.00557
-134.35	-63.64	0.00479	-141.42	-56.57	0.00411
-148.49	-49.50	0.00353	-155.56	-42.43	0.00303
-162.63	-35.36	0.00261	-169.71	-28.28	0.00227

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

20:17:05
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-176.78	0.00204	-42.43	-169.71	0.00225
-49.50	-162.63	0.00249	-56.57	-155.56	0.00278
-63.64	-148.49	0.00312	-70.71	-141.42	0.00351
-77.78	-134.35	0.00395	-84.85	-127.28	0.00443
-88.39	-123.74	0.00470	-91.92	-120.21	0.00500
-94.05	-118.09	0.00521	-95.46	-116.67	0.00536
-96.87	-115.26	0.00554	-98.29	-113.84	0.00577
-99.70	-112.43	0.00606	-112.43	-99.70	0.00808
-113.84	-98.29	0.00785	-115.26	-96.87	0.00767
-116.67	-95.46	0.00750	-118.09	-94.05	0.00733
-120.21	-91.92	0.00708	-123.74	-88.39	0.00665
-127.28	-84.85	0.00621	-134.35	-77.78	0.00536
-141.42	-70.71	0.00457	-148.49	-63.64	0.00389
-155.56	-56.57	0.00331	-162.63	-49.50	0.00282
-169.71	-42.43	0.00241	-176.78	-35.36	0.00208
-42.43	-183.85	0.00196	-49.50	-176.78	0.00217
-56.57	-169.71	0.00240	-63.64	-162.63	0.00268
-70.71	-155.56	0.00300	-77.78	-148.49	0.00337
-84.85	-141.42	0.00379	-91.92	-134.35	0.00425
-95.46	-130.81	0.00450	-98.99	-127.28	0.00479
-101.12	-125.16	0.00499	-102.53	-123.74	0.00514
-103.94	-122.33	0.00531	-105.36	-120.92	0.00552
-106.77	-119.50	0.00581	-119.50	-106.77	0.00782
-120.92	-105.36	0.00760	-122.33	-103.94	0.00741
-123.74	-102.53	0.00724	-125.16	-101.12	0.00707
-127.28	-98.99	0.00682	-130.81	-95.46	0.00638
-134.35	-91.92	0.00595	-141.42	-84.85	0.00508
-148.49	-77.78	0.00429	-155.56	-70.71	0.00361
-162.63	-63.64	0.00304	-169.71	-56.57	0.00257
-176.78	-49.50	0.00219	-183.85	-42.43	0.00189

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	-190.92	0.00188	-56.57	-183.85	0.00208
-63.64	-176.78	0.00230	-70.71	-169.71	0.00256
-77.78	-162.63	0.00286	-84.85	-155.56	0.00321
-91.92	-148.49	0.00360	-98.99	-141.42	0.00404
-102.53	-137.89	0.00427	-106.07	-134.35	0.00454
-108.19	-132.23	0.00472	-109.60	-130.81	0.00487
-111.02	-129.40	0.00503	-112.43	-127.99	0.00524
-113.84	-126.57	0.00551	-126.57	-113.84	0.00751
-127.99	-112.43	0.00728	-129.40	-111.02	0.00709
-130.81	-109.60	0.00692	-132.23	-108.19	0.00675

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

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

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 **MODELOPTs:
 PAGE 139

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	-106.07	0.00649	-137.89	-102.53	0.00605
-141.42	-98.99	0.00561	-148.49	-91.92	0.00473
-155.56	-84.85	0.00394	-162.63	-77.78	0.00327
-169.71	-70.71	0.00272	-176.78	-63.64	0.00229
-183.85	-56.57	0.00195	-190.92	-49.50	0.00168
-56.57	-197.99	0.00179	-63.64	-190.92	0.00197
-70.71	-183.85	0.00219	-77.78	-176.78	0.00243
-84.85	-169.71	0.00272	-91.92	-162.63	0.00303
-98.99	-155.56	0.00339	-106.07	-148.49	0.00378
-109.60	-144.96	0.00400	-113.14	-141.42	0.00424
-115.26	-139.30	0.00441	-116.67	-137.89	0.00454
-118.09	-136.47	0.00469	-119.50	-135.06	0.00488
-120.92	-133.64	0.00514	-133.64	-120.92	0.00709
-135.06	-119.50	0.00687	-136.47	-118.09	0.00667
-137.89	-116.67	0.00649	-139.30	-115.26	0.00632
-141.42	-113.14	0.00606	-144.96	-109.60	0.00561
-148.49	-106.07	0.00515	-155.56	-98.99	0.00426
-162.63	-91.92	0.00348	-169.71	-84.85	0.00285
-176.78	-77.78	0.00236	-183.85	-70.71	0.00199
-190.92	-63.64	0.00170	-197.99	-56.57	0.00146
-63.64	-205.06	0.00169	-70.71	-197.99	0.00186
-77.78	-190.92	0.00205	-84.85	-183.85	0.00228
-91.92	-176.78	0.00254	-98.99	-169.71	0.00284
-106.07	-162.63	0.00315	-113.14	-155.56	0.00349

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-116.67	-152.03	0.00368	-120.21	-148.49	0.00389
-122.33	-146.37	0.00403	-123.74	-144.96	0.00414
-125.16	-143.54	0.00428	-126.57	-142.13	0.00445
-127.99	-140.71	0.00468	-140.71	-127.99	0.00654
-142.13	-126.57	0.00631	-143.54	-125.16	0.00612
-144.96	-123.74	0.00593	-146.37	-122.33	0.00575
-148.49	-120.21	0.00547	-152.03	-116.67	0.00500
-155.56	-113.14	0.00452	-162.63	-106.07	0.00364
-169.71	-98.99	0.00292	-176.78	-91.92	0.00239
-183.85	-84.85	0.00199	-190.92	-77.78	0.00168
-197.99	-70.71	0.00144	-205.06	-63.64	0.00125
-70.71	-212.13	0.00157	-77.78	-205.06	0.00173
-84.85	-197.99	0.00190	-91.92	-190.92	0.00211
-98.99	-183.85	0.00234	-106.07	-176.78	0.00260
-113.14	-169.71	0.00288	-120.21	-162.63	0.00316
-123.74	-159.10	0.00331	-127.28	-155.56	0.00347

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

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

20:17:05
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	-153.44	0.00358	-130.81	-152.03	0.00367
-132.23	-150.61	0.00377	-133.64	-149.20	0.00391
-135.06	-147.79	0.00410	-147.79	-135.06	0.00578
-149.20	-133.64	0.00553	-150.61	-132.23	0.00532
-152.03	-130.81	0.00511	-153.44	-129.40	0.00491
-155.56	-127.28	0.00461	-159.10	-123.74	0.00410
-162.63	-120.21	0.00363	-169.71	-113.14	0.00287
-176.78	-106.07	0.00231	-183.85	-98.99	0.00191
-190.92	-91.92	0.00160	-197.99	-84.85	0.00137
-205.06	-77.78	0.00118	-212.13	-70.71	0.00104
-77.78	-219.20	0.00145	-84.85	-212.13	0.00158
-91.92	-205.06	0.00174	-98.99	-197.99	0.00191
-106.07	-190.92	0.00211	-113.14	-183.85	0.00233
-120.21	-176.78	0.00256	-127.28	-169.71	0.00279
-130.81	-166.17	0.00289	-134.35	-162.63	0.00299
-136.47	-160.51	0.00306	-137.89	-159.10	0.00311
-139.30	-157.68	0.00317	-140.71	-156.27	0.00326
-142.13	-154.86	0.00340	-154.86	-142.13	0.00459

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-156.27	-140.71	0.00430	-157.68	-139.30	0.00405
-159.10	-137.89	0.00381	-160.51	-136.47	0.00359
-162.63	-134.35	0.00329	-166.17	-130.81	0.00287
-169.71	-127.28	0.00254	-176.78	-120.21	0.00205
-183.85	-113.14	0.00170	-190.92	-106.07	0.00144
-197.99	-98.99	0.00124	-205.06	-91.92	0.00108
-212.13	-84.85	0.00095	-219.20	-77.78	0.00085
-84.85	-226.27	0.00131	-91.92	-219.20	0.00142
-98.99	-212.13	0.00154	-106.07	-205.06	0.00168
-113.14	-197.99	0.00184	-120.21	-190.92	0.00200
-127.28	-183.85	0.00217	-134.35	-176.78	0.00231
-137.89	-173.24	0.00237	-141.42	-169.71	0.00242
-143.54	-167.58	0.00244	-144.96	-166.17	0.00245
-146.37	-164.76	0.00247	-147.79	-163.34	0.00250
-149.20	-161.93	0.00254	-161.93	-149.20	0.00246
-163.34	-147.79	0.00223	-164.76	-146.37	0.00207
-166.17	-144.96	0.00196	-167.58	-143.54	0.00188
-169.71	-141.42	0.00177	-173.24	-137.89	0.00163
-176.78	-134.35	0.00152	-183.85	-127.28	0.00133
-190.92	-120.21	0.00117	-197.99	-113.14	0.00104
-205.06	-106.07	0.00093	-212.13	-98.99	0.00083
-219.20	-91.92	0.00075	-226.27	-84.85	0.00069

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

20:17:05

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-233.35	0.00116	-98.99	-226.27	0.00125
-106.07	-219.20	0.00134	-113.14	-212.13	0.00144
-120.21	-205.06	0.00154	-127.28	-197.99	0.00164
-134.35	-190.92	0.00171	-141.42	-183.85	0.00173
-144.96	-180.31	0.00171	-148.49	-176.78	0.00166
-150.61	-174.66	0.00161	-152.03	-173.24	0.00156
-153.44	-171.83	0.00151	-154.86	-170.41	0.00144
-156.27	-169.00	0.00136	-169.00	-156.27	0.00097
-170.41	-154.86	0.00097	-171.83	-153.44	0.00097
-173.24	-152.03	0.00097	-174.66	-150.61	0.00097
-176.78	-148.49	0.00096	-180.31	-144.96	0.00095
-183.85	-141.42	0.00094	-190.92	-134.35	0.00089

16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound

-197.99	-127.28	0.00083	-205.06	-120.21	0.00077
-212.13	-113.14	0.00071	-219.20	-106.07	0.00066
-226.27	-98.99	0.00061	-233.35	-91.92	0.00056
-98.99	-240.42	0.00102	-106.07	-233.35	0.00108
-113.14	-226.27	0.00115	-120.21	-219.20	0.00121
-127.28	-212.13	0.00126	-134.35	-205.06	0.00130
-141.42	-197.99	0.00131	-148.49	-190.92	0.00127
-152.03	-187.38	0.00123	-155.56	-183.85	0.00116
-157.68	-181.73	0.00110	-159.10	-180.31	0.00106
-160.51	-178.90	0.00101	-161.93	-177.48	0.00096
-163.34	-176.07	0.00091	-176.07	-163.34	0.00076
-177.48	-161.93	0.00077	-178.90	-160.51	0.00077
-180.31	-159.10	0.00077	-181.73	-157.68	0.00077
-183.85	-155.56	0.00076	-187.38	-152.03	0.00075
-190.92	-148.49	0.00072	-197.99	-141.42	0.00069
-205.06	-134.35	0.00065	-212.13	-127.28	0.00061
-219.20	-120.21	0.00058	-226.27	-113.14	0.00054
-233.35	-106.07	0.00051	-240.42	-98.99	0.00047
-106.07	-247.49	0.00089	-113.14	-240.42	0.00093
-120.21	-233.35	0.00097	-127.28	-226.27	0.00101
-134.35	-219.20	0.00103	-141.42	-212.13	0.00104
-148.49	-205.06	0.00103	-155.56	-197.99	0.00098
-159.10	-194.45	0.00094	-162.63	-190.92	0.00087
-164.76	-188.80	0.00083	-166.17	-187.38	0.00080
-167.58	-185.97	0.00077	-169.00	-184.55	0.00074
-170.41	-183.14	0.00070	-183.14	-170.41	0.00063
-184.55	-169.00	0.00064	-185.97	-167.58	0.00064
-187.38	-166.17	0.00064	-188.80	-164.76	0.00064

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

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

20:17:05
 **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	0.00064	-194.45	-159.10	0.00063
-197.99	-155.56	0.00062	-205.06	-148.49	0.00059
-212.13	-141.42	0.00055	-219.20	-134.35	0.00051
-226.27	-127.28	0.00048	-233.35	-120.21	0.00046
-240.42	-113.14	0.00043	-247.49	-106.07	0.00041

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

04/18/08

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

20:17:05

**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 0.00733 AT (	-105.36, -92.63, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00733 AT (	-112.43, -99.70, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00720 AT (	-119.50, -106.77, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00711 AT (	-106.77, -91.22, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00710 AT (	-113.84, -98.29, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00699 AT (	-126.57, -113.84, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00698 AT (	-120.92, -105.36, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00692 AT (	-108.19, -89.80, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00691 AT (	-115.26, -96.87, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00679 AT (	-122.33, -103.94, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00733 AT (	-41.72, -28.99, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00733 AT (	-48.79, -36.06, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00720 AT (	-55.86, -43.13, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00711 AT (	-43.13, -27.58, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00710 AT (	-50.20, -34.65, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00699 AT (	-62.93, -50.20, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00698 AT (	-57.28, -41.72, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00692 AT (	-44.55, -26.16, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00691 AT (	-51.62, -33.23, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00679 AT (	-58.69, -40.31, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00733 AT (	21.92, 34.65, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00733 AT (	14.85, 27.58, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00720 AT (	7.78, 20.51, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00711 AT (	20.51, 36.06, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00710 AT (	13.44, 28.99, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00699 AT (	0.71, 13.44, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00698 AT (	6.36, 21.92, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00692 AT (	19.09, 37.48, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00691 AT (	12.02, 30.41, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00679 AT (	4.95, 23.33, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/18/08

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

20:17:05

**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 0.00733 AT (	85.56, 98.29, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00733 AT (	78.49, 91.22, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00720 AT (	71.42, 84.15, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00711 AT (	84.15, 99.70, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00710 AT (	77.07, 92.63, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00699 AT (	64.35, 77.07, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00698 AT (	70.00, 85.56, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00692 AT (	82.73, 101.12, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00691 AT (	75.66, 94.05, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00679 AT (	68.59, 86.97, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00733 AT (	149.20, 161.93, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00733 AT (	142.13, 154.86, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00720 AT (	135.06, 147.79, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00711 AT (	147.79, 163.34, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00710 AT (	140.71, 156.27, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00699 AT (	127.99, 140.71, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00698 AT (	133.64, 149.20, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00692 AT (	146.37, 164.76, 0.00,	1.20) DC	NA

		16NCRA_SR01-300_DPM_TRAV_ANN_NE-SW Bound							
	9TH HIGHEST VALUE IS	0.00692	AT (	139.30,	157.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00679	AT (	132.23,	150.61,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00951	AT (	64.35,	77.07,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00950	AT (	71.42,	84.15,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00950	AT (	57.28,	70.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00950	AT (	78.49,	91.22,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00950	AT (	85.56,	98.29,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00949	AT (	50.20,	62.93,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00949	AT (	43.13,	55.86,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00948	AT (	92.63,	105.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00948	AT (	36.06,	48.79,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00947	AT (	28.99,	41.72,	0.00,	1.20)	DC	NA

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

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

04/18/08

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

20:17:05

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

 *** ISCST3 Finishes Successfully ***
